H

Mitigation, Monitoring and Reporting Program

Page Intentionally Blank

H Mitigation Monitoring and Reporting Program

The Town of Paradise, California (Town), is the lead agency for the Paradise Sewer Project under CEQA. The City of Chico (City), Butte Local Agency Formation Commission (Butte LAFCo), Central Valley Regional Water Quality Control Board (RWQCB), Butte County (County), and California Department of Fish and Wildlife (CDFW) are considered Responsible Agencies under CEQA based on their discretionary approval over aspects of the Proposed Project. The Proposed Project would be located in Paradise, Chico and unincorporated areas in Butte County, California.

The Town is proposing to construct, operate, and maintain a new sewer collection system within the Town limits, with an export pipeline from the Town to the Chico Water Pollution Control Plant (WPCP). The Proposed Project would allow for the replacement of individual septic systems within the Town's sewer service area that are managed, owned, and maintained by individual property owners. The abandonment of such individual septic systems is not within the scope of this Program Environmental Impact Report (PEIR). This Proposed Project further includes the provision of wastewater treatment services from the City to the Town, to be approved by Butte LAFCo.

Specifically, the Proposed Project would consist of three primary components. The first two components are analyzed at a project level in the PEIR because sufficient information is available regarding the characteristics, timing, and locations of these proposed facilities. The third component is analyzed at a programmatic level. The three components include the following:

- **Core Collection System:** The Core Collection System would consist of pipelines and 28 small pump stations (also referred to as lift stations) to serve approximately 1,500 individual parcels within the Town's core sewer service area.
- **Export Pipeline System:** The 18-mile Export Pipeline System is proposed to convey wastewater from the Core Collection System to the Chico WPCP.
- **Extended Collection System:** The Extended Collection System would be an extension of the Core Collection System that would allow parcels within the Town limits to connect to the sewer system up to the capacity of the system infrastructure and the Town's allocation within the Chico WPCP capacity.

In order to approve these activities for the construction and operation of the Proposed Project, the Town has completed a PEIR in accordance with the California Environmental Quality Act (CEQA). This environmental review process focuses on the potential impacts caused by the Proposed Project on local resources.

In accordance with Section 21083, Public Resources Code (CEQA Guidelines Section 15097 [a]), "a public agency shall adopt a program for monitoring or reporting on the revisions which it has required and the measures it has imposed to mitigate or avoid significant environmental effects. A public agency may delegate reporting or monitoring responsibilities to another public agency or to a private entity which accepts the delegation; however, until mitigation measures have been completed, the lead agency remains responsible for ensuring that implementation of the mitigation measures occurs in accordance with the program" (CEQA Guidelines Section 15097 (a)).

This Mitigation Monitoring and Reporting Program (MMRP) addresses the requirement. Unless noted otherwise, the Town would be the enforcing entity for all mitigation requirements, including but not limited to contractors, are responsible for implementation. Measures identified as the responsibility of contractors would be included as requirements in Town contracting agreements and construction specs.

Table H-1. Mitigation Monitoring and Reporting Program

CEQA Mitigation Designation	Mitigation and/or Monitoring Reporting Description	Impact Level Prior to Mitigation	Impact Level with Mitigation	Responsibilities/Enforcement	Timeframe
Biological Resources					
Impact BIO-1: Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the CDFW or USFWS: Special-Status Plant Species	**MM-BIO-1: Minimize Disturbance Footprint.** During site preparation for any segment of the Core Collection System, Export Pipeline System, or Extended Collection System, ground disturbance and vegetation clearing footprints, including along construction access routes or at temporary work areas, will be reduced to the smallest area feasible. Prior to any ground disturbance, a qualified biologist hired by the Town will identify areas to be avoided during construction activities; these areas will be fenced and/or flagged as close to construction limits as feasible. This mitigation measure is coordinated with **MM-BIO-2** but applies to all biological resources.	Significant Impact	Less-than-Significant Impact	A qualified biologist will identify areas to be avoided during construction activities.	During site preparation, prior to construction.
	MM-BIO-2: Special-status Plant Surveys. Prior to initiating proposed ground disturbance or vegetation clearing, including along construction access routes or at temporary work areas, a qualified botanist will perform focused surveys to determine the presence or absence of special-status plant species with potential to occur in and adjacent to (within a radius of 100 feet, as prescribed by CDFW) proposed disturbance areas. These surveys will be conducted in accordance with CDFW Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Sensitive Natural Communities (CDFW 2018a), which requires rare plant surveys be conducted at the proper time of year when rare or endangered species are both evident and identifiable. Surveys will be scheduled to coincide with known flowering periods, and/or during appropriate developmental periods that are necessary to identify the plant species of concern. If special-status plants are identified during surveys, then **MM-BIO-3** will be implemented.			A qualified botanist will perform focused surveys to determine the presence or absence of special-status plant species with potential to occur in and adjacent to proposed disturbance areas. These surveys will be conducted in accordance with CDFW Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Sensitive Natural Communities/Town, CDFW	Prior to ground disturbance or vegetation clearing.
	MM-BIO-3: Special-status Plant Avoidance. If any special-status plant species are found within 100 feet of ground disturbance or vegetation clearing areas, including construction access routes or temporary work areas, during **MM-BIO-2,** the following will be implemented: • Any special-status plant species that are identified within 100 feet of proposed ground disturbance or vegetation clearing areas, including construction access routes or temporary work areas, but are not proposed to be disturbed (that is, the area doesn't need to be cleared for construction), will be protected by flagging, signage, orange plastic fence, and/or silt fence, as appropriate based on site conditions, to limit the effects of activities and material stockpiles on special-status plant species. • If activities could result in the loss of greater than 10 percent of a population identified during surveys or occupied habitat for a special-status plant species, a mitigation plan will be developed and implemented by a qualified biologist for the Town that will include a program to transplant, salvage, cultivate, and reestablish the species at suitable sites (if feasible); means and methods to propagate affected special-status plants through vegetative or reproductive means (for example, harvesting of seed or seed bank through topsoil collection, salvaging and transplanting or collecting of cuttings), as appropriate for the species, and transplant at suitable receiving sites as close to the existing population as possible. The plan will be approved by CDFW and any other agencies with jurisdiction over the species found to be present prior to implementation of the plan and before initiation of any construction related activities. Propagation and transplantation will occur prior to initiation of the activity. The receiving location will be evaluated and chosen based on similarity to conditions at the transplant source location. Site conditions to consider when choosing a receiving site will include aspect, substrate, hydrology, associated species, and canopy cover. The transplanted plants will be monitored by a qualified biologist for the Town for at least 1 year following transplantation. As part of the mitigation plan, a monitoring plan will be developed and approved by CDFW with propagation goals tailored to the species that are being transplanted. If propagation goals are not met after 1 year following transplantation, then adaptive management strategies will be developed in coordination with CDFW to achieve those goals. • The actual level of mitigation may vary depending on the sensitivity of the species, its prevalence in the area, the location of the occurrence, and the current state of knowledge about overall population trends and threats to its survival; however, at a minimum, the species and habitat will be replaced at a 1:1 ratio (individuals or acreage of occupied habitat). Ratios will be developed in coordination with and approved by CDFW.			A mitigation plan will be developed and implemented by a qualified biologist for the Town or designated Contractor. The plan will be approved by CDFW and any other agencies with jurisdiction over the species found to be present prior to implementation of the plan and before initiation of any construction related activities. As part of the mitigation plan, a monitoring plan will be developed and approved by CDFW. If propagation goals are not met after 1 year following transplantation, then adaptive management strategies will be developed in coordination with CDFW to achieve those goals/CDFW and other jurisdictional agencies./Town, CDFW	Prior to ground disturbance or vegetation clearing; during construction activities; and after 1 year of initiation of a mitigation plan.

