



**California Department of Fish and Wildlife
Central Region
1234 EAST SHAW AVENUE
FRESNO, CA 93710**

California Endangered Species Act
Incidental Take Permit No. 2081(b)-2026-019-04

**CALIFORNIA HIGH-SPEED RAIL PROJECT
MERCED TO MADERA SEGMENT
SUBSURFACE SOIL INVESTIGATIONS**

I. Authority:

This California Endangered Species Act (CESA) incidental take permit (ITP) is issued by the California Department of Fish and Wildlife (CDFW) pursuant to Fish and Game Code section 2081, subdivisions (b) and (c), and California Code of Regulations, Title 14, section 783.0 et seq. CESA prohibits the take¹ of any species of wildlife designated by the California Fish and Game Commission as an endangered, threatened, or candidate species.² However, CDFW may authorize the take of any such species by permit pursuant to the conditions set forth in Fish and Game Code section 2081, subdivisions (b) and (c). (See Cal. Code Regs., tit. 14, § 783.4.)

Permittee:	California High-Speed Rail Authority
Principal Officer:	Ian Choudri, Chief Executive Officer
Contact Person:	Stefan Galvez-Abadia
Mailing Address:	770 L Street Sacramento, CA 95814

II. Effective Date and Expiration Date of this ITP:

This ITP is effective as of the date signed by CDFW below. Unless renewed by CDFW, this ITP and its authorization to take the Covered Species shall expire on **May 8, 2031**.

Notwithstanding the expiration date on the take authorization provided by this ITP, Permittee's obligations pursuant to this ITP do not end until CDFW accepts as complete the Permittee's Final Mitigation Report required by Condition of Approval 6.7 of this ITP.

III. Project Location:

The California High-Speed Rail Project – Merced to Madera Section (Project) begins at Gerard Avenue within the City of Merced in Merced County and continues southeast approximately 31 miles ending at Avenue 19 in Madera County where it connects to the existing Construction Package 1D near

¹Pursuant to Fish and Game Code section 86, "take' means hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture, or kill." (See also *Environmental Protection Information Center v. California Department of Forestry and Fire Protection* (2008) 44 Cal.4th 459, 507 [for purposes of incidental take permitting under Fish and Game Code section 2081, subdivision (b), "take' ... means to catch, capture or kill".])

²The definition of an endangered, threatened, and candidate species for purposes of CESA are found in Fish and Game Code sections 2062, 2067, and 2068, respectively.

Madera Acres (Figure 1). The Project's northern boundary is approximately 37.280439, -120.448887, and the Project's southern boundary is approximately 37.025529, -120.079569.

IV. Project Description:

The Project includes subsurface soil investigations within distinct Work Areas along public rights-of-way and within privately held parcels. These subsurface soil investigations involve site preparation, potholing to confirm the locations of existing underground utilities, and geotechnical investigations to define precise conditions along the high-speed rail segment.

Access and Initial Site Preparation

Access to each Work Area will utilize existing public roadways, private access, and existing farm roads. Where existing roads are not available, access will involve driving over low-lying vegetation and between row crops. Site access will not involve clearing, grading, or excavation; however site access may involve non-ground disturbing vegetation removal. Work Area preparation may involve clearing and grubbing of dense vegetation, along with minor grading of uneven terrain.

Potholing

Potholing will be performed to locate existing underground utilities, employing the use of ground penetrating radar and/or specific utility locating equipment in conjunction with excavation via non-mechanical hand tools and vacuum excavators. There are 122 locations where potholing activities are planned to occur. The estimated disturbance within the Work Area for each utility pothole location is approximately 1,000 square feet (approximately 5ft by 200ft).

Geotechnical Investigation

Geotechnical investigation will include rotary boring and cone penetration test (CPT). Rotary boring soil investigations shall involve the drilling of no greater than 8-inch diameter boreholes, the boring type, diameter, and depth will vary depending on subsurface geological and hydrological conditions and the type of design feature proposed at each site. The drill rig used to perform geotechnical investigations may involve a track- or truck-mounted drill rig to facilitate site access.

Cone penetration testing (CPT) consists of a hydraulically-advanced cone penetrometer assembly mounted to the end of a series of hollow steel rods. CPT is expected to result in a void no greater than 3 inches in diameter and may be performed from a 25-30-ton truck where testing equipment is housed and transported.

Geotechnical investigations will take place along the proposed alignment at approximately 659 locations. Each Work Area involving geotechnical investigations will be approximately 200 square feet (approximately 10ft by 20 ft) to allow for equipment parking, and Covered Activities to take place. Where appropriate, spoils from these activities will be containerized within 55-gallon drums for offsite transportation. Boreholes and CPT voids will be backfilled with cement/bentonite grout, and/or neat cement from the bottom up.

Covered Activities will generally be completed in one day, and each Work Area returned to pre-existing grade conditions immediately following the completion of the investigative activity.

V. Covered Species Subject to Take Authorization Provided by this ITP:

This ITP covers the following species:

<u>Name</u>	<u>CESA Status</u>
1. California tiger salamander (<i>Ambystoma californiense</i> , CTS)	Threatened ³

This species and only this species is the “Covered Species” for the purposes of this ITP.

VI. Impacts of the Taking on Covered Species:

Project activities and their resulting impacts are expected to result in the incidental take of individuals of the Covered Species. The activities described above expected to result in incidental take of individuals of the Covered Species may include ground disturbance including excavating, drilling, trenching, advancing the CPT probe, placing concrete, backfilling, and placing soils, and materials; operating heavy equipment; vehicle traffic; clearing, grubbing, removing vegetation; staging and laying down equipment; and the use of vacuum excavators (Covered Activities).

Incidental take of individuals of the Covered Species in the form of mortality (“kill”) may occur as a result of Covered Activities such as vehicle, equipment, and tool strikes (direct contact with sharp objects and/or blunt-force trauma); burrow collapse associated with ground disturbance, vegetation removal, stockpiling, staging and laying down equipment, and operating heavy equipment in Covered Species upland habitat, resulting in crushing, suffocating, burying, or entombing individuals of the Covered Species in occupied burrows or crevices; striking or crushing of individuals of the Covered Species during stockpiling of soils and materials, staging and laying down equipment, and operating vehicles and heavy equipment; entrapment and desiccation of the Covered Species within trenches, holes, and uncovered excavations. Incidental take of individuals of the Covered Species may also occur from Covered Activities in the form of corralling, catching, or capturing of individuals in confined areas; and when individuals of the Covered Species are pursued, collected, and relocated out of harm’s way as required by this ITP. The areas where authorized take of the Covered Species is expected to occur include the approximately 1,943.87-acre Project site (collectively, the Project Area).

The Project is expected to cause the loss of **10.83 acres** (3.03 acres resulting from geotechnical investigations, 2.80 acres resulting from potholing activities, and 5.00 acres resulting from Work Area access activities) of habitat for the Covered Species. Individuals of the Covered Species could use small mammal burrows for underground refugia, shelter, foraging, and protection. The nearest known record of the Covered Species in the California Natural Diversity Database (CNDDDB) is located approximately 0.6 miles south of the Project Area. This Covered Species occurrence is presumed

³See Cal. Code Regs. tit. 14 § 670.5, subd. (b)(3)(G).

extant and consisted of five adults found by High-Speed Rail Project biologists between July 13 and September 21, 2021. Although it is separated from the Project Area by Avenue 19, there are no complete barriers to Covered Species movement to the Project Area.

The primary causes of potential direct take are likely to be from injury resulting from geotechnical investigations and potholing, vehicular strike, and capture when Covered Species are pursued, collected, and relocated out of harm’s way as required by this ITP. In addition, indirect impacts include stress, disorientation, and disruptions to Covered Species estivation and movement resulting from noise, ground vibrations, and fugitive dust; loss or decline of Covered Species habitat and habitat quality resulting from introduction, spread, or colonization of invasive plant species; exclusion from or avoidance of preferred foraging and sheltering habitat; increased competition for food and space, and increased vulnerability to predation.

VII. Incidental Take Authorization of Covered Species:

This ITP authorizes incidental take of the Covered Species and only the Covered Species. With respect to incidental take of the Covered Species, CDFW authorizes the Permittee, its employees, contractors, and agents to take Covered Species incidentally in carrying out the Covered Activities, subject to the limitations described in this section and the Conditions of Approval identified below. This ITP does not authorize take of Covered Species from activities outside the scope of the Covered Activities, take of Covered Species outside of the Project Area, take of Covered Species resulting from violation of this ITP, or intentional take of Covered Species except for capture and relocation of Covered Species as authorized by this ITP.

VIII. Conditions of Approval:

Unless specified otherwise, the following measures apply to all Covered Activities within the Project Area, including areas used for vehicular ingress and egress, staging and parking, and noise and vibration generating activities that may/will cause take. CDFW’s issuance of this ITP and Permittee’s authorization to take the Covered Species are subject to Permittee’s compliance with and implementation of the following Conditions of Approval:

1. **Legal Compliance:** Permittee shall comply with all applicable federal, state, and local laws in existence on the effective date of this ITP or adopted thereafter.
2. **CEQA Compliance:** Permittee shall implement and adhere to the mitigation measures related to the Covered Species in the Biological Resources section of the Merced to Fresno Section Final Environmental Impact Report/Environmental Impact Statement (SCH No.: 2009091125) certified by the California High-Speed Rail Authority on May 3, 2012 as lead agency for the Project pursuant to the California Environmental Quality Act (CEQA) (Pub. Resources Code, § 21000 et seq.).
3. **ESA Compliance:** Permittee shall implement and adhere to the terms and conditions related to the Covered Species in the Biological Opinion of the California High-Speed Train System: Merced

to Fresno Section Project, Merced, Madera, and Fresno Counties (Biological Opinion No. 08ESMF00-2012-F-0248, or as amended if applicable) for the Project pursuant to the Federal Endangered Species Act (ESA). For purposes of this ITP, where the terms and conditions for the Covered Species in the federal authorization are less protective of the Covered Species or otherwise conflict with this ITP, the conditions of approval set forth in this ITP shall control.

