# Mitigation Monitoring and Reporting Program

CEQA requires that a reporting or monitoring program be adopted for the conditions of project approval that are necessary to mitigate or avoid significant effects on the environment (Public Resources Code 21081.6). This mitigation monitoring and reporting program is intended to track and ensure compliance with adopted mitigation measures during the project implementation phase. For each mitigation measure included in the Final Initial Study – Mitigated Negative Declaration, specifications are made herein that identify the action required, the monitoring that must occur, and the agency or department responsible for oversight.

| Mitigation Measure/<br>Condition of Approval  | Action Required   | Monitoring Timing   | Monitoring<br>Frequency | Responsible<br>Agency                                  | Com-<br>pliance<br>Verifi-<br>cation<br>Initial | Com-<br>pliance<br>Verifi-<br>cation<br>Date | Com-<br>pliance<br>Verifi-<br>cation<br>Comments |
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| Biological Resources  |   |   |                         |  |   |  |  |
| BIO-1: Special Status Plant Surveys   |   |   |                         |  |   |  |  |
| To avoid impacts to special-status plants,<br>surveys for special-status plants shall be<br>completed prior to any vegetation removal,<br>grubbing, or other construction activity within<br>this area. The surveys shall be floristic in nature,<br>seasonally timed to coincide with the blooming<br>period of the target species (club-haired<br>mariposa lily, late-flowered mariposa lily,<br>Plummer's mariposa lily, Peirson's morning<br>glory, Parry's spineflower, Ojai navarretia, and<br>Piute Mountains navarretia), and be conducted<br>by a qualified biologist.<br>Special-status plant species identified on site<br>shall be mapped onto a site-specific aerial<br>photograph and topographic map. Surveys<br>should be conducted in accordance with the<br>most current protocols established by the CDFW<br>and United States Fish and Wildlife Service<br>(USFWS). A report of the survey results shall be<br>submitted to SCV Water for review and<br>approval. | Retain a qualified biologist to conduct<br>special status plant surveys and<br>prepare the accompanying report.<br>Review and approve the report<br>prepared by the qualified biologist.  | Prior to vegetation<br>removal, grubbing, or<br>other construction<br>activity within the<br>area | Once                    | Santa Clarita<br>Valley Water<br>Agency (SCV<br>Water) |   |  |  |
| BIO-2: Special-Status Plant Avoidance Measures  |   |   |                         |  |   |  |  |
| If special-status plants are detected during<br>special-status plant surveys, avoidance of the<br>special-status plants shall occur where feasible<br>and vegetation clearing within 50 feet of any<br>identified rare plant will be conducted by hand,<br>if practicable. Any rare plant occurrence shall<br>have bright orange protective fencing installed<br>at least 50 feet beyond its extent, or other<br>distance as approved by a qualified biologist, to<br>protect it from harm.<br>If avoidance is not feasible, SCV Water shall  | Implement resource relocation or<br>avoidance (if necessary and feasible) as<br>specified in Mitigation Measure BIO-3,<br>including, implementation of a Special<br>Status Plant Mitigation and Monitoring<br>Plan, and performance monitoring. | As needed   | As needed               | SCV Water  |   |  |  |
| offset the proposed loss of individual plants at a  |   |   |                         |  |   |  |  |

| Mitigation Measure/<br>Condition of Approval<br>minimum 1:1 ratio by on-site restoration<br>(salvage, replanting, and propagation) as<br>described in Mitigation Measure BIO-3 (Special-<br>Status Plant Mitigation and Monitoring Plan)<br>below. The scrub and grassland habitats in the<br>Study Area would be a suitable location for on-<br>site restoration. Compensation for impacts to<br>these species may also be accomplished by<br>preservation of on-site populations or off-site<br>populations in the vicinity of the site at a   | Action Required   | Monitoring Timing                                    | Monitoring<br>Frequency | Responsible<br>Agency | Com-<br>pliance<br>Verifi-<br>cation<br>Initial | Com-<br>pliance<br>Verifi-<br>cation<br>Date | Com-<br>pliance<br>Verifi-<br>cation<br>Comments |
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| minimum of a 1:1 ratio if present.   |   |  |                         |                       |   |  |  |
| BIO-3: Special-Status Plant Mitigation and Monite  | oring Plan  |  |                         |                       |   |  |  |
| <ul> <li>If special-status plants are detected and would<br/>be impacted by project construction, a Special-<br/>Status Plant Mitigation and Monitoring Plan that<br/>provides for the replacement of the species<br/>impacted by the project shall be developed by a<br/>qualified restoration specialist.</li> <li>The Special-Status Plant Mitigation and<br/>Monitoring Plan shall specify the following: <ul> <li>A summary of impacts;</li> <li>The location of the mitigation site;</li> <li>Methods for harvesting seeds or salvaging<br/>and transplanting individuals to be<br/>impacted;</li> <li>Measures for propagating plants or<br/>transferring living plants from the salvage<br/>site to the mitigation site;</li> <li>Site preparation procedures for the<br/>mitigation site;</li> <li>A schedule and action plan to maintain and<br/>monitor the mitigation area;</li> <li>Criteria and performance standards by<br/>which to measure the success of the<br/>mitigation, including replacement of<br/>impacted plants at a minimum 1:1 ratio;</li> </ul> </li> </ul> | Retain a qualified biologist to prepare a<br>Special-Status Plant Mitigation Plan<br>and annually review performance of<br>the Plan over a 5-year period. | Prior to construction<br>and annually for 5<br>years | Once and<br>annually    | SCV Water             |   |  |  |