CEQA Mitigation Designation	Mitigation and/or Monitoring Reporting Description	Impact Level Prior to Mitigation	Impact Level with Mitigation	Responsibilities/Enforcement	Timeframe
	MM-BIO-4: Biological Monitoring and Worker Environmental Awareness Training. A qualified biologist will monitor construction activities that could potentially cause significant impacts on sensitive biological resources. The amount and duration of monitoring will depend on the activity and will be determined by a qualified biologist for the Town. Monitoring will be required at any location where special status species have been identified within 100 feet of vegetation clearing area. In addition, a qualified biologist will be retained by the Town to conduct mandatory contractor/worker awareness training for construction personnel to brief them on the identified location of sensitive biological resources, including how to identify species (visual and auditory) most likely to be present, the need to avoid impacts on biological resources (e.g., plants, wildlife, and jurisdictional waters), and on the penalties for not complying with biological mitigation requirements. If new construction personnel are added to the Project, the contractor will ensure that they receive the mandatory training before starting work. This mandatory training will be included in all contractor construction specs and required by contract. This measure will apply to any biological resources for which complete avoidance cannot be attained through **MM-BIO-1** or resource-specific measures.			A qualified biologist will monitor construction activities that could potentially cause significant impacts on sensitive biological resources/Town, CDFW A qualified biologist will conduct mandatory contractor/worker awareness training for construction personnel. If new construction personnel are added to the Project, the Contractor will ensure that they receive the mandatory training before starting work.	During construction activities.
	MM-BIO-5: Restoration of Temporarily Disturbed Areas and Invasive Weed Control. Following construction of the Core Collection System, Export Pipeline System, or Extended Collection System, all exposed and/or disturbed areas resulting from ground disturbing activities, including construction access routes or temporary work areas, will be returned to their original contour and grade, and restored using locally native grass and forb seeds, plugs, or a mix of the two. Areas will be seeded with species appropriate to their topographical and hydrological character and covered with broadcast straw and/or jute netted, as appropriate for specific habitat type. For example, temporarily disturbed wetlands will be seeded with native hydrophytic species typical to the region, whereas upland areas will be seeded with an upland grass and forb mix. Several invasive and noxious weed species are known to occur in the study area, and 27 plant species classified by the California Invasive Plant Council as invasive were identified in the study area during field studies (Appendix G). In order to avoid the spread of invasive plant species in the study area, native species will be used for reseeding, and the Proposed Project will not allow any use of species listed as noxious weeds. Further, precautions will be taken to avoid the spread of invasive plant species. These include the inspection and cleaning of construction equipment and implementation of CDFW-approved eradication strategies should an invasion occur. This measure is focused on habitat, but applies to all biological resources (e.g., special status species dependent on specific habitat).			The construction contractor will be responsible for implementation.	Post-construction.
Impact BIO-1: Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the CDFW or USFWS: Vernal Pool Crustaceans	MM-BIO-1: Minimize Disturbance Footprint. See description above.	Significant Impact	Less-than-Significant Impact	See description above.	See description above.
	MM-BIO-6: No Net Loss of Aquatic Resources. No net loss of aquatic resources would be achieved through impact avoidance, minimization, which are both covered under MM-BIO-1 through MM-BIO-4, and/or compensatory mitigation. Mitigation for permanent impacts on aquatic resources will be provided at a minimum 1:1 ratio. Mitigation will be achieved through onsite restoration, in-lieu fee payment, or purchase of mitigation credits at a USACE-, USFWS-, and/or CDFW-approved mitigation bank at the expense of the Town. Mitigation, as required in regulatory permits issued through CDFW, USACE, USFWS, and/or the RWQCB will be applied to satisfy this measure.			Mitigation will be achieved through onsite restoration, in-lieu fee payment, or purchase of mitigation credits at a USACE-, USFWS-, and/or CDFW-approved mitigation bank at the expense of the Town. Mitigation, as required in regulatory permits issued through CDFW, USACE, USFWS, and/or the RWQCB will be applied to satisfy this measure./Town, CDFW, USACE, USFWS, RWQCB	During construction activities and post-construction.
	MM-BIO-7: Sensitive Community Fencing. If sensitive communities occur within 100 feet (250 feet for vernal pools as mandated by USFWS) of proposed ground disturbing activities, including construction access routes and temporary work areas, with no pre-existing barrier between them and the proposed ground disturbance, protective fencing, such as silt fencing, will be installed between habitats that are to be avoided and the construction limits to prevent accidental disturbance and to protect water quality during construction.			The construction contractor will be responsible for implementation of this mitigation in accordance with USFWS standards.	Prior to construction activities.
	MM-BIO-8: Dry Work Areas. Ground disturbing activities within 100 feet (250 feet for vernal pools) of aquatic resources will coincide with the driest time of year and will avoid occurring within 72 hours (before or after) a rain event, if feasible.			The construction contractor will be responsible for implementation of this mitigation.	At the driest time of year and will avoid occurring within 72 hours (before or after) a rain event, if feasible.

