



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

California Endangered Species Act
Reissued Incidental Take Permit No. 2081-2025-051-04

**CRABTREE ROAD OVER DRY CREEK BRIDGE
REPLACEMENT PROJECT**

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.)

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|---------------------------|--|
| Permittee: | County of Stanislaus |
| Principal Officer: | David Leamon, PE, Director of Public Works |
| Contact Person: | Andrew Malizia, PE Deputy Director/Engineering Services (209) 525-4133 maliziaa@stancounty.com |
| Mailing Address: | 1716 Morgan Road Modesto, California 95358 |

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 **December 31, 2028**.

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 this ITP.

III. Project Location:

The Project is located approximately 5 miles north of State Route 132 and 13.6 miles east-southeast of the City of Oakdale in Stanislaus County (37.711448°N, 120.609485°W) (Figure 1). The Project is located in the United States Geological Survey (USGS) Cooperstown 7.5-minute topographic quadrangle (Sections 1 and 2, Township 3 South,

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.

Range 12 East, and Sections 35 and 36, Township 2 South, Range 12 East, Mt. Diablo Base and Meridian).

IV. Project Description:

The Project will replace the existing Crabtree Road over Dry Creek Bridge (Bridge No. 38C-0009) with a new bridge to be located on a new upstream alignment spanning Dry Creek to correct roadway geometry issues with the existing bridge alignment (Figure 2). Project activities will occur within the 3.78-acre Project site and will include initial site preparation, utility relocation, temporary water diversion, detour/temporary road construction, new bridge and roadway construction, placement of rock slope protection (RSP), existing bridge demolition, and restoration of temporary impacts (Figure 3). Project activities in the Dry Creek channel will be limited to temporary dewatering/diversion, erection of temporary girder splice falsework, temporary construction access while the creek is dry, removal of existing abutments and associated recontouring/restoration of the creek bank, and placement of RSP. No additional fill will be required below the top of bank of Dry Creek.

Initial Site Preparation

Initial site preparation activities include vegetation removal and grubbing (annual grassland, ruderal, and wetland vegetation) to facilitate Project construction access and access to Dry Creek. After vegetation is cleared, two 14-foot-wide temporary ramps will be graded on the north and south bank of Dry Creek for temporary construction equipment and worker access to Dry Creek (Figure 3). Following the temporary ramp construction, the falsework for two temporary girder splice supports will be installed in Dry Creek. The temporary falsework system provides structural support for girder erection and girder splicing operations.

Temporary Water Diversion

The Project may require partial diversion of Dry Creek within the Project site. Diversion methods may include the use of water pillows, rock, sandbags, pipes, or other structural methods. The Project may use sandbag cofferdam berms that will be installed upstream and downstream of the Project site connected to two temporary pipes to dewater approximately 241 linear feet of Dry Creek. Sandbag placement and diversion pipe installation will temporarily disturb approximately 1,964 square feet of Dry Creek. Alternatively, the Project may use an open channel diversion involving k-rails, water pillows, silt fencing, gravel, sandbags, Visqueen sheeting, steel sheet piles, or similar materials to create a cofferdam. Once the cofferdam is installed, Dry Creek within the Project site will be dewatered with pumps. Any potential diversion and dewatering activities will be limited to the period of June 15 through October 15, when creek flows are low and Dry Creek is often naturally dry. Upon completion of Project construction, the temporary diversion system will be removed. All diversion materials will be removed by October 15.

New Bridge Construction

The new bridge will be a 172-foot-long single-span bridge approximately 28 feet wide and will accommodate two 10-foot traffic lanes, 2-foot shoulders, and Concrete Barrier Type 85 with Tubular Hand Railing. The new bridge will be a cast-in-place reinforced concrete deck on spliced precast prestressed concrete wide flange girders. Girders will be supported at each