4. ITP Time Frame Compliance: Permittee shall fully implement and adhere to the conditions of this ITP within the time frames set forth below and as set forth in the Mitigation Monitoring and Reporting Program (MMRP), which is included as Attachment 1 to this ITP.

5. General Provisions:

- 5.1. Designated Representative.** Before starting Covered Activities, Permittee shall designate a representative (Designated Representative) responsible for communications with CDFW and overseeing compliance with this ITP. Permittee shall notify CDFW in writing before starting Covered Activities of the Designated Representative’s name, business address, and contact information, and shall notify CDFW in writing if a substitute Designated Representative is selected or identified at any time during the term of this ITP.
- 5.2. Designated Biologist(s), Biological Monitor(s).** Permittee shall submit to CDFW in writing the name, qualifications, business address, and contact information of the Designated Biologist(s) and Biological Monitor(s) using the Biologist Resume Form (Attachment 2) or another format containing the same information before starting Covered Activities. Permittee shall ensure that the Designated Biologist(s) and Biological Monitor(s) are knowledgeable and experienced in the biology, natural history, collecting and handling of the Covered Species. Permittee shall also ensure the Designated Biologist(s) and Biological Monitor(s) are knowledgeable and experienced in monitoring ground disturbing activities as they shall be responsible for monitoring for the duration of Covered Activities, to help minimize and fully mitigate or avoid the incidental take of individual Covered Species and to minimize disturbance of Covered Species’ habitat. Permittee shall obtain CDFW approval of the Designated Biologist(s) and Biological Monitor(s) in writing before starting Covered Activities and shall also obtain approval in advance, in writing, if the Designated Biologist(s) or Biological Monitor(s) must be changed.
- 5.3. Designated Biologist and Biological Monitor Authority.** To ensure compliance with the Conditions of Approval of this ITP, the Designated Biologist and/or Biological Monitor shall immediately stop any activity that does not comply with this ITP to avoid the unauthorized take of an individual of the Covered Species. Permittee shall provide unfettered access to the Project Site and otherwise facilitate the Designated Biologist and/or Biological Monitor in the performance of their duties. If the Designated Biologist and/or Biological Monitor is unable to comply with the ITP, then they shall notify the CDFW Representative immediately. Permittee shall not enter into any agreement or contract of any kind,

including but not limited to non-disclosure agreements and confidentiality agreements, with its contractors and/or the Designated Biologist(s) and Biological Monitor(s) that prohibit or impede open communication with CDFW, including but not limited to providing CDFW staff with the results of any surveys, reports, or studies or notifying CDFW of any non-compliance or take. Failure to notify CDFW of any non-compliance or take or injury of a Covered Species as a result of such agreement or contract may result in CDFW taking actions to prevent or remedy a violation of this ITP.

- 5.4. Education Program.** Permittee shall conduct an education program for all persons employed or otherwise working in the Project Area before performing any work. The program shall consist of a presentation from the Designated Biologist that includes a discussion of the biology and general behavior of the Covered Species, information about the identification, distribution, and habitat needs of the Covered Species, sensitivity of the Covered Species to human activities, its status pursuant to CESA including legal protection, recovery efforts, penalties for violations and Project-specific protective measures described in this ITP, and instruction for the procedure to implement should they observe the Covered Species. Permittee shall prepare and distribute wallet-sized cards or a fact sheet handout containing this information for workers to carry in the Project Area. Permittee shall provide interpretation for non-English speaking workers, and the same instruction shall be provided to any new workers before they are authorized to perform work in the Project Area. Upon completion of the program, employees shall sign a form stating they attended the program and understand all protection measures. This training shall be repeated at least once annually for long-term and/or permanent employees that will be conducting work in the Project Area.
- 5.5. Construction Monitoring Documentation.** The Designated Biologist(s) and Biological Monitor(s) shall maintain construction-monitoring documentation on-site in either hard copy or digital format throughout the construction period, which shall include a copy of this ITP with attachments and a list of signatures of all personnel who have successfully completed the education program. Permittee shall ensure digitally stored documentation has a secure back-up and a copy of the construction-monitoring documentation is available for review at the Project site upon request by CDFW.
- 5.6. Trash Abatement.** Permittee shall initiate a trash abatement program before starting Covered Activities and shall continue the program for the duration of the Project. Permittee shall ensure that trash and food items are contained in animal-proof containers and removed, ideally at daily intervals but at least once a week, to avoid attracting opportunistic predators such as ravens, coyotes, and feral dogs.
- 5.7. Dust Control.** Permittee shall implement dust control measures during Covered Activities to facilitate visibility for monitoring of the Covered Species by the Designated Biologist.

Permittee shall keep the amount of water used to the minimum amount needed and shall not allow water to form puddles.

- 5.8. Erosion Control Materials.** Permittee shall prohibit use of erosion control materials potentially harmful to Covered Species and other species, such as monofilament netting (erosion control matting) or similar material, in potential Covered Species' habitat.
- 5.9. Delineation of Property Boundaries.** Before starting Covered Activities, Permittee shall clearly delineate the boundaries of the Project Area with fencing, stakes, or flags. Permittee shall restrict all Covered Activities to within the fenced, staked, or flagged areas. Permittee shall maintain all fencing, stakes, and flags until the completion of Covered Activities in that area.
- 5.10. Project Work Hours.** Project Covered Activities shall be limited to daylight hours (30 minutes prior to sunrise to 30 minutes after sunset), based on sunrise and sunset times established by the National Oceanic and Atmospheric Administration.
- 5.11. Delineation of Habitat.** Permittee shall clearly delineate habitat of the Covered Species within the Project Area with posted signs, posting stakes, flags, and/or rope or cord, and place fencing as necessary to minimize the disturbance of Covered Species' habitat.
- 5.12. Project Access.** Project-related personnel shall access the Project Area using existing routes, or routes identified in the Project Description and shall not cross Covered Species' habitat outside of or en route to the Project Area. Permittee shall restrict Project-related vehicle traffic to established road- or access-pathways, staging, and parking areas. Permittee shall ensure that vehicle speeds do not exceed 15 miles per hour to avoid Covered Species on or traversing the roads. If Permittee determines construction of routes for travel are necessary outside of the Project Area, the Designated Representative shall contact CDFW for written approval before carrying out such an activity. CDFW may require an amendment to this ITP, among other reasons, if additional take of Covered Species will occur as a result of the Project modification.
- 5.13. Staging Areas.** Permittee shall confine all Project-related parking, storage areas, laydown sites, equipment storage, and any other surface-disturbing activities to each Work Area using, to the extent possible, previously disturbed areas. Additionally, Permittee shall not use or cross Covered Species' habitat outside of the marked Work Area unless provided for as described in the Project Access Condition of Approval of this ITP. All ancillary vehicles and equipment, such as vehicles used to transport personnel to the site shall, shall park on existing roads or access routes, not within the Work Area.
- 5.14. Hazardous Waste.** Permittee shall immediately stop and, pursuant to pertinent state and federal statutes and regulations, arrange for repair and clean up by qualified individuals of

any fuel or hazardous waste leaks or spills at the time of occurrence, or as soon as it is safe to do so. Permittee shall exclude the storage and handling of hazardous materials from the Project Area and shall properly contain and dispose of any unused or leftover hazardous products off-site.

5.15. CDFW Access. Permittee shall provide CDFW staff with reasonable access to the Project and mitigation lands under Permittee control, and shall otherwise fully cooperate with CDFW efforts to verify compliance with or effectiveness of mitigation measures set forth in this ITP.

5.16. Refuse Removal. Upon completion of Covered Activities, Permittee shall remove from the Project Area and properly dispose of all excavation spoils and construction refuse, including, but not limited to, broken equipment parts, wrapping material, cords, cables, wire, rope, strapping, twine, buckets, metal or plastic containers, and boxes.

6. Monitoring, Notification and Reporting Provisions:

6.1 Notification Before Commencement. The Designated Representative shall notify CDFW 14 calendar days (14-Day Notification) before starting Covered Activities within each Work Area, and shall document compliance with all pre-Project Conditions of Approval before starting Covered Activities. The 14-Day Notification shall include a start date that is no more than 30 calendar days after the pre-construction survey(s), and a KMZ or Shapefile that can be referenced as the Work Area location. The 14-Day Notification shall include all applicable pre-construction survey reports as defined in the Notification Before Commencement Condition of Approval.

6.2. Notification of Non-compliance. The Designated Representative shall immediately notify CDFW if the Permittee is not in compliance with any Condition of Approval of this ITP, including but not limited to any actual or anticipated failure to implement measures within the time periods indicated in this ITP and/or the MMRP. The Designated Representative shall follow up within 24 hours with a written report to CDFW describing, in detail, any non-compliance with this ITP and suggested measures to remedy the situation.

6.3. Compliance Monitoring. The Designated Biologist shall be on-site daily when Covered Activities occur. The Designated Biologist shall conduct compliance inspections to:

- (1) minimize incidental take of the Covered Species;
- (2) prevent unlawful take of species;
- (3) check for compliance with all measures of this ITP;
- (4) check all exclusion zones; and

- (5) ensure that signs, stakes, and fencing are intact, and that Covered Activities are only occurring in the Project Area.

The Designated Representative or Designated Biologist shall prepare daily written observation and inspection records summarizing oversight activities (by Work Area) and compliance inspections, observations of Covered Species and their sign, survey results, and monitoring activities required by this ITP.