CEQA Mitigation Designation	Mitigation and/or Monitoring Reporting Description	Impact Level Prior to Mitigation	Impact Level with Mitigation	Responsibilities/Enforcement	Timeframe
Impact BIO-1: Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the CDFW or USFWS: Valley Elderberry Longhorn Beetle	**MM-BIO-1. Minimize Disturbance Footprint.** See description above.	Significant Impact	Less-than-Significant Impact	See description above.	See description above.
	MM-BIO-9: Mapping of Elderberry Shrubs and USFWS Section 7 Consultation. If Proposed Project impacts, including along construction access routes and temporary work areas, are to take place within 165 feet of a riparian corridor where elderberry shrubs are known to be present, then a full inventory of elderberry shrubs within 165 feet of the proposed disturbance, including an assessment of whether valley elderberry longhorn beetle exit holes are present, will be conducted pursuant to the *Framework for Assessing Impacts to the Valley Elderberry Longhorn Beetle*. Based on the inventory findings, the Town and USFWS will coordinate to determine whether formal consultation is required for the Project. If formal consultation is deemed required, results of the inventory will be submitted by the Town in a Biological Assessment to USFWS. USFWS will review proposed findings and mitigation, and respond in a Biological Opinion, which will finalize elderberry mitigation that will be required of the Town for the Proposed Project.			An inventory of elderberry shrubs will be conducted by a qualified biologist. The Town and USFWS will coordinate to determine whether formal consultation is required for the Project. If formal consultation is deemed required, results of the inventory will be submitted by the Town in a Biological Assessment to USFWS. USFWS will review proposed findings and mitigation, and respond in a Biological Opinion, which will finalize elderberry mitigation that will be required of the Town for the Proposed Project./Town, USFWS	Prior to ground disturbance and vegetation clearing.
	MM-BIO-10: No Net Loss of Elderberry Shrubs. Elderberry shrubs that would be directly impacted by the Proposed Project will be transplanted to a new suitable location. In addition, two credits would be purchased at a USFWS-approved bank for each shrub (2:1 ratio). Mitigation as required in regulatory permits issued through USFWS may be applied to satisfy this measure.			A qualified will be on site for the duration of transplanting activities The Town will obtain regulatory permits issued through USFWS./Town, USFWS	Prior to ground disturbance and vegetation clearing.
	MM-BIO-11: Elderberry Transplanting. Elderberry shrubs would be transplanted outside the flight season of the valley elderberry longhorn beetle (March to July) and follow the most current version of the American National Standards Institute A300 (Part 6) guidelines for transplanting (http://www.tcia.org/). Exit-hole surveys would be completed immediately before transplanting. The number of exit holes found, GPS location of the plant to be relocated, and the GPS location of where the plant is transplanted would be reported to USFWS. A qualified biologist hired by the Town will be on site for the duration of transplanting activities to ensure compliance with avoidance and minimization measures and other conservation measures. The transplanted shrubs will be monitored by a qualified biologist during one growth season following transplant to confirm shrub survival. If the shrub(s) are deemed alive, no further monitoring or action would be necessary. If the shrub(s) are deemed dead, an additional one credit per shrub would be purchased by the Town from a USFWS-approved bank for valley elderberry longhorn beetle.			A qualified biologist will be on site for the duration of transplanting activities to ensure compliance with avoidance and minimization measures and other conservation measures. The transplanted shrubs will be monitored by a qualified biologist during one growth season following transplant to confirm shrub survival./Town, USFWS	Elderberry shrubs would be transplanted outside the flight season of the valley elderberry longhorn beetle (March to July).
	MM-BIO-12: MM-BIO-12: Avoidance Areas. Activities that may indirectly damage or kill an elderberry shrub (trenching, paving, etc.) will require an avoidance area of at least 20 feet from a shrub's drip line, as appropriate, depending on the type of activity. All activities that could occur within 165 feet of an elderberry shrub will also be conducted outside of the flight season of the valley elderberry longhorn beetle (March to July).			The construction contractor will be responsible for implementation of this mitigation.	All activities that could occur within 165 feet of an elderberry shrub will also be conducted outside of the flight season of the valley elderberry longhorn beetle (March to July).
	MM-BIO-13: Chemical Use. Herbicides will not be used within the drip line of the shrub. Insecticides will not be used within 98 feet (30 meters, as required by USFWS) of an elderberry shrub. If deemed necessary, all chemicals will be applied using a backpack sprayer or similar direct application method.			The construction contractor will be responsible for implementation of this mitigation.	Prior to and during construction.
	MM-BIO-14: Mowing. Mechanical weed removal within the drip line of the shrub would be limited to the season when adult- valley elderberry longhorn beetles are not active (August to February) and will be completed so as to not damage an elderberry shrub.			The construction contractor will be responsible for the implementation of this mitigation.	Implementation of this mitigation will be limited to the season when adult- valley elderberry longhorn beetles are not active (August to February).
Impact BIO-1: Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the CDFW or USFWS: Special-Status Fishes	MM-BIO-15: Frac-Out-Plan. Prior to construction, and as part of the specifications for the project included within the contractor agreement, the Town will require that its contractor prepare an Inadvertent Release Plan to address inadvertent loss of inert drilling fluids in the event of a frac-out during HDD for each waterbody crossing. This plan will include Best Management Practices, monitoring, and contingency procedures, and will be developed, approved by a qualified biologist hired by the Town, and implemented by the contractor during construction to avoid or counteract potential impacts on water quality, fish, or other aquatic wildlife resulting from turbidity changes from the fluids.	Significant Impact	Less-than-Significant Impact	The Town will require that its contractor prepare an Inadvertent Release Plan to address inadvertent loss of inert drilling fluids in the event of a frac-out during HDD for each waterbody crossing./Town, RWQCB, CDFW, USFWS	Prior to construction.

CEQA Mitigation Designation	Mitigation and/or Monitoring Reporting Description	Impact Level Prior to Mitigation	Impact Level with Mitigation	Responsibilities/Enforcement	Timeframe
Impact BIO-1: Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the CDFW or USFWS: Special-status Amphibians and Reptiles	**MM-BIO-1: Minimize Disturbance Footprint.** See description above.	Significant Impact	Less-than-Significant Impact	See description above.	See description above.
	MM-BIO-6: No Net Loss of Aquatic Resources. See description above.			See description above.	See description above.
	MM-BIO-7: Sensitive Community Fencing. See description above.			See description above.	See description above.
	MM-BIO-8: Dry Work Areas. See description above.			See description above.	See description above.
	MM-BIO-16: Western Pond Turtle Visual Encounter Surveys. A preconstruction survey for western pond turtle would be conducted by a qualified biologist within 24 hours prior to the onset of any ground disturbing activities that would occur within 350 feet of the Ordinary High Water Mark (OHWM) of a creek or stream. If juvenile or adult turtles are found within the survey area, they would be moved by a qualified and CDFW-permitted biologist hired by the Town at least 500 feet away from the proposed disturbance area to a location with similar habitat. If a turtle nest is found within the survey area, construction activities would not take place within 100 feet of the nest until the turtles have hatched or the eggs have been moved to an appropriate location. Any egg relocation would be conducted by a qualified and CDFW-permitted biologist in coordination with CDFW.			A preconstruction survey for western pond turtle would be conducted by a qualified biologist./Town, CDFW	Within 24 hours prior to the onset of any ground disturbing activities that would occur within 350 feet of the Ordinary High Water Mark (OHWM) of a creek or stream.
	MM-BIO-17: Foothill Yellow-legged Frog Surveys. Within 3-5 days prior to working within 300 feet radius of the OHWM of a creek or stream within the foothill yellow-legged frog range, per CDFW guidelines, a qualified and CDFW-permitted biologist will survey the Proposed Project site for foothill yellow-legged frogs (adults, subadults, tadpoles or egg masses), including construction access routes and at least 500 feet upstream and downstream (CDFW 2018b). Although unlikely, if the Project activities are expected to result in effects extending beyond 500 feet downstream (e.g., heavy sedimentation that could bury egg masses or tadpole rearing sites), the survey area will be expanded to encompass the expected affected area. If surface water is present during the work period, a qualified biologist hired by the Town will inspect the work area daily for foothill yellow-legged frogs before work begins and during construction.			A qualified and CDFW-permitted biologist will survey the Proposed Project site for foothill yellow-legged frogs. If surface water is present during the work period, a qualified biologist hired by the Town will inspect the work area daily for foothill yellow-legged frogs before work begins and during construction./Town, CDFW	Within 3-5 days prior to working within 300 feet radius of the OHWM of a creek or stream within the foothill yellow-legged frog range. If surface water is present during the work period, a qualified biologist hired by the Town will inspect the work area daily for foothill yellow-legged frogs before work begins and during construction.
	MM-BIO-18: California Red-legged Frog Surveys. Within 3-5 days prior to working within 300 feet of the OHWM of a creek or within 300 feet of fresh emergent wetland habitat, a qualified and CDFW-permitted biologist will conduct a visual encounter survey of the Proposed Project site for California red-legged frogs (adults, subadults, tadpoles or egg masses).			A qualified and CDFW-permitted biologist will conduct a visual encounter survey of the Proposed Project site for California red-legged frogs./Town, CDFW	Within 3-5 days prior to working within 300 feet of the OHWM of a creek or within 300 feet of fresh emergent wetland habitat.
	MM-BIO-19: Conduct Construction Activities during the Active Period for Giant Garter Snakes. During biological monitoring (MM-BIO-4), the biologist will identify any suitable aquatic or upland habitat that may be used by giant garter snake within or adjacent to areas where ground disturbing and vegetation clearing activities would occur. All construction activity within 200 feet of suitable giant garter snake aquatic (generally defined as sloughs, irrigation ditches, creeks or slow-moving streams) or upland habitat (defined as grasslands or disturbed areas within 200 feet of an aquatic feature suitable for a giant garter snake) will be conducted during the snake's active period (May 1 through October 1) in order to minimize the risk that the snakes will be underground and more susceptible to injury or death from ground disturbing activities.			A qualified biologist will be responsible for identifying any suitable aquatic or upland habitat that may be used by giant garter snake./Town, CDFW	During biological monitoring, prior to ground disturbance and vegetation clearing. All construction activity within 200 feet of suitable giant garter snake aquatic will be conducted during the snake's active period (May 1 through October 1)
	MM-BIO-20: Minimize Potential Effects on Giant Garter Snake Habitat. Staging areas will be located more than 200 feet from any suitable giant garter snake aquatic or upland habitat as identified during monitoring by the biologist, or the area will be fenced with exclusion fencing prior to the start of construction. Vegetation clearing within 200 feet of the banks of suitable giant garter snake aquatic habitat will be limited to the minimum area necessary. The movement of heavy equipment within 200 feet of the banks of suitable giant garter snake aquatic habitat will be confined to designated haul routes to minimize habitat disturbance.			Monitoring will be performed by a qualified biologist. The construction contractor will be responsible for implementation of the mitigation.	Prior to construction, during biological monitoring.