| Mitigation Measure/<br>Condition of Approval  | Action Required | Monitoring Timing | Monitoring<br>Frequency | Responsible<br>Agency | Com-<br>pliance<br>Verifi-<br>cation<br>Initial | Com-<br>pliance<br>Verifi-<br>cation<br>Date | Com-<br>pliance<br>Verifi-<br>cation<br>Comments |
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| <ul> <li>Measures to exclude unauthorized entry<br/>into the mitigation areas; and</li> </ul>   |                 |                   |                         |                       |   |  |  |
| <ul> <li>Contingency measures such as replanting or<br/>weeding in the event that mitigation efforts<br/>are not successful.</li> </ul> |                 |                   |                         |                       |   |  |  |
| The performance standards for the Special-  |                 |                   |                         |                       |   |  |  |
| Status Plant Mitigation and Monitoring Plan   |                 |                   |                         |                       |   |  |  |
| shall be at a minimum the following:  |                 |                   |                         |                       |   |  |  |
| <ul> <li>Within five years after introducing the</li> </ul>   |                 |                   |                         |                       |   |  |  |
| plants to the mitigation site, the number of  |                 |                   |                         |                       |   |  |  |
| established, reproductive plants should   |                 |                   |                         |                       |   |  |  |
| equal the number lost to project  |                 |                   |                         |                       |   |  |  |
| construction, and   |                 |                   |                         |                       |   |  |  |
| <ul> <li>Restoration will be considered successful</li> </ul>   |                 |                   |                         |                       |   |  |  |
| after the success criteria have been met for  |                 |                   |                         |                       |   |  |  |
| a period of at least 2 years without any  |                 |                   |                         |                       |   |  |  |
| maintenance or remediation activities other   |                 |                   |                         |                       |   |  |  |
| than invasive species control.  |                 |                   |                         |                       |   |  |  |
| The Special-Status Plant Mitigation and   |                 |                   |                         |                       |   |  |  |
| Monitoring Plan shall be initiated prior to   |                 |                   |                         |                       |   |  |  |
| development of the project and implemented  |                 |                   |                         |                       |   |  |  |
| over a five-year period. It can also be combined  |                 |                   |                         |                       |   |  |  |
| with the Restoration Plan described under   |                 |                   |                         |                       |   |  |  |
| Mitigation Measure BIO-9.   |                 |                   |                         |                       |   |  |  |
| Annual reports discussing the implementation,   |                 |                   |                         |                       |   |  |  |
| monitoring, and management of the Special-  |                 |                   |                         |                       |   |  |  |
| Status Plant Mitigation and Monitoring Plan   |                 |                   |                         |                       |   |  |  |
| shall be submitted to SCV Water. Five years after the start of the mitigation project, a final  |                 |                   |                         |                       |   |  |  |
| report shall be submitted, which should at a  |                 |                   |                         |                       |   |  |  |
| minimum discuss the implementation,   |                 |                   |                         |                       |   |  |  |
| monitoring, and management of the Special-  |                 |                   |                         |                       |   |  |  |
| Status Plant Mitigation and Monitoring Plan   |                 |                   |                         |                       |   |  |  |
| over the five-year period, and indicate whether   |                 |                   |                         |                       |   |  |  |
| the Special-Status Plant Mitigation and   |                 |                   |                         |                       |   |  |  |
| Monitoring Plan has been successful based on  |                 |                   |                         |                       |   |  |  |
| established performance standards. Should the   |                 |                   |                         |                       |   |  |  |