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end by two new concrete bridge abutments. Six cast-in-drilled-hole (CIDH) concrete piles with full length temporary casings will be drilled 65 feet deep into the upper bank of Dry Creek to provide the foundation for the abutments. High density slurry may be required to maintain the hole until the pile concrete is placed. If water is encountered during installation of the CIDH piles, water will be removed using methods including sump pumps, temporary wells, dewatering trenches, and temporary barriers. Open pile holes will then be backfilled with concrete, and any leftover slurry will be disposed of off site. The two abutments will be constructed on top of the piles. The two abutments will be connected to two sets of retaining walls along both sides of the north and south approach roadways leading to the bridge abutments (Figure 3). On the north abutment, the retaining wall will range from 36 feet to 53 feet long. On the south abutment, the retaining wall will range from 56 feet to 119 feet long. The height of the retaining walls at both abutments will range from 20 feet to 26 feet. Retaining walls are anticipated to be Caltrans Standard Type 1 (Case 1) concrete cantilever walls on spread footings. Both the abutments and retaining walls will be cast-in-place with supporting formwork. After the concrete is cast and cured, the formwork will be removed and taken off site. Approximately 1,744 cubic yards of native soil will be used to backfill the abutments and retaining walls and 1,940 cubic yards of concrete will be used to install all bridge support features. Following abutment construction, two 8-foot-wide by 28-foot-long falsework structures for girder splicers consisting of timber pads, timber corbels, steel pipe post support and steel cap beams will be placed in the Dry Creek channel (Figure 3). After the temporary girder splice falsework supports are erected, a 34-foot-wide by 34-foot-long temporary support system for the crane placement will be erected in the creek bed. The temporary crane support system will require temporary grading of the creek bed/bank to provide a uniform surface and approximately 2-feet of temporary compacted engineered fill to improved bearing capacity. The temporary crane platform will consist of a series of timber mats over the compacted fill. After precast girders are erected, spliced and post-tensioned, the temporary falsework structures will be removed. The concrete bridge deck will be constructed on top of the precast girders.

Rock Slope Protection

Approximately 1,233.5 cubic yards of RSP will be installed around the new abutments to provide scour protection from high flows. RSP will be installed along the ground surface from above the top of the bank to the toe of the slope in Dry Creek, with some RSP embedded below the toe of the slope and covered with native backfill (Figure 3). Two trenches will be excavated to key in RSP on the north and south banks. Each trench will extend 100 feet along the bank with a depth of no more than 6 feet below the toe of the bank. After the trenches are excavated, two riprap fields consisting of 6-inch to 8-inch diameter rock will be installed over filter fabric and keyed in within the north and south upper banks. The open trenches will be backfilled with excavated soil and the Dry Creek channel will be recontoured to approximate original grade.

Roadway Improvements

The new approach roadway reconstruction lengths are approximately 320 feet south of the new bridge and 430 feet north of the new bridge (Figure 3). The new approach roadway will be graded to the final slopes and concrete asphalt will be placed and compacted above the

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roadway base materials. A combination of fill slopes and retaining walls will be installed along the new approach roadway to minimize fill slopes and right-of-way acquisition needs. Roadway improvements are anticipated to be completed with a small amount of right-of-way acquired from Assessor's Parcel Numbers (APNs) 008-002-003 and 011-006-029. New permanent barbed wire fencing will be installed along the edge of the new right-of-way, along both sides of the road (Figure 3). The new barbed wire fencing will connect with retained existing barbwire fencing and extend generally along the edge of the new right-of-way, around proposed riparian restoration planting areas located within the right-of-way (see below), and down the bank to the ordinary high-water mark of Dry Creek except on the east side of the bridge on the north bank where fencing will instead terminate at the retaining wall.

Utility Relocation

Existing U.S. Geological Survey (USGS) monitoring equipment on the existing bridge or existing abutments will be relocated by the USGS to the new bridge or new abutments including a storm surge sensor, water monitoring equipment box, and conduits. An existing Modesto Irrigation District (MID) utility pole with transmission and telemetry box antenna with solar panel will be left in place or relocated by MID on a new pole west of the new realigned Crabtree Road just north of the new north abutment. In addition, existing MID water monitoring equipment on the east side of the existing northern abutment will be replaced by MID with new monitoring equipment (e.g., sonar device) that will be attached to the new bridge deck or barrier railing.