CEQA Mitigation Designation	Mitigation and/or Monitoring Reporting Description	Impact Level Prior to Mitigation	Impact Level with Mitigation	Responsibilities/Enforcement	Timeframe
Impact BIO-1: Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the CDFW or USFWS: MBTA and FGC-Protected Birds and Raptors	**MM-BIO-1: Minimize Disturbance Footprint.** See description above.	Significant Impact	Less-than-Significant Impact	See description above.	See description above.
	MM-BIO-21: MBTA- and FGC-Protected Bird and Raptor Surveys. To the extent feasible, tree and vegetation clearing will be conducted outside the migratory bird nesting season (March 1 through August 31) in areas where the Town's biologist identifies potential nesting trees. However, if clearing and/or construction activities need to occur during the migratory bird nesting season in these locations, then preconstruction surveys to identify active migratory bird and/or raptor nests would be conducted by a qualified biologist within 14 calendar days prior to construction initiation. Focused surveys must be performed by a qualified biologist for the purposes of determining presence or absence of active nest sites within the proposed impact area, including construction access routes with a 500-foot buffer, where feasible.			The Town's biologist would be responsible for surveys and identifying potential nesting trees./Town, CDFW	To the extent feasible, tree and vegetation clearing will be conducted outside the migratory bird nesting season (March 1 through August 31). However, if clearing and/or construction activities need to occur during the migratory bird nesting season in these locations, then preconstruction surveys to identify active migratory bird and/or raptor nests would be conducted by a qualified biologist within 14 calendar days prior to construction initiation.
	MM-BIO-22: Protocol Swainson's Hawk Surveys. In the year that construction of the Proposed Project is planned to be initiated, a qualified biologist will conduct protocol surveys for Swainson's hawk in and within 0.5-mile of all suitable habitat for the species in the Proposed Project footprint. These surveys will follow the protocol outlined in the Swainson's Hawk Technical Advisory Committee's *Recommended Timing and Methodology for Swainson's Hawk Nesting Surveys in California's Central Valley* (CDFW 2000). If any active Swainson's hawk nests are found, the biologist will determine an appropriately sized buffer around the nest in which construction activities will not be allowed to commence until which time the nest has been determined by the biologist to have reached the end of its cycle (fledged or failed). The size of the buffer will initially be 0.25-mile per CDFW standard requirements but may be reduced in certain circumstances based on the opinion of the biologist regarding observed sensitivity of the hawks to disturbance, visual screens between the nest and disturbance, and other factors.			A qualified biologist will conduct protocol surveys for Swainson's hawk./Town, CDFW	In the year that construction of the Proposed Project is planned to be initiated.
	MM-BIO-23: Nest Avoidance. If active nests of any MBTA- and FGC-protected bird species are identified within the survey areas, a no-disturbance buffer would be established for all active nest sites prior to commencement of any Proposed Project construction activities to avoid construction or access-related disturbances to migratory bird nesting activities. A no disturbance buffer is a zone in which Proposed Project-related activities (that is, vegetation removal, earth moving, noise generation, and construction) cannot occur. The size of the no disturbance buffers would be determined by a qualified biologist based on the species, activities proposed near the nest, and topographic and other visual barriers.			The construction contractor will be responsible for implementation of the mitigation. The size of the no disturbance buffers would be determined by a qualified biologist./Town, CDFW	Prior to construction activities.