- 6.4. Monthly Compliance Report.** The Designated Representative or Designated Biologist shall compile the submitted 14-Day Notifications, and the observation and inspection records identified in the Compliance Monitoring Condition of Approval into a Monthly Compliance Report (MCR) and submit it no later than the 15th of each month to CDFW along with a copy of the MMRP table with notes showing the current implementation status of each mitigation measure. MCRs shall be submitted to the CDFW offices listed in the Notices section of this ITP and via e-mail to CDFW's Regional Representative, the Region 4 Rails, Roads, and Renewables e-mail address (RRR.R4@wildlife.ca.gov), and Headquarters CESA Program. At the time of this ITP's approval, the CDFW Regional Representative is Javier Mendez (Javier.Mendez@wildlife.ca.gov) and Headquarters CESA Program email is CESA@wildlife.ca.gov. CDFW may at any time increase the timing and number of compliance inspections and reports required under this provision depending upon the results of previous compliance inspections. If CDFW determines the reporting schedule must be changed, CDFW will notify Permittee in writing of the new reporting schedule.
- 6.5. Annual Status Report.** Permittee shall provide CDFW with an Annual Status Report (ASR) no later than January 31 of every year, beginning with issuance of this ITP and continuing until CDFW accepts the Final Mitigation Report identified below. Each ASR shall include, at a minimum: (1) a summary of all MCRs for that year; (2) a general description of the status of the Project Area and Covered Activities, including actual or projected completion dates, if known; (3) a copy of the table in the MMRP with notes showing the current implementation status of each mitigation measure; (4) an assessment of the effectiveness of each completed or partially completed mitigation measure in avoiding, minimizing and mitigating Project impacts; (5) all available information about Project-related incidental take of the Covered Species; (6) an accounting of the number of acres subject to disturbance, both for the prior calendar year (quantified by Work Area), and a total since ITP issuance; and (7) information about other Project impacts on the Covered Species.
- 6.6. CNDDDB Observations.** The Designated Biologist shall submit all observations of Covered Species to CDFW's California Natural Diversity Database (CNDDDB) within 60 calendar days of the observation, and the Designated Biologist shall include copies of the submitted forms with the next Monthly Compliance Report or ASR, whichever is submitted first relative to the observation.

6.7. Final Mitigation Report. No later than 45 days after completion of all mitigation measures, Permittee shall provide CDFW with a Final Mitigation Report. The Designated Biologist shall prepare the Final Mitigation Report which shall include, at a minimum: (1) an accounting of the number of acres subject to disturbance (total impacts); (2) a summary of all MCRs and all ASRs; (3) a copy of the table in the MMRP with notes showing when each of the mitigation measures was implemented; (4) all available information about Project-related incidental take of the Covered Species; (5) information about other Project impacts on the Covered Species; (6) beginning and ending dates of Covered Activities; (7) an assessment of the effectiveness of this ITP's Conditions of Approval in minimizing and fully mitigating Project impacts of the taking on Covered Species; (8) recommendations on how mitigation measures might be changed to more effectively minimize take and mitigate the impacts of future projects on the Covered Species; and (9) any other pertinent information.

6.8. Notification of Take or Injury. Permittee shall immediately notify CDFW if a Covered Species is taken or injured by a Project-related activity, or if a Covered Species is otherwise found dead or injured within the vicinity of the Project. The Designated Biologist or Designated Representative shall provide initial notification to CDFW within 24 hours of discovery via email to the Regional Office at RRR.R4@wildlife.ca.gov. The initial notification to CDFW shall include information regarding the location, species, and number of animals taken or injured and the ITP Number. Following initial notification, Permittee shall send CDFW a written report within two calendar days. The report shall include the date and time of the finding or incident, location of the animal or carcass, and if possible, provide a photograph, explanation as to cause of take or injury, and any other pertinent information.

7. Take Minimization Measures: The following requirements are intended to ensure the minimization of incidental take of Covered Species in the Project Area during Covered Activities. Permittee shall implement and adhere to the following conditions to minimize take of Covered Species:

7.1. CTS Mortality Reduction and Relocation Plan. Permittee shall prepare and submit a CTS Mortality Reduction and Relocation Plan for review and written approval. The CTS Mortality Reduction and Relocation Plan shall include, but not be limited to, the following details: (1) discussion and map of locations within the Project Area which represents potential Covered Species upland habitat and aquatic breeding habitat (if applicable); (2) discussion and map of locations within the Project Area within a) 630 meters and b) 2,092 meters of known or potential aquatic breeding habitat; (3) detailed survey, capture, handling, and relocation methods; (4) identification of where salvaged individuals will be relocated and a discussion of the biological suitability of relocation site(s); (5) identification of a wildlife rehabilitation center or veterinary facility capable of and willing to treat injured individuals of the Covered Species; and (6) process for notifying CDFW and documenting emergency activities that may occur in the nighttime (see Condition of Approval Work Timing). Covered Activities may not proceed until a CTS Mortality Reduction and Relocation Plan is approved

in writing by CDFW. Once the CTS Mortality Reduction and Relocation Plan is approved, it shall be used for the duration of this ITP. Any proposed changes shall be submitted in writing to CDFW and approved by CDFW in writing prior to implementation of any proposed CTS Mortality Reduction and Relocation Plan modifications.

- 7.2. CTS Pre-Activity Clearance Surveys and Reporting.** The Designated Biologist shall survey for the Covered Species **no more than 30 days** prior to performing Covered Activities within each Work Area. Surveys shall provide 100 percent visual coverage (including burrows, crevices, and other refugia) within the Work Area, and a 50-foot zone around the Project Area if access allows. If Covered Species are found, the Designated Biologists shall remove Covered Species from the Work Area. Designated Monitor(s) are prohibited from capturing and handling Covered Species individuals unless they are under the direct supervision of the Designated Biologist onsite. Permittee shall provide the Pre-Activity Clearance Survey results to CDFW in a written report with the respective 14-Day Notification (Notification Before Commencement Condition of Approval).
- 7.3. Flag Burrows/Crevices and Burrow Avoidance.** During implementation of the CTS Pre-Activity Clearance Surveys and Reporting Condition of Approval, the Designated Biologist shall flag all burrows, crevices and other refugia suitable for Covered Species occupancy within the Project Area and a 50-foot zone around the Work Area. An avoidance buffer of 50 feet or greater around flagged burrows/crevices shall be maintained regardless of whether the burrow/crevice is in the Project Area or solely within the Project Area's 50-foot buffer zone.
- 7.4. Vegetation Removal.** A Designated Biologist(s) shall be on-site daily during initial vegetation removal, clearing, and grubbing activities. Vegetation shall be removed incrementally, by hand/using hand tools to the maximum extent feasible from top to bottom, and power tool blades shall be set no lower than 4 inches to allow the Designated Biologist 100 percent visual coverage to inspect the area under vegetation for any individuals of the Covered Species and burrows, crevices, and other refugia. If the Covered Species or previously unidentified burrows, crevices, or other refugia are found, the Designated Biologist shall stop Covered Activities and visually inspect the burrows, crevices, or other refugia for Covered Species. If the Covered Species is found, the Designated Biologists shall remove Covered Species from the Project Area. If any animal burrows, crevices, or other refugia are found the Designated Biologist shall implement avoidance per the Flag Burrows/Crevices and Burrow Avoidance Condition of Approval. The individual of the Covered Species must be moved out of harm's way, or the burrow/crevice must be avoided or excavated prior to recommencing activities under the direction of the Designated Biologist.
- 7.5. Equipment Weight-Dispersal.** Where they cannot be avoided by 50 feet, burrows, crevices, and other refugia that have been previously flagged or otherwise identified shall be covered with boards or plates meant to distribute weight, for the minimum amount of time

necessary to complete Covered Activities. There shall be no gaps between boards or plates with the ground. Where Covered Activities in a Work Area last more than a single day, all boards or plates shall be removed at the end of each workday and replaced before resuming Covered Activities.

7.6. Daily Entrapment Inspections. The Designated Biologist or Biological Monitor shall inspect all open and covered holes, sumps, trenches, and pipes within each Work Area at the beginning and end of each workday for trapped Covered Species.

7.6.1. Prevent Entry or Provide Escape. All excavated, steep-walled holes or trenches will be filled at the end of each workday. All trenches, holes, sumps, and other excavations with sidewalls steeper than a 1:1 (45 degree) slope and that are over eight inches deep shall be covered or secured in a manner that ensures the Covered Species cannot breach the perimeter of the trench, hole, or other excavation when workers or equipment are not actively working in the trench, hole, or other excavation, and at the end of each workday. Alternatively, an escape ramp of earth or a non-slip material with a less than 1:1 (45 degree) slope may be used where feasible.

7.6.2. Installation of Covers. To prevent inadvertent entrapment of Covered Species or any other animals, a Designated Biologist shall oversee the initial installation of all coverings and barriers to ensure that Covered Species are unable to breach the perimeter (e.g., dig or squeeze under the barrier and become entrapped). The outer two feet of excavation cover shall either conform to solid ground so that gaps do not occur between the cover and the ground and be secured with soil staples or other means to prevent gaps if a pliable material is used (e.g. hardware cloth or visqueen), or have any gaps filled in, if a hard cover is used, in such a manner that it will be visually evident if the fill has been disturbed (e.g. coat with tracking medium).

7.7. Open Water. Work within 250-feet of aquatic habitat (open water including constructed basins, seasonal wetlands, vernal pools) will occur when the habitat is dry, typically July 15 - October 15, unless otherwise approved in writing by CDFW. For irrigation systems dependent on water allocations, there may not be a dry season, and a variance from these this limited operating period may be necessary.

7.8. Rain Forecast. If the National Weather Service 72-hour forecast for the Segment is greater than 0.08 inches per 24-hour period and greater than 40 percent chance of rain, Covered Activities shall stop and/or shall not begin, whichever applies. Work may continue and/or begin 24 hours after the rain stops and there is less than 40 percent chance of precipitation in the 72-hour forecast. A Designated Biologist shall resurvey each Work Area before Covered Activities continue and/or begin.

