

ATTACHMENT B. SUMMARY OF ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

Resource Area Impact Significance before Mitigation	Potential Mitigation	Significance after Mitigation
Aesthetics		
<p>Impact 1-1: Short-Term Construction-Related Effects to Aesthetics Potentially significant</p>	<p>Mitigation Measure 1-1</p> <p>The Regulatory Setting in Attachment A includes, but is not limited to, applicable laws, and regulations, and policies that provide protection of aesthetic resources. CARB does not have the authority to require implementation of mitigation related to new or modified facilities that would be approved by local jurisdictions. The ability to require such measures is under the purview of jurisdictions with discretionary local land use and/or permitting authority. New or modified facilities in California would qualify as a “project” under CEQA. The jurisdiction with primary permitting authority over a proposed action is the local government Lead Agency, which is required to review the proposed action for compliance with CEQA statutes. Project-specific impacts and mitigation would be identified during the environmental review by lead agencies with project-approval authority. Recognized practices routinely required to avoid and/or minimize impacts to aesthetic resources include:</p> <p style="padding-left: 40px;">Proponents of new or modified facilities constructed as a compliance response to the Proposed Project would coordinate with local land use agencies to seek entitlements for development including the completion of all necessary environmental review requirements (e.g., CEQA). The local land use agency or governing body shall certify that the environmental document was prepared in compliance with applicable regulations and approve the project for development.</p> <p>Based on the results of the environmental review, proponents would implement all mitigation identified in the environmental</p>	<p>Potentially significant and unavoidable</p>

Resource Area Impact Significance before Mitigation	Potential Mitigation	Significance after Mitigation
	<p>document to avoid or substantially lessen the environmental impacts of the project.</p> <p>The project proponent would color and finish the surfaces of all project structures and buildings visible to the public to ensure that they: (1) minimize visual intrusion and contrast by blending with the landscape; (2) minimize glare; and (3) comply with local design policies and ordinances. The project proponent would submit a surface treatment plan to the lead agency for review and approval.</p> <p>To the extent feasible, the sites selected for use as construction staging and laydown areas shall be areas that are already disturbed and/or are in locations of low visual sensitivity. Where possible, construction staging and laydown areas for equipment, personal vehicles, and material storage shall be sited to take advantage of natural screening opportunities provided by existing topography and vegetation.</p> <p>All construction areas shall be kept clean and tidy, including areas of disturbed soils and recent vegetation plantings, and storage shall be screened from view and/or are generally not visible to the general public.</p> <p>Projects and their associated elements will be sited to avoid prominent landscape features, and national historic sites, national trails, and cultural resources.</p> <p>The project proponent shall prepare and implement a construction lighting mitigation plan and submit the plan to the local jurisdiction for review. The plan shall describe the measures to be used to reduce the visibility of on-site construction lighting from neighboring properties.</p>	

Resource Area Impact Significance before Mitigation	Potential Mitigation	Significance after Mitigation
<p>Impact 1-2: Long-Term Operational-Related Effects to Aesthetics Potentially significant</p>	<p>Mitigation Measure 1-2</p> <p>The Regulatory Setting in Attachment A includes, but is not limited to, applicable laws, regulations, and policies that provide protection of aesthetic resources. CARB does not have the authority to require implementation of mitigation measures related to the construction of new or modified facilities in response to the Proposed Project that would be approved by local jurisdictions. The ability to require such measures is under the purview of jurisdictions with discretionary local land use and/or permitting authority. New or modified facilities in California would likely qualify as a “project” under CEQA and, thus, require environmental review. The jurisdiction with primary permitting authority over a proposed action is the Lead Agency, which is required to review the proposed action for compliance with CEQA statutes. Project-specific impacts and mitigation would be identified during the environmental review by agencies with discretionary project-approval authority. Recognized practices routinely required to avoid and/or minimize impacts to aesthetic resources include:</p> <p>Proponents of new or modified facilities or infrastructure constructed as a result of reasonably foreseeable compliance responses would coordinate with State or local land use agencies to seek entitlements for development and meet all necessary environmental review requirements (e.g., those under CEQA). The local or State land use agency or governing body must follow all applicable environmental regulations as part of approval of a project for development.</p> <p>Based on the results of the environmental review, proponents would implement all feasible mitigation to reduce or substantially</p>	<p>Potentially Significant and Unavoidable</p>

Resource Area Impact Significance before Mitigation	Potential Mitigation	Significance after Mitigation
	<p>lessen the potentially significant scenic or aesthetic impacts of the project.</p> <p>The project proponent would color and finish the surfaces of all project structures and buildings visible to the public to: (1) minimize visual intrusion and contrast by blending with the landscape, (2) minimize glare, and (3) comply with local design policies and ordinances. The project proponent would submit a surface treatment plan to the lead agency for review and approval.</p> <p>To the extent feasible, the sites selected for use as construction staging and laydown areas would be areas that are already disturbed and/or are in locations of low visual sensitivity. Where feasible, construction staging and laydown areas for equipment, personal vehicles, and material storage would be sited to take advantage of natural screening opportunities provided by existing structures, topography, and/or vegetation. Temporary visual screens would be used where helpful if existing landscape features did not screen views of the areas.</p> <p>All construction, operation, and maintenance areas would be kept clean and tidy. Disturbed soil would be revegetated, and construction materials and equipment would be screened from view and/or are generally not visible to the public, where feasible.</p> <p>Siting projects and their associated elements next to important scenic landscape features (or in a setting observed from State scenic highways), national historic sites, national trails, or cultural resources would be avoided to the greatest extent feasible.</p> <p>The project proponent would contact the lead agency to discuss the documentation required in a lighting mitigation plan, submit to</p>	