CEQA Mitigation Designation	Mitigation and/or Monitoring Reporting Description	Impact Level Prior to Mitigation	Impact Level with Mitigation	Responsibilities/Enforcement	Timeframe
Impact BIO-1: Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the CDFW or USFWS: Special-Status Bats	**MM-BIO-1. Minimize Disturbance Footprint.** See description above.	Significant Impact	Less-than-Significant Impact	See description above.	See description above.
	MM-BIO-24: Bat Surveys. Prior to implementation of Proposed Project-related activities in undisturbed portions of the Proposed Project site and in and around buildings or other human-made structures with recesses where bats could potentially roost, a qualified biologist will conduct a daytime site reconnaissance of the area. The biologist, focusing on buildings and other human-made structures or trees with cavities or exfoliating bark, would look for bats and bat signs including existing roost sites, bat guano deposits, and will listen for roosting bats. If the daytime survey does not identify the presence of potential bat roosts, no further mitigation is required. If potential roost sites are identified, an exit nighttime survey will be conducted to determine species of roosting bats, relative bat activity, and to estimate the number of individual bats. This nighttime survey may be an active or passive acoustic monitoring survey. If occupied bat roost sites are identified, appropriate spatial and temporal buffers, as defined by the Town's biologist based on experience with bat species, would be implemented to minimize impact on roosting bats during construction of the Project.			A qualified biologist will conduct a daytime site reconnaissance of the area./Town, CDFW	Prior to construction activities.
Impact BIO-1: Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the CDFW or USFWS: American Badger	**MM-BIO-1. Minimize Disturbance Footprint.** See description above.	Significant Impact	Less-than-Significant Impact	See description above.	See description above.
	MM-BIO-25: American Badger Detection Surveys. Within 14 days prior to implementation of Proposed Project-related activities in or adjacent to American badger habitat (annual grassland, mixed chaparral, and blue oak-foothill pine), a qualified biologist will determine if American badger dens are present within 500 feet of the proposed impact area, including construction access routes. If badger den(s) are observed, the following buffer distances, according to what type of den(s) the biologist determines it (them) to be, will be established prior to construction activities: • potential den = 30 feet • active (adults present) den = 250 feet • natal (young present) den = 500 feet Activities permitted within and the size of the no disturbance buffers may be adjusted based on an evaluation by the qualified biologist. The buffer would be imposed until a qualified biologist determines the den is inactive.			A qualified biologist will determine if American badger dens are present within 500 feet of the proposed impact area./Town, CDFW	Within 14 days prior to implementation of Proposed Project-related activities in or adjacent to American badger habitat.
Impact BIO-2: Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the CDFW or USFWS	**MM-BIO-1: Minimize Disturbance Footprint.** See description above.	Significant Impact	Less-than-Significant Impact	See description above.	See description above.
	MM-BIO-5: **Restoration of Temporarily Disturbed Areas and Invasive Weed Control.** See description above.			See description above.	See description above.
	MM-BIO-6: No Net Loss of Aquatic Resources. See description above.			See description above.	See description above.
	MM-BIO-7: Sensitive Community Fencing. See description above.			See description above.	See description above.
	MM-BIO-8: **Dry Work Areas. See description above.**			See description above.	See description above.
Impact BIO-3: Have a substantial adverse effect on state or federally protected wetlands	**MM-BIO-1: Minimize Disturbance Footprint.** See description above.	Significant Impact	Less-than-Significant Impact	See description above.	See description above.
	MM-BIO-5: **Restoration of Temporarily Disturbed Areas and Invasive Weed Control.** See description above.			See description above.	See description above.
	MM-BIO-6: No Net Loss of Aquatic Resources. See description above.			See description above.	See description above.
	MM-BIO-7: Sensitive Community Fencing. See description above.			See description above.	See description above.
	MM-BIO-8: **Dry Work Areas. See description above.**			See description above.	See description above.
	MM-BIO-26: State or Federally Protected Wetlands Mitigation. Compensatory mitigation for temporary and permanent impacts on state and/or federally protected wetlands that cannot be avoided through other mitigation measures will be purchased by the Town at a minimum 1:1 ratio, as defined by USACE through the Section 404 permit. Mitigation might include onsite restoration approved by the USACE, in-lieu fee payment, or purchase of mitigation credits at a USACE approved mitigation bank. Mitigation as required in regulatory permits issued through the USACE and/or CDFW may be applied to satisfy this measure.			Compensatory mitigation for temporary and permanent impacts on state and/or federally protected wetlands that cannot be avoided through other mitigation measures will be purchased by the Town, in accordance with USACE 404 permitting./Town, USACE, CDFW	During and post-construction activities.

CEQA Mitigation Designation	Mitigation and/or Monitoring Reporting Description	Impact Level Prior to Mitigation	Impact Level with Mitigation	Responsibilities/Enforcement	Timeframe
Cultural Resources					
Impact CUL-2: Cause a substantial adverse change in the significance of an archaeological resource pursuant to section 15064.5	**MM-CUL-1: Targeted Archaeological Monitoring.** As described above, the archaeological survey did not include the proposed Export Pipeline System between Midway Road and Skyway due to lack of landowner consent to access. Additionally, although not fully relocated, previous monitoring work along Skyway recorded a series of sparse lithic scatters demonstrating an elevation sensitivity for near-surface archaeological sites. Therefore, based on the lack of previous survey coverage and the number of previously documented archaeological sites in the vicinity, the Project alignment between Midway Road (on the west) and the intersection of Skyway and Neal Road (on the east) will be subject to monitoring during initial ground disturbance by a qualified professional archaeologist. The archaeologist will monitor initial trenching of previously undisturbed deposits, but the monitoring may vary based on the rate of excavation, the materials excavated, and the absence/presence of artifacts and/or cultural features. In the event of an inadvertent discovery during monitoring, the procedures noted in **MM-CUL-2** will be implemented.	Significant Impact	Less-than-Significant Impact	Monitoring will be performed by a qualified archeologist.	During initial ground disturbance.
	MM-CUL-2: Follow Inadvertent Discovery Procedures. If unrecorded cultural resources are encountered during Project-related ground-disturbing activities, even in the absence of an onsite archaeological monitor, a qualified cultural resources specialist will be contacted to assess the potential significance of the find. If an inadvertent discovery of cultural materials (e.g., unusual amounts of shell, animal bone, bottle glass, ceramics, structure/building remains) is made during Project-related construction activities, ground disturbances in the area of the find will be halted, and a qualified professional archaeologist will be notified regarding the discovery. The archaeologist will determine whether the resource is potentially significant per the CRHR and develop appropriate mitigation, such as avoidance or data recovery.			A qualified cultural resources specialist will be contacted to assess the potential significance of unrecorded cultural resources. A qualified archaeologist will be notified regarding any inadvertent discovery of cultural resources.	During project-related ground-disturbing activities.
Geology, Soils, and Paleontological Resources					
Impact GEO-1(b): Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving: Strong seismic ground shaking	**MM-GEO-1: Minimize Geologic Hazards.** Prior to construction, the Town will obtain the services of a qualified, licensed geotechnical engineer to prepare a design-level geotechnical report with specific recommendations to address geologic hazards, seismic safety, and soil conditions during construction. The Town will review the geotechnical report with the geotechnical engineer to develop viable measures that will avoid or minimize risks associated with ground shaking, liquefaction, landslides, unstable soils, and expansive soils during construction. The Town will require contractors to incorporate these measures into all construction plans and specifications.	Significant Impact	Less-than-Significant Impact	The Town will obtain the services of a qualified, licensed geotechnical engineer to prepare a design-level geotechnical report. The Town will review the geotechnical report with the geotechnical engineer to develop viable measures. The Town will require contractors to incorporate these measures into all construction plans and specifications.	Prior to construction activities.
Impact GEO-1(c): Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving: Seismic-related ground failure, including liquefaction	**MM-GEO-1: Minimize Geologic Hazards.** See description above.	Significant Impact	Less-than-Significant Impact	See description above.	See description above.
Impact GEO-1(d): Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving: Landslides	**MM-GEO-1: Minimize Geologic Hazards.** See description above.	Significant Impact	Less-than-Significant Impact	See description above.	See description above.
Impact GEO-3: Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the Project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse	**MM-GEO-1: Minimize Geologic Hazards.** See description above.	Significant Impact	Less-than-Significant Impact	See description above.	See description above.
Impact GEO-4: Be located on expansive soil, as defined in Table 18-1B of the Uniform Building Code (1994), creating substantial direct or indirect risk to life or property	**MM-GEO-1: Minimize Geologic Hazards.** See description above.	Significant Impact	Less-than-Significant Impact	See description above.	See description above.