Existing Bridge Demolition

Once the new bridge is open to traffic, the existing bridge and above-ground portions of the existing abutments/wingwalls will be demolished. The existing bridge will be dismantled when Dry Creek is dry. Demolition will occur from the middle of the existing bridge and extend out to both sides. Temporary netting will be placed under the bridge to capture debris. Sections of the existing bridge will be removed using a crane placed on top of the existing southern or northern abutment. Smaller pieces of the existing bridge may be removed by equipment operating from the Dry Creek channel. Abutment/wingwalls and approaches will be sawcut or jackhammered into smaller segments and disposed off site. Approximately 400 cubic yards of concrete will be removed during demolition. After demolition is complete, the north and south embankments will be filled using approximately 918 cubic yards of soil backfill placed on the upper banks and graded to match the existing Dry Creek bank slope. Additional RSP will be placed around the areas where the existing abutments will be removed to provide bank stability.

Restoration of Temporary Impacts & Mitigation Planting

At the end of Project construction, all temporary falsework and gravel from temporary work pads will be removed from Dry Creek and taken off site. Temporarily disturbed areas will be returned to approximate pre-Project conditions and hydroseeded. The Project will install plantings and seeds to mitigate for impacts to on-site habitats required by the Project's Lake and Streambed Alteration Agreement (Notification No. EPIMS-STA-32855-R4). Plantings will be installed in areas on the western bank on the north and south sides of the new bridge and on the eastern bank on the north side of the new bridge (Figure 3). Additional grading of the

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planting areas will not be needed prior to installing plantings. During the fall/winter season following the completion of construction, restoration activity will begin with the removal of any nonnative invasive species. Plantings will consist of nursery grown plants and may include willow (*Salix exigua* var. *hindsiana*, *Salix lasiolepis*), valley oak (*Quercus lobata*), coyote bush (*Baccharis pilularis*), and California rose (*Rosa californica*). It is possible that some plantings may need to be replaced within the first year of planting.

Detours/Temporary Road

The existing roadway and bridge will remain open to traffic during most of the new bridge construction. After the construction of the new bridge, traffic will be routed to the new bridge. The roadway may need to be closed to traffic for a period of 2 weeks during construction of the roadway approaches.

Staging Areas and Equipment

Staging and stockpile areas for the Project will be located within the existing right-of-way, proposed temporary construction easements along the roadway approaches, and staging areas located on both sides of Dry Creek (‘Southern Staging Area’ and ‘Northern Staging Area’) (Figure 3). The Project will require the following equipment: excavators, bulldozers, dump trucks, concrete boom pump, drill rigs, graders, backhoes, rollers, bobcats, compactors, loaders, skid steers, water trucks, jackhammers, generators, pavers, pumps, scrapers, rollers, trucks, loaders, forklifts, and cranes.

Construction Schedule

The Project is anticipated to begin in spring 2026 and projected to be completed by winter 2027. Abutment construction and other Project activities in uplands will occur year-round. Work in the Dry Creek channel will occur when it is naturally dry or when it has been dewatered during the dry season (June 15 - October 15).

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

This ITP covers the following species:

| <u>Name</u> | <u>CESA Status</u> ³ |
|--|---------------------------------|
| 1. California tiger salamander (<i>Ambystoma californiense</i> , CTS) | Threatened ⁴ |

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 include ground disturbance including grading, excavating, demolition, drilling, compacting, trenching, placing asphalt and concrete, backfilling, and placing rocks, soils, and materials; operating heavy equipment; vehicle traffic;

³Under CESA, a species may be on the list of endangered species, the list of threatened species, or the list of candidate species.

⁴See Cal. Code Regs. tit. 14 § 670.5, subd. (b)(3)(G).

clearing, grubbing, removing vegetation; stockpiling soils and materials; staging and laying down equipment; installing and removing fencing, erosion control, and temporary water diversion structures; hydroseeding; initial restoration planting, establishment and replacement planting; excavating small mammal burrows and crevices; and Covered Species salvage and relocation efforts required by this ITP (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, open pipes, and uncovered excavations; and entanglement with construction and exclusion fencing. 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 or within exclusion fencing; 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 3.78-acre Project site (collectively, the Project Area; Figure 3).