| Mitigation Measure/<br>Condition of Approval<br>success criteria be met before Year Five, the  | Action Required   | Monitoring Timing  | Monitoring<br>Frequency | Responsible<br>Agency | Com-<br>pliance<br>Verifi-<br>cation<br>Initial | Com-<br>pliance<br>Verifi-<br>cation<br>Date | Com-<br>pliance<br>Verifi-<br>cation<br>Comments |
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| mitigation effort can be deemed complete.  |   |  |                         |                       |   |  |  |
| BIO-4: Worker Environmental Awareness Program  | n   |  |                         |                       |   |  |  |
| A qualified biologist shall conduct a pre-project<br>environmental education program for all<br>personnel working at the site, which should be<br>focused on conditions and protocols necessary  | Retain a qualified biologist to conduct<br>a Worker Environmental Program.<br>Ensure all employees working at the<br>project site participate in the program. | Prior to and during<br>construction if new<br>personnel are added. | Once and as needed.     | SCV Water             |   |  |  |
| to avoid and minimize potential impacts to<br>biological resources. Prior to initiation of<br>construction activities (including staging and<br>mobilization), all personnel associated with<br>project construction shall attend a Worker<br>Environmental Awareness Program (WEAP)<br>training, conducted by a qualified biologist, to<br>aid workers in recognizing special-status<br>biological resources potentially occurring in the<br>project area. This training shall include<br>information about the special-status species<br>with potential to occur in the project area. The<br>specifics of this program shall include<br>identification of special-status species and<br>habitats, a description of the regulatory status<br>and general ecological characteristics of special-<br>status resources, and review of the limits of<br>construction and measures required to avoid<br>and minimize impacts to biological resources<br>within the work area. A fact sheet conveying<br>this information shall be prepared for<br>distribution to all contractors, their employees,<br>and other personnel involved with construction<br>of the project. All employees working at the<br>project site shall sign a form provided by the<br>trainer documenting they have attended the<br>WEAP and understand the information<br>presented to them. The crew foreman shall be<br>responsible for ensuring crew members adhere | Ensure guidelines are followed during construction.   | During construction.   | Ongoing                 |                       |   |  |  |

|  |   |  |                         |                       | Com-                                    | Com-                                 | Com-                                    |
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| Mitigation Measure/<br>Condition of Approval   | Action Required   | Monitoring Timing                              | Monitoring<br>Frequency | Responsible<br>Agency | pliance<br>Verifi-<br>cation<br>Initial | pliance<br>Verifi-<br>cation<br>Date | pliance<br>Verifi-<br>cation<br>Comment |
| to the guidelines and restrictions designed to avoid impacts to special-status species.  |   |  |                         |                       |   |                                      |   |
| BIO-5: General Best Management Practices   |   |  |                         |                       |   |                                      |   |
| <ul> <li>General requirements which shall be followed<br/>by construction personnel are listed below.</li> <li>The contractor shall clearly delineate the<br/>construction limits and prohibit any<br/>construction-related traffic outside those</li> </ul>                 | Include general biological resources<br>best management practice<br>requirements in the construction<br>contract.<br>Ensure best management practices are | Prior to construction.<br>During construction. | Once<br>Ongoing         | SCV Water             |   |                                      |   |
| <ul> <li>boundaries.</li> <li>Project-related vehicles shall observe a 10-mile-per-hour speed limit within the unpaved limits of construction.</li> </ul>  | implemented during construction.  |  |                         |                       |   |                                      |   |
| <ul> <li>All open trenches or excavations shall be<br/>fenced and/or sloped to prevent<br/>entrapment of wildlife species.</li> </ul>  |   |  |                         |                       |   |                                      |   |
| <ul> <li>All food-related trash items such as<br/>wrappers, cans, bottles, and food scraps<br/>generated during proposed project<br/>construction shall be disposed of in closed<br/>containers only and removed daily from the<br/>project site.</li> </ul>                 |   |  |                         |                       |   |                                      |   |
| <ul> <li>No deliberate feeding of wildlife shall be<br/>allowed.</li> </ul>  |   |  |                         |                       |   |                                      |   |
| <ul> <li>No pets shall be allowed on the project site.</li> </ul>  |   |  |                         |                       |   |                                      |   |
| <ul> <li>No firearms shall be allowed on the project<br/>site.</li> </ul>  |   |  |                         |                       |   |                                      |   |
| <ul> <li>If vehicle or equipment maintenance is<br/>necessary, it shall be performed in the<br/>designated staging areas.</li> </ul>   |   |  |                         |                       |   |                                      |   |
| <ul> <li>If construction must occur at night<br/>(between dusk and dawn), all lighting shall<br/>be shielded and directed downward to<br/>minimize the potential for glare or spillover<br/>onto adjacent properties and to reduce<br/>impacts on local wildlife.</li> </ul> |   |  |                         |                       |   |                                      |   |