CEQA Mitigation Designation	Mitigation and/or Monitoring Reporting Description	Impact Level Prior to Mitigation	Impact Level with Mitigation	Responsibilities/Enforcement	Timeframe
Impact GEO-6: Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature	**MM-GEO-2: Inadvertent Discovery Protocol**. If paleontological resources are discovered during earth-moving activities, the construction crew will immediately cease work within a 50-foot radius of the find and notify the Town's Project Manager. Construction work will be halted until the collection of fossil specimens has been completed. The collection and treatment actions will occur after recovery of specimens and once scientific value can be confirmed and documented. If fossils are found, treatment actions will include sampling for microfossils, conducting paleomagnetic analysis, identifying and preparing fossils, arranging for a repository, and preparing a final report.	Significant Impact	Less-than-Significant Impact	If paleontological resources are discovered during earth-moving activities, the construction crew will immediately cease work and notify the Town's Project Manager.	During earth-moving activities.
Hazards and Hazardous Materials					
Impact HAZ-1: Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials	**MM-HAZ-1: Vehicle Equipment Access and Fueling:** During construction, the Town will require and enforce through encroachment permit conditions and construction documents that all vehicle traffic associated with Proposed Project-related activities will be confined to established roads, staging areas, and parking areas. Additionally, maintenance or refueling of vehicles or equipment must occur in designated areas and/or secondary containment away from waterbodies.	Significant Impact	Less-than-Significant Impact	The Town will be responsible for mitigation enforcement through encroachment permit conditions.	During construction activities.
Impact HAZ-4: Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment	**MM-HAZ-2: Cypress Lane Site Specific Contaminated Soil Management Plan.** Prior to any work set to occur within 500 feet of the Cypress Lane Site, a parcel-specific contaminated soil management plan shall be prepared to address the known contamination at the site for submittal to and approval by DTSC. The plan shall include specific hazards and provisions for how soils and groundwater will be managed at the Cypress Lane Site. The plan shall provide requirements for soil testing and characterization, soil disposal protocols, protocols governing the discovery of unknown contaminants, and soil management. The plan shall also include health and safety provisions including training requirements for site workers who may be handling contaminated material, including the transport and disposal of contaminated material; chemical exposure hazards in soil, groundwater, or soil vapor that are known to be present at the property; and mitigation and monitoring measures that are protective of the site worker and public health and safety. These health and safety provisions shall be prepared to meet OSHA requirements, Title 29 of the CFR 1910.120 and CCR Title 8, Section 5192, and all applicable federal, state, and local regulations and agency ordinances related to the proposed management, transport, and disposal of contaminated media during implementation of work and field activities. The plan shall be signed and sealed by a Certified Industrial Hygienist, who is licensed by the American Board of Industrial Hygiene. The plan shall be enforced by DTSC or another applicable regulator and included as a requirement of construction/in construction documents.	Significant Impact	Less-than-Significant Impact	The construction contractor will be responsible for implementation of a soil management plan, which will be submitted and approved by DTSC. The plan shall be signed and sealed by a Certified Industrial Hygienist who is licensed by the American Board of Industrial Hygiene. The plan shall be enforced by DTSC or another applicable regulator and included as a requirement of construction/in construction documents./Town, DTSC or other regulator	Prior to any work set to occur within 500 feet of the Cypress Lane Site.

CEQA Mitigation Designation	Mitigation and/or Monitoring Reporting Description	Impact Level Prior to Mitigation	Impact Level with Mitigation	Responsibilities/Enforcement	Timeframe
Impact HAZ-6: Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan	**MM-HAZ-3: Road Closure Restrictions.** The Proposed Project will require a Butte County encroachment permit. The standard Butte County encroachment permit requires that "at least one lane of any public road…shall be kept open for travel by the general public at all times." Skyway consists of four lanes of traffic, two in each direction. The Proposed Project will require a Town of Paradise encroachment permit for work within the Town limits. During construction, the Proposed Project will only close one lane of traffic at any given time, other than short instances where a two-lane closure might be required for relocation of large equipment; this will be a requirement stated in the construction documents issued by the Town. Therefore, three lanes of Skyway will always remain open.	Significant Impact	Less-than-Significant Impact	The Town will be responsible for obtaining a Butte County construction encroachment permit. Butte County will have authority to enforce this mitigation./Town, Butte County	
	MM-HAZ-4: Rapid Demobilization Plan. In the construction documents issued by the Town, the contractor will be required to prepare a rapid demobilization plan covering the one Skyway lane it occupies. This demobilization involves the contractor covering any open trench with metal plates sufficiently strong to carry vehicle traffic, patching cut pavement, removing traffic barrier rails (if used), and moving construction equipment completely clear of the road. During fire season, the contractor will be required to have sufficient metal plating on-site to immediately cover any open trench, and conversely the length of open trenching will be limited to the amount of metal plating on-site. The contractor will also be required to have sufficient cold-mix asphalt on site to temporarily patch any cut road surface. The plan will be reviewed and approved by the Public Works Director and enforced by the Town.			The contractor will be required to prepare a rapid demobilization plan and obtain necessary materials. The plan will be reviewed and approved by the Public Works Director and enforced by the Town.	The rapid demobilization plan will be prepared prior to construction.
	MM-HAZ-5: Evacuation Warning Procedures. At the direction of the Town, the contractor will cease all construction operations and implement the rapid demobilization plan. As part of the rapid demobilization plan approved by the Public Works Director and enforced by the Town, the contractor will be required to demobilize off of Skyway, leaving all four lanes clear for public traffic and emergency crews, within four hours if no traffic barrier rails are being used and within eight hours if traffic barrier rails are being used. Again, other than short instances where a two-lane closure might be required for relocation of large equipment, during construction, three of the four lanes of Skyway will be continuously open.			At the direction of the Town, the contractor will cease all construction operations and implement the rapid demobilization plan. As part of the rapid demobilization plan approved by the Public Works Director and enforced by the Town, the contractor will be required to demobilize off of Skyway.	In the event of an emergency requiring evacuation.
	MM-HAZ-6: Traffic Management Plan. During final design, the Town will require that the engineering designer prepare a Traffic Management Plan that complies with Section 110.7 Traffic Control Plans of the *Highway Design Manual* (Caltrans 2020), that will be included in the construction documents and implemented by the construction contractor. The designer will submit the plan to the Town of Paradise, Butte County, and City of Chico's transportation and engineering departments for review and approval before it is included in the construction documents. The plan will be prepared in accordance with professional engineering standards and will include, but not be limited to, the following requirements: • Schedule truck trips outside of the peak traffic hours, when feasible. • Store all equipment and materials in designated staging areas. • Use of signage to guide vehicles, bicyclists, and pedestrians through and/or around the construction areas. • Install traffic control devices where traffic conditions warrant. • Provide safe detours to reroute vehicle, bicycle, and pedestrian traffic. • Encourage construction crews to park at staging areas to limit lane closures in the public right-of-way. • Consult with Butte Regional Transit prior to construction to coordinate bus stop relocations (as necessary). • Coordinate all construction activities with the emergency service providers in the area. • Stop all construction work during any period of time declared as a Red Flag Warning. A Red Flag Warning is issued by the National Weather Service for weather events that may produce an increased risk of fire danger. • Post notices and/or appropriate signage to notify the public of upcoming construction activities, including exact location, schedule, and duration. This will include alternative access routes if a short-term full-lane closure will be required to transport equipment. • The Traffic Management Plan will be enforced by the Town of Paradise.			The Town will require that the engineering designer prepare a Traffic Management Plan, that will be included in the construction documents and implemented by the construction contractor. The designer will submit the plan to the Town of Paradise, Butte County, and City of Chico's transportation and engineering departments for review and approval before it is included in the construction documents./Town, County, City	During final design, the Town will require that the engineering designer prepare a Traffic Management Plan.

