

Executive Summary

This joint environmental impact statement/environmental impact report (EIS/EIR) evaluates the impacts associated with issuing endangered species permits and implementing the *Placer County Conservation Program* (PCCP). It was prepared pursuant to the California Environmental Quality Act (CEQA) (California Public Resources Code [PRC] Sections 21000–21178.1); the State CEQA Guidelines (PRC 21000 et seq.; 14 California Code of Regulations 1500 et seq.); the National Environmental Policy Act (NEPA) (42 United States Code 4321; 40 Code of Federal Regulations 1500.1); and the President’s Council on Environmental Quality guidelines on implementing NEPA.

The PCCP is a regional, comprehensive program intended to protect, enhance, and restore natural resources in western Placer County, while streamlining permitting for Covered Activities. Within this framework, the PCCP would achieve conservation goals and comply with state and federal environmental regulations while streamlining planning and permitting for anticipated urban and rural growth and the construction and maintenance of infrastructure needed to serve Placer County’s population. The PCCP comprises three integrated program components.

- The *Western Placer County Habitat Conservation Plan and Natural Community Conservation Plan* (Plan), a joint habitat conservation plan and natural community conservation plan (HCP/NCCP) that would protect fish, wildlife, plants, and their habitats and fulfill the requirements of the federal Endangered Species Act of 1973, as amended (ESA), and the California Natural Community Conservation Planning Act (NCCPA).
- The *Western Placer County Aquatic Resources Program* (CARP) that would protect streams, wetlands, and other water resources and fulfill the requirements of the Clean Water Act (CWA) and analogous state laws and regulations.
- The *Western Placer County In-Lieu Fee Program (ILF Program)* that fulfills compensatory mitigation requirements under Section 404 of the CWA.

Implementation of these programs would require permits for the incidental take of state- and federally listed species. The following agencies are jointly applying for these permits from state and federal agencies.

- Placer County (County).
- City of Lincoln (City).
- South Placer Regional Transportation Authority (SPRTA).¹
- Placer County Water Agency (PCWA).
- Placer Conservation Authority (PCA).²

¹ SPRTA is a Joint Powers Authority of Placer County and the Cities of Lincoln, Rocklin, and Roseville.

² PCA would be created as a Joint Powers Authority of Placer County and the City of Lincoln to implement the HCP/NCCP and the CARP on behalf of all Permit Applicants.

These entities are collectively referred to as the *Permit Applicants* or the *Permittees*.³ The Permit Applicants are applying for incidental take permits (ITPs) from the U.S. Fish and Wildlife Service (USFWS) and the National Marine Fisheries Service (NMFS), pursuant to Section 10(a)(1)(B) of the ESA. The same entities are also applying for an NCCP permit from the California Department of Fish and Wildlife (CDFW), pursuant to Section 2835 of the California Fish and Game Code. USFWS, NMFS, and CDFW are collectively referred to as the *Wildlife Agencies*. The permits from the Wildlife Agencies would authorize take of certain state- and federally listed species (i.e., Covered Species) during the course of otherwise lawful activities (i.e., Covered Activities).

To fulfill an application requirement for these permits, the Permit Applicants have prepared the Plan, which serves as an HCP under the ESA and an NCCP under the NCCPA. The Plan is intended to support the issuance of ITPs from USFWS and NMFS and issuance of an NCCP permit from CDFW with a term of 50 years. The Plan includes a long-term conservation plan to protect and contribute to the recovery of Covered Species and natural communities in the Plan Area, while streamlining development and maintenance activities that are compatible with local policies and regulations. The Plan identifies where future impacts on protected species would likely occur and lays out a strategy for avoidance, minimization, and mitigation of the impacts on natural resources that would result from these activities. The Plan also goes beyond the mitigation requirements of the ESA to include measures that protect and contribute to the recovery of Covered Species and natural communities in the Plan Area, as required by the NCCPA.

The second component of the PCCP, the CARP, establishes a local program to conserve aquatic resources in the Plan Area through the avoidance and minimization of impacts on such resources that could result from regional growth and development. It provides for the conservation of wetlands, streams, and the waters and the watersheds that support them in the Plan Area while streamlining the U.S. Army Corps of Engineers' (USACE's) CWA Section 404 and the Regional Water Quality Control Board's Section 401 permit processes for Covered Activities.

The third component of the PCCP, the ILF Program, provides a mechanism under which compensatory mitigation requirements under Section 404 of the CWA can be fulfilled by payment of a fee to purchase mitigation "credits." The ILF Program will provide compensatory mitigation for impacts on aquatic resources for all projects and activities that are covered under the HCP/NCCP and the CARP.

Summary of the Proposed Action and Alternatives

This EIS/EIR evaluates impacts associated with four alternatives.

- Alternative 1—No Action.
- Alternative 2—Proposed Action.
- Alternative 3—Reduced Take/Reduced Fill.
- Alternative 4—Reduced Permit Term.

³ In addition to the Permit Applicants identified above, other parties may elect to seek coverage under the PCCP. These entities are considered *Participating Special Entities* and are listed in Section 8.9.4 of the Plan.

Alternative 1—No Action

Under Alternative 1, the no action alternative, permits would not be issued by USFWS, NMFS, or CDFW for incidental take of the proposed Covered Species through a regional-scale programmatic HCP or NCCP. Accordingly, the Permit Applicants and the private developers within the local jurisdictions would remain subject to the take prohibition for federally listed species under ESA and state-listed species under the California Endangered Species Act (CESA). The Permit Applicants and others with ongoing activities or future actions in the Plan Area that may result in the incidental take of federally listed species would need to apply, on a project-by-project basis, for incidental take authorization from either USFWS or NMFS through ESA Section 7 (when a federal agency is involved) or Section 10 (for nonfederal actions). Similarly, Permit Applicants and others whose ongoing activities or future actions have the potential for incidental take of state-listed species in the Plan Area would apply for incidental take authorization under CESA through a Section 2081(b) permit. In addition, a Section 404 permitting strategy would not be developed by USACE and, accordingly, Permit Applicants and private developers within their jurisdictions would follow existing procedures for activities subject to CWA Section 404.

Alternative 1 would entail the continuation of existing plans, policies, and operations. Based on this assumption, Alternative 1 incorporates programs adopted during the early stages of development of this EIS/EIR, facilities that are permitted or under construction during the early stages of development of this EIS/EIR, and projects that are permitted or are assumed to be constructed by 2035, which encompasses the planning horizon for the general plans and capital improvement plans in the Plan Area.

Under Alternative 1, because the Permit Applicants and private developers would generate environmental documentation and apply for permits on a project-by-project basis, there would be no comprehensive means to coordinate and standardize mitigation and compensation requirements of ESA, NCCPA, CEQA, NEPA, and the CWA within the Plan Area.

Alternative 2—Proposed Action

As noted above, the PCCP is a regional, comprehensive program intended to protect, enhance, and restore natural resources in western Placer County, while streamlining endangered species permitting for Covered Activities. Within this framework, the PCCP would achieve conservation goals and comply with state and federal environmental regulations while streamlining planning and permitting for anticipated urban and rural growth and the construction and maintenance of infrastructure in Placer County.

The Plan Area of the PCCP encompasses 269,118 acres. As shown in Figure ES-1, the Plan Area encompasses a portion of western Placer County, including all unincorporated lands in western Placer County and the city of Lincoln. Within the proposed Plan Area, more than 47,300 acres within the available potential acquisition area would become part of the PCCP Reserve System.

For purposes of this EIS/EIR, the proposed action consists of the following.

- ITP issuance by USFWS and NMFS, and NCCP permit issuance by CDFW.
- Approval and execution of the implementing agreement (IA) for the NCCP portion of the Plan by CDFW.
- The Permit Applicants' adoption and implementation of the PCCP.

The proposed action was developed by the Permit Applicants in consultation with USFWS, CDFW, NMFS, and USACE and is intended to address the conservation needs of Covered Species based on implementation of Covered Activities. These activities are widespread and varied, comprising urban and rural development, water management, conservation measures, facilities maintenance, and numerous other actions undertaken by the Permit Applicants.

Alternative 3—Reduced Take/Reduced Fill

Under Alternative 3—Reduced Take/Reduced Fill, the Covered Species, Covered Activities, permit duration, and implementation of the Plan and CARP would be the same as under Alternative 2, the proposed action. However, Alternative 3 would reduce the conversion of vernal pool complex in the Valley Potential Future Growth Area (PFG) by 10% (about 1,250 acres) compared to the proposed action; there would be similar reductions in other communities associated with wetlands or other waters. To minimize the impact on non-wetland-associated communities, the total extent of conversion of non-wetland-associated communities in the Valley PFG would be reduced compared to the proposed action.

Alternative 4—Reduced Permit Term

Under Alternative 4—Reduced Permit Term, the Plan Area, Covered Species, Covered Activities, and implementation of the Plan and CARP would be the same as under the proposed action. Under this alternative, the HCP/NCCP would include the same permit conditions for Covered Activities and similar conservation measures and conservation strategy as the PCCP, except the permit term would be for 30 years instead of 50.

Summary of Environmental Consequences and Proposed Recommended Mitigation

A list of specific resource topics was developed to focus on and compare environmental impacts of the various alternatives. The list was drafted based on applicable laws, regulations, policies, as well as comments from agency staff and the interested public. Chapter 3, *Affected Environment*, describes, for each resource topic, the existing environment that could be affected by the proposed action. These existing conditions establish the baseline for the analysis of effects or impacts that is detailed in Chapter 4, *Environmental Consequences*.

The issuance of ITPs and NCCP permit by the Wildlife Agencies—together with subsequent adoption and implementation of the Plan by the Permit Applicants consistent with the permits—is the proposed action considered in this EIS/EIR. Issuance of the ITPs and NCCP permit by the Wildlife Agencies provides compliance only with the ESA, CESA, and NCCPA, and such compliance is subject to project-level terms and conditions, as provided in the Plan and IA. Approval of the proposed action does not confer or imply approval to implement any Covered Activity by the Permit Applicants. All Covered Activities are subject to the land use or other authority of one or more of the Permit Applicants. Before approving or implementing a Covered Activity, the Permit Applicant with authority over the Covered Activity must comply with CEQA and other applicable laws and a project-level environmental analysis may be required. If a Covered Activity requires a project-level federal authorization or permit, a project-level environmental analysis under NEPA may also be required. Although the proposed action pertains specifically to the environmental effects of the Covered

Activities on biological and aquatic resources, other reasonably foreseeable environmental effects of the Covered Activities are discussed in this EIS/EIR to provide context for the analysis of the proposed action and alternatives.