| <ul> <li>Mitigation Measure/<br/>Condition of Approval</li> <li>During construction, heavy equipment shall<br/>be operated in accordance with standard<br/>BMPs. All equipment used on-site shall be<br/>properly maintained to avoid leaks of oil,<br/>fuel, or residues. Provisions shall be in place<br/>to remediate any accidental spills.</li> <li>While encounters with special-status<br/>species are not anticipated, any worker who<br/>inadvertently injures or kills a special-status<br/>species or finds one dead, injured, or<br/>entrapped shall immediately report the<br/>incident to the construction foreman or<br/>biological monitor. The construction<br/>foreman or biological monitor should<br/>immediately notify SCV Water. SCV Water<br/>should follow up with written notification to<br/>USFWS and/or CDFW within five working<br/>days of the incident. All observations of<br/>state or federally listed species should be<br/>recorded on CNDDB field sheets and sent to<br/>CDFW by SCV Water or the biological<br/>monitor.</li> </ul> | Action Required  | Monitoring Timing   | Monitoring<br>Frequency | Responsible<br>Agency | Com-<br>pliance<br>Verifi-<br>cation<br>Initial | Com-<br>pliance<br>Verifi-<br>cation<br>Date | Com-<br>pliance<br>Verifi-<br>cation<br>Comments |
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| BIO-6: Pre-activity Survey   |  |   |                         |                       |   |  |  |
| Prior to commencement of ground or<br>vegetation disturbing activities at the project<br>site, a qualified biologist shall conduct two<br>surveys for special status wildlife species. The<br>first survey shall be conducted no more than<br>fourteen (14) days prior to commencement of<br>project activities and the second survey shall be<br>conducted no more than three (3) days prior to<br>the commencement of project activities. The<br>survey shall incorporate methods to detect the<br>special status wildlife species that could<br>potentially occur at the site. To the extent<br>feasible, special status species shall be avoided.<br>If avoidance is not feasible, the species shall be  | Retain a qualified biologist to complete<br>pre-activity surveys for special status<br>species. Review all findings of each<br>survey and Species Protection Plan (if<br>required), and implement all<br>recommended avoidance or relocation<br>measures, if required. | Prior to any ground<br>or plant disrupting<br>activities. | Once                    | SCV Water             |   |  |  |

| Mitigation Measure/<br>Condition of Approval<br>captured and transferred to an appropriate<br>habitat and location on-site where it would not<br>be harmed by project activities. The biologist<br>shall hold the requisite permits for the capture<br>and handling of the species, if applicable. Prior<br>to commencement of the proposed activity, the<br>methods and results of the surveys and, if a<br>special status species is found, the measures to<br>be employed to avoid impacts to the species<br>should be presented in a letter report to SCV<br>Water.   | Action Required   | Monitoring Timing  | Monitoring<br>Frequency                     | Responsible<br>Agency | Com-<br>pliance<br>Verifi-<br>cation<br>Initial | Com-<br>pliance<br>Verifi-<br>cation<br>Date | Com-<br>pliance<br>Verifi-<br>cation<br>Comments |
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| BIO-7: Qualified Biological MonitorA qualified biological monitor familiar with<br>special-status species with potential to occur in<br>the project site shall be present during initial<br>ground disturbance or vegetation removal<br>activities within suitable habitat, including<br>California sagebrush scrub, holly leaf cherry<br>chaparral, and wild oats and annual brome<br>grasslands. The biological monitor shall have the<br>authority to temporarily stop work if one or<br>more special-status species are observed; the<br>monitor shall then relocate these individuals to<br>suitable undisturbed habitat, outside the areas<br>directly and indirectly affected by ground<br>disturbance activities. The biologist shall hold<br>the requisite incidental take permits or<br>authorizations for the capture and handling of<br>the species, if applicable.The monitor shall recommend measures to<br>ensure compliance with all avoidance and<br>minimization measures and any conditions<br>required by SCV Water. When the biological<br>monitor is present on site, they shall be<br>responsible for: | Retain a qualified biologist to monitor<br>relevant special status species during<br>construction activities. | During all initial<br>ground disturbance<br>or vegetation<br>removal activities. | Once for<br>each<br>construction<br>segment | SCV Water             |   |  |  |