CEQA Mitigation Designation	Mitigation and/or Monitoring Reporting Description	Impact Level Prior to Mitigation	Impact Level with Mitigation	Responsibilities/Enforcement	Timeframe
Impact HAZ-7: Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires	**MM-HAZ-1: Vehicle Equipment Access and Fueling .**See description above.	Significant Impact	Less-than-Significant Impact	See description above.	See description above.
	MM-HAZ-7: **Incorporate Fire Prevention Measures**. Require that construction crews and equipment avoid circumstances that could cause wildfire and that crews and staff have access to fire-prevention equipment onsite. Specific fire prevention measures include: fire extinguishers or other approved fire suppressants are to be available at all times, proper storage of flammable materials, safe cutting and welding practices, proper installation of temporary electrical equipment, and use of dust-collecting apparatus on power equipment.			The construction contractor will be responsible for implementation of this mitigation.	Prior to and during construction activities.
	MM-HAZ-8: Incorporate Public Safety Measures. Requires that the public will receive adequate warning of construction activities and any dangerous condition that might result from the use of fences, barriers, lights, flagging, guards, and signs. This will be incorporated into the Traffic Management Plan.			The Town and construction contractor will be responsible for implementation of this mitigation.	Prior to construction activities.
	MM-HAZ-9: Wildland Fire Area. The Contractor will be advised that the Town of Paradise is in a Wildland Fire Area and during the summer months the fire hazard is EXTREME.			The construction contractor is responsible for implementation of this mitigation.	Prior to construction activities.
Hydrology and Water Quality					
Impact HYD-1: Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality	**MM-HAZ-1: Vehicle and Equipment Access and Fueling.** See description under Hazards and Hazardous Materials, above.	Significant Impact	Less-than-Significant Impact	See description under Hazards and Hazardous Materials, above.	See description under Hazards and Hazardous Materials, above.
	MM-HYD-1: Stormwater Management and Treatment Plan. The Town will require in the construction agreement that the contractor prepare and implement a Proposed Project-specific Stormwater Management and Treatment Plan that addresses construction-related activities. The plan will include all of the SWPPP and Small MS4 permits, as well as the Construction BMPs included in **MM-HYD-2**.			Town will require in the construction agreement that the contractor prepare and implement a Proposed Project-specific Stormwater Management and Treatment Plan./Town, RWQCB	Prior to construction activities.
	MM-HYD-2: Construction Best Management Practices: Prior to initiation of ground- disturbing activities within 250 feet of vernal pools or 100 feet of other aquatic resources, construction BMPs will be employed on-site to prevent degradation to on-site and off-site aquatic resources. Methods will include the use of appropriate measures to intercept and capture sediment prior to entering aquatic resources, as well as erosion control measures along the perimeter of all work areas to prevent the displacement of fill material. All BMPs will be in place prior to initiation of any construction activities and will remain until construction activities are completed. All erosion control methods will be maintained until all on-site soils are stabilized.			The construction contractor would be responsible for the implementation of this mitigation.	Prior to initiation of ground disturbing activities.
	MM-BIO-15: Frac-Out-Plan. See description under Biological Resources, above.			See description under Biological Resources, above.	See description under Biological Resources, above.
Impact HYD-3(a): Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would: Result in substantial erosion or siltation on or off-site	**MM-HYD-1: Stormwater Management and Treatment Plan.** See description above.	Significant Impact	Less-than-Significant Impact	See description above.	See description above.
Impact HYD-3(b): Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would: Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site	**MM-HYD-1: Stormwater Management and Treatment Plan.** See description above.	Significant Impact	Less-than-Significant Impact	See description above.	See description above.
	MM-HYD-3: Flood Protection Plan. Prior to construction, the Town will require that the contractor prepare and implement a Flood Protection Plan for the Proposed Project. The Flood Protection Plan must include evacuation routes in the event of a flood, and will include the implementation of temporary flood barriers, such as sandbags, berms or portable fence systems, to be set up around the perimeter of the construction work area in high flood hazard areas, as discussed in Section 3.10.1.5, Tsunami, Seiche and Flood Hazards.			The Town will require that the contractor prepare and implement a Flood Protection Plan for the Proposed Project./Town, RWQCB	Prior to construction activities.

CEQA Mitigation Designation	Mitigation and/or Monitoring Reporting Description	Impact Level Prior to Mitigation	Impact Level with Mitigation	Responsibilities/Enforcement	Timeframe
Impact HYD-3(c): Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would: Create or contribute runoff water that would exceed the capacity of existing or planned storm water drainage systems or provide substantial additional sources of polluted runoff	**MM-HYD-1: Stormwater Management and Treatment Plan.** See description above.	Significant Impact	Less-than-significant Impact	See description above.	See description above
	MM-HYD-3: Flood Protection Plan. See description above.			See description above.	See description above
Impact HYD-4: In flood hazard, tsunami, or seiche zones, risk release of pollutants due to Project inundation	**MM-HYD-3: Flood Protection Plan.** See description above.	Significant Impact	Less-than-Significant Impact	See description above.	See description above
Impact HYD-5: Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan	**MM-HYD-1: Stormwater Management and Treatment Plan.** See description above.	Significant Impact	Less-than-Significant Impact	See description above.	See description above.
Noise					
Impact NSE-1: Generate a substantial temporary or permanent increase in ambient noise levels in the vicinity of the Project in excess of standards established in the local general plan or noise ordinance, or in applicable standards of other agencies	**MM-NSE-1: Minimize Construction Noise.** Prior to construction, the Town will incorporate the following measures into all construction plans and agreements to reduce noise levels during construction: • Equip all internal combustion engine driven equipment with intake and exhaust mufflers that are in good condition and appropriate for the equipment. • Locate stationary noise-generating equipment as far as possible from noise-sensitive receptors. • Use quiet air compressors and other stationary noise-generating equipment where appropriate technology exists and is feasible. • Maintain and tune all equipment in accordance with the manufacturer's recommendations to minimize noise emission. • Install temporary construction-site sound barriers near noise sources. • Prohibit unnecessary idling of internal combustion engines. • Limit use of public address systems. • Post the days and hours of construction as well as the name and phone number of a designated representative to be contacted for noise-related concerns at the perimeter of the construction site. • Comply with county, city and/or town noise policies applicable to the location's jurisdiction.	Significant Impact	Less-than-Significant Impact	The Town and construction contractor will be responsible for implementation of this mitigation.	Prior to construction.
Impact NSE-2: Generate excessive groundborne vibration or groundborne noise levels	**MM-NSE-1: Minimize Construction Noise.** See description above.	Significant Impact	Less-than-Significant Impact	See description above.	See description above.
Public Services					
Impact PS-1(a): Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the following public services: Fire Protection	**MM-HAZ-6: Traffic Management Plan.** See description under Hazards and Hazardous Materials, above.	Significant Impact	Less-than-Significant Impact	See description under Hazards and Hazardous Materials, above.	See description under Hazards and Hazardous Materials, above.