Resource Area Impact Significance before Mitigation	Potential Mitigation	Significance after Mitigation
	the lead agency a plan describing the measures that demonstrate compliance with lighting requirements, and notify the lead agency that the lighting has been completed and is ready for inspection.	
Agriculture and Forestry Resources		
Impact 2-1: Short-Term Construction-Related and Long-Term Operation-Related Effects to Agriculture and Forestry Resources Potentially significant	<p>Mitigation Measure 2-1</p> <p>The regulatory setting in Attachment A includes applicable laws and regulations that relate to agriculture and forestry resources. CARB does not have the authority to require implementation of mitigation related to new or modified facilities or infrastructure that would be approved by State or local jurisdictions or jurisdictions outside of California. The ability to require such measures is under the purview of jurisdictions with local or State land use approval and/or permitting authority. New or modified facilities in California could qualify as a “project” under CEQA and be subject to CEQA review. The jurisdiction with primary approval authority over a proposed project is the lead agency, which is required to review the proposed project for compliance with CEQA statutes. To the extent new or modified facilities in California are subject to CEQA, project-specific impacts and mitigation would be identified during the environmental review by agencies with project-approval authority. Recognized practices routinely required to avoid and/or minimize impacts on agriculture and forestry resources include the following:</p> <p style="padding-left: 40px;">Proponents of new or modified facilities or infrastructure constructed as a result of reasonably foreseeable compliance responses to the Proposed Regulation would coordinate with State or local land use agencies to seek entitlements for development and meet all necessary environmental review requirements (e.g., those under</p>	Potentially significant and unavoidable

Resource Area Impact Significance before Mitigation	Potential Mitigation	Significance after Mitigation
	<p>CEQA). The local or State land use agency or governing body must follow all applicable environmental regulations as part of approval of a project for development.</p> <p>Based on the results of the environmental review, proponents would implement all feasible mitigation identified in the environmental document to reduce or substantially lessen the significant environmental impacts of the project on agriculture and forestry resources because CARB has no land use authority, mitigation is not within its purview to reduce potentially significant impacts to a less-than-significant level. Any mitigation specifically required for a new or modified facility or infrastructure would be determined by the State or local lead agency and future environmental documents prepared by State or local lead agencies should include the following:</p> <ul style="list-style-type: none"> Avoid lands designated as Important Farmland (State-defined Prime Farmland, Farmland of Statewide Importance, and Unique Farmland) as defined by the Farmland Mapping and Monitoring Program. Before converting Important Farmland to nonagricultural use, analyze the feasibility of using farmland that is not designated as Important Farmland prior to deciding on the conversion of Important Farmland. Avoid lands designated as forest land or timberland. Before converting forest land or timberland to nonforest use, analyze the feasibility of using other lands prior to deciding on the conversion of forest land or timberland. 	

Resource Area Impact Significance before Mitigation	Potential Mitigation	Significance after Mitigation
	<p>Any mitigation for permanent conversion of Important Farmland caused by facility or infrastructure construction or modification should be completed prior to the issuance of a grading or building permit by providing the permitting agency with written evidence of completion of the mitigation. Mitigation may include but is not limited to:</p> <p style="padding-left: 40px;">Restore agricultural land to productive use through removal of equipment or structures or other means, such that the land can be designated as Farmland.</p> <p style="padding-left: 40px;">If restoration is not feasible, permanently preserve off-site Important Farmland of equal or better agricultural quality, at a ratio of at least 1:1. Preservation may include the purchase of agricultural conservation easement(s); purchase of credits from an established agricultural farmland mitigation bank; contribution of agricultural land or equivalent funding to an organization that provides for the preservation of Important Farmland.</p> <p style="padding-left: 40px;">Participate in any agricultural land mitigation program, including local government maintained or administered, that provides equal or more effective mitigation than the measures listed.</p> <p>Any mitigation for permanent conversion of forest land or timberland caused by facility or infrastructure construction or modification should be completed prior to the issuance of a grading or building permit by providing the permitting agency with written evidence of completion of the mitigation. Mitigation may include, but is not limited to,</p>	

Resource Area Impact Significance before Mitigation	Potential Mitigation	Significance after Mitigation
	<p>permanent preservation of forest land or timberland of equal or better quality at a ratio of 1:1 or 1.5:1 because some lost ecological value may not be replaceable. Preservation may include purchase of easements or contribution of funds to a land trust or other agency.</p>	
Air Quality		
<p>Impact 3-1: Short-Term Construction-Related Effects to Air Quality Potentially significant</p>	<p>Mitigation Measure 3-1 The Regulatory Setting in Attachment A includes applicable laws and regulations that relate to air quality. CARB does not have the authority to require implementation of mitigation related to new or modified facilities that would be approved by local jurisdictions. The ability to require such measures is under the purview of jurisdictions with local or State land use approval and/or permitting authority. New or modified facilities in California would typically qualify as a “project” under CEQA. The jurisdiction with primary approval authority over a proposed action is the lead agency, which is required to review the proposed action for compliance with CEQA statutes. Project-specific impacts and mitigation would be identified during the environmental review by agencies with project-approval authority. Recognized practices routinely required to avoid and/or minimize impacts to air quality include the following:</p> <p style="padding-left: 40px;">Proponents of new or modified facilities or infrastructure constructed as a result of reasonably foreseeable compliance responses would coordinate with State or local land use agencies to seek entitlements for development including the completion of all necessary environmental review requirements (e.g., CEQA). The local or State land use agency or governing body must follow all applicable environmental regulations as part of approval of a project for development.</p>	<p>Potentially significant and unavoidable</p>

Resource Area Impact Significance before Mitigation	Potential Mitigation	Significance after Mitigation
	<p>Based on the results of the environmental review, proponents shall implement all feasible mitigation to reduce or substantially lessen the potentially significant air quality impacts of the project.</p> <p>Project proponents shall apply for, secure, and comply with all appropriate air quality permits for project construction from the local agencies with air quality jurisdiction and from other applicable agencies, if appropriate, prior to construction mobilization.</p> <p>Project proponents shall comply with the federal Clean Air Act (CAA) and the California Clean Air Act (e.g., New Source Review and Best Available Control Technology criteria), if applicable.</p> <p>Project proponents shall comply with local plans, policies, ordinances, rules, and regulations regarding air quality-related emissions and associated exposure (e.g., construction-related fugitive PM dust regulations, indirect source review, and payment into offsite mitigation funds).</p> <p>For projects located in PM nonattainment areas, project proponents shall prepare and comply with a dust abatement plan that addresses emissions of fugitive dust during construction and operation of the project.</p>	
Impact 3-2: Long-Term Operation-Related Effects to Air Quality Beneficial	N/A	N/A
Impact 3-3: Short-Term Construction-Related and Long-	<p>Mitigation Measure 3-3 Implement Mitigation Measure 3-1</p>	Potentially significant and unavoidable