No Action Alternative

Alternative 1, the no action alternative, includes reasonably foreseeable activities in the Plan Area associated with urbanization and associated infrastructure development, operation, and maintenance included in the various planning documents of Placer County and the City of Lincoln as well as future projects of SPRTA and PCWA. The general plan EIRs analyzed these activities, and Alternative 1 includes these analyses by incorporating by reference and carries these conclusions forward. Any mitigation included in these EIRs is incorporated by reference into the Alternative 1 analysis. In addition, typical best management practices used during construction by SPRTA and PCWA are also incorporated into Alternative 1, as these would occur whether or not the PCCP were to be approved. The land use changes associated with these activities would have various effects on each of the resources considered in this EIS/EIR, including direct and indirect effects, temporary effects associated with construction, and long-term effects of operation and maintenance (O&M). Conclusions about the significance of these impacts are based on the extent of the expected land use changes and the adequacy of the regulatory framework (e.g., local regulations and requirements) to provide effective mitigation.

Action Alternatives

The action alternatives (i.e., Alternatives 2, 3, and 4) would all add a regional framework for biological resource impact avoidance, minimization, and mitigation and for natural community conservation. This would be provided by the PCCP and implemented as a result of the Wildlife Agencies issuing permits. The impact analysis of the action alternatives focuses on how permit issuance could affect a resource differently from Alternative 1, the no action alternative. Each action alternative would include a version of the PCCP. The analysis was based on the following assumptions.

- The PCCP conservation strategy would apply to all Covered Activities.
- All Covered Activities would be implemented using the avoidance and minimization measures proposed in the PCCP.
- The action alternatives would include the acquisition and enhancement of a large, connected conservation lands system, with coordinated management for the benefit of Covered Species. This system would have a substantially larger footprint of land targeted for protection compared to the system of independent mitigation sites under Alternative 1, because not all land cover types and Covered Species would require mitigation under existing statutory and regulatory mechanisms.
- Acquisition and enhancement of the conservation lands system would be primarily located within the Reserve Acquisition Area (RAA). However, the land acquisition criteria allow for some high-value lands to be acquired outside the RAA but within the Plan Area.
- Activities on the conservation lands system would be consistent with the conservation measures described in the conservation strategy.

Unless affected by implementation of the PCCP conservation activities (i.e., primarily those actions associated with the conservation strategy), impacts of Alternative 1 would also occur under the action alternatives. This is because Alternative 1 comprises the same urbanization and infrastructure development activities that are identified as Covered Activities under the action alternatives. Therefore, the analysis in the PCCP addresses most of the reasonably foreseeable activities in the Plan Area associated with urbanization and associated infrastructure development, operation, and maintenance.

The analyses of the action alternatives also describe how the general concepts identified in the conservation strategy for biological resource mitigation could affect each of the individual resources considered, since the conservation strategy is part of all action alternatives. Thus, the analysis of the PCCP focuses on the consequences of issuing the federal ITPs and the state NCCP permit. The PCCP is based on extensive consultation with the Permit Applicants and Wildlife Agencies, resulting in a detailed database of activities that allows for a quantitative analysis of anticipated changes in land uses as a result of activities under Alternative 2 (i.e., Covered Activities under the PCCP) and the conservation strategy of the PCCP. The land use changes associated with these activities would have various effects on each of the resources considered in the PCCP and this EIS/EIR, including direct and indirect effects, temporary effects associated with construction, and long-term effects of O&M. Conclusions about the significance of these impacts are based on the extent of the expected land use changes and the adequacy of the regulatory framework (e.g., local regulations and requirements) to provide effective mitigation.

Impact Mechanisms

Under the action alternatives, impacts could occur during construction or O&M related to the proposed action and Covered Activities, which would include habitat restoration and creation (conservation measures designed to protect, enhance, and restore and improve the ecological function of natural communities, and to avoid, minimize, and compensate for effects on Covered Species); adaptive management and monitoring activities; the existing, planned, and proposed land uses over which the local jurisdictions have land use authority; transportation projects; and water and wastewater projects.

Most Covered Activities would require individual permits and approvals pursuant to the local jurisdictions' general plans and land use regulations, or the requirements of the implementing agency, and would undergo subsequent project-level CEQA review and relevant NEPA review for construction and operations-related impacts; some Covered Activities, however, may be exempted from environmental review requirements due to project characteristics.

Covered Activities in Lincoln and in unincorporated areas of Placer County would have the potential to result in impacts as identified in the general plans for these jurisdictions, as the action alternatives would serve to streamline the development in the Plan Area envisioned in the *Placer County General Plan* (which includes community and area plans), *City of Lincoln General Plan*, and long-term SPRTA and PCWA plans.

Effects of Covered Activities would be anticipated to result from the types of actions listed below.

- Grading, excavation, trenching, and placement of fill material, including earthmoving, re-contouring, excavation, or removal or modification of landscape features or structures.

- Vegetation removal with off-road construction equipment to reduce fire hazards and control invasive plants.
- Construction and maintenance of residential, commercial, retail, recreational, and industrial land uses as specified in the *Placer County General Plan* and *City of Lincoln General Plan*.
- Construction of new and O&M of existing utility infrastructure.
- Widening of existing and development of new roads.
- Temporary construction or land disturbance associated with maintenance and/or operation of water facilities and other waterways.

Impacts and Mitigation

Tables ES-1 and ES-2 summarize impact determinations identified in this EIS/EIR. Table ES-3, at the end of this Executive Summary, lists all the impacts analyzed, their significance determinations, any proposed mitigation measures intended to reduce the level of significance, and the level of significance after mitigation.

Table ES-1 summarizes impacts on species discussed in Section 4.3, *Biological Resources*. Broadly speaking, biological resources would be subject to significant **NEPA impacts** and **significant and unavoidable CEQA impacts** under Alternative 1 and less-than-significant impacts under Alternatives 2, 3, and 4.

Table ES-1. Summary of Impact Determinations by Species Considered

Common Name	Covered Species?	Alternative 1	Alternative 2	Alternative 3	Alternative 4
Fish					
Central Valley steelhead	Yes	LTS	LTS	LTS	LTS
Central Valley fall/late fall-run Chinook salmon	Yes	LTS	LTS	LTS	LTS
Hardhead	No	LTS	LTS	LTS	LTS
Pacific lamprey	No	LTS	LTS	LTS	LTS
Invertebrates					
Valley elderberry longhorn beetle	Yes	LTS	LTS	LTS	LTS
Conservancy fairy shrimp	Yes	<u>S</u> /SU	LTS	LTS	LTS
Vernal pool fairy shrimp	Yes	<u>S</u> /SU	LTS	LTS	LTS
Vernal pool tadpole shrimp	Yes	<u>S</u> /SU	LTS	LTS	LTS
Amphibians					
California red-legged frog	Yes	LTS	LTS	LTS	LTS
Foothill yellow-legged frog	Yes	LTS	LTS	LTS	LTS
Western spadefoot	No	<u>S</u> /SU	LTS	LTS	LTS
Reptiles					
Giant garter snake	Yes	LTS	LTS	LTS	LTS
Western pond turtle	Yes	LTS	LTS	LTS	LTS
Coast horned lizard	No	LTS	LTSM	LTSM	LTSM

Common Name	Covered Species?	Alternative 1	Alternative 2	Alternative 3	Alternative 4
Birds					
Swainson's hawk	Yes	<u>S</u> /SU	LTS	LTS	LTS
California black rail	Yes	LTS	LTS	LTS	LTS
Western burrowing owl	Yes	<u>S</u> /SU	LTS	LTS	LTS
Tricolored blackbird	Yes	<u>S</u> /SU	LTS	LTS	LTS
Mammals					
Non-covered bats	No	LTS	LTSM	LTSM	LTSM
American badger	No	<u>S</u> /SU	LTSM	LTSM	LTSM

S/SU = significant (NEPA) / significant and unavoidable (CEQA); LTS = less than significant; LTSM = less than significant with mitigation.

The following non-biological resources had less-than-significant impacts or no impact under all action alternatives.

- Land Use and Planning.
- Mineral Resources.
- Population and Housing, Socioeconomics, and Environmental Justice.
- Recreation.

The following non-biological resources had NEPA impacts that were significant and CEQA impacts that were significant and unavoidable under all action alternatives.

- Agricultural and Forestry Resources.
- Air Quality, Greenhouse Gases, and Climate Change.
- Cultural and Paleontological Resources.
- Hydrology and Water Quality.
- Noise and Vibration.
- Transportation and Circulation.

Table ES-2 summarizes the impact determinations for the alternatives by resource. All of the significant NEPA impacts and significant and unavoidable CEQA impacts under Alternative 1 would result primarily from the activities expected under the implementation of the local jurisdictions' general plans (i.e., permanent development).

Table ES-2. Summary of Impact Determinations by Resource

Resource	Alternative 1	Alternative 2	Alternative 3	Alternative 4
Agricultural and Forestry Resources	<u>S</u> /SU	<u>S</u> /SU	<u>S</u> /SU	<u>S</u> /SU
Air Quality, Greenhouse Gases, and Climate Change	<u>S</u> /SU	<u>S</u> /SU	<u>S</u> /SU	<u>S</u> /SU
Biological Resources	<u>S</u> /SU	LTSM	LTSM	LTSM
Cultural and Paleontological Resources	<u>S</u> /SU	<u>S</u> /SU	<u>S</u> /SU	<u>S</u> /SU
Hydrology and Water Quality	<u>S</u> /SU	<u>S</u> /SU	<u>S</u> /SU	<u>S</u> /SU
Land Use and Planning	NI	LTS	LTS	LTS
Mineral Resources	NI	LTS	LTS	LTS
Noise and Vibration	<u>S</u> /SU	<u>S</u> /SU	<u>S</u> /SU	<u>S</u> /SU
Population and Housing, Socioeconomics, and Environmental Justice	LTS	LTS	LTS	LTS
Recreation	LTS	LTS	LTS	LTS
Transportation and Circulation	<u>S</u> /SU	<u>S</u> /SU	<u>S</u> /SU	<u>S</u> /SU

S/SU = significant (NEPA) / significant and unavoidable (CEQA); LTS = less than significant; LTSM = less than significant with mitigation; NI = no impact.