CEQA Mitigation Designation	Mitigation and/or Monitoring Reporting Description	Impact Level Prior to Mitigation	Impact Level with Mitigation	Responsibilities/Enforcement	Timeframe
Impact PS-1(b): Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the following public services: Police Protection	**MM-HAZ-6: Traffic Management Plan.** See description under Hazards and Hazardous Materials, above.	Significant Impact	Less-than-Significant Impact	See description under Hazards and Hazardous Materials, above.	See description under Hazards and Hazardous Materials, above.
Impact PS-1(c): Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the following public services: Schools	**MM-HAZ-6: Traffic Management Plan.** See description under Hazards and Hazardous Materials, above.	Significant Impact	Less-than-Significant Impact	See description under Hazards and Hazardous Materials, above.	See description under Hazards and Hazardous Materials, above.
Impact PS-1(d): Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the following public services: Other Public Facilities	**MM-HAZ-6: Traffic Management Plan.** See description under Hazards and Hazardous Materials, above.	Significant Impact	Less-than-Significant Impact	See description under Hazards and Hazardous Materials, above.	See description under Hazards and Hazardous Materials, above.
Transportation					
Impact TRA-1: Conflict with a program plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities	**MM-HAZ-6: Traffic Management Plan.** See description under Hazards and Hazardous Materials, above.	Significant Impact	Less-than-Significant Impact	See description under Hazards and Hazardous Materials, above.	See description under Hazards and Hazardous Materials, above.
Impact TRA-4: Result in inadequate emergency access	**MM-HAZ-6: Traffic Management Plan.** See description under Hazards and Hazardous Materials, above.	Significant Impact	Less-than-Significant Impact	See description under Hazards and Hazardous Materials, above.	See description under Hazards and Hazardous Materials, above.

CEQA Mitigation Designation	Mitigation and/or Monitoring Reporting Description	Impact Level Prior to Mitigation	Impact Level with Mitigation	Responsibilities/Enforcement	Timeframe
Tribal Cultural Resources					
Impact TCR-1: Cause a substantial adverse change in the significance of a tribal cultural resource, defined in PRC Section 21074 as either a site, feature, place, or cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is: • **Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in PRC Section 5020.1(k), or** • **A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of PRC Section 5024.1. In applying the criteria set forth in subdivision (c) of PRC Section 5024.1, the lead agency will consider the significance of the resource to a California Native American tribe**	**MM-TCR-1:** Coordination with Konkow Valley Band of Maidu and Mechoopda Indian Tribe. During final design, the Town will continue to consult and coordinate with the Konkow Valley Band of Maidu and Mechoopda Indian Tribe to identify sensitive areas to be protected during construction work and appropriate methods to protect those areas.	Significant Impact	Less-than-Significant Impact	The Town will be responsible for coordination efforts with the Konkow Valley Band of Maidu and Mechoopda Indian Tribe.	During final design.
	MM-TRC-2: Tribal Cultural Monitoring. Prior to construction, the Town will coordinate with the Konkow Valley Band of Maidu and Mechoopda Indian Tribe to identify a Tribal Cultural Monitor, as deemed necessary by either/both Tribes, to be present during ground disturbance work within areas designated as sensitive for tribal cultural resources.			The Town will coordinate with the Konkow Valley Band of Maidu and Mechoopda Indian Tribe to identify a Tribal Cultural Monitor.	Prior to and during construction activities.
Utilities and Service Systems					
Impact UTIL-1: Require or result in the relocation or construction of new or expanded water, wastewater treatment, storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects	**MM-UTIL-1: Minimize Utility and Service System Disruptions.** During final design, to minimize disruptions to utility services, the Town will prepare a Utility Conflict and Coordination Plan that identifies outages that could affect residents and businesses, including fiber-optic/communications, water, power, and gas. As part of that plan, the public and stakeholders will be notified by signage and on Town's website of any potential service interruptions at least 2 weeks prior to construction work.			The Town will prepare a Utility conflict and Coordination Plan and will be responsible for its implementation.	During final design.
Wildfire					
Impact FIRE-1: Substantially impair an adopted emergency response plan or emergency evacuation plan	**MM-HAZ-3: Road Closure Restrictions.** See description under Hazards and Hazardous Materials, above.	Significant Impact	Less-than-Significant Impact	See description under Hazards and Hazardous Materials, above.	See description under Hazards and Hazardous Materials, above.
	MM-HAZ-4: Rapid Demobilization Plan. See description under Hazards and Hazardous Materials, above.			See description under Hazards and Hazardous Materials, above.	See description under Hazards and Hazardous Materials, above.
	MM-HAZ-5: Evacuation Warning Procedures. See description under Hazards and Hazardous Materials, above.			See description under Hazards and Hazardous Materials, above.	See description under Hazards and Hazardous Materials, above.
	MM-HAZ-6: Traffic Management Plan. See description under Hazards and Hazardous Materials, above.			See description under Hazards and Hazardous Materials, above.	See description under Hazards and Hazardous Materials, above.

CEQA Mitigation Designation	Mitigation and/or Monitoring Reporting Description	Impact Level Prior to Mitigation	Impact Level with Mitigation	Responsibilities/Enforcement	Timeframe
Impact FIRE-2: Exacerbate wildfire risks due to slope, prevailing winds, and other factors, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire	**MM-HAZ-1: Vehicle Equipment Access and Fueling.** See description under Hazards and Hazardous Materials, above.	Significant Impact	Less-than-Significant Impact	See description under Hazards and Hazardous Materials, above.	See description under Hazards and Hazardous Materials, above.
	MM-HAZ-7: Incorporate Fire Prevention Measures. See description under Hazards and Hazardous Materials, above.			See description under Hazards and Hazardous Materials, above.	See description under Hazards and Hazardous Materials, above.
	MM-HAZ-8: Incorporate Public Safety Measures. See description under Hazards and Hazardous Materials, above.			See description under Hazards and Hazardous Materials, above.	See description under Hazards and Hazardous Materials, above.
	MM-HAZ-9. Wildland Fire Area. See description under Hazards and Hazardous Materials, above.			See description under Hazards and Hazardous Materials, above.	See description under Hazards and Hazardous Materials, above.
Impact FIRE-3: Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines, or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment	**MM-HAZ-1: Vehicle Equipment Access and Fueling.** See description under Hazards and Hazardous Materials, above.	Significant Impact	Less-than-Significant Impact	See description under Hazards and Hazardous Materials, above.	See description under Hazards and Hazardous Materials, above.
	MM-HAZ-7: Incorporate Fire Prevention Measures. See description under Hazards and Hazardous Materials, above.			See description under Hazards and Hazardous Materials, above.	See description under Hazards and Hazardous Materials, above.
	MM-HAZ-8: Incorporate Public Safety Measures. See description under Hazards and Hazardous Materials, above.			See description under Hazards and Hazardous Materials, above.	See description under Hazards and Hazardous Materials, above.
	MM-HAZ-9. Wildland Fire Area. See description under Hazards and Hazardous Materials, above.			See description under Hazards and Hazardous Materials, above.	See description under Hazards and Hazardous Materials, above.
Impact FIRE-4: Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes	**MM-HYD-1: Stormwater Management and Treatment Plan.** See description under Hydrology and Water Quality, above.	Significant Impact	Less-than-Significant Impact	See description under Hydrology and Water Quality above.	See description under Hydrology and Water Quality, above.
	MM-HYD-3: Flood Protection Plan. See description under Hydrology and Water Quality, above.			See description under Hydrology and Water Quality, above.	See description under Hydrology and Water Quality, above.
	MM-GEO-1: Minimize Geologic Hazards. See description under Geology, Soils, and Paleontological Resources, above.			See description under Geology, Soils, and Paleontological Resources, above.	See description under Geology, Soils, and Paleontological Resources, above.