7.9. Covered Species Observations. At any time while engaged in Covered Activities, all workers shall inform the Biological Monitor(s) if a Covered Species is seen within or near the Work Area. All Covered Activities in the vicinity of the Covered Species, which could injure or kill the animal, shall cease until the Covered Species is moved by the Biological Monitor(s) or it moves from the Work Area of its own accord. Should the Covered Species not exit the Work Area, the Designated Biologist may remove the Covered Species to suitable refugia outside the Work Area.

7.10. Record of CTS Handling and Relocation. The Designated Biologist shall maintain a record of all Covered Species handled and relocated. For each Covered Species handled and relocated, the Designated Biologist(s) shall report the following information: (1) date, time, and location (Global Positioning System (GPS) coordinates and maps) of capture and/or observation as well as release if applicable; (2) the name of the party that identified the Covered Species; (3) circumstances of the incident; (4) the general condition and health, noting all visible conditions including gait and behavior, ectoparasites, injuries, etc.; (5) any diagnostic markings, sex, age (juvenile or adult); (6) actions undertaken; (7) habitat description; and (8) ambient temperature when the Covered Species was captured and/or observed and released. CTS capture/handling and relocation records shall be included in the required MCRs and ASRs. In addition, the Designated Biologist shall submit this information to CDFW's CNDDDB required by Condition of Approval CNDDDB Observations.

7.11. Covered Species Injury. If a Covered Species is injured as a result of Project-related activities, the Designated Biologist shall immediately take it to a CDFW approved wildlife rehabilitation or veterinary facility per the CDFW-approved CTS Mortality Reduction and Relocation Plan. Permittee shall identify the facility before starting Covered Activities. Permittee shall bear any costs associated with the care or treatment of such injured Covered Species. The Permittee shall notify CDFW of the injury to the Covered Species immediately by telephone and e-mail followed by a written incident report as described in Condition of Approval Notification of Take or Injury. Notification shall include the name of the facility where the animal was taken.

8. Compensatory Mitigation: CDFW has determined that permanent protection and perpetual management of compensatory habitat is necessary and required pursuant to CESA to fully mitigate Project-related impacts of the taking on the Covered Species that will result from implementation of the Covered Activities. This determination is based on factors including an assessment of the importance of the habitat in the Project Area, the extent to which the Covered Activities will impact the habitat, and CDFW's estimate of the protected acreage required to provide for adequate compensation.

To meet this requirement, Permittee shall provide for both the permanent protection and management of 10.83 acres of Habitat Management (HM) lands.

8.1. Habitat Management Land Acquisition. Permittee has remaining acreage at the HOG Hills property, which was one of several properties conserved as compensatory mitigation for the California High-Speed Train Merced to Fresno Section ITP 2081-2013-025-04. The total acreage of the HOG Hills property includes 394.99 acres of upland habitat, 361.39 of which was required for 2081-2013-025-04, leaving a remainder of 33.6 acres for use as HM lands for this ITP. After use of 10.83 acres of HM lands at HOG Hills for this ITP, there is a remainder of 22.77 acres of HM lands. Prior to initiating Covered Activities, Permittee shall submit to CDFW a ledger memorializing the total property acreage, and the individual and cumulative HM land acreage utilized by this ITP and 2081-2013-025-04.

IX. Amendment:

This ITP may be amended as provided by California Code of Regulations, Title 14, section 783.6, subdivision (c), and other applicable law. This ITP may be amended without the concurrence of the Permittee as required by law, including if CDFW determines that continued implementation of the Project as authorized under this ITP would jeopardize the continued existence of the Covered Species or where Project changes or changed biological conditions necessitate an ITP amendment to ensure that all Project-related impacts of the taking to the Covered Species are minimized and fully mitigated.

X. Stop-Work Order:

If CDFW determines the Permittee has violated any term or condition of this ITP or has engaged in unlawful take, CDFW may issue Permittee a written stop-work order instructing the Permittee to suspend any Covered Activity for an initial period of up to 30 days or risk suspension or revocation of this ITP. CDFW can issue a stop-work order to prevent or remedy a violation of this ITP, including but not limited to the failure to comply with reporting or monitoring obligations, or to prevent the unauthorized take of any CESA endangered, threatened, or candidate species, regardless of whether that species is a Covered Species under this ITP. Permittee shall stop work immediately as directed by CDFW upon receipt of any such stop-work order. Upon written notice to Permittee, CDFW may extend any stop-work order issued to Permittee for a period not to exceed 30 additional days.

If Permittee fails to remedy the violation or to comply with a stop-work order, CDFW may proceed with suspension and revocation of this ITP. Suspension and revocation of this ITP shall be governed by California Code of Regulations, Title 14, section 783.7, and any other applicable law. Neither the Designated Biologist nor CDFW shall be liable for any costs incurred in complying with stop-work orders.

XI. Compliance with Other Laws:

This ITP sets forth CDFW's requirements for the Permittee to implement the Project pursuant to CESA. This ITP does not necessarily create an entitlement to proceed with the Project. Permittee is responsible for complying with all other applicable federal, state, and local law.

XII. Notices:

Written notices, reports and other communications relating to this ITP shall be delivered to CDFW by email or registered first class mail at the following address, or at addresses CDFW may subsequently provide the Permittee. Notices, reports, and other communications shall reference the Project name, Permittee, and ITP Number (2081(b)-2026-019-04) in a cover letter and on any other associated documents.

Original cover with attachment(s) to:

Julie A. Vance, Regional Manager
California Department of Fish and Wildlife
Central Region
1234 East Shaw Avenue
Fresno, California 93710
Telephone (559) 243-4005
RRR.R4@wildlife.ca.gov

and a copy to:

Habitat Conservation Planning Branch
California Department of Fish and Wildlife
Attention: CESA Permitting Program
Post Office Box 944209
Sacramento, CA 94244-2090
CESA@wildlife.ca.gov

Unless Permittee is notified otherwise, CDFW's Regional Representative for purposes of addressing issues that arise during implementation of this ITP is:

Javier Mendez
California Department of Fish and Wildlife
Central Region
1234 East Shaw Avenue
Fresno, California 93710
[Javier.Mendez@wildlife.ca.gov`](mailto:Javier.Mendez@wildlife.ca.gov)

XIII. Compliance with the California Environmental Quality Act:

CDFW's issuance of this ITP is subject to CEQA. CDFW is a responsible agency pursuant to CEQA with respect to this ITP because of prior environmental review of the Project by the lead agency, California High-Speed Rail Authority. (See generally Pub. Resources Code, §§ 21067, 21069.) The lead agency's prior environmental review of the Project is set forth in the Merced to Fresno Section Final Environmental Impact Report/Environmental Impact Statement and the Merced to Fresno Project

Section: Central Valley Wye (CV Wye) Final Supplemental Environmental Impact Report/Environmental Impact Statement (SCH No.: 2009091125) certified by the California High-Speed Rail Authority on May 3, 2012, and September 10, 2020, respectively. At the time the lead agency certified the EIR and approved the Project it also adopted various mitigation measures for the Covered Species as conditions of Project approval.

This ITP, along with CDFW's related CEQA findings, which are available as a separate document, provide evidence of CDFW's consideration of the lead agency's EIR for the Project and the environmental effects related to issuance of this ITP (CEQA Guidelines, § 15096, subd. (f)). CDFW finds that issuance of this ITP will not result in any previously undisclosed potentially significant effects on the environment or a substantial increase in the severity of any potentially significant environmental effects previously disclosed by the lead agency. Furthermore, to the extent the potential for such effects exists, CDFW finds adherence to and implementation of the Conditions of Project Approval adopted by the lead agency, and that adherence to and implementation of the Conditions of Approval imposed by CDFW through the issuance of this ITP, will avoid or reduce to below a level of significance any such potential effects. CDFW consequently finds that issuance of this ITP will not result in any significant, adverse impacts on the environment.

XIV. Findings Pursuant to CESA:

These findings are intended to document CDFW's compliance with the specific findings requirements set forth in CESA and related regulations. (Fish & G. Code § 2081, subs. (b)-(c); Cal. Code Regs., tit. 14, §§ 783.4, subds, (a)-(b), 783.5, subd. (c)(2).)

CDFW finds based on substantial evidence in the ITP application, Merced to Fresno Section Final Environmental Impact Report/Environmental Impact Statement, and the Merced to Fresno Project Section: Central Valley Wye (CV Wye) Final Supplemental Environmental Impact Report and the administrative record of proceedings, that issuance of this ITP complies and is consistent with the criteria governing the issuance of ITPs pursuant to CESA:

- (1) Take of Covered Species as defined in this ITP will be incidental to the otherwise lawful activities covered under this ITP;
- (2) Impacts of the taking on Covered Species will be minimized and fully mitigated through the implementation of measures required by this ITP and as described in the MMRP. Measures include: (1) permanent habitat protection; (2) establishment of avoidance zones; (3) worker education; and (4) Monthly Compliance Reports. CDFW evaluated factors including an assessment of the importance of the habitat in the Project Area, the extent to which the Covered Activities will impact the habitat, and CDFW's estimate of the acreage required to provide for adequate compensation. Based on this evaluation, CDFW determined that the protection and management in perpetuity of 10.83 acres of compensatory habitat that is contiguous with other protected Covered Species habitat and/or is of higher quality than the habitat being destroyed by the Project, along with the minimization, monitoring, reporting,

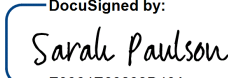
and funding requirements of this ITP minimizes and fully mitigates the impacts of the taking caused by the Project;

- (3) The take avoidance and mitigation measures required pursuant to the conditions of this ITP and its attachments are roughly proportional in extent to the impacts of the taking authorized by this ITP;
- (4) The measures required by this ITP maintain Permittee’s objectives to the greatest extent possible;
- (5) All required measures are capable of successful implementation;
- (6) This ITP is consistent with any regulations adopted pursuant to Fish and Game Code sections 2112 and 2114;
- (7) Permittee has ensured adequate funding to implement the measures required by this ITP as well as for monitoring compliance with, and the effectiveness of, those measures for the Project; and
- (8) Issuance of this ITP will not jeopardize the continued existence of the Covered Species based on the best scientific and other information reasonably available, and this finding includes consideration of the species’ capability to survive and reproduce, and any adverse impacts of the taking on those abilities in light of (1) known population trends; (2) known threats to the species; and (3) reasonably foreseeable impacts on the species from other related projects and activities. Moreover, CDFW’s finding is based, in part, on CDFW’s express authority to amend the terms and conditions of this ITP without concurrence of the Permittee as necessary to avoid jeopardy and as required by law.