Resource Area Impact Significance before Mitigation	Potential Mitigation	Significance after Mitigation
Term Operational Impacts from Odors		
Biological Resources		
Impact 4-1: Short-Term Construction-Related Effects to Biological Resources Potentially significant	<p>Mitigation Measure 4-1</p> <p>The Regulatory Setting in Attachment A includes, but is not limited to, applicable laws, regulations, and policies that provide protection of biological resources. CARB does not have the authority to require implementation of mitigation related to new or modified facilities that would be approved by local jurisdictions. The ability to require such measures is under the purview of jurisdictions with local land use and/or permitting authority. New or modified facilities in California would qualify as a “project” under CEQA. The jurisdiction with primary permitting authority over a proposed action is the Lead Agency, which is required to review the proposed construction project for compliance with CEQA statutes. Project-specific impacts and mitigation would be identified during the environmental review by agencies with project-approval authority. Recognized practices that are routinely required to avoid and/or minimize impacts to biological resources include:</p> <p style="padding-left: 40px;">Proponents of construction activities implemented as a result of reasonably foreseeable compliance responses associated with the Proposed Regulation would coordinate with State or local land use agencies to seek entitlements for development including the completion of all necessary environmental review requirements (e.g., CEQA). The local or State land use agency or governing body must follow all applicable environmental regulations as part of approval of a project for development.</p> <p>Based on the results of the environmental review, proponents would implement all feasible mitigation to reduce or</p>	Potentially significant and unavoidable

Resource Area Impact Significance before Mitigation	Potential Mitigation	Significance after Mitigation
	<p>substantially lessen the potentially significant impacts on biological resources associated with the project.</p> <p>Actions required to mitigate potentially significant biological impacts may include the following; however, any mitigation specifically required for a new or modified facilities or other activities would be determined by the local lead agency:</p> <p style="padding-left: 40px;">Retain a qualified biologist to prepare a biological inventory of site resources prior to ground disturbance or construction. If protected species or their habitats are present, comply with applicable federal and State endangered species acts and regulations. Construction and operational planning will require that important fish or wildlife movement corridors or nursery sites are not impeded by project activities.</p> <p style="padding-left: 40px;">Retain a qualified biologist to prepare a delineation of onsite state or federally protected wetlands or other sensitive habitats (e.g., riparian habitat, sensitive natural communities). This survey shall be used to establish setbacks and prohibit disturbance of riparian habitats, streams, intermittent and ephemeral drainages, and other wetlands. Wetland delineation is required by Section 404 of the Clean Water Act and is administered by the U.S. Army Corps of Engineers.</p> <p style="padding-left: 40px;">Prohibit construction activities during the rainy season with requirements for seasonal weatherization and implementation of erosion prevention practices.</p> <p style="padding-left: 40px;">Prohibit construction activities in the vicinity of raptor nests during nesting season or establish protective</p>	

Resource Area Impact Significance before Mitigation	Potential Mitigation	Significance after Mitigation
	<p>buffers and provide monitoring, as needed, to address project activities that could cause an active nest to fail.</p> <p>Prepare site design and development plans that avoid or minimize disturbance of habitat and wildlife resources, and prevent stormwater discharge that could contribute to sedimentation and degradation of local waterways. Depending on disturbance size and location, a National Pollution Discharge Elimination System (NPDES) construction permit may be required from the California State Water Resources Control Board.</p> <p>Prepare spill prevention and emergency response plans, and hazardous waste disposal plans as appropriate to protect against the inadvertent release of potentially toxic materials.</p> <p>Plant replacement trees and establish permanent protection suitable habitat at ratios considered acceptable to comply with “no net loss” requirements.</p> <p>Contractor will keep the site and materials organized and store them in a way to prevent attracting wildlife by not creating places for wildlife to hide or nest (e.g., capping pipes, covering trashcans and emptying trash receptacles consistently and promptly when full).</p>	
<p>Impact 4-2: Long-Term Operation-Related Effects to Biological Resources Potentially significant</p>	<p>Mitigation Measure 4-2 The Regulatory Setting in Attachment A includes, but is not limited to, applicable laws, regulations, and policies that provide protection of biological resources. CARB does not have the authority to require implementation of mitigation related to new or modified facilities that</p>	<p>Potentially significant and unavoidable</p>

Resource Area Impact Significance before Mitigation	Potential Mitigation	Significance after Mitigation
	<p>would be approved by local jurisdictions. The ability to require such measures is under the purview of jurisdictions with local land use and/or permitting authority. New or modified facilities in California would qualify as a “project” under CEQA. The jurisdiction with primary permitting authority over a proposed action is the Lead Agency, which is required to review the proposed action for compliance with CEQA statutes. Project-specific impacts and mitigation would be identified during the environmental review by agencies with project-approval authority. Recognized practices that are routinely required to avoid and/or minimize impacts to biological resources include:</p> <p style="padding-left: 40px;">Proponents of construction activities implemented as a result of reasonably foreseeable compliance responses associated with the Proposed Regulation would coordinate with State or local land use agencies to seek entitlements for development including the completion of all necessary environmental review requirements (e.g., CEQA). The local or State land use agency or governing body must follow all applicable environmental regulations as part of approval of a project for development.</p> <p style="padding-left: 40px;">Based on the results of the environmental review, proponents would implement all feasible mitigation to reduce or substantially lessen the potentially significant impacts on biological resources associated with the project. The definition of actions required to mitigate potentially significant biological impacts may include the following; however, any mitigation specifically required for a new or modified facility would be determined by the local lead agency.</p> <p style="padding-left: 40px;">Prohibit vegetation management activities in the vicinity of raptor nests during nesting season or establish protective buffers and provide monitoring as needed to</p>	