| <ul> <li>Mitigation Measure/<br/>Condition of Approval</li> <li>Ensuring procedures for verifying<br/>compliance with environmental mitigation<br/>are followed;</li> <li>Lines of communication and reporting<br/>methods;</li> <li>Daily and weekly reporting of compliance;</li> <li>Construction crew WEAP training;</li> <li>Authority to stop work; and</li> <li>Action to be taken in the event of non-<br/>compliance.</li> </ul>   | Action Required  | Monitoring Timing   | Monitoring<br>Frequency | Responsible<br>Agency | Com-<br>pliance<br>Verifi-<br>cation<br>Initial | Com-<br>pliance<br>Verifi-<br>cation<br>Date | Com-<br>pliance<br>Verifi-<br>cation<br>Comments |
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| <b>BIO-8: Nesting Birds</b><br>Project-related activities should occur outside of<br>the bird breeding season (February 1 to August<br>31) to the extent practicable. If construction<br>must occur within the bird breeding season,<br>then no more than seven days prior to initiation<br>of ground disturbance and/or vegetation<br>removal, a nesting bird pre-construction survey<br>shall be conducted by a qualified biologist<br>within the disturbance footprint plus a 100-foot<br>buffer (300-feet for raptors), where feasible. If<br>the proposed project is phased or construction<br>activities stop for more than one week, a<br>subsequent pre-construction nesting bird survey<br>will be required prior to each phase of | For construction that occurs during the<br>nesting bird season, retain a qualified<br>biologist to conduct pre-construction<br>nesting bird surveys and establish<br>exclusion zones, as needed, until a<br>qualified biologist has determined that<br>all young have fledged. | Seven days prior to<br>initial ground<br>disturbance, or re-<br>initiation of<br>construction<br>following a one-week<br>lapse, between<br>February 1 and<br>August 31. | Once and<br>as needed   | SCV Water             |   |  |  |

vegetation disturbance activities. If nests are found, their locations shall be flagged. An appropriate avoidance buffer

construction during the nesting season. Pre-construction nesting bird surveys shall be conducted during the time of day when birds are active and shall factor in sufficient time to perform this survey adequately and completely. A report of the nesting bird survey results, if applicable, shall be submitted to SCV Water for review and approval prior to ground and/or

| Mitigation Measure/  |   |   | Monitoring            | Responsible | Com-<br>pliance<br>Verifi-<br>cation | Com-<br>pliance<br>Verifi-<br>cation | Com-<br>pliance<br>Verifi-<br>cation |
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| Condition of Approval<br>ranging in size from 25 to 50 feet for passerines,<br>and up to 300 feet for raptors depending upon<br>the species and the proposed work activity, shall<br>be determined and demarcated by a qualified<br>biologist with bright orange construction<br>fencing or other suitable flagging. Active nests<br>shall be monitored at a minimum of once per<br>week until it has been determined that the nest<br>is no longer being used by either the young or<br>adults. No ground disturbance shall occur within<br>this buffer until the qualified biologist confirms<br>that the breeding/nesting is completed, and all<br>the young have fledged. If project activities<br>must occur within the buffer, they shall be<br>conducted at the discretion of the qualified<br>biologist. The nesting bird buffer zones may also<br>be extended at the discretion of the qualified<br>biologist based on field observations of nesting<br>bird behavior. If no nesting birds are observed<br>during pre-construction surveys, no further<br>actions would be necessary. | Action Required   | Monitoring Timing   | Frequency             | Agency      | Initial                              | Date                                 | Comments                             |
| BIO-9: Sensitive Plant Community Restoration   |   |   |                       |             |                                      |                                      |                                      |
| <ul> <li>Temporary impacts to sensitive plant<br/>communities shall be avoided to the extent<br/>feasible. Where avoidance is not feasible,<br/>mitigation for impacts to sensitive plant<br/>communities shall be accomplished through on-<br/>site restoration at a minimum ratio of 1:1. A<br/>Restoration Plan shall be prepared and<br/>submitted to SCV Water prior to initiating<br/>impacts. At minimum, the Restoration Plan shall<br/>include the following:</li> <li>A description of the purpose and goals of<br/>the restoration</li> <li>Identification of success criteria and<br/>performance standards</li> <li>Methods of site preparation</li> </ul>  | Retain a qualified biologist to develop<br>and implement a sensitive plant<br>community Restoration Plan. | Prior to, during, and<br>after construction for<br>up to 5 years. | Once and<br>as needed | SCV Water   |                                      |                                      |                                      |

Methods of site preparation

| Mitigation Measure/<br>Condition of Approval                 | Action Required | Monitoring Timing | Monitoring<br>Frequency | Responsible<br>Agency | Com-<br>pliance<br>Verifi-<br>cation<br>Initial | Com-<br>pliance<br>Verifi-<br>cation<br>Date | Com-<br>pliance<br>Verifi-<br>cation<br>Comments |
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| <ul> <li>Irrigation plan and schedule</li> </ul>             |                 |                   |                         |                       |   |  |  |
| <ul> <li>Best Management Practices (BMPs)</li> </ul>         |                 |                   |                         |                       |   |  |  |
| <ul> <li>Maintenance and monitoring program</li> </ul>       |                 |                   |                         |                       |   |  |  |
| <ul> <li>Adaptive management strategies</li> </ul>           |                 |                   |                         |                       |   |  |  |
| <ul> <li>Key stakeholders and responsible parties</li> </ul> |                 |                   |                         |                       |   |  |  |
| <ul> <li>Funding</li> </ul>                                  |                 |                   |                         |                       |   |  |  |
| <ul> <li>Contingencies</li> </ul>                            |                 |                   |                         |                       |   |  |  |
| Cultural Resources   |                 |                   |                         |                       |   |  |  |