XV. Attachments:

FIGURE 1	Project Location
ATTACHMENT 1	Mitigation Monitoring and Reporting Program
ATTACHMENT 2	Biologist Resume Form

ISSUED BY THE CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE ON 5/8/2026

DocuSigned by:

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FOR Julie A. Vance, Regional Manager
Central Region

Incidental Take Permit
 No. 2081(b)-2026-019-04
CALIFORNIA HIGH-SPEED RAIL AUTHORITY
CALIFORNIA HIGH-SPEED RAIL PROJECT: MERCED TO MADERA SEGMENT

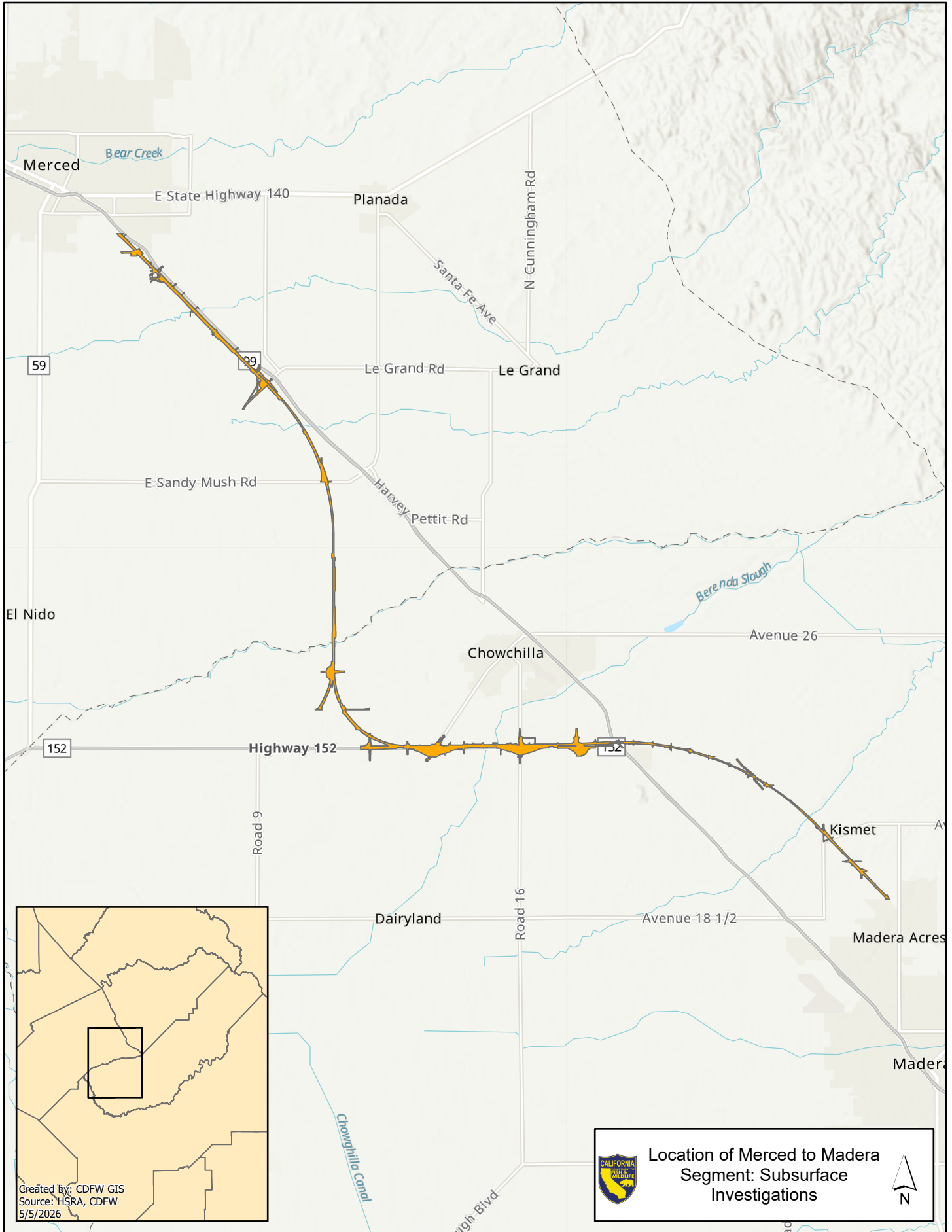
ATTACHMENTS

Figure 1: Project Location

Attachment 1: Mitigation Monitoring and Reporting Program

Attachment 2: Biologist Resume Form

FIGURE 1
Project Location



ATTACHMENT 1

Mitigation Monitoring and Reporting Program

Attachment 1

**CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE
MITIGATION MONITORING AND REPORTING PROGRAM (MMRP)
CALIFORNIA ENDANGERED SPECIES ACT**

INCIDENTAL TAKE PERMIT NO. 2081(b)-2026-019-04

PERMITTEE: California High-Speed Rail Authority

**PROJECT: California High-Speed Rail Project Merced to
Madera Segment Subsurface Soil Investigations**

PURPOSE OF THE MMRP

The purpose of the MMRP is to ensure that the impact minimization and mitigation measures required by the Department of Fish and Wildlife (CDFW) for the above-referenced Project are properly implemented, and thereby to ensure compliance with section 2081(b) of the Fish and Game Code and section 21081.6 of the Public Resources Code. A table summarizing the mitigation measures required by CDFW is attached. This table is a tool for use in monitoring and reporting on implementation of mitigation measures, but the descriptions in the table do not supersede the mitigation measures set forth in the California Incidental Take Permit (ITP) and in attachments to the ITP, and the omission of a permit requirement from the attached table does not relieve the Permittee of the obligation to ensure the requirement is performed.

OBLIGATIONS OF PERMITTEE

Mitigation measures must be implemented within the time periods indicated in the table that appears below. Permittee has the primary responsibility for monitoring compliance with all mitigation measures and for reporting to CDFW on the progress in implementing those measures. These monitoring and reporting requirements are set forth in the ITP itself and are summarized at the front of the attached table.

VERIFICATION OF COMPLIANCE, EFFECTIVENESS

CDFW may, at its sole discretion, verify compliance with any mitigation measure or independently assess the effectiveness of any mitigation measure.

TABLE OF MITIGATION MEASURES

The following items are identified for each mitigation measure: Mitigation Measure, Source, Implementation Schedule, Responsible Party, and Status/Date/Initials. The Mitigation Measure column summarizes the mitigation requirements of the ITP. The Source column identifies the ITP condition that sets forth the mitigation measure. The Implementation Schedule column shows the date or phase when each mitigation measure will be implemented. The Responsible Party column identifies the person or agency that is primarily responsible for implementing the mitigation measure. The Status/Date/Initials column shall be completed by the Permittee during preparation of each Status Report and the Final Mitigation Report, and must identify the implementation status of each mitigation measure, the date that status was determined, and the initials of the person determining the status.

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
BEFORE DISTURBING SOIL OR VEGETATION					
1	Before starting Covered Activities, Permittee shall designate a representative (Designated Representative) responsible for communications with CDFW and overseeing compliance with this ITP. Permittee shall notify CDFW in writing before starting Covered Activities of the Designated Representative's name, business address, and contact information, and shall notify CDFW in writing if a substitute Designated Representative is selected or identified at any time during the term of this ITP.	ITP Condition # 5.1	Before commencing ground- or vegetation-disturbing activities/ Entire Project	Permittee	
2	Permittee shall submit to CDFW in writing the name, qualifications, business address, and contact information of the Designated Biologist(s) and Biological Monitor(s) using the Biologist Resume Form (Attachment 2) or another format containing the same information before starting Covered Activities. Permittee shall ensure that the Designated Biologist(s) and Biological Monitor(s) are knowledgeable and experienced in the biology, natural history, collecting and handling of the Covered Species. Permittee shall also ensure the Designated Biologist(s) and Biological Monitor(s) are knowledgeable and experienced in monitoring ground disturbing activities as they shall be responsible for monitoring for the duration of Covered Activities, to help minimize and fully mitigate or avoid the incidental take of individual Covered Species and to minimize disturbance of Covered Species' habitat. Permittee shall obtain CDFW approval of the Designated Biologist(s) and Biological Monitor(s) in writing before starting Covered Activities and shall also obtain approval in advance, in writing, if the Designated Biologist(s) or Biological Monitor(s) must be changed.	ITP Condition # 5.2	Before commencing ground- or vegetation-disturbing activities	Permittee	
3	Permittee shall conduct an education program for all persons employed or otherwise working in the Project Area before performing any work. The program shall consist of a presentation from the Designated Biologist that includes a discussion of the biology and general behavior of the Covered Species, information about the identification, distribution, and habitat needs of the Covered Species, sensitivity of the Covered Species to human activities, its status pursuant to CESA including legal protection, recovery efforts, penalties for violations and Project-specific protective measures described in this ITP, and instruction for the procedure to implement should they observe the Covered Species. Permittee shall prepare and distribute wallet-sized cards or a fact sheet handout containing this information for workers to carry in the Project Area. Permittee shall provide interpretation for non-English speaking workers, and the same instruction shall be provided to any new workers before they are authorized to perform work in the Project Area. Upon completion of the program, employees shall sign a form stating they attended the program and understand all protection measures. This training shall be repeated at least once annually for long-term and/or permanent employees that will be conducting work in the Project Area.	ITP Condition # 5.4	Before commencing ground- or vegetation-disturbing activities / Entire Project	Permittee	
4	Permittee shall initiate a trash abatement program before starting Covered Activities and shall continue the program for the duration of the Project. Permittee shall ensure that trash and food items are contained in animal-proof containers and removed, ideally at daily intervals but at least once a week, to avoid attracting opportunistic predators such as ravens, coyotes, and feral dogs.	ITP Condition # 5.6	Before commencing ground- or vegetation-disturbing activities / Entire Project	Permittee	