Resource Area Impact Significance before Mitigation	Potential Mitigation	Significance after Mitigation
	<p>ensure that project activity does not cause an active nest to fail.</p> <p>Maintain site design and development plan features that avoid or minimize disturbance of habitat and wildlife resources and prevent stormwater discharge that could contribute to sedimentation and degradation of local waterways during project operation.</p> <p>Maintain and replace, as needed, trees and permanently protected suitable habitat identified during the construction phase of the project.</p>	
Cultural Resources		
<p>Impact 5-1: Short-Term Construction-Related and Long-Term Operation-Related Effects to Cultural Resources Potentially significant</p>	<p>Mitigation Measure 5-1</p> <p>The regulatory setting in Attachment A includes applicable laws and regulations that relate to cultural resources. CARB does not have the authority to require implementation of mitigation related to new or modified facilities or infrastructure that would be approved by State or local jurisdictions or jurisdictions outside of California. The ability to require such measures is under the purview of jurisdictions with local or State land use approval and/or permitting authority. New or modified facilities in California could qualify as a “project” under CEQA and be subject to CEQA review. The jurisdiction with primary approval authority over a proposed project is the lead agency, which is required to review the proposed project for compliance with CEQA statutes. To the extent new or modified facilities in California are subject to CEQA, project-specific impacts and mitigation would be identified during the environmental review by agencies with project-approval authority. Recognized practices</p>	<p>Potentially significant and unavoidable</p>

Resource Area Impact Significance before Mitigation	Potential Mitigation	Significance after Mitigation
	<p>routinely required to avoid and/or minimize impacts on cultural resources include the following:</p> <p>Proponents of construction activities implemented as a result of reasonably foreseeable compliance responses associated with the Proposed Regulation would coordinate with State or local land use agencies to seek entitlements for development including the completion of all necessary environmental review requirements (e.g., CEQA). The local or State land use agency or governing body must follow all applicable environmental regulations as part of approval of a project for development.</p> <p>Based on the results of the environmental review, proponents would implement all feasible mitigation to avoid, reduce or substantially lessen the potentially significant impacts on cultural resources associated with the project.</p> <p>Actions required to mitigate potentially significant cultural resources impacts may include the following; however, any mitigation specifically required for a modified facility would be determined by the local lead agency.</p> <p>Retain the services of cultural resources specialists with training and background that conforms to the U.S. Secretary of Interior’s Professional Qualifications Standards, as published in Title 36, Code of Federal Regulations, part 61.</p> <p>If cultural resources are discovered during project activities, all work in the immediate vicinity of the find shall cease and a qualified cultural resource specialist (e.g., archaeologist, architectural historian, depending on the resource identified) meeting Secretary of Interior</p>	

Resource Area Impact Significance before Mitigation	Potential Mitigation	Significance after Mitigation
	<p>standards shall be hired to assess the find. Work on the other portions of the project outside of the buffered area may continue during this assessment period.</p> <p>Seek guidance from the State and federal lead agencies, as appropriate, for coordination of nation-to-nation consultations with the Native American tribes.</p> <p>Regulated entities shall consult with lead agencies early in the planning process to identify the potential presence of cultural properties. The agencies shall provide the project developers with specific instruction on policies for compliance with the various laws and regulations governing cultural resources management, including coordination with regulatory agencies and Native American tribes.</p> <p>If a resource determined to be significant by the qualified archaeologist or architectural historian (i.e., because the find is determined to constitute either an historical resource, cultural resource, or a unique archaeological resource), the archaeologist shall work with the project proponent to avoid disturbance to the resource, and if complete avoidance is not possible, follow accepted professional standards in recording any find. Preservation in place is the preferred manner of mitigating impacts to archaeological sites. For historically significant structures, if avoidance is infeasible, an appropriate documentation plan (e.g., recordation consistent with Historic American Buildings Survey Guidelines) shall be required.</p>	

Resource Area Impact Significance before Mitigation	Potential Mitigation	Significance after Mitigation
	<p>Regulated entities shall define the area of potential effect (APE) for each project, which is the area where project construction and operation may directly or indirectly cause alterations in the character or use of historic properties. The APE shall include a reasonable construction buffer zone and laydown areas, access roads, and borrow areas, as well as a reasonable assessment of areas subject to effects from visual, auditory, or atmospheric impacts, or impacts from increased access.</p> <p>Regulated entities shall retain the services of a paleontological resources specialist with training and background that conforms with the minimum qualifications for a vertebrate paleontologist as described in Measures for Assessment and Mitigation of Adverse Impacts to Non-Renewable Paleontological Resources: Standard Procedures, Society of Vertebrate Paleontology.¹</p> <p>Regulated entities shall conduct initial scoping assessments to determine whether proposed construction activities, if any, could disturb formations that may contain important paleontological resources. Whenever possible, potential impacts to paleontological resources should be avoided by moving the site of construction or removing or reducing the need for surface disturbance. The scoping assessment shall be conducted by the qualified paleontological resources</p>	

¹ Society of Vertebrate Paleontology, Standard Procedures for the Assessment and Mitigation of Adverse Impacts to Paleontological Resources, 2010, last accessed March 17, 2022, https://vertpaleo.org/wp-content/uploads/2021/01/SVP_Impact_Mitigation_Guidelines.pdf.

