

MITIGATION MONITORING AND REPORTING PROGRAM

Environmental Impacts	Mitigation Measures	Responsibility for Implementation	Method of Compliance	Timing of Compliance
Air Quality				
<p>Potential impacts to air quality: although construction emissions will be temporary and below CEQA thresholds, the proposed project will cause temporary negligible increases in ambient air pollutant concentrations that could increase local human exposure to air contaminants.</p>	<ol style="list-style-type: none"> 1. Implementation of a San Joaquin Air Pollution Control District Control Plan. 2. Dust suppression BMP's that meet requirements set forth in Rule 403.2 Fugitive Dust Control for the San Joaquin Planning Area: <ol style="list-style-type: none"> a. Use periodic watering for short term stabilization of disturbed areas. b. Use BMP, such as construction exit, to prevent project related track-out onto publicly maintained surfaces. c. All visible dirt track-out or spills onto adjacent roads shall be removed. Track-out or spills will be cleaned up within 24 hours. d. All haul trucks transporting soil, sand, or other loose material off-site shall be covered. e. Reduce non-essential grading activities during high wind conditions. 	<p>Construction Contractor</p>	<p>The Construction Manager shall provide necessary training to construction workers regarding emission control measures, will monitor implementation of these measures, and direct corrective actions when and where necessary.</p>	<p>Prior to and during all phases of construction.</p>

Biological Resources

<p>Potential impacts if construction activities planned during the nesting season for migratory birds that may nest on or near the site (generally February 1 through August 31).</p>	<p>1. Nesting bird surveys to be performed prior to the commencement of ground disturbance for project activities. If nesting birds are present, no new construction or ground disturbance should occur within an appropriate avoidance area for that species until young have fledged, unless otherwise approved and monitored by a qualified onsite biologist.</p>	<p>Qualified Biologist</p>	<p>A Qualified Biologist will be responsible for training construction workers, conducting preconstruction surveys, monitoring buffer areas prior to construction and setting up and taking down any avoidance zones.</p>	<p>Prior to and during all phases of construction.</p>
<p>Potential impacts to environmental species and the general avoidance measures to be followed.</p>	<p>1. Traffic restraints and signs should be established to minimize temporary disturbances during construction. All construction traffic should be restricted to designated access roads and routes, project site, storage areas, and staging and parking areas. Off-road traffic outside designated project boundaries will be prohibited. A 20 mile-per-hour (32 kilometers-per-hour) speed limit should be observed in all project construction areas, except as otherwise posted on County and City roads.</p> <p>2. All equipment storage and parking during construction activities should be confined to the on-site construction area or public road right-of-ways.</p>	<p>Construction Contractor</p>	<p>The Construction Manager shall provide necessary training to construction workers regarding best management practices and measures, will monitor implementation of these measures, and direct corrective actions when and where necessary.</p>	<p>Prior to and during all phases of construction.</p>

3. All project construction activities involving excavation or surface disturbance should be limited to daylight hours with the exception of the well drilling activities.

4. Trenches should be inspected for entrapped wildlife each morning, prior to the onset of construction. Before such holes or trenches are filled, they should be thoroughly inspected for entrapped animals. Any animals so discovered shall be allowed to escape voluntarily, without harassment, before construction activities resume, or removed from the trench or hole by a qualified biologist and allowed to escape unimpeded.

5. All construction pipes, poles, culverts, hoses or similar structures stored at the construction site for one or more overnight periods should be capped or the ends covered in a way that prevents wildlife entrapment. Unburied pipes laid in trenches overnight should be capped. If a kit fox or other listed species is discovered inside a pipe, that section of pipe will not be moved until the animal leaves on its own, or the USFWS and the CDFW have been consulted.

6. All food-related trash items such as wrappers, cans, bottles and food scraps generated by project activities shall be disposed of in closed containers and removed at least once each week from the site. Deliberate feeding of wildlife is prohibited.

7. To prevent harassment of special-status species, construction personnel should not be allowed to have firearms or pets on the project site.

8. All equipment and work-related materials shall be contained in closed containers either in the work area or on vehicles. Loose items (e.g., rags, hose, etc.) should be stored within closed containers or enclosed in vehicles when on the work site.

9. All liquids should be in closed, covered containers. Any spills of hazardous liquids should not be left unattended until cleanup has been completed.

10. Use of rodenticides and herbicides on the project site should be prohibited unless approved by the USFWS and the CDFW. This is necessary to prevent primary or secondary poisoning of special-status species using adjacent habitats, and to avoid the depletion of prey upon which they depend. Label restrictions and other restrictions imposed by the U.S. Environmental Protection Agency (EPA), the California Department of Food and Agricultural (CDFA), and other state and federal legislation shall be implemented. If rodent control must be conducted, zinc phosphide shall be used because of its proven lower risk to kit foxes.

11. Any employee who inadvertently kills or injures a listed species, or who finds any such animal dead, injured, or entrapped, shall be required to report the incident immediately to a designated site representative (e.g., foreman, project manager, environmental inspector, etc.), except animals killed on state and county roads when such mortality is not associated with project traffic. In the case of entrapped animals that are listed species, escape ramps or structures shall be installed immediately, if possible, to allow the subject animal(s) to escape unimpeded.

12. In the case of injured special-status wildlife, the CDFW shall be notified immediately. During business hours, Monday through Friday, the phone number is (559) 243-4017. For non-business hours, report to (800) 952-5400. Notification shall include the date, time, location, and circumstances of the incident. Instructions provided by the CDFW for the care of the injured animal shall be followed by the contractor onsite.

13. In the case of dead animal(s) that are listed as threatened or endangered, the USFWS and the CDFW shall be notified immediately (within 24 hours) notified by phone or in person and shall document the initial notification in writing within two working days of the findings of any such animal(s). Notification shall include the date, time, location and circumstances of the incident.

14. Prior to commencement of construction on any phase of work, work areas should be clearly marked with fencing, stakes with rope or cord, or other means of delineating the work area boundaries.

15. All personnel entering the project site should attend a worker orientation program. The worker orientation program will present measures required to avoid, minimize, and mitigate impacts to biological resources and will include, at a minimum, the following federal and state endangered species acts; biological survey results for the current construction area; life history information for the species of concern; biological resource avoidance, minimization, and mitigation requirements; consequences for failure to successfully implement requirements; and procedures to be followed if dead or injured wildlife are located during project activities. Upon completion of the orientation, employees should sign a form stating that they attended the program and understand all biological resource mitigation measures and receive a hard hat sticker or other means of identifying that

Noise

Potential impacts from noise during construction and operation.

1. The temporary noise impacts attributed to construction will be mitigated for all construction by limiting the hours of construction on-site to weekdays, Monday thru Friday, from 7 am to 5 pm.
2. The booster pumps are equipped with variable speed drives to help run at optimum efficiency and shorter, quieter run times. The well site is secured with a 6-ft tall masonry wall to help reduce the overall noise impact.

Construction Contractor

The Construction Manager will monitor work durations and sound mitigation efforts.

Prior to and during all phases of construction.