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
5	Permittee shall implement dust control measures during Covered Activities to facilitate visibility for monitoring of the Covered Species by the Designated Biologist. Permittee shall keep the amount of water used to the minimum amount needed and shall not allow water to form puddles.	ITP Condition # 5.7	Before commencing ground- or vegetation-disturbing activities/ Entire Project	Permittee	
6	Before starting Covered Activities, Permittee shall clearly delineate the boundaries of the Project Area with fencing, stakes, or flags. Permittee shall restrict all Covered Activities to within the fenced, staked, or flagged areas. Permittee shall maintain all fencing, stakes, and flags until the completion of Covered Activities in that area.	ITP Condition # 5.9	Before commencing ground- or vegetation-disturbing activities / Entire Project	Permittee	
7	Permittee shall clearly delineate habitat of the Covered Species within the Project Area with posted signs, posting stakes, flags, and/or rope or cord, and place fencing as necessary to minimize the disturbance of Covered Species' habitat.	ITP Condition # 5.11	Before commencing ground- or vegetation-disturbing activities / Entire Project	Permittee	
8	The Designated Representative shall notify CDFW 14 calendar days (14-Day Notification) before starting Covered Activities within each Work Area and shall document compliance with all pre-Project Conditions of Approval before starting Covered Activities. The 14-Day Notification shall include a start date that is no more than 30 calendar days after the pre-construction survey(s), and a KMZ or Shapefile that can be referenced as the Work Area location. The 14-Day Notification shall include all applicable pre-construction survey reports as defined in the <u>Notification Before Commencement</u> Condition of Approval.	ITP Condition # 6.1	Before commencing ground- or vegetation-disturbing activities / Entire Project	Permittee	
9	Permittee shall prepare and submit a CTS Mortality Reduction and Relocation Plan for review and written approval. The CTS Mortality Reduction and Relocation Plan shall include, but not be limited to, the following details: (1) discussion and map of locations within the Project Area which represents potential Covered Species upland habitat and aquatic breeding habitat (if applicable); (2) discussion and map of locations within the Project Area within a) 630 meters and b) 2,092 meters of known or potential aquatic breeding habitat; (3) detailed survey, capture, handling, and relocation methods; (4) identification of where salvaged individuals will be relocated and a discussion of the biological suitability of relocation site(s); (5) identification of a wildlife rehabilitation center or veterinary facility capable of and willing to treat injured individuals of the Covered Species; and (6) process for notifying CDFW and documenting emergency activities that may occur in the nighttime (see Condition of Approval Work Timing). Covered Activities may not proceed until a CTS Mortality Reduction and Relocation Plan is approved in writing by CDFW. Once the CTS Mortality Reduction and Relocation Plan is approved, it shall be used for the duration of this ITP. Any proposed changes shall be submitted in writing to CDFW and approved by CDFW in writing prior to implementation of any proposed CTS Mortality Reduction and Relocation Plan modifications.	ITP Condition # 7.1	Before commencing ground- or vegetation-disturbing activities	Permittee	

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
10	The Designated Biologist shall survey for the Covered Species no more than 30 days prior to performing Covered Activities within each Work Area. Surveys shall provide 100 percent visual coverage (including burrows, crevices, and other refugia) within the Work Area, and a 50-foot zone around the Project Area if access allows. If Covered Species are found, the Designated Biologists shall remove Covered Species from the Work Area. Designated Monitor(s) are prohibited from capturing and handling Covered Species individuals unless they are under the direct supervision of the Designated Biologist onsite. Permittee shall provide the Pre-Activity Clearance Survey results to CDFW in a written report with the respective 14-Day Notification (Notification Before Commencement Condition of Approval).	ITP Condition # 7.2	Before commencing ground- or vegetation-disturbing activities / Entire Project	Permittee	
11	During implementation of the CTS Pre-Activity Clearance Surveys and Reporting Condition of Approval, the Designated Biologist shall flag all burrows, crevices and other refugia suitable for Covered Species occupancy within the Project Area and a 50-foot zone around the Work Area. An avoidance buffer of 50 feet or greater around flagged burrows/crevices shall be maintained regardless of whether the burrow/crevice is in the Project Area or solely within the Project Area's 50-foot buffer zone.	ITP Condition #7.3	Before commencing ground- or vegetation-disturbing activities / Entire Project	Permittee	
12	CDFW has determined that permanent protection and perpetual management of compensatory habitat is necessary and required pursuant to CESA to fully mitigate Project-related impacts of the taking on the Covered Species that will result from implementation of the Covered Activities. This determination is based on factors including an assessment of the importance of the habitat in the Project Area, the extent to which the Covered Activities will impact the habitat, and CDFW's estimate of the protected acreage required to provide for adequate compensation. To meet this requirement, Permittee shall provide for both the permanent protection and management of 10.81 acres of Habitat Management (HM) lands.	ITP Condition # 8	Before commencing ground- or vegetation-disturbing activities	Permittee	
13	Permittee has remaining acreage at the Hog Hills property, which was one of several properties conserved as compensatory mitigation for the California High-Speed Train Merced to Fresno Section ITP 2081-2013-025-04. The total acreage of the Hog Hills property includes 394.99 acres of upland habitat, 361.39 of which was required for 2081-2013-025-04, leaving a remainder of 33.6 acres for use as HM lands for this ITP. After use of 10.83 acres of HM lands at Hog Hills for this ITP, there is a remainder of 22.77 acres of HM lands. Prior to initiating Covered Activities, Permittee shall submit to CDFW a ledger memorializing the total property acreage, and the individual and cumulative HM land acreage utilized by this ITP and 2081-2013-025-04.	ITP Condition #8.1	Before commencing ground- or vegetation-disturbing activities	Permittee	

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
DURING CONSTRUCTION					
14	To ensure compliance with the Conditions of Approval of this ITP, the Designated Biologist and/or Biological Monitor shall immediately stop any activity that does not comply with this ITP to avoid the unauthorized take of an individual of the Covered Species. Permittee shall provide unfettered access to the Project Site and otherwise facilitate the Designated Biologist and/or Biological Monitor in the performance of their duties. If the Designated Biologist and/or Biological Monitor is unable to comply with the ITP, then they shall notify the CDFW Representative immediately. Permittee shall not enter into any agreement or contract of any kind, including but not limited to non-disclosure agreements and confidentiality agreements, with its contractors and/or the Designated Biologist(s) and Biological Monitor(s) that prohibit or impede open communication with CDFW, including but not limited to providing CDFW staff with the results of any surveys, reports, or studies or notifying CDFW of any non-compliance or take. Failure to notify CDFW of any non-compliance or take or injury of a Covered Species as a result of such agreement or contract may result in CDFW taking actions to prevent or remedy a violation of this ITP.	ITP Condition # 5.3	Entire Project	Permittee	
15	The Designated Biologist(s) and Biological Monitor(s) shall maintain construction-monitoring documentation on-site in either hard copy or digital format throughout the construction period, which shall include a copy of this ITP with attachments and a list of signatures of all personnel who have successfully completed the education program. Permittee shall ensure digitally stored documentation has a secure back-up and a copy of the construction-monitoring documentation is available for review at the Project site upon request by CDFW.	ITP Condition # 5.5	Entire Project	Permittee	
16	Permittee shall implement dust control measures during Covered Activities to facilitate visibility for monitoring of the Covered Species by the Designated Biologist. Permittee shall keep the amount of water used to the minimum amount needed and shall not allow water to form puddles.	ITP Condition # 5.7	Entire Project	Permittee	
17	Permittee shall prohibit use of erosion control materials potentially harmful to Covered Species and other species, such as monofilament netting (erosion control matting) or similar material, in potential Covered Species' habitat.	ITP Condition # 5.8	Entire Project	Permittee	
18	Project Covered Activities shall be limited to daylight hours (30 minutes prior to sunrise to 30 minutes after sunset), based on sunrise and sunset times established by the National Oceanic and Atmospheric Administration.	ITP Condition # 5.10	Entire Project	Permittee	
19	Project-related personnel shall access the Project Area using existing routes, or routes identified in the Project Description and shall not cross Covered Species' habitat outside of or en route to the Project Area. Permittee shall restrict Project-related vehicle traffic to established road- or access-pathways, staging, and parking areas. Permittee shall ensure that vehicle speeds do not exceed 15 miles per hour to avoid Covered Species on or traversing the roads. If Permittee determines construction of routes for travel are necessary outside of the Project Area, the Designated Representative shall contact CDFW for written approval before carrying out such an activity. CDFW may require an amendment to this ITP, among other reasons, if additional take of Covered Species will occur as a result of the Project modification.	ITP Condition # 5.12	Entire Project	Permittee	