Resource Area Impact Significance before Mitigation	Potential Mitigation	Significance after Mitigation
	<p>specialist in accordance with applicable agency requirements.</p> <p>If human remains or funerary objects are encountered during any activities associated with the project, work in the immediate vicinity and within a reasonable buffer zone, shall cease and the County Coroner shall be contacted pursuant to State Health and Safety Code Section 7050.5 and that code enforced for the duration of the project.</p> <p>The regulated entity's qualified paleontological resources specialist shall determine whether paleontological resources would likely be disturbed in a project area on the basis of the sedimentary context of the area and a records search for past paleontological finds in the area. The assessment may suggest areas of high known potential for containing resources. If the assessment is inconclusive a surface survey is recommended to determine the fossiliferous potential and extent of the pertinent sedimentary units within the project site. If the site contains areas of high potential for significant paleontological resources and avoidance is not possible, prepare a paleontological resources management and mitigation plan that addresses the following steps:</p> <p style="padding-left: 40px;">A preliminary survey (if not conducted earlier) and surface salvage prior to construction.</p>	

Resource Area Impact Significance before Mitigation	Potential Mitigation	Significance after Mitigation
	Physical and administrative protective measures and protocols such as halting work, to be implemented in the event of fossil discoveries. Monitoring and salvage during excavation. Specimen preparation. Identification, cataloging, curation, and storage. A final report of the findings and their significance. Choose sites that avoid areas of special scientific value.	
Energy Demand		
Impact 6-1: Short-Term Construction-Related Effects on Energy Demand Less than significant	N/A	N/A
Impact 6-2: Long-Term Operation-Related Effects on Energy Demand Beneficial	N/A	N/A

Geology and Soils		
<p>Impact 7-1: Short-Term Construction-Related and Long-Term Operational-Related Effects to Geology and Soils Potentially significant</p>	<p>Mitigation Measure 7-1</p> <p>The Regulatory Setting in Attachment A includes, but is not limited to, applicable laws, regulations, and policies that provide protection of geology and soils. CARB does not have the authority to require implementation of mitigation related to new or modified facilities that would be approved by local jurisdictions. The ability to require such measures is under the purview of jurisdictions with local land use and/or permitting authority. New or modified facilities in California would qualify as a “project” under CEQA. The jurisdiction with primary permitting authority over a proposed action is the Lead Agency, which is required to review the proposed action for compliance with CEQA statutes. Project-specific impacts and mitigation would be identified during the environmental review by agencies with project-approval authority. Recognized practices that are routinely required to avoid and/or minimize impacts to geology and soils include:</p> <p style="padding-left: 40px;">Proponents of new or modified facilities constructed because of reasonably foreseeable compliance responses to new regulations would coordinate with local or State land use agencies to seek entitlements for development including the completion of all necessary environmental review requirements (e.g., CEQA). The local or State land use agency or governing body would certify that the environmental document was prepared in compliance with applicable regulations and would approve the project for development.</p> <p style="padding-left: 40px;">Based on the results of the environmental review, proponents shall implement all mitigation measures identified in the environmental document to reduce or substantially lessen the environmental impacts related to seismic instability, fault rupture, soil erosion, landslides, loss of topsoil. The definition</p>	<p>Potentially significant and unavoidable</p>

	<p>of actions required to mitigate potentially significant geology and soil impacts may include the following; however, any mitigation specifically required for a new or modified facility will be determined by the local lead agency.</p> <p>Prior to the issuance of any development permits, proponents of new or modified facilities or infrastructure shall prepare a geotechnical investigation/study, which would include an evaluation of the depth to the water table, liquefaction potential, physical properties of subsurface soils including shrink-swell potential (expansion), soil resistivity, slope stability, mineral resources, and the presence of hazardous materials.</p> <p>Proponents of new or modified facilities or infrastructure shall provide a complete site grading plan, and drainage, erosion, and sediment control plan with applications to applicable lead agencies. Proponents will avoid locating facilities on steep slopes, in alluvial fans and other areas prone to landslides or flash floods, or with gullies or washes, as much as possible.</p> <p>Disturbed areas outside of the permanent construction footprint shall be stabilized or restored using techniques such as soil loosening, topsoil replacement, revegetation, and surface protection (i.e., mulching).</p>	
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Greenhouse Gas Emissions and Climate Change		
Impact 8-1: Short-Term Construction-Related Effects on GHGs Less than significant	N/A	N/A
Impact 8-2: Long-Term Operational-Related Effects on GHGs Beneficial	N/A	N/A
Hazards and Hazardous Materials		
Impact 9-1: Short-Term Construction-Related Effects on Hazardous Materials Potentially significant	<p>Mitigation Measure 9-1</p> <p>The Regulatory Setting in Attachment A includes, but is not limited to, applicable laws, regulations, and policies related to hazards and hazardous materials. CARB does not have the authority to require implementation of mitigation related to new or modified facilities that would be approved by local jurisdictions. The ability to require such measures is under the purview of jurisdictions with discretionary local land use and/or permitting authority. New or modified facilities in California would qualify as a “project” under CEQA. The jurisdiction with primary permitting authority over a proposed action is the Lead Agency, which is required to review the proposed action for compliance with CEQA statutes. Project-specific impacts and mitigation would be identified during the environmental review by agencies with discretionary project approval authority. Recognized practices that are routinely required to avoid upset and accident-related impacts include:</p> <p style="padding-left: 40px;">Proponents of new or modified facilities constructed as a compliance response to the Proposed Regulation would coordinate with local land use agencies to seek entitlements for development, including the completion of all necessary</p>	Potentially significant and unavoidable