The Project is expected to cause the permanent loss of **0.54 acre** of upland habitat for the Covered Species and the temporary loss of **1.6 acres** of upland habitat both consisting of annual grassland (Figure 4). Temporary habitat loss is expected to last up to 24 months. The Project Area is within 1.24 miles of potential Covered Species aquatic breeding habitat consisting of vernal pools, vernal pool complexes, impoundments, detention basins, and stock ponds (Figure 5). There are no barriers to Covered Species dispersal between the Project Area and potential aquatic breeding habitat adjacent to the Project Area. The Covered Species could occur in the Project Area where there is suitable upland habitat on both sides of Dry Creek. During field surveys in March 2023 and September 2025, small mammal burrows were observed in the Project Area (Figure 4). 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 1.4 miles north of the Project Area (Figure 5). This Covered Species occurrence is presumed extant and although it is separated from the Project Area by a matrix of orchard agriculture, development, and roads, there are no complete barriers to Covered Species movement to the Project Area.

Impacts of the authorized taking also include adverse impacts to the Covered Species related to reduced conditions for Covered Species dispersal, physiological and/or behavioral disruptions, temporal habitat losses, habitat degradation, and the Project's incremental contribution to cumulative impacts (indirect impacts). These impacts include altering the

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conditions of and disruptions to Covered Species dispersal as a result of permanent loss of **0.08 acre** of potential dispersal habitat [Dry Creek (0.04 acre), ruderal vegetation (0.04 acre), ephemeral channel (0.0003 acre)] and temporary loss of **1.56 acres** of potential dispersal habitat [Dry Creek (0.41 acre), ruderal vegetation (0.64 acre), wetland swale (0.01 acre), ephemeral channel (0.0005 acre), disturbed land/hardscape (0.50 acre)] (Figure 4). The Covered Species could use the stream channel for dispersal when Dry Creek is dry or in low flow condition. In addition, ponding water in Dry Creek as it dries may provide Covered Species breeding habitat in certain circumstances. However, for purposes of this impact assessment, CDFW considers Dry Creek dispersal habitat. Impacts to this potential dispersal habitat could result in restricted Covered Species movement and could subject individuals of the Covered Species to disperse via longer movement routes resulting in decreased reproductive output, increased energetic expense, and associated increased risk of vehicle strikes, predation, or desiccation. The 0.68-acre ruderal areas that are adjacent to orchards are unlikely to provide upland habitat for the Covered Species. The primary Project-related impact to the Covered Species is to 1.64 acres of potential dispersal habitat, particularly 0.45 acre of Dry Creek which is potential Covered Species dispersal habitat as there are no complete barriers to Covered Species movement. Although Covered Species may disperse over these features, the lack of refugia, and in some cases cover, within the 1.64 acres increases the risk of predation and desiccation for any Covered Species individual present in those areas. The primary cause of potential direct take is likely to be from 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:

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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 Initial Study/Mitigated Negative Declaration (SCH No.: 2020079027) adopted by the County of Stanislaus on October 29, 2020, as lead agency for the Project pursuant to the California Environmental Quality Act (CEQA) (Pub. Resources Code, § 21000 et seq.).
3. **LSA Agreement Compliance:** Permittee shall implement and adhere to the mitigation measures and conditions related to the Covered Species in the Lake and Streambed Alteration Agreement (LSAA) (Notification No. EPIMS-STA-32855-R4) for the Project executed by CDFW pursuant to Fish and Game Code section 1600 et seq.
4. **ESA Compliance:** Permittee shall implement and adhere to the terms and conditions related to the Covered Species in any Biological Opinion and federal take authorization issued 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.
5. **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.
6. **General Provisions:**
 - 6.1. 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.
 - 6.2. Designated Biologist(s) and/or Designated Monitor(s). At least 30 days before starting Covered Activities, Permittee shall submit to CDFW in writing the name, qualifications, business address, and contact information of proposed Designated Biologist(s) and/or Designated Monitor(s) using the Biologist Resume Form (Attachment 2) or another format containing the same information. Permittee shall review qualifications before submission and ensure that the Designated Biologist(s) and Designated Monitor(s) are knowledgeable and experienced in Covered Species' biology and natural history, collecting and handling of the Covered Species, excavating burrows and crevices to minimize mortality of Covered