Issues Raised by Agencies and the Public

The review period for the notice of preparation ended on April 8, 2005. Comments were received from Placer County Flood Control and Water Conservation District; Placer County Department of Facility Services, Special Districts; California Department of Fish and Game (now CDFW); California Department of Conservation; California Department of Transportation (District 3); City of Lincoln; USFWS; and the California Governor's Office of Planning and Research (State Clearinghouse and Planning Unit). The following topics were raised in comments.

- The role of various agencies in development and review of the PCCP and EIS/EIR.
- Definition and use of an environmental baseline in impact analysis.
- Selection and analysis of a range of alternatives.
- Specificity of Covered Activities and associated impact analyses.
- Location of and requirements for mitigation.
- Increased burden on stormwater and flood-carrying facilities and alteration of floodplain boundaries.
- Areas designated for expanded public utilities.
- Impacts on agricultural land including Williamson Act lands.
- Identification and consideration of future transportation facilities.

Areas of Controversy

There are no known areas of controversy at this time.

Issues to be Resolved

There are no known issues to be resolved at this time.

Table ES-3. Summary of Impacts and Mitigation Measures

Impact	Level of Significance: NEPA	Level of Significance: CEQA	Mitigation Measure	Significance after Mitigation: NEPA	Significance after Mitigation: CEQA
Agricultural and Forestry Resources					
Alternative 1—No Action					
Impact AG-1: Conversion of Prime Farmland, Unique Farmland, or Farmland of Statewide Importance to nonagricultural use	SU	SU		N/A	N/A
Impact AG-2: Conflict with existing zoning for agricultural use or with a Williamson Act contract	SU	SU		N/A	N/A
Impact AG-3: Conflict with existing zoning of forest land, timberland, or timberland zoned Timberland Production	NI	NI		N/A	N/A
Impact AG-4: Loss of forest land or conversion of forest land to non-forest use	NI	NI		N/A	N/A
Impact AG-5: Potential to cause other changes in the existing environment which, due to their location or nature, could result in conversion of farmland to nonagricultural use or conversion of forest land to non-forest use	SU	SU		N/A	N/A
Alternative 2—Proposed Action					
Impact AG-1: Conversion of Prime Farmland, Unique Farmland, or Farmland of Statewide Importance to nonagricultural use	SU	SU		N/A	N/A
Impact AG-2: Conflict with existing zoning for agricultural use or with a Williamson Act contract	SU	SU		N/A	N/A
Impact AG-3: Conflict with existing zoning of forest land, timberland, or timberland zoned Timberland Production	NI	NI		N/A	N/A
Impact AG-4: Loss of forest land or conversion of forest land to non-forest use	NI	NI		N/A	N/A

Level of significance: LTS = less than significant; S = significant; SU = significant and unavoidable; NI = no impact; N/A = not applicable.

Impact	Level of Significance: NEPA	Level of Significance: CEQA	Mitigation Measure	Significance after Mitigation: NEPA	Significance after Mitigation: CEQA
Impact AG-5: Potential to cause other changes in the existing environment which, due to their location or nature, could result in conversion of farmland to nonagricultural use or conversion of forest land to non-forest use	SU	SU		N/A	N/A
Alternative 3—Reduced Take/Reduced Fill					
Impact AG-1: Conversion of Prime Farmland, Unique Farmland, or Farmland of Statewide Importance to nonagricultural use	SU	SU		N/A	N/A
Impact AG-2: Conflict with existing zoning for agricultural use or with a Williamson Act contract	SU	SU		N/A	N/A
Impact AG-3: Conflict with existing zoning of forest land, timberland, or timberland zoned Timberland Production	NI	NI		N/A	N/A
Impact AG-4: Loss of forest land or conversion of forest land to non-forest use	NI	NI		N/A	N/A
Impact AG-5: Potential to cause other changes in the existing environment which, due to their location or nature, could result in conversion of farmland to nonagricultural use or conversion of forest land to non-forest use	SU	SU		N/A	N/A
Alternative 4—Reduced Permit Term					
Impact AG-1: Conversion of Prime Farmland, Unique Farmland, or Farmland of Statewide Importance to nonagricultural use	SU	SU		N/A	N/A
Impact AG-2: Conflict with existing zoning for agricultural use or with a Williamson Act contract	SU	SU		N/A	N/A
Impact AG-3: Conflict with existing zoning of forest land, timberland, or timberland zoned Timberland Production	NI	NI		N/A	N/A
Impact AG-4: Loss of forest land or conversion of forest land to non-forest use	NI	NI		N/A	N/A

Level of significance: LTS = less than significant; S = significant; SU = significant and unavoidable; NI = no impact; N/A = not applicable.

Impact	Level of Significance: NEPA	Level of Significance: CEQA	Mitigation Measure	Significance after Mitigation: NEPA	Significance after Mitigation: CEQA
Impact AG-5: Potential to cause other changes in the existing environment which, due to their location or nature, could result in conversion of farmland to nonagricultural use or conversion of forest land to non-forest use	SU	SU		N/A	N/A
Air Quality, Greenhouse Gases, and Climate Change					
Alternative 1—No Action					
Impact AQ-1: Conflict with or obstruct implementation of the applicable air quality plan	SU	SU		N/A	N/A
Impact AQ-2: Violation of any air quality standard or substantial contribution to an existing or projected air quality violation	SU	SU		N/A	N/A
Impact AQ-3: Potential to result in a cumulatively considerable net increase of any criteria pollutant for which the project region is a nonattainment area for an applicable federal or state ambient air quality standard	SU	SU		N/A	N/A
Impact AQ-4: Exposure of sensitive receptors to substantial pollutant concentrations	SU	SU		N/A	N/A
Impact AQ-5: Potential to create objectionable odors affecting a substantial number of people	LTS	LTS		N/A	N/A
Impact AQ-6: Generation of greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment	SU	SU		N/A	N/A
Impact AQ-7: Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing emissions of greenhouse gases	SU	SU		N/A	N/A

Level of significance: LTS = less than significant; S = significant; SU = significant and unavoidable; NI = no impact; N/A = not applicable.

Impact	Level of Significance: NEPA	Level of Significance: CEQA	Mitigation Measure	Significance after Mitigation: NEPA	Significance after Mitigation: CEQA
Alternative 2—Proposed Action					
Impact AQ-1: Conflict with or obstruct implementation of the applicable air quality plan	SU	SU	Mitigation Measure AQ-1: Implement FRAQMD exhaust controls and criteria pollutant offsets during construction and O&M activities	SU	SU
Impact AQ-2: Violation of any air quality standard or substantial contribution to an existing or projected air quality violation	SU	SU	Mitigation Measure AQ-1: Implement FRAQMD exhaust controls and criteria pollutant offsets during construction and O&M activities	SU	SU
Impact AQ-3: Potential to result in a cumulatively considerable net increase of any criteria pollutant for which the project region is a nonattainment area for an applicable federal or state ambient air quality standard	SU	SU	Mitigation Measure AQ-1: Implement Feather River Air Quality Management District exhaust controls and criteria pollutant offsets during construction and operations and maintenance activities	SU	SU
Impact AQ-4: Exposure of sensitive receptors to substantial pollutant concentrations	SU	SU		N/A	N/A
Impact AQ-5: Potential to create objectionable odors affecting a substantial number of people	LTS	LTS		N/A	N/A
Impact AQ-6: Generation of greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment	SU	SU		SU	SU
Impact AQ-7: Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing emissions of greenhouse gases	SU	SU		SU	SU
Alternative 3—Reduced Take/Reduced Fill					
Impact AQ-1: Conflict with or obstruct implementation of the applicable air quality plan	SU	SU	Mitigation Measure AQ-1: Implement FRAQMD exhaust controls and criteria pollutant offsets during construction and O&M activities	SU	SU

Level of significance: LTS = less than significant; S = significant; SU = significant and unavoidable; NI = no impact; N/A = not applicable.

Impact	Level of Significance: NEPA	Level of Significance: CEQA	Mitigation Measure	Significance after Mitigation: NEPA	Significance after Mitigation: CEQA
Impact AQ-2: Violation of any air quality standard or substantial contribution to an existing or projected air quality violation	SU	SU	Mitigation Measure AQ-1: Implement FRAQMD exhaust controls and criteria pollutant offsets during construction and O&M activities	SU	SU
Impact AQ-3: Potential to result in a cumulatively considerable net increase of any criteria pollutant for which the project region is a nonattainment area for an applicable federal or state ambient air quality standard	SU	SU	Mitigation Measure AQ-1: Implement FRAQMD exhaust controls and criteria pollutant offsets during construction and O&M activities	SU	SU
Impact AQ-4: Exposure of sensitive receptors to substantial pollutant concentrations	SU	SU		N/A	N/A
Impact AQ-5: Potential to create objectionable odors affecting a substantial number of people	LTS	LTS		N/A	N/A
Impact AQ-6: Generation of greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment	SU	SU		SU	SU
Impact AQ-7: Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing emissions of greenhouse gases	SU	SU		SU	SU
Alternative 4—Reduced Permit Term					
Impact AQ-1: Conflict with or obstruct implementation of the applicable air quality plan	SU	SU	Mitigation Measure AQ-1: Implement FRAQMD exhaust controls and criteria pollutant offsets during construction and O&M activities	SU	SU
Impact AQ-2: Violation of any air quality standard or substantial contribution to an existing or projected air quality violation	SU	SU	Mitigation Measure AQ-1: Implement FRAQMD exhaust controls and criteria pollutant offsets during construction and O&M activities	SU	SU
Impact AQ-3: Potential to result in a cumulatively considerable net increase of any criteria pollutant for which the project region is a nonattainment area for an applicable federal or state ambient air quality standard	SU	SU	Mitigation Measure AQ-1: Implement FRAQMD exhaust controls and criteria pollutant offsets during construction and O&M activities	SU	SU

Level of significance: LTS = less than significant; S = significant; SU = significant and unavoidable; NI = no impact; N/A = not applicable.