#### **CUL-1: Unanticipated Discovery of Cultural Resources**

In the event that archaeological resources are unexpectedly encountered during grounddisturbing activities, work within 50 feet of the find shall halt and an archaeologist meeting the Secretary of the Interior's Professional Qualifications Standards for archaeology (NPS 1983) shall be contacted immediately to evaluate the resource. If the resource is determined by the qualified archaeologist to be prehistoric, then a Native American representative shall also be contacted to participate in the evaluation of the resource. If the qualified archaeologist and/or Native American representative determines it to be appropriate, archaeological testing for CRHR eligibility shall be completed. If the resource proves to be eligible for the CRHR and significant impacts to the resource cannot be avoided via project redesign, a qualified archaeologist shall prepare a data recovery plan tailored to the physical nature and characteristics of the resource, per the requirements of the California Code of Regulations (CCR) Guidelines Section 15126.4(b)(3)(C). The data recovery plan shall identify data recovery excavation methods, measurable objectives, and data thresholds to

If archaeological resources are encountered during construction, retain an archeologist meeting the Secretary of Interior's Professional Qualification Standards for archaeology to evaluate the unanticipated find(s). If the find is determined to be prehistoric, conduct testing. If the find is eligible for listing and significant impacts would occur, prepare a data recovery plan. Recover and document resources, as necessary.

During construction. As needed

SCV Water

| Mitigation Measure/<br>Condition of Approval<br>reduce any significant impacts to cultural<br>resources related to the resource. Pursuant to<br>the data recovery plan, the qualified<br>archaeologist and Native American<br>representative, as appropriate, shall recover<br>and document the scientifically consequential<br>information that justifies the resource's<br>significance. SCV Water shall review and<br>approve the treatment plan and archaeological<br>testing as appropriate, and the resulting<br>documentation shall be submitted to the<br>regional repository of the California Historical<br>Resources Information System, per CCR<br>Guidelines Section 15126.4(b)(3)(C). | Action Required  | Monitoring Timing                                 | Monitoring<br>Frequency | Responsible<br>Agency | Com-<br>pliance<br>Verifi-<br>cation<br>Initial | Com-<br>pliance<br>Verifi-<br>cation<br>Date | Com-<br>pliance<br>Verifi-<br>cation<br>Comments |
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| Geology and Soils   |  |   |                         |                       |   |  |  |
| GEO-1: Paleontological Resources Monitoring and   | d Mitigation   |   |                         |                       |   |  |  |
| Qualified Professional Paleontologist. Prior to<br>excavation, SCV Water shall retain a Qualified<br>Professional Paleontologist, as defined by the<br>Society of Vertebrate Paleontology (SVP 2010),<br>who shall direct all mitigation measures related<br>to paleontological resources.<br>Paleontological Worker Environmental<br>Awareness Program. Prior to excavation, the<br>Qualified Professional Paleontologist or their<br>designee shall conduct a paleontological Worker<br>Environmental Awareness Program (WEAP)<br>training for construction personnel regarding<br>the appearance of fossils and procedures for<br>notifying paleontological staff should fossils be              | Retain a qualified professional<br>paleontologist as defined by the<br>Society of Vertebrate Paleontology<br>(SVP 2010) to implement a<br>paleontological WEAP training,<br>monitor initial ground-disturbing<br>activities, and evaluate unanticipated<br>finds. Review and approve the Final<br>Paleontological Mitigation Report. | Prior to excavation<br>and during<br>construction | Once and as needed      | SCV Water             |   |  |  |

Paleontological Monitoring. Initial part-time monitoring (i.e., spot-checking) shall be conducted for all ground-disturbing activities during trenching for the new sewer line to check for the presence/depth of previously undisturbed sediments. The monitor shall be

discovered by construction personnel.