Species, and monitoring construction activities following the Conditions of Approval of an ITP for the Covered Species. CDFW may approve Designated Monitor(s) not meeting the qualifications of a Designated Biologist to assist in compliance monitoring and/or implementation of Conditions of Approval as specified by CDFW. Designated Monitor responsibilities shall be restricted to specific Conditions of Approval, specified by the Permittee or Designated Representative at the time their qualifications are submitted for review. Designated Monitor(s) and their specific activities shall be approved in advance and in writing by CDFW. Designated Biologist(s) and Designated Monitor(s) shall be responsible for monitoring 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 Designated Monitor(s) in writing before starting Covered Activities and shall also obtain approval in advance, in writing, if Designated Biologist(s) or Designated Monitor(s) must be changed.

- 6.3.** Designated Biologist and/or Designated Monitor Authority. To ensure compliance with the Conditions of Approval of this ITP, the Designated Biologist(s) and/or Designated Monitor(s) shall be given the authority to immediately stop any activity that does not comply with this ITP and/or order any reasonable measure to avoid the unauthorized take of an individual of the Covered Species. Permittee shall provide unfettered access to the Project Area and otherwise facilitate the Designated Biologist(s) and/or Designated Monitor(s) in the performance of their duties. If the Designated Biologist(s) and/or Designated Monitor(s) are unable to comply with the ITP, then the Designated Biologist(s) and/or Designated Monitor(s) shall notify the CDFW Regional Representative (detailed in the Notices section below) 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)/Designated 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.
- 6.4.** Education Program. Permittee shall provide an education program for all persons employed or otherwise working in the Project Area before they can perform any work within the Project Area. The same instruction shall be provided to any new workers before they are authorized to perform work in the Project Area. 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. The program shall consist of a presentation from the Designated Biologist that includes: (1) a discussion of the biology, life history, and general behavior of the Covered Species; (2) information about the distribution and habitat needs of the Covered Species;

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(3) sensitivity of the Covered Species to human activities; (4) its status pursuant to CESA including legal protection, definition of 'take', recovery efforts, and penalties for violations; and (5) Project-specific protective measures described in this ITP. 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. Upon completion of the program, employees shall sign a form stating they attended the program and understand all protection measures.

- 6.5.** Construction Monitoring Documentation. The Designated Biologist(s) and Designated 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 a copy of the construction monitoring documentation is available for review upon request by CDFW.
- 6.6.** Trash Abatement. Permittee shall initiate a trash abatement program before starting Covered Activities and continue the program for the duration of Covered Activities. Permittee shall ensure that trash and food items are contained in animal proof containers. Permittee shall remove trash and food items ideally at daily intervals but at least once a week, to avoid attracting opportunistic predators such as ravens, coyotes, and feral dogs. Permittee shall remove all trash from the Project Area at the end of Covered Activities.
- 6.7.** Dust Control. Permittee shall implement dust control measures during Covered Activities to facilitate visibility for monitoring of the Covered Species by the Designated Biologist(s) and Designated Monitor(s). Permittee shall keep the amount of water used to the minimum amount needed and shall not allow water to form puddles. Dust palliatives shall not be used in the Project Area without prior review of the chemical composition and written approval for use by CDFW.
- 6.8.** 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. This includes photodegradable or biodegradable synthetic netting, or other plastic erosion control materials. Permittee shall deploy erosion control fabric/mats, blankets, and/or fiber rolls consisting of only natural fibers such as jute, coconut, twine, or other similar fibers.
- 6.9.** Delineation of Project Area Boundaries. Before starting Covered Activities, Permittee shall clearly delineate the boundary of the Project Area east of Crabtree Road and on both sides of Dry Creek and the Project Area boundary within Dry Creek (creek bed and banks) with high visibility fencing or stakes. Permittee shall restrict all Covered Activities to within the fenced or staked areas. Permittee shall maintain materials used to delineate the Project Area in effective condition for the

duration of Covered Activities and ensure that materials are supported sufficiently to maintain its effectiveness under all conditions such as wind and heavy rain. Permittee shall repair materials used to delineate the Project Area within 24 hours of discovery that repairs are necessary. Permittee shall remove all materials used to delineate the Project Area upon completion of Covered Activities.