Impact	Level of Significance: NEPA	Level of Significance: CEQA	Mitigation Measure	Significance after Mitigation: NEPA	Significance after Mitigation: CEQA
Impact AQ-4: Exposure of sensitive receptors to substantial pollutant concentrations	SU	SU		N/A	N/A
Impact AQ-5: Potential to create objectionable odors affecting a substantial number of people	LTS	LTS		N/A	N/A
Impact AQ-6: Generation of greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment	SU	SU		SU	SU
Impact AQ-7: Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing emissions of greenhouse gases	SU	SU		SU	SU
Biological Resources					
Alternative 1—No Action					
Impact BIO-1: Effects on vernal pool complex	SU	SU		N/A	N/A
Impact BIO-2: Effects on grassland	SU	SU		N/A	N/A
Impact BIO-3: Effects on aquatic/wetland complex	LTS	LTS		N/A	N/A
Impact BIO-4: Effects on riverine/riparian complex	LTS	LTS		N/A	N/A
Impact BIO-5: Effects on oak woodland	SU	SU		N/A	N/A
Impact BIO-6: Effects on valley oak woodland	SU	SU		N/A	N/A
Impact BIO-7: Effects on special-status plants in vernal pool habitats	SU	SU		N/A	N/A
Impact BIO-8: Effects on special-status plants in oak woodland habitats	SU	SU		N/A	N/A
Impact BIO-9: Effects on special-status plants in grassland habitats	SU	SU		N/A	N/A
Impact BIO-10: Effects on special-status plants in fresh emergent marsh and riverine habitats	SU	SU		N/A	N/A

Level of significance: LTS = less than significant; S = significant; SU = significant and unavoidable; NI = no impact; N/A = not applicable.

Impact	Level of Significance: NEPA	Level of Significance: CEQA	Mitigation Measure	Significance after Mitigation: NEPA	Significance after Mitigation: CEQA
Impact BIO-11: Potential for construction and operation effects on Chinook salmon (fall-/late fall-run) and Central Valley steelhead	LTS	LTS		N/A	N/A
Impact BIO-12: Potential for construction and operation effects on non-covered species (hardhead and Pacific lamprey)	LTS	LTS		N/A	N/A
Impact BIO-13: Effects on valley elderberry longhorn beetle	LTS	LTS		N/A	N/A
Impact BIO-14: Effects on vernal pool branchiopods	SU	SU		N/A	N/A
Impact BIO-15: Effects on California red-legged frog	LTS	LTS		N/A	N/A
Impact BIO-16: Effects on foothill yellow-legged frog	LTS	LTS		N/A	N/A
Impact BIO-17: Effects on western spadefoot, a non-covered species	SU	SU		N/A	N/A
Impact BIO-18: Effects on giant garter snake	LTS	LTS		N/A	N/A
Impact BIO-19: Effects on western pond turtle	LTS	LTS		N/A	N/A
Impact BIO-20: Effects on coast horned lizard, a non-covered species	LTS	LTS		N/A	N/A
Impact BIO-21: Effects on Swainson's hawk	SU	SU		N/A	N/A
Impact BIO-22: Effects on California black rail	LTS	LTS		N/A	N/A
Impact BIO-23: Effects on burrowing owl	SU	SU		N/A	N/A
Impact BIO-24: Effects on tricolored blackbird	SU	SU		N/A	N/A
Impact BIO-25: Effects on non-covered bats	LTS	LTS		N/A	N/A
Impact BIO-26: Effects on American badger, a non-covered species	SU	SU		N/A	N/A
Impact BIO-27: Effects on protected wetlands and waters	LTS	LTS		N/A	N/A
Impact BIO-28: Effects on fish and wildlife corridors	SU	SU		N/A	N/A

Level of significance: LTS = less than significant; S = significant; SU = significant and unavoidable; NI = no impact; N/A = not applicable.

Impact	Level of Significance: NEPA	Level of Significance: CEQA	Mitigation Measure	Significance after Mitigation: NEPA	Significance after Mitigation: CEQA
Impact BIO-29: Effects of invasive plant species	LTS	LTS		N/A	N/A
Alternative 2—Proposed Action				N/A	N/A
Impact BIO-1: Effects on vernal pool complex	LTS	LTS		N/A	N/A
Impact BIO-2: Effects on grassland	LTS	LTS		N/A	N/A
Impact BIO-3: Effects on aquatic/wetland complex	LTS	LTS		N/A	N/A
Impact BIO-4: Effects on riverine/riparian complex	LTS	LTS		N/A	N/A
Impact BIO-5: Effects on oak woodland	LTS	LTS		N/A	N/A
Impact BIO-6: Effects on valley oak woodland	LTS	LTS		N/A	N/A
Impact BIO-7: Effects on special-status plants in vernal pool habitats	S	S	Mitigation Measure BIO-1: Conduct surveys for and avoid special-status plants in proposed restoration and enhancement areas	LTS	LTS
Impact BIO-8: Effects on special-status plants in oak woodland habitats	S	S	Mitigation Measure BIO-1: Conduct surveys for and avoid special-status plants in proposed restoration and enhancement areas	LTS	LTS
Impact BIO-9: Effects on special-status plants in grassland habitats	S	S	Mitigation Measure BIO-1: Conduct surveys for and avoid special-status plants in proposed restoration and enhancement areas	LTS	LTS
Impact BIO-10: Effects on special-status plants in fresh emergent marsh and riverine habitats	S	S	Mitigation Measure BIO-1: Conduct surveys for and avoid special-status plants in proposed restoration and enhancement areas	LTS	LTS
Impact BIO-11: Potential for construction and operation effects on Chinook salmon (fall-/late fall-run) and Central Valley steelhead	LTS	LTS		N/A	N/A

Level of significance: LTS = less than significant; S = significant; SU = significant and unavoidable; NI = no impact; N/A = not applicable.

Impact	Level of Significance: NEPA	Level of Significance: CEQA	Mitigation Measure	Significance after Mitigation: NEPA	Significance after Mitigation: CEQA
Impact BIO-12: Potential for construction and operation effects on non-covered species (hardhead and Pacific lamprey)	LTS	LTS		N/A	N/A
Impact BIO-13: Effects on valley elderberry longhorn beetle	LTS	LTS		N/A	N/A
Impact BIO-14: Effects on vernal pool branchiopods	LTS	LTS		N/A	N/A
Impact BIO-15: Effects on California red-legged frog	LTS	LTS		N/A	N/A
Impact BIO-16: Effects on foothill yellow-legged frog	LTS	LTS		N/A	N/A
Impact BIO-17: Effects on western spadefoot, a non-covered species	LTS	LTS		N/A	N/A
Impact BIO-18: Effects on giant garter snake	LTS	LTS		N/A	N/A
Impact BIO-19: Effects on western pond turtle	LTS	LTS		N/A	N/A
Impact BIO-20: Effects on coast horned lizard, a non-covered species	S	S	Mitigation Measure BIO-2: Conduct preconstruction surveys for coast horned lizard	LTS	LTS
Impact BIO-21: Effects on Swainson's hawk	LTS	LTS		N/A	N/A
Impact BIO-22: Effects on California black rail	LTS	LTS		N/A	N/A
Impact BIO-23: Effects on burrowing owl	LTS	LTS		N/A	N/A
Impact BIO-24: Effects on tricolored blackbird	LTS	LTS		N/A	N/A
Impact BIO-25: Effects on non-covered bats	S	S	Mitigation Measure BIO-3: Conduct preconstruction surveys for roosting bats and implement protective measures <u>when implementing certain PCCP conservation measures</u>	LTS	LTS
Impact BIO-26: Effects on American badger, a non-covered species	S	S	Mitigation Measure BIO-4: Conduct preconstruction survey for American badger <u>when implementing certain PCCP conservation measures</u>	LTS	LTS

Level of significance: LTS = less than significant; S = significant; SU = significant and unavoidable; NI = no impact; N/A = not applicable.

Impact	Level of Significance: NEPA	Level of Significance: CEQA	Mitigation Measure	Significance after Mitigation: NEPA	Significance after Mitigation: CEQA
Impact BIO-27: Effects on protected wetlands and waters	LTS	LTS		N/A	N/A
Impact BIO-28: Effects on fish and wildlife corridors	LTS	LTS		N/A	N/A
Impact BIO-29: Effects of invasive plant species	LTS	LTS		N/A	N/A
Alternative 3—Reduced Take/Reduced Fill				N/A	N/A
Impact BIO-1: Effects on vernal pool complex	LTS	LTS		N/A	N/A
Impact BIO-2: Effects on grassland	LTS	LTS		N/A	N/A
Impact BIO-3: Effects on aquatic/wetland complex	LTS	LTS		N/A	N/A
Impact BIO-4: Effects on riverine/riparian complex	LTS	LTS		N/A	N/A
Impact BIO-5: Effects on oak woodland	LTS	LTS		N/A	N/A
Impact BIO-6: Effects on valley oak woodland	LTS	LTS		N/A	N/A
Impact BIO-7: Effects on special-status plants in vernal pool habitats	S	S	Mitigation Measure BIO-1: Conduct surveys for and avoid special-status plants in proposed restoration and enhancement areas	LTS	LTS
Impact BIO-8: Effects on special-status plants in oak woodland habitats	S	S	Mitigation Measure BIO-1: Conduct surveys for and avoid special-status plants in proposed restoration and enhancement areas	LTS	LTS
Impact BIO-9: Effects on special-status plants in grassland habitats	S	S	Mitigation Measure BIO-1: Conduct surveys for and avoid special-status plants in proposed restoration and enhancement areas	LTS	LTS
Impact BIO-10: Effects on special-status plants in fresh emergent marsh and riverine habitats	S	S	Mitigation Measure BIO-1: Conduct surveys for and avoid special-status plants in proposed restoration and enhancement areas	LTS	LTS
Impact BIO-11: Potential for construction and operation effects on Chinook salmon (fall-/late fall-run) and Central Valley steelhead	LTS	LTS		N/A	N/A

Level of significance: LTS = less than significant; S = significant; SU = significant and unavoidable; NI = no impact; N/A = not applicable.