| Mitigation Measure/<br>Condition of Approval   | Action Required | Monitoring Timing | Monitoring<br>Frequency | Responsible<br>Agency | Com-<br>pliance<br>Verifi-<br>cation<br>Initial | Com-<br>pliance<br>Verifi-<br>cation<br>Date | Com-<br>pliance<br>Verifi-<br>cation<br>Comments |
|--|-----------------|-------------------|-------------------------|-----------------------|---|--|--|
| present on the first day that trenching occurs   |                 |                   |                         |                       |   |  | -  |
| within an area mapped as high paleontological  |                 |                   |                         |                       |   |  |  |
| sensitivity. If the monitor observes that only   |                 |                   |                         |                       |   |  |  |
| previously disturbed and/or artificial fill  |                 |                   |                         |                       |   |  |  |
| sediments are being impacted by trenching,   |                 |                   |                         |                       |   |  |  |
| then spot-checking shall continue on a weekly  |                 |                   |                         |                       |   |  |  |
| basis. If, during the initial spot-check or  |                 |                   |                         |                       |   |  |  |
| subsequent weekly spot-checks, the monitor   |                 |                   |                         |                       |   |  |  |
| observes that trenching is impacting previously  |                 |                   |                         |                       |   |  |  |
| undisturbed sediments assignable to the Saugus   |                 |                   |                         |                       |   |  |  |
| Formation or Quaternary older alluvium, then<br>full-time paleontological monitoring shall ensue |                 |                   |                         |                       |   |  |  |
| to ensure that potential impacts to  |                 |                   |                         |                       |   |  |  |
| paleontological resources remain less than   |                 |                   |                         |                       |   |  |  |
| significant. Paleontological monitoring shall be   |                 |                   |                         |                       |   |  |  |
| conducted by a paleontological monitor with  |                 |                   |                         |                       |   |  |  |
| experience with collection and salvage of  |                 |                   |                         |                       |   |  |  |
| paleontological resources and who meets the  |                 |                   |                         |                       |   |  |  |
| minimum standards of the SVP (2010) for a  |                 |                   |                         |                       |   |  |  |
| Paleontological Resources Monitor.   |                 |                   |                         |                       |   |  |  |
| In the event of a fossil discovery by the  |                 |                   |                         |                       |   |  |  |
| paleontological monitor or construction  |                 |                   |                         |                       |   |  |  |
| personnel, all construction activity within 50   |                 |                   |                         |                       |   |  |  |
| feet of the find shall cease, and the Qualified  |                 |                   |                         |                       |   |  |  |
| Professional Paleontologist shall evaluate the   |                 |                   |                         |                       |   |  |  |
| find. If the fossil(s) is (are) not scientifically   |                 |                   |                         |                       |   |  |  |
| significant, then construction activity may  |                 |                   |                         |                       |   |  |  |
| resume. If it is determined that the fossil(s) is  |                 |                   |                         |                       |   |  |  |
| (are) scientifically significant, the following shall  |                 |                   |                         |                       |   |  |  |
| be completed:  |                 |                   |                         |                       |   |  |  |
| <ul> <li>Fossil Salvage. The paleontological monitor</li> </ul>                                  |                 |                   |                         |                       |   |  |  |
| shall salvage (i.e., excavate and recover) the   |                 |                   |                         |                       |   |  |  |
| fossil to protect it from  |                 |                   |                         |                       |   |  |  |
| damage/destruction. Typically, fossils can   |                 |                   |                         |                       |   |  |  |
| be safely salvaged quickly by a single   |                 |                   |                         |                       |   |  |  |
| paleontological monitor with minimal   |                 |                   |                         |                       |   |  |  |
| disruption to construction activity. In some   |                 |                   |                         |                       |   |  |  |

| Mitigation Measure/   |                 | M                 | Monitoring | Responsible | Com-<br>pliance<br>Verifi-<br>cation | Com-<br>pliance<br>Verifi-<br>cation | Com-<br>pliance<br>Verifi-<br>cation |
|---|-----------------|-------------------|------------|-------------|--------------------------------------|--------------------------------------|--------------------------------------|
| <ul> <li>Condition of Approval         <ul> <li>cases, larger fossils (such as complete skeletons or large mammal fossils) require more extensive excavation and longer salvage periods. Bulk matrix sampling may be necessary to recover small invertebrates or microvertebrates from within paleontologically sensitive deposits. After the fossil(s) is (are) salvaged, construction activity may resume.</li> </ul> </li> <li>Fossil Preparation and Curation. Fossils shall be identified to the lowest (i.e., most-specific) possible taxonomic level, prepared to a curation-ready condition, and curated in a scientific institution with a permanent paleontological collection along with all pertinent field notes, photos, data, and maps. Fossils of undetermined significance at the time of collection may also warrant curation at the discretion of the Qualified</li> </ul> | Action Required | Monitoring Timing | Frequency  | Agency      | Initial                              | Date                                 | Comments                             |
| Professional Paleontologist.<br>Final Paleontological Mitigation Report. Upon   |                 |                   |            |             |                                      |                                      |                                      |
| completion of ground-disturbing activities (or<br>laboratory preparation and curation of fossils, if<br>necessary), the Qualified Professional<br>Paleontologist shall prepare a final report<br>describing the results of the paleontological<br>monitoring efforts. The report shall include a<br>summary of the field and laboratory methods<br>employed; an overview of project geology; and,<br>if fossils were discovered, an analysis of the<br>fossils, including physical description, taxonomic<br>identification, and scientific significance. The<br>report shall be submitted to SCV Water and, if<br>fossil curation occurred, the designated<br>scientific institution.  |                 |                   |            |             |                                      |                                      |                                      |