	<p>environmental review requirements (e.g., CEQA). The local land use agency or governing body would certify that the environmental document was prepared in compliance with applicable regulations and would approve the project for development.</p> <p>Based on the results of the environmental review, proponents would implement all mitigation identified in the environmental document to reduce or substantially lessen the environmental impacts of the project. The definition of actions required to mitigate potentially significant upset and accident-related hazard impacts may include the following; however, any mitigation specifically required for a new or modified facility would be determined by the local lead agency.</p> <p>Handling of potentially hazardous materials/wastes shall be performed by or under the direction of a licensed professional with the necessary experience and knowledge to oversee the proper identification, characterization, handling and disposal or recycling of the materials generated as a result of the project. As wastes are generated, they shall be placed, at the direction of the licensed professional, in designated areas that offer secure, secondary containment and/or protection from storm water runoff. Other forms of containment may include placing waste on plastic sheeting (and/or covering with same) or in steel bins or other suitable containers pending profiling and disposal or recycling.</p> <p>The temporary storage and handling of potentially hazardous materials/wastes shall be in areas away from sensitive receptors such as schools or residential areas. These areas shall be secured with chain-link</p>	
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	fencing or similar barrier with controlled access to restrict casual contact from non-Project personnel. All project personnel that may encounter potentially hazardous materials/wastes shall have the appropriate health and safety training commensurate with the anticipated level of exposure.	
Impact 9-2: Long-Term Operation-Related Effects on Hazardous Materials Potentially Significant	Mitigation Measure 9-2 Implement Mitigation Measure 9-1	Potentially Significant and Unavoidable
Hydrology and Water Quality		
Impact 10-1: Short-Term Construction-Related Effects on Hydrology and Water Quality Potentially significant	Mitigation Measure 10-1 The Regulatory Setting in Appendix A includes, but is not limited to, applicable laws, regulations, and policies in regard to hydrology and water quality. CARB does not have the authority to require implementation of mitigation related to new or modified facilities that would be approved by local jurisdictions. The ability to require such measures is under the purview of jurisdictions with local discretionary land use and/or permitting authority. New or modified facilities in California would qualify as a “project” under CEQA. The jurisdictions with primary permitting authority over a proposed action is the Lead Agency, which is required to review the proposed action for compliance with CEQA statutes. Project-specific impacts and mitigation would be identified during the environmental review by agencies with discretionary project-approval authority. Recognized practices that are routinely required to avoid and/or mitigate hydrology and water quality-related impacts include: Proponents of new or modified facilities constructed because of reasonably foreseeable compliance responses to new regulations would coordinate with local or State land use	Potentially significant and unavoidable

	<p>agencies to seek entitlements for development including the completion of all necessary environmental review requirements (e.g., CEQA). The local or State land use agency or governing body would certify that the environmental document was prepared in compliance with applicable regulations and would approve the project for development.</p> <p>Based on the results of the environmental review, proponents shall implement all feasible mitigation identified in the environmental document to reduce or substantially lessen the potentially significant impacts of a project. The definition of actions required to mitigate potentially significant hydrology and water quality impacts may include the following; however, any mitigation specifically required for a new or modified facility would be determined by the local lead agency. Project proponents shall implement the following measures as applicable:</p> <ul style="list-style-type: none">Implement Best Management Practices to reduce sedimentation and pollution of surface waters, such as installation of silt fencing around the perimeter of active construction areas, sediment traps, revegetation, and rock and gravel cover.Train construction workers for proper response to hazardous materials spills as well as responsibilities for maintaining best management practices on site.Drainage plans for runoff shall be designed to contain adequate capacity for projected flows on site.Avoid filling of waters of the United States and waters of the State to the extent feasible. If activities require a waste discharge requirement or Section 401 Water	
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	<p>Quality Certification, comply with all avoidance, reduction, and compensatory measures.</p> <p>Under the oversight of the local lead agency, prior to issuance of any construction permits, the proponents for the proposed project shall prepare a stormwater drainage and flood control analysis and management plan. The plans will be prepared by a qualified professional and will summarize existing conditions and the effects of project improvements, and will include all appropriate calculations, a watershed map, changes in downstream flows and flood elevations, proposed on- and off-site improvements, features to protection downstream uses, and property and drainage easements to accommodate downstream flows from the site. Project drainage features will be designed to protect existing downstream flow conditions that will result in new or increased severity of offsite flooding.</p> <p>Project proponents shall establish drainage performance criteria for off-site drainage, in consultation with county engineering staff, such that project-related drainage is consistent with applicable facility designs, discharge rates, erosion protection, and routing to drainage channels, which could be accomplished by, but is not limited to: (a) minimizing directly connected impervious areas; (b) maximizing permeability of the site; and, (c) stormwater quality controls such as infiltration, detention/retention, and/or biofilters; and basins, swales, and pipes in the system design.</p> <p>The project proponent shall design and construct new facilities to provide appropriate flood protection such that operations are not adversely affected by flooding and inundation. These designs will be approved by the local or State land use agency. The project proponent will also consult with the appropriate flood control authority on the design of offsite stream crossings</p>	
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	<p>such that the minimum elevations are above the predicted surface-water elevation at the agency’s designated design peak flows. Drainage and flood prevention features shall be inspected and maintained on a routine schedule specified in the facility plans, and as specified by the county authority.</p> <p>As part of subsequent project-level planning and environmental review, the project proponent shall coordinate with the local groundwater management authority and prepare a detailed hydrogeological analysis of the potential project-related effects on groundwater resources prior to issuance of any permits. The proponent shall mitigate for identified adverse changes to groundwater by incorporating technically achievable and feasible modifications into the project to avoid offsite groundwater level reductions, use alternative technologies or changes to water supply operations, or otherwise compensate or offset the groundwater reductions.</p>	
Impact 10-2: Long-Term Operation-Related Effects on Hydrology and Water Quality Potentially significant	<p>Mitigation Measure 10-2 Implement Mitigation Measure 10-1</p>	Potentially significant and unavoidable
Land Use Planning		
Impact 11-1: Short-Term Construction-Related and Long-Term Operational-Related Effects on Land Use Planning Potentially significant	Implement Mitigation Measures 2-1, 4-1, 4-2, 7-1, 10-1, and 10-2.	Potentially significant and unavoidable
Mineral Resources		
Impact 12-1: Short-Term Construction-Related and Long-	N/A	Less than significant