Impact	Level of Significance: NEPA	Level of Significance: CEQA	Mitigation Measure	Significance after Mitigation: NEPA	Significance after Mitigation: CEQA
Impact BIO-12: Potential for construction and operation effects on non-covered species (hardhead and Pacific lamprey)	LTS	LTS		N/A	N/A
Impact BIO-13: Effects on valley elderberry longhorn beetle	LTS	LTS		N/A	N/A
Impact BIO-14: Effects on vernal pool branchiopods	LTS	LTS		N/A	N/A
Impact BIO-15: Effects on California red-legged frog	LTS	LTS		N/A	N/A
Impact BIO-16: Effects on foothill yellow-legged frog	LTS	LTS		N/A	N/A
Impact BIO-17: Effects on western spadefoot, a non-covered species	LTS	LTS		N/A	N/A
Impact BIO-18: Effects on giant garter snake	LTS	LTS		N/A	N/A
Impact BIO-19: Effects on western pond turtle	LTS	LTS		N/A	N/A
Impact BIO-20: Effects on coast horned lizard, a non-covered species	S	S	Mitigation Measure BIO-2: Conduct preconstruction surveys for coast horned lizard	LTS	LTS
Impact BIO-21: Effects on Swainson's hawk	LTS	LTS		N/A	N/A
Impact BIO-22: Effects on California black rail	LTS	LTS		N/A	N/A
Impact BIO-23: Effects on burrowing owl	LTS	LTS		N/A	N/A
Impact BIO-24: Effects on tricolored blackbird	LTS	LTS		N/A	N/A
Impact BIO-25: Effects on non-covered bats	S	S	Mitigation Measure BIO-3: Conduct preconstruction surveys for roosting bats and implement protective measures <u>when implementing certain PCCP conservation measures</u>	LTS	LTS
Impact BIO-26: Effects on American badger, a non-covered species	S	S	Mitigation Measure BIO-4: Conduct preconstruction survey for American badger <u>when implementing certain PCCP conservation measures</u>	LTS	LTS

Level of significance: LTS = less than significant; S = significant; SU = significant and unavoidable; NI = no impact; N/A = not applicable.

Impact	Level of Significance: NEPA	Level of Significance: CEQA	Mitigation Measure	Significance after Mitigation: NEPA	Significance after Mitigation: CEQA
Impact BIO-27: Effects on protected wetlands and waters	LTS	LTS		N/A	N/A
Impact BIO-28: Effects on fish and wildlife corridors	LTS	LTS		N/A	N/A
Impact BIO-29: Effects of invasive plant species	LTS	LTS		N/A	N/A
Alternative 4—Reduced Permit Term				N/A	N/A
Impact BIO-1: Effects on vernal pool complex	LTS	LTS		N/A	N/A
Impact BIO-2: Effects on grassland	LTS	LTS		N/A	N/A
Impact BIO-3: Effects on aquatic/wetland complex	LTS	LTS		N/A	N/A
Impact BIO-4: Effects on riverine/riparian complex	LTS	LTS		N/A	N/A
Impact BIO-5: Effects on oak woodland	LTS	LTS		N/A	N/A
Impact BIO-6: Effects on valley oak woodland	LTS	LTS		N/A	N/A
Impact BIO-7: Effects on special-status plants in vernal pool habitats	S	S	Mitigation Measure BIO-1: Conduct surveys for and avoid special-status plants in proposed restoration and enhancement areas	LTS	LTS
Impact BIO-8: Effects on special-status plants in oak woodland habitats	S	S	Mitigation Measure BIO-1: Conduct surveys for and avoid special-status plants in proposed restoration and enhancement areas	LTS	LTS
Impact BIO-9: Effects on special-status plants in grassland habitats	S	S	Mitigation Measure BIO-1: Conduct surveys for and avoid special-status plants in proposed restoration and enhancement areas	LTS	LTS
Impact BIO-10: Effects on special-status plants in fresh emergent marsh and riverine habitats	S	S	Mitigation Measure BIO-1: Conduct surveys for and avoid special-status plants in proposed restoration and enhancement areas	LTS	LTS
Impact BIO-11: Potential for construction and operation effects on Chinook salmon (fall-/late fall-run) and Central Valley steelhead	LTS	LTS		N/A	N/A

Level of significance: LTS = less than significant; S = significant; SU = significant and unavoidable; NI = no impact; N/A = not applicable.

Impact	Level of Significance: NEPA	Level of Significance: CEQA	Mitigation Measure	Significance after Mitigation: NEPA	Significance after Mitigation: CEQA
Impact BIO-12: Potential for construction and operation effects on non-covered species (hardhead and Pacific lamprey)	LTS	LTS		N/A	N/A
Impact BIO-13: Effects on valley elderberry longhorn beetle	LTS	LTS		N/A	N/A
Impact BIO-14: Effects on vernal pool branchiopods	LTS	LTS		N/A	N/A
Impact BIO-15: Effects on California red-legged frog	LTS	LTS		N/A	N/A
Impact BIO-16: Effects on foothill yellow-legged frog	LTS	LTS		N/A	N/A
Impact BIO-17: Effects on western spadefoot, a non-covered species	LTS	LTS		N/A	N/A
Impact BIO-18: Effects on giant garter snake	LTS	LTS		N/A	N/A
Impact BIO-19: Effects on western pond turtle	LTS	LTS		N/A	N/A
Impact BIO-20: Effects on coast horned lizard, a non-covered species	S	S	Mitigation Measure BIO-2: Conduct preconstruction surveys for coast horned lizard	LTS	LTS
Impact BIO-21: Effects on Swainson's hawk	LTS	LTS		N/A	N/A
Impact BIO-22: Effects on California black rail	LTS	LTS		N/A	N/A
Impact BIO-23: Effects on burrowing owl	LTS	LTS		N/A	N/A
Impact BIO-24: Effects on tricolored blackbird	LTS	LTS		N/A	N/A
Impact BIO-25: Effects on non-covered bats	S	S	Mitigation Measure BIO-3: Conduct preconstruction surveys for roosting bats and implement protective measures <u>when implementing certain PCCP conservation measures</u>	LTS	LTS
Impact BIO-26: Effects on American badger, a non-covered species	S	S	Mitigation Measure BIO-4: Conduct preconstruction survey for American badger <u>when implementing certain PCCP conservation measures</u>	LTS	LTS

Level of significance: LTS = less than significant; S = significant; SU = significant and unavoidable; NI = no impact; N/A = not applicable.

Impact	Level of Significance: NEPA	Level of Significance: CEQA	Mitigation Measure	Significance after Mitigation: NEPA	Significance after Mitigation: CEQA
Impact BIO-27: Effects on protected wetlands and waters	LTS	LTS		N/A	N/A
Impact BIO-28: Effects on fish and wildlife corridors	LTS	LTS		N/A	N/A
Impact BIO-29: Effects of invasive plant species	LTS	LTS		N/A	N/A
Cultural and Paleontological Resources					
Alternative 1—No Action					
Impact CUL-1: Potential to cause alteration of characteristics of known or unknown cultural resources that may qualify such resources for listing in the NRHP (NEPA) or CRHR (CEQA)	SU	SU		N/A	N/A
Impact CUL-2: Disturbance of any human remains, including those interred outside of dedicated cemeteries	LTS	LTS		N/A	N/A
Impact CUL-3: Direct or indirect destruction of a unique paleontological resource or site or unique geologic feature	SU	SU		N/A	N/A
Alternative 2—Proposed Action					
Impact CUL-1: Potential to cause alteration of characteristics of known or unknown cultural resources that may qualify such resources for listing in the NRHP (NEPA) or CRHR (CEQA)	SU	SU		N/A	N/A
Impact CUL-2: Disturbance of any human remains, including those interred outside of dedicated cemeteries	LTS	LTS		N/A	N/A
Impact CUL-3: Direct or indirect destruction of a unique paleontological resource or site or unique geologic feature	SU	SU	Mitigation Measure CUL-1: Retain a qualified professional paleontologist to monitor significant ground-disturbing activities Mitigation Measure CUL-2: Stop work if substantial fossil remains are encountered during construction	SU	SU

Level of significance: LTS = less than significant; S = significant; SU = significant and unavoidable; NI = no impact; N/A = not applicable.

Impact	Level of Significance: NEPA	Level of Significance: CEQA	Mitigation Measure	Significance after Mitigation: NEPA	Significance after Mitigation: CEQA
Alternative 3—Reduced Take/Reduced Fill					
Impact CUL-1: Potential to cause alteration of characteristics of known or unknown cultural resources that may qualify such resources for listing in the NRHP (NEPA) or CRHR (CEQA)	SU	SU		N/A	N/A
Impact CUL-2: Disturbance of any human remains, including those interred outside of dedicated cemeteries	LTS	LTS		N/A	N/A
Impact CUL-3: Direct or indirect destruction of a unique paleontological resource or site or unique geologic feature	SU	SU	Mitigation Measure CUL-1: Retain a qualified professional paleontologist to monitor significant ground-disturbing activities Mitigation Measure CUL-2: Stop work if substantial fossil remains are encountered during construction	SU	SU
Alternative 4—Reduced Permit Term					
Impact CUL-1: Potential to cause alteration of characteristics of known or unknown cultural resources that may qualify such resources for listing in the NRHP (NEPA) or CRHR (CEQA)	SU	SU		N/A	N/A
Impact CUL-2: Disturbance of any human remains, including those interred outside of dedicated cemeteries	LTS	LTS		N/A	N/A
Impact CUL-3: Direct or indirect destruction of a unique paleontological resource or site or unique geologic feature	SU	SU	Mitigation Measure CUL-1: Retain a qualified professional paleontologist to monitor significant ground-disturbing activities Mitigation Measure CUL-2: Stop work if substantial fossil remains are encountered during construction	SU	SU

Level of significance: LTS = less than significant; S = significant; SU = significant and unavoidable; NI = no impact; N/A = not applicable.