- 6.10. Delineation of Habitat.** Before starting Covered Activities, Permittee shall clearly delineate habitat of the Covered Species east of Crabtree Road and on both sides of Dry Creek with posted signs to minimize the disturbance of Covered Species' habitat beyond the limits of marked areas. Permittee shall maintain posted signs in effective condition for the duration of Covered Activities and ensure that posted signs are supported sufficiently to maintain its effectiveness under all conditions such as wind and heavy rain. Permittee shall repair posted signs used to delineate habitat of the Covered Species within 24 hours of discovery that repairs are necessary. Permittee shall remove all materials used to delineate the Project Area upon completion of Covered Activities.
- 6.11. Project Access.** Project-related personnel shall access the Project Area using existing routes 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 roads, staging, and parking areas. 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 or Covered Species habitat impacts will occur as a result of the Project modification.
- 6.12. Staging Areas.** Permittee shall confine all Project-related parking, storage areas, stockpile areas, laydown sites, equipment storage, and equipment refueling, maintenance, and washing to the Southern Staging Area, Northern Staging Area, and adjacent to the roadway. Additionally, Permittee shall not use or cross Covered Species' habitat outside of the Project Area unless provided for in accordance with Condition of Approval Project Access.
- 6.13. Hazardous Waste.** Permittee shall properly maintain all machinery to prevent spills and leaks. 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.
- 6.14. Fire Prevention.** Permittee shall implement fire prevention measures during Covered Activities, including, but not limited to: (1) equipping all motorized vehicles with spark arrestors when working in designated State Responsibility Areas;

(2) ensuring water-filled backpack pumps, shovels, shields, and fire-resistant mats and/or windscreens are available on site during grinding and welding operations; (3) prohibiting welding operations during “red flag” conditions as determined by the California Department of Forestry and Fire Protection; (4) equipping all fuel trucks with an appropriate fire extinguisher; and (5) ensuring that flammable materials are cleared from parking and staging areas.

- 6.15. CDFW Access. Permittee shall provide CDFW staff with reasonable access to the Project Area 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.
- 6.16. Refuse Removal. Upon completion of Covered Activities, Permittee shall remove from the Project Area and properly dispose of all temporary fill 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.

7. Monitoring, Notification and Reporting Provisions:

- 7.1. Notification Before Commencement. The Designated Representative shall notify CDFW 14 calendar days before starting Covered Activities and shall document compliance with all pre-Project Conditions of Approval before starting Covered Activities.
- 7.2. 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 and/or the Designated Biologist 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.
- 7.3. Geographic Information Systems Data Files. Before starting Covered Activities, the Permittee shall provide CDFW with Geographic Information Systems (GIS) data files for both permanent and temporary impacts authorized under this ITP. The Permittee shall provide any additional GIS data files for the Project or related Covered Species features within 30 days of CDFW’s request. All GIS data files shall be provided in a format acceptable to CDFW.
- 7.4. Compliance Monitoring. The Designated Biologist shall be on-site **daily** to conduct compliance monitoring during delineation of Project Area and Covered Species habitat boundaries, initial ground disturbing, vegetation removal, clearing, grading, and site preparation activities, and installation of the temporary water diversion system. 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(s) shall prepare daily written observation and inspection records summarizing oversight activities and compliance inspections, observations of Covered Species and their sign, survey results, and monitoring activities required by this ITP. After initial ground disturbing, vegetation removal, clearing, grading, and site preparation activities, and after the temporary water diversion system has been completely installed, a Designated Biologist(s) shall be on-site a minimum of **once a month** to conduct compliance monitoring. In addition to the compliance inspections required by this Condition of Approval, the Designated Representative and Designated Biologist(s) shall ensure that all other inspections required by this ITP are conducted at the frequency (i.e., interval, time(s) of day, following weather events) required by other specific Conditions of Approval.