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
20	Permittee shall confine all Project-related parking, storage areas, laydown sites, equipment storage, and any other surface-disturbing activities to each Work Area using, to the extent possible, previously disturbed areas. Additionally, Permittee shall not use or cross Covered Species' habitat outside of the marked Work Area unless provided for as described in the Project Access Condition of Approval of this ITP. All ancillary vehicles and equipment, such as vehicles used to transport personnel to the site shall, shall park on existing roads or access routes, not within the Work Area.	ITP Condition # 5.13	Entire Project	Permittee	
21	Permittee shall immediately stop and, pursuant to pertinent state and federal statutes and regulations, arrange for repair and clean up by qualified individuals of any fuel or hazardous waste leaks or spills at the time of occurrence, or as soon as it is safe to do so. Permittee shall exclude the storage and handling of hazardous materials from the Project Area and shall properly contain and dispose of any unused or leftover hazardous products off-site.	ITP Condition # 5.14	Entire Project	Permittee	
22	Permittee shall provide CDFW staff with reasonable access to the Project and mitigation lands under Permittee control, and shall otherwise fully cooperate with CDFW efforts to verify compliance with or effectiveness of mitigation measures set forth in this ITP.	ITP Condition # 5.15	Entire Project	Permittee	
23	The Designated Representative shall immediately notify CDFW if the Permittee is not in compliance with any Condition of Approval of this ITP, including but not limited to any actual or anticipated failure to implement measures within the time periods indicated in this ITP and/or the MMRP. The Designated Representative shall follow up within 24 hours with a written report to CDFW describing, in detail, any non-compliance with this ITP and suggested measures to remedy the situation.	ITP Condition # 6.2	Entire Project	Permittee	
24	The Designated Biologist shall be on-site daily when Covered Activities occur. The Designated Biologist shall conduct compliance inspections to: (1) minimize incidental take of the Covered Species; (2) prevent unlawful take of species; (3) check for compliance with all measures of this ITP; (4) check all exclusion zones; and (5) ensure that signs, stakes, and fencing are intact, and that Covered Activities are only occurring in the Project Area. The Designated Representative or Designated Biologist shall prepare daily written observation and inspection records summarizing oversight activities (by Work Area) and compliance inspections, observations of Covered Species and their sign, survey results, and monitoring activities required by this ITP.	ITP Condition # 6.3	Entire Project	Permittee	

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
25	The Designated Representative or Designated Biologist shall compile the submitted 14-Day Notifications, and the observation and inspection records identified in the Compliance Monitoring Condition of Approval into a Monthly Compliance Report (MCR) and submit it no later than the 15th of each month to CDFW along with a copy of the MMRP table with notes showing the current implementation status of each mitigation measure. MCRs shall be submitted to the CDFW offices listed in the Notices section of this ITP and via e-mail to CDFW's Regional Representative, the Region 4 Rails, Roads, and Renewables e-mail address (RRR.R4@wildlife.ca.gov), and Headquarters CESA Program. At the time of this ITP's approval, the CDFW Regional Representative is Javier Mendez (Javier.Mendez@wildlife.ca.gov) and Headquarters CESA Program email is CESA@wildlife.ca.gov. CDFW may at any time increase the timing and number of compliance inspections and reports required under this provision depending upon the results of previous compliance inspections. If CDFW determines the reporting schedule must be changed, CDFW will notify Permittee in writing of the new reporting schedule.	ITP Condition # 6.4	Entire Project	Permittee	
26	Permittee shall provide CDFW with an Annual Status Report (ASR) no later than January 31 of every year beginning with issuance of this ITP and continuing until CDFW accepts the Final Mitigation Report identified below. Each ASR shall include, at a minimum: (1) a summary of all MCRs for that year; (2) a general description of the status of the Project Area and Covered Activities, including actual or projected completion dates, if known; (3) a copy of the table in the MMRP with notes showing the current implementation status of each mitigation measure; (4) an assessment of the effectiveness of each completed or partially completed mitigation measure in avoiding, minimizing and mitigating Project impacts; (5) all available information about Project-related incidental take of the Covered Species; (6) an accounting of the number of acres subject to disturbance, both for the prior calendar year (quantified by Work Area), and a total since ITP issuance; and (7) information about other Project impacts on the Covered Species.	ITP Condition # 6.5	Entire Project	Permittee	
27	The Designated Biologist shall submit all observations of Covered Species to CDFW's California Natural Diversity Database (CNDDDB) within 60 calendar days of the observation, and the Designated Biologist shall include copies of the submitted forms with the next Monthly Compliance Report or ASR, whichever is submitted first relative to the observation.	ITP Condition # 6.6	Entire Project	Permittee	
28	Permittee shall immediately notify the Designated Biologist if a Covered Species is taken or injured by a Project-related activity, or if a Covered Species is otherwise found dead or injured within the vicinity of the Project. The Designated Biologist or Designated Representative shall provide initial notification to CDFW within 24 hours of discovery via email to the Regional Office at RRR.R4@wildlife.ca.gov. The initial notification to CDFW shall include information regarding the location, species, and number of animals taken or injured and the ITP Number. Following initial notification, Permittee shall send CDFW a written report within two calendar days. The report shall include the date and time of the finding or incident, location of the animal or carcass, and if possible, provide a photograph, explanation as to cause of take or injury, and any other pertinent information.	ITP Condition # 6.8	Entire Project	Permittee	
29	To ensure compliance with the Conditions of Approval of the ITP, the Designated Biologist shall have authority to immediately stop any activity that is not in compliance with the ITP, and/or to order any reasonable measure to avoid the unauthorized take of an individual of the Covered Species, or a species not covered by the ITP.	ITP Condition # 6.3	Entire Project	Permittee	

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
30	A Designated Biologist(s) shall be on-site daily during initial vegetation removal, clearing, and grubbing activities. Vegetation shall be removed incrementally, by hand/using hand tools to the maximum extent feasible from top to bottom, and power tool blades shall be set no lower than 4 inches to allow the Designated Biologist 100 percent visual coverage to inspect the area under vegetation for any individuals of the Covered Species and burrows, crevices, and other refugia. If the Covered Species or previously unidentified burrows, crevices, or other refugia are found, the Designated Biologist shall stop Covered Activities and visually inspect the burrows, crevices, or other refugia for Covered Species. If the Covered Species is found, the Designated Biologists shall remove Covered Species from the Project Area. If any animal burrows, crevices, or other refugia are found the Designated Biologist shall implement avoidance per the Flag Burrows/Crevices and Burrow Avoidance Condition of Approval. The individual of the Covered Species must be moved out of harm's way, or the burrow/crevice must be avoided or excavated prior to recommencing activities under the direction of the Designated Biologist.	ITP Condition # 7.4	Entire Project	Permittee	
31	Where they cannot be avoided by 50 feet, burrows, crevices, and other refugia that have been previously flagged or otherwise identified shall be covered with boards or plates meant to distribute weight, for the minimum amount of time necessary to complete Covered Activities. There shall be no gaps between boards or plates with the ground. Where Covered Activities in a Work Area last more than a single day, all boards or plates shall be removed at the end of each workday and replaced before resuming Covered Activities.	ITP Condition # 7.5	Entire Project	Permittee	
32	The Designated Biologist or Biological Monitor shall inspect all open and covered holes, sumps, trenches, and pipes within each Work Area at the beginning and end of each workday for trapped Covered Species.	ITP Condition # 7.6	Entire Project	Permittee	
33	All excavated, steep-walled holes or trenches will be filled at the end of each workday. All trenches, holes, sumps, and other excavations with sidewalls steeper than a 1:1 (45 degree) slope and that are over eight inches deep shall be covered or secured in a manner that ensures the Covered Species cannot breach the perimeter of the trench, hole, or other excavation when workers or equipment are not actively working in the trench, hole, or other excavation, and at the end of each workday. Alternatively, an escape ramp of earth or a non-slip material with a less than 1:1 (45 degree) slope may be used where feasible.	ITP Condition # 7.6.1	Entire Project	Permittee	
34	To prevent inadvertent entrapment of Covered Species or any other animals, a Designated Biologist shall oversee the initial installation of all coverings and barriers to ensure that Covered Species are unable to breach the perimeter (e.g., dig or squeeze under the barrier and become entrapped). The outer two feet of excavation cover shall either conform to solid ground so that gaps do not occur between the cover and the ground and be secured with soil staples or other means to prevent gaps if a pliable material is used (e.g. hardware cloth or visqueen), or have any gaps filled in, if a hard cover is used, in such a manner that it will be visually evident if the fill has been disturbed (e.g. coat with tracking medium).	ITP Condition # 7.6.2	Entire Project	Permittee	
35	Work within 250-feet of aquatic habitat (open water including constructed basins, seasonal wetlands, vernal pools) will occur when the habitat is dry, typically July 15 - October 15, unless otherwise approved in writing by CDFW. For irrigation systems dependent on water allocations, there may not be a dry season, and a variance from these this limited operating period may be necessary.	ITP Condition # 7.7	Entire Project	Permittee	

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
36	If the National Weather Service 72-hour forecast for the Segment is greater than 0.08 inches per 24-hour period and greater than 40 percent chance of rain, Covered Activities shall stop and/or shall not begin, whichever applies. Work may continue and/or begin 24 hours after the rain stops and there is less than 40 percent chance of precipitation in the 72-hour forecast. A Designated Biologist shall resurvey each Work Area before Covered Activities continue and/or begin.	ITP Condition # 7.8	Entire Project	Permittee	
37	At any time while engaged in Covered Activities, all workers shall inform the Biological Monitor(s) if a Covered Species is seen within or near the Work Area. All Covered Activities in the vicinity of the Covered Species, which could injure or kill the animal, shall cease until the Covered Species is moved by the Biological Monitor(s) or it moves from the Work Area of its own accord. Should the Covered Species not exit the Work Area, the Designated Biologist may remove the Covered Species to suitable refugia outside the Work Area.	ITP Condition # 7.9	Entire Project	Permittee	
38	The Designated Biologist shall maintain a record of all Covered Species handled and relocated. For each Covered Species handled and relocated, the Designated Biologist(s) shall report the following information: (1) date, time, and location (Global Positioning System (GPS) coordinates and maps) of capture and/or observation as well as release if applicable; (2) the name of the party that identified the Covered Species; (3) circumstances of the incident; (4) the general condition and health, noting all visible conditions including gait and behavior, ectoparasites, injuries, etc.; (5) any diagnostic markings, sex, age (juvenile or adult); (6) actions undertaken; (7) habitat description; and (8) ambient temperature when the Covered Species was captured and/or observed and released. CTS capture/handling and relocation records shall be included in the required MCRs and ASRs. In addition, the Designated Biologist shall submit this information to CDFW's CNDDDB required by Condition of Approval CNDDDB Observations.	ITP Condition # 7.10	Entire Project	Permittee	
39	If a Covered Species is injured as a result of Project-related activities, the Designated Biologist shall immediately take it to a CDFW approved wildlife rehabilitation or veterinary facility per the CDFW-approved CTS Mortality Reduction and Relocation Plan. Permittee shall identify the facility before starting Covered Activities. Permittee shall bear any costs associated with the care or treatment of such injured Covered Species. The Permittee shall notify CDFW of the injury to the Covered Species immediately by telephone and e-mail followed by a written incident report as described in Condition of Approval Notification of Take or Injury. Notification shall include the name of the facility where the animal was taken.	ITP Condition # 7.11	Entire Project	Permittee	
POST-CONSTRUCTION					
41	Upon completion of Covered Activities, Permittee shall remove from the Project Area and properly dispose of all excavation spoils and construction refuse, including, but not limited to, broken equipment parts, wrapping material, cords, cables, wire, rope, strapping, twine, buckets, metal or plastic containers, and boxes.	ITP Condition # 5.16	Post-construction	Permittee	