Impact	Level of Significance: NEPA	Level of Significance: CEQA	Mitigation Measure	Significance after Mitigation: NEPA	Significance after Mitigation: CEQA
Hydrology and Water Quality					
Alternative 1—No Action					
Impact WQ-1: Violation of any water quality standards or waste discharge requirements	LTS	LTS		N/A	N/A
Impact WQ-2: Substantial depletion of groundwater supplies or substantial interference with groundwater recharge	LTS	LTS		N/A	N/A
Impact WQ-3: Substantial alteration of existing drainage patterns in a manner that would result in substantial erosion or siltation onsite or offsite	LTS	LTS		N/A	N/A
Impact WQ-4: Substantial alteration of existing drainage patterns in a manner that would result in flooding onsite or offsite	LTS	LTS		N/A	N/A
Impact WQ-5: Creation of or contribution to runoff water that would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff	LTS	LTS		N/A	N/A
Impact WQ-6: Other substantial degradation of water quality	LTS	LTS		N/A	N/A
Impact WQ-7: Placement of housing within a 100-year flood hazard area	LTS	LTS		N/A	N/A
Impact WQ-8: Placement of structures that would impede or redirect flood flows within a 100-year flood hazard area	LTS	LTS		N/A	N/A
Impact WQ-9: Exposure of people or structures to significant risk involving flooding, including flooding as a result of the failure of a levee or dam	SU	SU		N/A	N/A
Impact WQ-10: Contribution to inundation by seiche, tsunami, or mudflow	LTS	LTS		N/A	N/A

Level of significance: LTS = less than significant; S = significant; SU = significant and unavoidable; NI = no impact; N/A = not applicable.

Impact	Level of Significance: NEPA	Level of Significance: CEQA	Mitigation Measure	Significance after Mitigation: NEPA	Significance after Mitigation: CEQA
Alternative 2—Proposed Action					
Impact WQ-1: Violation of any water quality standards or waste discharge requirements	LTS	LTS		N/A	N/A
Impact WQ-2: Substantial depletion of groundwater supplies or substantial interference with groundwater recharge	LTS	LTS		N/A	N/A
Impact WQ-3: Substantial alteration of existing drainage patterns in a manner that would result in substantial erosion or siltation onsite or offsite	LTS	LTS		N/A	N/A
Impact WQ-4: Substantial alteration of existing drainage patterns in a manner that would result in flooding onsite or offsite	LTS	LTS		N/A	N/A
Impact WQ-5: Creation of or contribution to runoff water that would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff	LTS	LTS		N/A	N/A
Impact WQ-6: Other substantial degradation of water quality	LTS	LTS		N/A	N/A
Impact WQ-7: Placement of housing within a 100-year flood hazard area	LTS	LTS		N/A	N/A
Impact WQ-8: Placement of structures that would impede or redirect flood flows within a 100-year flood hazard area	LTS	LTS		N/A	N/A
Impact WQ-9: Exposure of people or structures to significant risk involving flooding, including flooding as a result of the failure of a levee or dam	SU	SU		N/A	N/A
Impact WQ-10: Contribution to inundation by seiche, tsunami, or mudflow	LTS	LTS		N/A	N/A

Level of significance: LTS = less than significant; S = significant; SU = significant and unavoidable; NI = no impact; N/A = not applicable.

Impact	Level of Significance: NEPA	Level of Significance: CEQA	Mitigation Measure	Significance after Mitigation: NEPA	Significance after Mitigation: CEQA
Alternative 3—Reduced Take/Reduced Fill					
Impact WQ-1: Violation of any water quality standards or waste discharge requirements	LTS	LTS		N/A	N/A
Impact WQ-2: Substantial depletion of groundwater supplies or substantial interference with groundwater recharge	LTS	LTS		N/A	N/A
Impact WQ-3: Substantial alteration of existing drainage patterns in a manner that would result in substantial erosion or siltation onsite or offsite	LTS	LTS		N/A	N/A
Impact WQ-4: Substantial alteration of existing drainage patterns in a manner that would result in flooding onsite or offsite	LTS	LTS		N/A	N/A
Impact WQ-5: Creation of or contribution to runoff water that would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff	LTS	LTS		N/A	N/A
Impact WQ-6: Other substantial degradation of water quality	LTS	LTS		N/A	N/A
Impact WQ-7: Placement of housing within a 100-year flood hazard area	LTS	LTS		N/A	N/A
Impact WQ-8: Placement of structures that would impede or redirect flood flows within a 100-year flood hazard area	LTS	LTS		N/A	N/A
Impact WQ-9: Exposure of people or structures to significant risk involving flooding, including flooding as a result of the failure of a levee or dam	SU	SU		N/A	N/A
Impact WQ-10: Contribution to inundation by seiche, tsunami, or mudflow	LTS	LTS		N/A	N/A

Level of significance: LTS = less than significant; S = significant; SU = significant and unavoidable; NI = no impact; N/A = not applicable.

Impact	Level of Significance: NEPA	Level of Significance: CEQA	Mitigation Measure	Significance after Mitigation: NEPA	Significance after Mitigation: CEQA
Alternative 4—Reduced Permit Term					
Impact WQ-1: Violation of any water quality standards or waste discharge requirements	LTS	LTS		N/A	N/A
Impact WQ-2: Substantial depletion of groundwater supplies or substantial interference with groundwater recharge	LTS	LTS		N/A	N/A
Impact WQ-3: Substantial alteration of existing drainage patterns in a manner that would result in substantial erosion or siltation onsite or offsite	LTS	LTS		N/A	N/A
Impact WQ-4: Substantial alteration of existing drainage patterns in a manner that would result in flooding onsite or offsite	LTS	LTS		N/A	N/A
Impact WQ-5: Creation of or contribution to runoff water that would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff	LTS	LTS		N/A	N/A
Impact WQ-6: Other substantial degradation of water quality	LTS	LTS		N/A	N/A
Impact WQ-7: Placement of housing within a 100-year flood hazard area	LTS	LTS		N/A	N/A
Impact WQ-8: Placement of structures that would impede or redirect flood flows within a 100-year flood hazard area	LTS	LTS		N/A	N/A
Impact WQ-9: Exposure of people or structures to significant risk involving flooding, including flooding as a result of the failure of a levee or dam	SU	SU		N/A	N/A
Impact WQ-10: Contribution to inundation by seiche, tsunami, or mudflow	LTS	LTS		N/A	N/A

Level of significance: LTS = less than significant; S = significant; SU = significant and unavoidable; NI = no impact; N/A = not applicable.

Impact	Level of Significance: NEPA	Level of Significance: CEQA	Mitigation Measure	Significance after Mitigation: NEPA	Significance after Mitigation: CEQA
Land Use and Planning					
Alternative 1—No Action					
Impact LU-1: Physical division of an established community	NI	NI		N/A	N/A
Impact LU-2: Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project adopted for the purpose of avoiding or mitigating an environmental effect	NI	NI		N/A	N/A
Impact LU-3: Conflict with any applicable habitat conservation plan or natural community conservation plan	NI	NI		N/A	N/A
Impact LU-4: Result in safety hazards due to creation, restoration, or enhancement of habitats that can result in the creation of wildlife attractants in the vicinity of airports as identified in <i>FAA Advisory Circular 150-5200-33B Hazardous Wildlife Attractants on or Near Airports</i>	NI	N/A		N/A	N/A
Alternative 2—Proposed Action					
Impact LU-1: Physical division of an established community	LTS	LTS		N/A	N/A
Impact LU-2: Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project adopted for the purpose of avoiding or mitigating an environmental effect	LTS	LTS		N/A	N/A
Impact LU-3: Conflict with any applicable habitat conservation plan or natural community conservation plan	LTS	LTS		N/A	N/A
Impact LU-4: Result in safety hazards due to creation, restoration, or enhancement of habitats that can result in the creation of wildlife attractants in the vicinity of airports as identified in <i>FAA Advisory Circular 150-5200-33B Hazardous Wildlife Attractants on or Near Airports</i>	LTS	N/A		N/A	N/A

Level of significance: LTS = less than significant; S = significant; SU = significant and unavoidable; NI = no impact; N/A = not applicable.

Impact	Level of Significance: NEPA	Level of Significance: CEQA	Mitigation Measure	Significance after Mitigation: NEPA	Significance after Mitigation: CEQA
Alternative 3—Reduced Take/Reduced Fill					
Impact LU-1: Physical division of an established community	LTS	LTS		N/A	N/A
Impact LU-2: Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project adopted for the purpose of avoiding or mitigating an environmental effect	LTS	LTS		N/A	N/A
Impact LU-3: Conflict with any applicable habitat conservation plan or natural community conservation plan	LTS	LTS		N/A	N/A
Impact LU-4: Result in safety hazards due to creation, restoration, or enhancement of habitats that can result in the creation of wildlife attractants in the vicinity of airports as identified in <i>FAA Advisory Circular 150-5200-33B Hazardous Wildlife Attractants on or Near Airports</i>	LTS	N/A		N/A	N/A
Alternative 4—Reduced Permit Term					
Impact LU-1: Physical division of an established community	LTS	LTS		N/A	N/A
Impact LU-2: Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project adopted for the purpose of avoiding or mitigating an environmental effect	LTS	LTS		N/A	N/A
Impact LU-3: Conflict with any applicable habitat conservation plan or natural community conservation plan	LTS	LTS		N/A	N/A
Impact LU-4: Result in safety hazards due to creation, restoration, or enhancement of habitats that can result in the creation of wildlife attractants in the vicinity of airports as identified in <i>FAA Advisory Circular 150-5200-33B Hazardous Wildlife Attractants on or Near Airports</i>	LTS	N/A		N/A	N/A

Level of significance: LTS = less than significant; S = significant; SU = significant and unavoidable; NI = no impact; N/A = not applicable.