<p>Term Operation-Related Impacts on Mineral Resources Less than significant</p>		
Noise		
<p>Impact 13-1: Short-Term Construction-Related Noise Effects Potentially significant</p>	<p>Mitigation Measure 13-1 The Regulatory Setting in Appendix A includes, but is not limited to, applicable laws, regulations, and policies that pertain to noise. CARB does not have the authority to require implementation of mitigation related to new or modified facilities that would be approved by local jurisdictions. The ability to require such measures is under the purview of jurisdictions with local discretionary land use and/or permitting authority. New or modified facilities in California would qualify as a “project” under CEQA. The jurisdiction with primary permitting authority over a proposed action is the Lead Agency, which is required to review the proposed action for compliance with CEQA statutes. Project-specific impacts and mitigation would be identified during the environmental review by agencies with discretionary project-approval authority. Recognized practices that are routinely required to avoid and/or minimize noise include:</p> <p style="padding-left: 40px;">Proponents of new or modified facilities constructed under the reasonably foreseeable compliance responses would coordinate with local or State land use agencies to seek entitlements for development including the completion of all necessary environmental review requirements (e.g., CEQA). The local or State land use agency or governing body would certify that the environmental document was prepared in compliance with applicable regulations and would approve the project for development.</p> <p>Based on the results of the environmental review, proponents would implement all mitigation identified in the environmental</p>	<p>Potentially significant and unavoidable</p>

	<p>document to reduce or substantially lessen the environmental impacts of the project. The definition of actions required to mitigate potentially significant noise impacts may include the following; however, any mitigation specifically required for a new or modified facility would be determined by the local lead agency.</p> <p>Ensure noise-generating construction activities (including truck deliveries, pile driving, and blasting) are limited to the least noise-sensitive times of day (e.g., weekdays during the daytime hours) for projects near sensitive receptors.</p> <p>Use noise barriers, such as berms, as needed (where feasible) to limit ambient noise at property lines, especially where sensitive receptors may be present.</p> <p>Ensure all project equipment has sound-control devices no less effective than those provided on the original equipment.</p> <p>All construction equipment used would be adequately muffled and maintained.</p> <p>Use battery-powered forklifts and other facility vehicles, as needed to remain within acceptable noise levels.</p> <p>Ensure all stationary construction equipment (i.e., compressors and generators) is located as far as practicable from nearby sensitive receptors or shielded.</p> <p>Properly maintain mufflers, brakes, and all loose items on construction- and operation-related-related vehicles to minimize noise and address operational safety issues. Keep truck operations to the quietest operating speeds. Advise about downshifting and vehicle</p>	
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	<p>operations in sensitive communities to keep truck noise to a minimum.</p> <p>Use noise controls on standard construction equipment; shield impact tools.</p> <p>Use flashing lights instead of audible back-up alarms on mobile equipment, if necessary to maintain acceptable noise levels.</p> <p>Install mufflers on air coolers and exhaust stacks of all diesel and gas-driven engines.</p> <p>Equip all emergency pressure relief valves and steam blow-down lines with silencers to limit noise levels.</p> <p>Contain facilities within buildings or other types of effective noise enclosures.</p> <p>Employ engineering controls, including sound-insulated equipment and control rooms, to reduce the average noise level in normal work areas.</p>	
<p>Impact 13-2: Long-Term Operational-Related Effects on Noise Potentially significant</p>	<p>Mitigation Measure 13-2 Implement Mitigation Measure 13-1</p>	<p>Potentially significant and unavoidable</p>

Population and Housing		
Impact 14-1: Short-Term Construction-Related and Long-Term Operational-Related Effects on Population and Housing Less than significant	N/A	N/A
Public Services		
Impact 15-1: Short-Term Construction-Related and Long-Term Operational-Related Effects on Public Services Less than significant	N/A	N/A
Recreation		
Impact 16-1: Short-Term Construction-Related and Long-Term Operational-Related Effects on Recreation Less than significant	N/A	N/A
Transportation		
Impact 17-1: Short-Term Construction-Related Effects on Transportation and Traffic Potentially significant	<p>Mitigation Measure 17-1</p> <p>The Regulatory Setting in Appendix A includes, but is not limited to, applicable laws, regulations, and policies related to transportation. CARB does not have the authority to require implementation of mitigation related to new or modified facilities that would be approved by local jurisdictions. The ability to require such measures is under the purview of jurisdictions with discretionary land use and/or permitting authority. New or modified facilities in California would qualify as a “project” under CEQA. The jurisdiction with primary permitting authority over a proposed action is the lead agency, which is required to review the proposed action for</p>	Potentially significant and unavoidable

	<p>compliance with CEQA statutes. Project-specific impacts and mitigation would be identified during the environmental review by agencies with discretionary project-approval authority. Recognized practices that are routinely required to avoid and/or minimize construction traffic impacts include:</p> <p>Proponents of new or modified facilities constructed will coordinate with local or State land use agencies to seek entitlements for development including the completion of all necessary environmental review requirements (e.g., CEQA). The local or State land use agency or governing body will certify that the environmental document was prepared in compliance with applicable regulations and will approve the project for development.</p> <p>Based on the results of the environmental review, proponents will implement all mitigation identified in the environmental document to reduce or substantially lessen potentially significant impacts on traffic and transportation. The definition of actions required to mitigate potentially significant traffic impacts may include the following; however, any mitigation specifically required for a new or modified facility will be determined by the local lead agency.</p> <p>Minimize the number and length of access, internal, service, and maintenance roads and use existing roads when feasible.</p> <p>Provide safe ingress and egress to/from a proposed project site. Identify road design requirements for any proposed roads, and related road improvements.</p> <p>If new roads are necessary, prepare a road siting plan and consult standards contained in federal, State, or local requirements. The plans should include design</p>	
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	<p>and construction protocols to meet the appropriate roadway standards and be no larger than necessary to accommodate their intended functions (e.g., traffic volume and weight of vehicles). Access roads should be located to avoid or minimize impacts to washes and stream crossings, follow natural contours and minimize side-hill cuts. Roads internal to a project site should be designed to minimize ground disturbance. Excessive grades on roads, road embankments, ditches, and drainages should be avoided, especially in areas with erodible soils.</p> <p>Prepare a Construction Traffic Control Plan and a Traffic Management Plan.</p>	
<p>Impact 17-2: Long-Term Operational-Related Effects on Transportation and Traffic Potentially significant</p>	<p>Mitigation Measure 17-2</p> <p>The Regulatory Setting in Attachment A includes applicable laws and regulations regarding transportation. CARB does not have the authority to require implementation of mitigation related to increases in VMT; these must be addressed by local jurisdictions. The ability to require such measures is under the purview of jurisdictions with local or State land use approval and/or permitting authority. The jurisdiction with primary approval authority over a proposed action is the Lead Agency, which is required to review the proposed action for compliance with CEQA statutes. Recognized practices that are routinely required to avoid and/or minimize transportation impacts include:</p> <p>Identify and implement road and intersection design requirements or improvements for any project that would significantly impact the safety of roads and intersections.</p> <p>Consult with and implement recommendations from local fire protection services regarding emergency access requirements.</p>	<p>Potentially significant and unavoidable</p>