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
42	No later than 45 days after completion of all mitigation measures, Permittee shall provide CDFW with a Final Mitigation Report. The Designated Biologist shall prepare the Final Mitigation Report which shall include, at a minimum: (1) an accounting of the number of acres subject to disturbance (total impacts); (2) a summary of all MCRs and all ASRs; (3) a copy of the table in the MMRP with notes showing when each of the mitigation measures was implemented; (4) all available information about Project-related incidental take of the Covered Species; (5) information about other Project impacts on the Covered Species; (6) beginning and ending dates of Covered Activities; (7) an assessment of the effectiveness of this ITP's Conditions of Approval in minimizing and fully mitigating Project impacts of the taking on Covered Species; (8) recommendations on how mitigation measures might be changed to more effectively minimize take and mitigate the impacts of future projects on the Covered Species; and (9) any other pertinent information.	ITP Condition # 6.7	Post-construction and after completion of mitigation	Permittee	
43	CDFW accepts the Final Mitigation Report as complete.	ITP Condition # 6.7	Post-construction	CDFW	

ATTACHMENT 2

Biologist Resume Form



BIOLOGIST RESUME

Project Name:

LSA Agreement/ITP Number(s):

SECTION I. NAME AND CONTACT INFORMATION	
Name:	Title:
Company Name & Address:	
Phone:	Email:

SECTION II. EDUCATION
College/University, Degree Name and Type Related to Natural Resource Science (e.g., BS in ecology), and Dates of Attendance:
Other Relevant Workshops & Training:

SECTION III. ROLE(S) AND PERMIT REQUIREMENTS
Requested Role(s):
Relevant LSA Agreement Measures or ITP Conditions ² :

SECTION IV. SPECIES AND RESOURCE EXPERIENCE – SUMMARY				
<i>This section summarizes experience by special status species and other resource. Use one row for each species or other resource where surveys or special protections are required in the CESA ITP or LSA Agreement for which biologist approval is requested.³ If more space is needed, add rows to this table. Provide details in Section V.</i>				
Species or Resource	Number of Field Seasons & Hours, Life Stages Observed <small>Provide project details in Section 5</small>	Life History Knowledge <small>Describe formal workshops & training with dates, or informal training details</small>	CDFW SCP, MOU, & USFWS 10a1a Authorization Number & Authorized Activities <small>This form does not fulfill SCP, MOU, & USFWS 10a1a reporting requirements</small>	
Insert Species or Resource 1	Field seasons: Hours: Life Stages:			Issued to: Expiration: Agency contact:
Insert Species or Resource 2	Field seasons: Hours: Life Stages:			Issued to: Expiration: Agency contact:
Insert Species or Resource 3	Field seasons: Hours: Life Stages:			Issued to: Expiration: Agency contact:

SECTION V. SPECIES AND RESOURCE EXPERIENCE – DETAILS

² List all measures and conditions from the LSA Agreement or ITP requiring biological staff (i.e., Qualified Biologist, Designated Biologist, or Biological Monitor).

³ Often LSA Agreements/ITPs require surveys and other protections for multiple species and other resources. Include only those for which the biologist has experience and is requesting approval.



BIOLOGIST RESUME

Project Name:

LSA Agreement/ITP Number(s):

This section details experience from the three most recent and relevant projects for each species and resource identified in Section IV. If more space is needed, attach additional pages in the same table format (i.e., copy/paste format).

SPECIES OR RESOURCE 1:

Project 1 Name & Location:

Project Start Date:

Project End Date:

LSA Agreement, ITP, or Other Agency Permit Number:

Role(s)⁴:

Survey Type(s)⁵:

Construction Monitoring⁶

Days:

Activities:

Species Life Stages Observed & Handled, Number of Each

Company Name, Professional Reference Name, Phone, Email:

Life Stage:

Number Observed:

Number Handled:

Reported to CNDDB⁷ (Y/N):

If not reported to CNDDB, why:

CDFW and Other Agency Email:

Project 2 Name & Location:

Project Start Date:

Project End Date:

LSA Agreement, ITP, or Other Agency Permit Number:

Role(s):

Survey Type(s):

Construction Monitoring:

Days:

Activities:

Species Life Stages Observed & Handled, Number of Each

Company Name, Professional Reference Name, Phone, Email:

Life Stage:

Number Observed:

Number Handled:

Reported to CNDDB (Y/N):

If not reported to CNDDB, why:

⁴ Insert the role as described in the associated LSA Agreement, ITP or other agency permit. If these permits were not issued, describe the role based on the duties, e.g., "lead biologist with handling authorization" or "biological monitor."

⁵ For example, pre-construction survey or description of the protocol or guideline followed.

⁶ Include the number of days and describe the types of activities monitored (e.g., heavy equipment operation).

⁷ CNDDDB is the abbreviation for California Natural Diversity Database.



BIOLOGIST RESUME

Project Name:
LSA Agreement/ITP Number(s):

CDFW and Other Agency Email:	
Project 3 Name & Location:	
Project Start Date:	Project End Date:
LSA Agreement, ITP, or Other Agency Permit Number:	
Role(s):	
Survey Type(s):	
Construction Monitoring Days:	
Activities:	
Species Life Stages Observed & Handled, Number of Each Life Stage: Number Observed: Number Handled: Reported to CNDDB (Y/N):	Company Name, Professional Reference Name, Phone, Email:
If <u>not</u> reported to CNDDB, why:	
CDFW and Other Agency Email:	
Additional Information:	
SPECIES OR RESOURCE 2:	
Project 1 Name & Location:	
Project Start Date:	Project End Date:
LSA Agreement, ITP, or Other Agency Permit Number:	
Role(s):	
Survey Type(s):	
Construction Monitoring Days:	
Activities:	
Species Life Stages Observed & Handled, Number of Each Life Stage: Number Observed: Number Handled: Reported to CNDDB (Y/N):	Company Name, Professional Reference Name, Phone, Email:
If <u>not</u> reported to CNDDB, why:	
CDFW and Other Agency Email:	
Project 2 Name & Location:	



BIOLOGIST RESUME

Project Name:

LSA Agreement/ITP Number(s):

Project Start Date:		Project End Date:	
LSA Agreement, ITP, or Other Agency Permit Number:			
Role(s):			
Survey Type(s):			
Construction Monitoring Days: Activities:			
Species Life Stages Observed & Handled, Number of Each Life Stage: Number Observed: Number Handled: Reported to CNDDB (Y/N):		Company Name, Professional Reference Name, Phone, Email:	
If <u>not</u> reported to CNDDB, why:			
CDFW and Other Agency Email:			
Project 3 Name & Location:			
Project Start Date:		Project End Date:	
LSA Agreement, ITP, or Other Agency Permit Number:			
Role(s):			
Survey Type(s):			
Construction Monitoring Days: Activities:			
Species Life Stages Observed & Handled, Number of Each Life Stage: Number Observed: Number Handled: Reported to CNDDB (Y/N):		Company Name, Professional Reference Name, Phone, Email:	
If <u>not</u> reported to CNDDB, why:			
CDFW and Other Agency Email:			
SPECIES OR RESOURCE 3:			
Project 1 Name & Location:			
Project Start Date:		Project End Date:	
LSA Agreement, ITP, or Other Agency Permit Number:			
Role(s):			



BIOLOGIST RESUME

Project Name:

LSA Agreement/ITP Number(s):

Survey Type(s):	
Construction Monitoring Days: Activities:	
Species Life Stages Observed & Handled, Number of Each Life Stage: Number Observed: Number Handled: Reported to CNDDDB (Y/N):	Company Name, Professional Reference Name, Phone, Email:
If <u>not</u> reported to CNDDDB, why:	
CDFW and Other Agency Email:	
Project 2 Name & Location:	
Project Start Date:	End Date:
LSA Agreement, ITP, or Other Agency Permit Number:	
Role(s):	
Survey Type(s):	
Construction Monitoring Days: Activities:	
Species Life Stages Observed & Handled, Number of Each Life Stage: Number Observed: Number Handled: Reported to CNDDDB (Y/N):	Company Name, Professional Reference Name, Phone, Email:
If <u>not</u> reported to CNDDDB, why:	
CDFW and Other Agency Email:	
Project 3 Name & Location:	
Project Start Date:	Project End Date:
LSA Agreement, ITP, or Other Agency Permit Number:	
Role(s):	
Survey Type(s):	
Construction Monitoring: Days: Activities:	



BIOLOGIST RESUME

Project Name:

LSA Agreement/ITP Number(s):

<p>Species Life Stages Observed & Handled, Number of Each</p> <p>Life Stage: Number Observed: Number Handled: Reported to CNDDB (Y/N):</p>	<p>Company Name, Professional Reference Name, Phone, Email:</p>
<p>If <u>not</u> reported to CNDDB, why:</p>	
<p>CDFW and Other Agency Email:</p>	