Impact	Level of Significance: NEPA	Level of Significance: CEQA	Mitigation Measure	Significance after Mitigation: NEPA	Significance after Mitigation: CEQA
Mineral Resources					
Alternative 1—No Action					
Impact MIN-1: Contribute to the loss of availability of a known mineral resource that would be of value to the region and the residents of the state	NI	NI		N/A	N/A
Impact MIN-2: Contribute to the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan	NI	NI		N/A	N/A
Alternative 2—Proposed Action					
Impact MIN-1: Contribute to the loss of availability of a known mineral resource that would be of value to the region and the residents of the state	LTS	LTS		N/A	N/A
Impact MIN-2: Contribute to the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan	NI	NI		N/A	N/A
Alternative 3—Reduced Take/Reduced Fill					
Impact MIN-1: Contribute to the loss of availability of a known mineral resource that would be of value to the region and the residents of the state	LTS	LTS		N/A	N/A
Impact MIN-2: Contribute to the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan	NI	NI		N/A	N/A
Alternative 4—Reduced Permit Term					
Impact MIN-1: Contribute to the loss of availability of a known mineral resource that would be of value to the region and the residents of the state	LTS	LTS		N/A	N/A

Level of significance: LTS = less than significant; S = significant; SU = significant and unavoidable; NI = no impact; N/A = not applicable.

Impact	Level of Significance: NEPA	Level of Significance: CEQA	Mitigation Measure	Significance after Mitigation: NEPA	Significance after Mitigation: CEQA
Impact MIN-2: Contribute to the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan	NI	NI		N/A	N/A
Noise and Vibration					
Alternative 1—No Action					
Impact NOI-1: Exposure of persons to or generation of noise levels in excess of applicable standards	SU	SU		N/A	N/A
Impact NOI-2: Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels	SU	SU		N/A	N/A
Impact NOI-3: Generation of a substantial permanent increase in existing ambient noise levels in the project vicinity	SU	SU		N/A	N/A
Impact NOI-4: Creation of a substantial temporary or periodic increase in existing ambient noise levels in the project vicinity	SU	SU		N/A	N/A
Impact NOI-5: Presence of project-related activities within an airport land use plan area or within 2 miles of a public airport or public use airport, resulting in exposure of people residing or working in the Plan Area to excessive noise levels	LTS	LTS		N/A	N/A
Impact NOI-6: Presence of project-related activities in the vicinity of a private airstrip, resulting in exposure of people residing or working in the Plan Area to excessive noise levels	LTS	LTS		N/A	N/A

Level of significance: LTS = less than significant; S = significant; SU = significant and unavoidable; NI = no impact; N/A = not applicable.

Impact	Level of Significance: NEPA	Level of Significance: CEQA	Mitigation Measure	Significance after Mitigation: NEPA	Significance after Mitigation: CEQA
Alternative 2—Proposed Action					
Impact NOI-1: Exposure of persons to or generation of noise levels in excess of applicable standards	SU	SU	Mitigation Measure NOI-1: Implement measures to reduce noise resulting from conservation measures and Covered Activities during construction and O&M activities to ensure compliance with applicable noise standards, where feasible	SU	SU
Impact NOI-2: Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels	SU	SU	Mitigation Measure NOI-2: Employ vibration-reducing construction practices for vibration-generating activities associated with conservation measures and Covered Activities	SU	SU
Impact NOI-3: Generation of a substantial permanent increase in existing ambient noise levels in the project vicinity	SU	SU		N/A	N/A
Impact NOI-4: Creation of a substantial temporary or periodic increase in existing ambient noise levels in the project vicinity	SU	SU	Mitigation Measure NOI-1: Implement measures to reduce noise resulting from conservation measures and Covered Activities during construction and O&M activities to ensure compliance with applicable noise standards, where feasible.	SU	SU
Impact NOI-5: Presence of project-related activities within an airport land use plan area or within 2 miles of a public airport or public use airport, resulting in exposure of people residing or working in the Plan Area to excessive noise levels	LTS	LTS		N/A	N/A

Level of significance: LTS = less than significant; S = significant; SU = significant and unavoidable; NI = no impact; N/A = not applicable.

Impact	Level of Significance: NEPA	Level of Significance: CEQA	Mitigation Measure	Significance after Mitigation: NEPA	Significance after Mitigation: CEQA
Impact NOI-6: Presence of project-related activities in the vicinity of a private airstrip, resulting in exposure of people residing or working in the Plan Area to excessive noise levels	LTS	LTS		N/A	N/A
Alternative 3—Reduced Take/Reduced Fill					
Impact NOI-1: Exposure of persons to or generation of noise levels in excess of applicable standards	SU	SU	Mitigation Measure NOI-1: Implement measures to reduce noise resulting from conservation measures and Covered Activities during construction and O&M activities to ensure compliance with applicable noise standards, where feasible.	N/A	N/A
Impact NOI-2: Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels	SU	SU	Mitigation Measure NOI-2: Employ vibration-reducing construction practices for vibration-generating activities associated with conservation measures and Covered Activities	SU	SU
Impact NOI-3: Generation of a substantial permanent increase in existing ambient noise levels in the project vicinity	SU	SU		N/A	N/A
Impact NOI-4: Creation of a substantial temporary or periodic increase in existing ambient noise levels in the project vicinity	SU	SU	Mitigation Measure NOI-1: Implement measures to reduce noise resulting from conservation measures and Covered Activities during construction and O&M activities to ensure compliance with applicable noise standards, where feasible.	SU	SU

Level of significance: LTS = less than significant; S = significant; SU = significant and unavoidable; NI = no impact; N/A = not applicable.

Impact	Level of Significance: NEPA	Level of Significance: CEQA	Mitigation Measure	Significance after Mitigation: NEPA	Significance after Mitigation: CEQA
Impact NOI-5: Presence of project-related activities within an airport land use plan area or within 2 miles of a public airport or public use airport, resulting in exposure of people residing or working in the Plan Area to excessive noise levels	LTS	LTS		N/A	N/A
Impact NOI-6: Presence of project-related activities in the vicinity of a private airstrip, resulting in exposure of people residing or working in the Plan Area to excessive noise levels	LTS	LTS		N/A	N/A
Alternative 4—Reduced Permit Term					
Impact NOI-1: Exposure of persons to or generation of noise levels in excess of applicable standards	SU	SU	Mitigation Measure NOI-1: Implement measures to reduce noise resulting from conservation measures and Covered Activities during construction and O&M activities to ensure compliance with applicable noise standards, where feasible.	SU	SU
Impact NOI-2: Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels	SU	SU	Mitigation Measure NOI-2: Employ vibration-reducing construction practices for vibration-generating activities associated with conservation measures and Covered Activities	SU	SU
Impact NOI-3: Generation of a substantial permanent increase in existing ambient noise levels in the project vicinity	SU	SU		N/A	N/A

Level of significance: LTS = less than significant; S = significant; SU = significant and unavoidable; NI = no impact; N/A = not applicable.

Impact	Level of Significance: NEPA	Level of Significance: CEQA	Mitigation Measure	Significance after Mitigation: NEPA	Significance after Mitigation: CEQA
Impact NOI-4: Creation of a substantial temporary or periodic increase in existing ambient noise levels in the project vicinity	SU	SU	Mitigation Measure NOI-1: Implement measures to reduce noise resulting from conservation measures and Covered Activities during construction and O&M activities to ensure compliance with applicable noise standards, where feasible.	SU	SU
Impact NOI-5: Presence of project-related activities within an airport land use plan area or within 2 miles of a public airport or public use airport, resulting in exposure of people residing or working in the Plan Area to excessive noise levels	LTS	LTS		N/A	N/A
Impact NOI-6: Presence of project-related activities in the vicinity of a private airstrip, resulting in exposure of people residing or working in the Plan Area to excessive noise levels	LTS	LTS		N/A	N/A
Population and Housing, Socioeconomics, and Environmental Justice					
Alternative 1—No Action					
Impact SOC-1: Creation of substantial population growth either directly or indirectly	LTS	LTS		N/A	N/A
Impact SOC-2: Displacement of a substantial number of existing housing units, necessitating the construction of replacement housing elsewhere	LTS	LTS		N/A	N/A
Impact SOC-3: Displacement of a substantial number of people, necessitating the construction of replacement housing elsewhere	LTS	LTS		N/A	N/A
Impact SOC-4: Substantially change economic activity in the Plan Area	LTS	N/A		N/A	N/A
Impact SOC-5: Substantially affect property tax revenue	LTS	N/A		N/A	N/A

Level of significance: LTS = less than significant; S = significant; SU = significant and unavoidable; NI = no impact; N/A = not applicable.

Impact	Level of Significance: NEPA	Level of Significance: CEQA	Mitigation Measure	Significance after Mitigation: NEPA	Significance after Mitigation: CEQA
Impact SOC-6: Substantially disproportionately affect minority or low-income populations	LTS	N/A		N/A	N/A
Alternative 2—Proposed Action					
Impact SOC-1: Creation of substantial population growth either directly or indirectly	LTS	LTS		N/A	N/A
Impact SOC-2: Displacement of a substantial number of existing housing units, necessitating the construction of replacement housing elsewhere	LTS	LTS		N/A	N/A
Impact SOC-3: Displacement of a substantial number of people, necessitating the construction of replacement housing elsewhere	LTS	LTS		N/A	N/A
Impact SOC-4: Substantially change economic activity in the Plan Area	LTS	N/A		N/A	N/A
Impact SOC-5: Substantially affect property tax revenue	LTS	N/A		N/A	N/A
Impact SOC-6: Substantially disproportionately affect minority or low-income populations	LTS	N/A		N/A	N/A
Alternative 3—Reduced Take/Reduced Fill					
Impact SOC-1: Creation of substantial population growth either directly or indirectly	LTS	LTS		N/A	N/A
Impact SOC-2: Displacement of a substantial number of existing housing units, necessitating the construction of replacement housing elsewhere	LTS	LTS		N/A	N/A
Impact SOC-3: Displacement of a substantial number of people, necessitating the construction of replacement housing elsewhere	LTS	LTS		N/A	N/A
Impact SOC-4: Substantially change economic activity in the Plan Area	LTS	N/A		N/A	N/A
Impact SOC-5: Substantially affect property tax revenue	LTS	N/A		N/A	N/A

Level of significance: LTS = less than significant; S = significant; SU = significant and unavoidable; NI = no impact; N/A = not applicable.