	<p>Prepare transportation demand management plans that prioritize and promote use of non-automobile forms of transportation to minimize significant increases in VMT.</p>	
<p>Tribal Cultural Resources</p>		
<p>Impact 18-1: Short-Term Construction-Related and Long-Term Operational Impacts on Tribal Cultural Resources Potentially significant</p>	<p>Mitigation Measure 18-1</p> <p>The Regulatory Setting in Attachment A includes applicable laws and regulations that relate to TCRs. CARB does not have the authority to require implementation of mitigation related to new or modified facilities that would be approved by local jurisdictions. The ability to require such measures is under the purview of jurisdictions with local or State land use approval and/or permitting authority. New or modified facilities in California would qualify as a “project” under CEQA. The jurisdiction with primary approval authority over a proposed action is the lead agency, which is required to review the proposed action for compliance with CEQA statutes. Project specific impacts and mitigation would be identified during the environmental review by agencies with project-approval authority. Recognized practices routinely required to avoid and/or minimize impacts on TCRs include:</p> <p style="padding-left: 40px;">Proponents of construction activities implemented as a result of reasonably foreseeable compliance responses associated with the Proposed Regulation would coordinate with State or local land use agencies to seek entitlements for development including the completion of all necessary environmental review requirements (e.g., CEQA). The local or State land use agency or governing body must follow all applicable environmental regulations as part of approval of a project for development.</p> <p>Based on the results of the environmental review, proponents would implement all feasible mitigation to reduce or</p>	<p>Potentially significant and unavoidable</p>

	<p>substantially lessen the potentially significant impacts on tribal cultural resources associated with the project.</p> <p>Actions required to mitigate potentially significant tribal cultural resources impacts may include the following; however, any mitigation specifically required for a modified facility would be determined by the local lead agency.</p> <p>Retain the services of tribal cultural resources specialists with training and background that conforms to the U.S. Secretary of Interior’s Professional Qualifications Standards, as published in Title 36, Code of Federal Regulations, Part 61.</p> <p>Seek guidance from the State and federal lead agencies, as appropriate, for coordination of nation-to-nation consultations with the Native American tribes.</p> <p>Follow notification procedures and conduct consultation as required with California Native American tribes under Assembly Bill (AB) 52 (including PRC Sections 21080.3.1 and 21080.3.2.). Provide notice to Native American tribes of project details to identify potential tribal cultural resources (TCRs). In the case that a TCR is identified, consistent with PRC Section 21084.3(b), prepare mitigation measures that:</p> <ul style="list-style-type: none">Avoid and preserve the resource in place.Treat the resource with culturally appropriate dignity.Employ permanent conservation easements.Protect the resource. <p>Regulated entities shall consult with lead agencies early in the planning process to identify the potential presence of cultural properties. The agencies shall provide the project developers with specific instruction on policies for compliance with the various laws and regulations governing cultural resources</p>	
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	management, including coordination with regulatory agencies and Native American Tribes.	
Utilities and Service Systems		
<p>Impact 19-1: Long-Term Operational-Related Effects on Utilities and Service Systems Potentially significant</p>	<p>Mitigation Measure 19-1</p> <p>The Regulatory Setting in Appendix A includes, but is not limited to, applicable laws, regulations, and policies related to utilities and service systems. CARB does not have the authority to require implementation of mitigation related to new or modified facilities that would be subject to approval by local jurisdictions. The ability to require such measures is under the purview of jurisdictions with discretionary land use and/or permitting authority. New or modified facilities in California would qualify as a “project” under CEQA. The jurisdiction with primary permitting authority over a proposed action is the Lead Agency, which is required to review the proposed action for compliance with CEQA statutes. Project-specific impacts and mitigation would be identified during the environmental review by agencies with discretionary project-approval authority. Recognized practices that are routinely required to avoid and/or minimize utility and service-related impacts include:</p> <p style="padding-left: 40px;">Proponents of new or modified facilities constructed because of reasonably foreseeable compliance responses would coordinate with local or State land use agencies to seek entitlements for development including the completion of all necessary environmental review requirements (e.g., CEQA). The local or State land use agency or governing body would certify that the environmental document was prepared in compliance with applicable regulations and would approve the project for development.</p> <p style="padding-left: 40px;">Based on the results of the environmental review, proponents would implement all mitigation identified in the environmental document to reduce or substantially lessen potentially</p>	<p>Potentially significant and unavoidable</p>

	<p>significant impacts on utilities and service systems. The definition of actions required to mitigate potentially significant utility or service-related impacts may include the following; however, any mitigation specifically required for a new or modified facility would be determined by the local lead agency.</p> <p>Comply with local plans and policies regarding the provision of water supply, wastewater treatment, and storm water drainage utilities, and solid waste services.</p> <p>Where an on-site wastewater system is proposed, submit a permit application to the appropriate local jurisdiction.</p> <p>Where appropriate, prepare a Water Supply Assessment (WSA) consistent with the requirements of Section 21151.9 of the PRC and Section 10910 et seq. of the Water Code. The WSA would be approved by the local water agency/purveyor prior to construction of the project.</p> <p>Comply with local plans and policies regarding the provision of wastewater treatment services.</p>	
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Wildfire		
Impact 20-1: Short-Term Construction-Related and Long-Term Operation-Related Effects on Wildfire Less than significant	N/A	N/A