| Mitigation Measure/<br>Condition of Approval  | Action Required  | Monitoring Timing    | Monitoring<br>Frequency                  | Responsible<br>Agency | Com-<br>pliance<br>Verifi-<br>cation<br>Initial | Com-<br>pliance<br>Verifi-<br>cation<br>Date | Com-<br>pliance<br>Verifi-<br>cation<br>Comments |
|---|--|----------------------|--|-----------------------|---|--|--|
| Tribal Cultural Resources   |  | _                    |  |                       |   |  |  |
| <b>TCR-1: Tribal Cultural Resources Construction Me</b><br>SCV Water shall retain a professional Tribal<br>Monitor procured by the Fernandeño Tataviam<br>Band of Mission Indians (FBTMI) to observe the<br>first (5) days of ground-disturbing activities<br>which include excavating, digging and/or<br>trenching. Tribal Monitoring Services will<br>continue until all (5) days, consecutive or non-<br>consecutive, of ground-disturbing activities are<br>completed. If the project's scheduled activities<br>require the Tribal Monitor to leave the project<br>for a period of time and return, confirmation<br>shall be submitted to the Tribe by SCV Water, in<br>writing, upon completion of each set of<br>scheduled activities and a minimum of 48 hours'<br>notice shall be submitted to the Tribe by SCV<br>Water, in writing, prior to recommencement. If<br>cultural resources are encountered, the Tribal<br>Monitor will have the authority to request<br>ground disturbing activities cease within 60-feet<br>of the discovery to assess and document<br>potential finds in real time. A qualified<br>archaeologist meeting Secretary of Interior<br>standards shall also assess the find.<br>Should the find be deemed significant, as<br>defined by CEQA (as amended, 2015), SCV<br>Water shall retain a professional Tribal Monitor<br>procured by the FTBMI to observe all remaining<br>ground-disturbing activities including, but not<br>limited to, clearing, grading, excavating, digging,<br>trenching, plowing, drilling, tunneling,<br>quarrying, leveling, driving posts, auguring,<br>blasting, stripping topsoil or similar activity, and<br>archaeological work. | Retain a Tribal Monitor to monitor the<br>initial 5 days of ground-disturbing<br>activities within the project site and<br>document unanticipated finds. | During construction. | First 5 days<br>of<br>groundbrea<br>king | SCV Water             |   |  |  |

| Mitigation Measure/<br>Condition of Approval<br>TCR-2: Unanticipated Discovery of Tribal Cultural  | Action Required   | Monitoring Timing              | Monitoring<br>Frequency | Responsible<br>Agency | Com-<br>pliance<br>Verifi-<br>cation<br>Initial | Com-<br>pliance<br>Verifi-<br>cation<br>Date | Com-<br>pliance<br>Verifi-<br>cation<br>Comments |
|--|---|--------------------------------|-------------------------|-----------------------|---|--|--|
| SCV Water shall, in good faith, consult with the<br>FTBMI on the disposition and treatment of any<br>Tribal Cultural Resource encountered during all<br>ground disturbing activities.  | Consult with FBTMI upon discovery of<br>unanticipated tribal cultural resources.  | During construction.           | As needed               | SCV Water             |   |  |  |
| TCR-3: Unanticipated Discovery of Human Remai  | ns  |                                |                         |                       |   |  |  |
| If human remains or funerary objects are<br>encountered during any activities associated<br>with the project, work in the immediate vicinity<br>(within a 100-foot buffer of the find) shall cease<br>and the County Coroner shall be contacted<br>pursuant to State Health and Safety Code  | Require in the construction contract<br>that work be halted in the immediate<br>area of unanticipated human remains<br>or funerary objects, and that the<br>contractor notify SCV Water of the find<br>immediately. | Prior to start of construction | Once                    | SCV Water             |   |  |  |
| Section 7050.5 and that code shall be enforced<br>for the duration of the project.<br>Inadvertent discoveries of human remains<br>and/or funerary object(s) are subject to<br>California State Health and Safety Code Section<br>7050.5, and the subsequent disposition of those<br>discoveries shall be decided by the Most Likely<br>Descendant (MLD), as determined by the Native<br>American Heritage Commission (NAHC), should<br>those findings be determined as Native<br>American in origin. | Contact the County Coroner if human<br>remains or funerary objects are<br>encountered.  | During construction            | As needed               |                       |   |  |  |

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