Impact	Level of Significance: NEPA	Level of Significance: CEQA	Mitigation Measure	Significance after Mitigation: NEPA	Significance after Mitigation: CEQA
Impact SOC-6: Substantially disproportionately affect minority or low-income populations	LTS	N/A		N/A	N/A
Alternative 4—Reduced Permit Term					
Impact SOC-1: Creation of substantial population growth either directly or indirectly	LTS	LTS		N/A	N/A
Impact SOC-2: Displacement of a substantial number of existing housing units, necessitating the construction of replacement housing elsewhere	LTS	LTS		N/A	N/A
Impact SOC-3: Displacement of a substantial number of people, necessitating the construction of replacement housing elsewhere	LTS	LTS		N/A	N/A
Impact SOC-4: Substantially change economic activity in the Plan Area	LTS	N/A		N/A	N/A
Impact SOC-5: Substantially affect property tax revenue	LTS	N/A		N/A	N/A
Impact SOC-6: Substantially disproportionately affect minority or low-income populations	LTS	N/A		N/A	N/A
Recreation					
Alternative 1—No Action					
Impact REC-1: Increased use of existing recreational facilities, resulting in substantial physical deterioration	LTS	LTS		N/A	N/A
Impact REC-2: Construction or expansion of recreational facilities that might have an adverse physical effect on the environment	LTS	LTS		N/A	N/A
Alternative 2—Proposed Action					
Impact REC-1: Increased use of existing recreational facilities, resulting in substantial physical deterioration	LTS	LTS		N/A	N/A
Impact REC-2: Construction or expansion of recreational facilities that might have an adverse physical effect on the environment	LTS	LTS		N/A	N/A

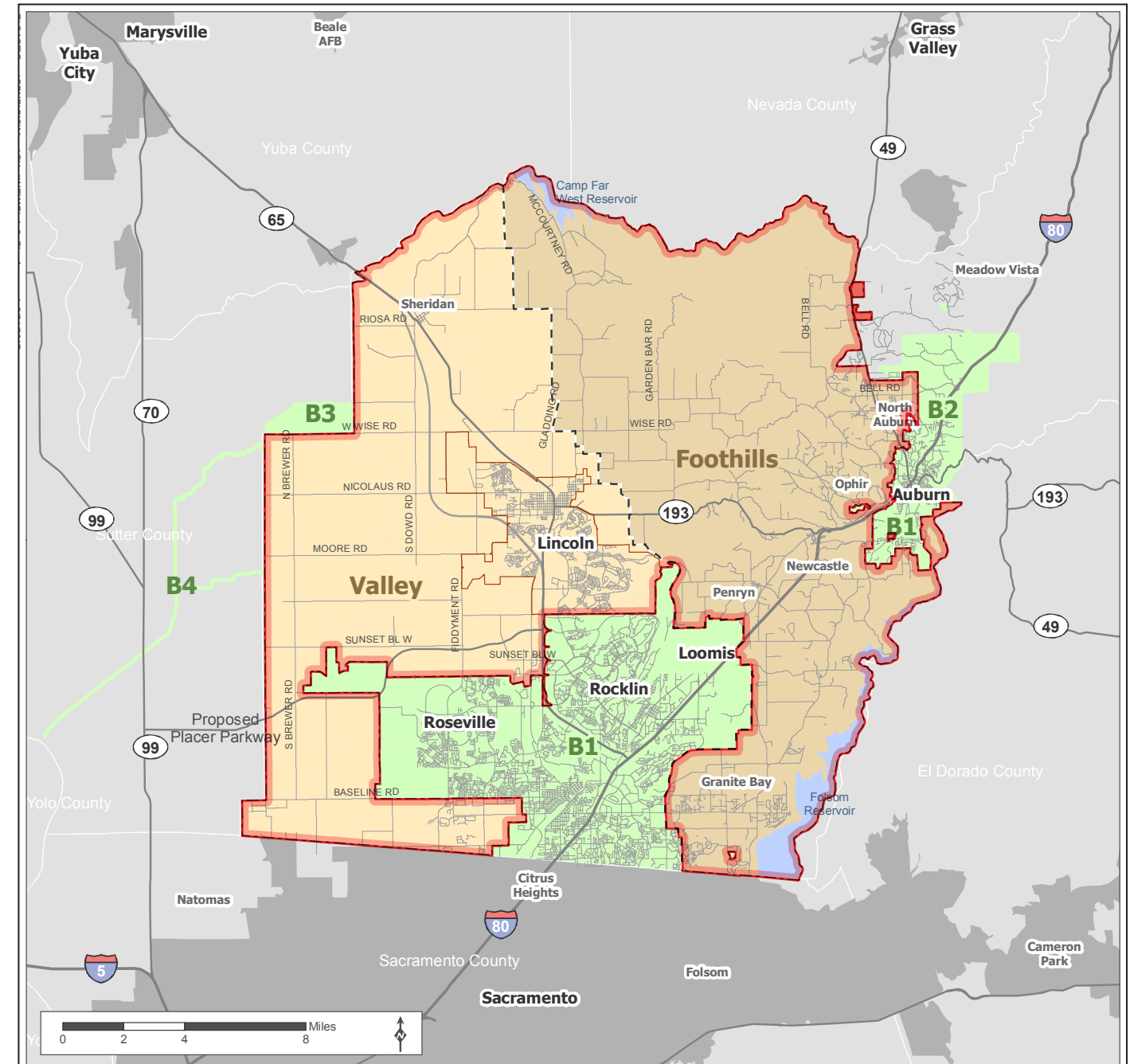
Level of significance: LTS = less than significant; S = significant; SU = significant and unavoidable; NI = no impact; N/A = not applicable.

Impact	Level of Significance: NEPA	Level of Significance: CEQA	Mitigation Measure	Significance after Mitigation: NEPA	Significance after Mitigation: CEQA
Alternative 3—Reduced Take/Reduced Fill					
Impact REC-1: Increased use of existing recreational facilities, resulting in substantial physical deterioration	LTS	LTS		N/A	N/A
Impact REC-2: Construction or expansion of recreational facilities that might have an adverse physical effect on the environment	LTS	LTS		N/A	N/A
Alternative 4—Reduced Permit Term					
Impact REC-1: Increased use of existing recreational facilities, resulting in substantial physical deterioration	LTS	LTS		N/A	N/A
Impact REC-2: Construction or expansion of recreational facilities that might have an adverse physical effect on the environment	LTS	LTS		N/A	N/A
Transportation and Circulation					
Alternative 1—No Action					
Impact TRA-1: Result in a substantial increase in traffic and affect capacity of the roadway system	SU	SU		N/A	N/A
Impact TRA-2: Result in safety hazards due to design features, incompatible uses (e.g., hazards to vehicular, air, pedestrian, or bicycle travel), or inadequate emergency access	LTS	LTS		N/A	N/A
Impact TRA-3: Conflict with transportation plans, programs, and planned projects	NI	NI		N/A	N/A
Alternative 2—Proposed Action					
Impact TRA-1: Result in a substantial increase in traffic and affect capacity of the roadway system	SU	SU		N/A	N/A
Impact TRA-2: Result in safety hazards due to design features, incompatible uses (e.g., hazards to vehicular, air, pedestrian, or bicycle travel), or inadequate emergency access	LTS	LTS		N/A	N/A

Level of significance: LTS = less than significant; S = significant; SU = significant and unavoidable; NI = no impact; N/A = not applicable.

Impact	Level of Significance: NEPA	Level of Significance: CEQA	Mitigation Measure	Significance after Mitigation: NEPA	Significance after Mitigation: CEQA
Impact TRA-3: Conflict with transportation plans, programs, and planned projects	NI	NI		N/A	N/A
Alternative 3—Reduced Take/Reduced Fill					
Impact TRA-1: Result in a substantial increase in traffic and affect capacity of the roadway system	SU	SU		N/A	N/A
Impact TRA-2: Result in safety hazards due to design features, incompatible uses (e.g., hazards to vehicular, pedestrian, or bicycle travel), or inadequate emergency access	LTS	LTS		N/A	N/A
Impact TRA-3: Conflict with transportation plans, programs, and planned projects	NI	NI		N/A	N/A
Alternative 4—Reduced Permit Term					
Impact TRA-1: Result in a substantial increase in traffic and affect capacity of the roadway system	SU	SU		N/A	N/A
Impact TRA-2: Result in safety hazards due to design features, incompatible uses (e.g., hazards to vehicular, pedestrian, or bicycle travel), or inadequate emergency access	LTS	LTS		N/A	N/A
Impact TRA-3: Conflict with transportation plans, programs, and planned projects	NI	NI		N/A	N/A

Level of significance: LTS = less than significant; S = significant; SU = significant and unavoidable; NI = no impact; N/A = not applicable.



Source: Placer County, 2014; MIG | TRA 2015; CalTrans

— Interstate	Plan Area A		
— Highway	Valley	100,921 acres	Plan Area A Boundary
— Road	Foothills	109,295 acres	
— City of Lincoln	All Plan Area A	210,216 acres	
- - Valley/Foothill Divide	Plan Area B		
■ Surrounding Urban Area	B1. Permittee Activity in Non-Participating City Jurisdiction.	50,636 acres	
	B2. PCWA Zone 1 Operations and Maintenance.	6,315 acres	
	B3. Coon Creek Floodplain Conservation.	1,724 acres in Sutter County	
	B4. Fish Passage Channel Improvement.	33 miles of channels in Sutter County	
	B5. Big Gun Conservation Bank.	52 acres in Placer County (Not shown on map)	

Source: Appendix A.



Figure ES-1
Plan Area
Placer County Conservation Program – EIS/EIR