- 7.5. Monthly Compliance Report.** Permittee shall provide CDFW with Monthly Compliance Reports (MCR) no more than 10 days after the end of each month. The Designated Representative or Designated Biologist shall compile the observation and inspection records required by Condition of Approval Compliance Monitoring into a MCR and submit it to CDFW along with a copy of the MMRP table with notes showing the current implementation status of each mitigation measure. MCRs shall also include: (1) Covered Activities which occurred during the month; (2) an accounting of the number of acres that have been permanently and temporarily disturbed by the Project both for the month if applicable and the total since ITP issuance; (3) the number of acres of impacts anticipated to occur in the Project Area during the next month if applicable; and (4) a summary of all Pre-Activity Clearance Surveys and compliance monitoring conducted during the month. MCRs shall be submitted to CDFW's Regional Office, Regional Representative, and Headquarters CESA Program. At the time of this ITP's approval, the CDFW Regional Office e-mail is R4CESA@wildlife.ca.gov with a copy to CDFW's Regional Representative Ruby Kwan (Ruby.Kwan@wildlife.ca.gov) and Headquarters CESA Program (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.

- 7.6. 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 both temporary and permanent disturbance, both for the prior calendar year and a total since ITP issuance; and (7) information about other Project impacts on the Covered Species. Permittee shall submit ASRs to CDFW's Regional Office, Regional Representative, and Headquarters CESA Program.
- 7.7. 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. The Designated Biologist shall include copies of the submitted forms with the next MCR or ASR, whichever is submitted first relative to the observation.
- 7.8. 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) a summary of all MCRs and ASRs; (2) a copy of the table in the MMRP with notes showing when each of the mitigation measures was implemented; (3) a summary of restoration activities in areas temporarily impact by the Project and total acreage restored; (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 the 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.
- 7.9. Notification of Take or Injury.** 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(s) or Designated Representative shall provide initial notification to CDFW by calling the Regional Office at (559) 243-4005 and by email to the CDFW's Regional Office (R4CESA@wildlife.ca.gov) and CDFW Representative (Ruby.Kwan@wildlife.ca.gov). The initial notification to CDFW shall include information regarding the location, species, and number of animals taken or

injured, name of the CDFW-approved facility where the animal was taken, 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, explanation as to cause of take or injury, provide photographs if possible, and any other pertinent information.

8. 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:

- 8.1. CTS Mortality Reduction and Relocation Plan.** Permittee shall prepare a CTS Mortality Reduction and Relocation Plan and submit it to CDFW for review and written approval a minimum of 30 days before starting Covered Activities. 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, burrow excavation, capture, handling, and relocation methods; (4) cover board check frequencies or removal based on seasonality and environmental conditions to ensure any cover boards that remain in use during the dry season (or dry periods) do not lead to Covered Species desiccation risk; (5) identification of where salvaged individuals will be relocated and a discussion of the biological suitability of relocation site(s); (6) identification of a wildlife rehabilitation center or veterinary facility capable of and willing to treat injured individuals of the Covered Species; and (7) 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.
- 8.2. CTS Exclusion Fence Plan.** Permittee shall prepare a CTS Exclusion Fence Plan and submit it to CDFW for review and written approval a minimum of 30 days before starting Covered Activities. The CTS Exclusion Fence Plan shall include, but not be limited to, the following details: (1) area(s) to be fenced (including maps); (2) fence materials; (3) fence design (e.g., height), layout (including maps), and installation methods; (4) cover boards to provide refuge areas for the Covered Species (include number of cover boards/spacing, material of cover boards, and size of individual cover boards); (5) specification of the maximum continuous linear length of fencing to be installed at any given time; and (6) inspection, maintenance, repair, and replacement methods and intervals. Permittee shall have a

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CDFW-approved CTS Exclusion Fence Plan before implementing Conditions of Approval CTS Pre-Activity Clearance Surveys and Reporting, Flag Burrows/Crevices and Burrow Avoidance, CTS Burrow and Crevice Excavation, and CTS Exclusion Fence Installation, below.

- 8.3.** Final Diversion and Dewatering Plan. Permittee shall submit a Final Diversion and Dewatering Plan to CDFW for review a minimum of 14 days before starting Covered Activities. The Final Diversion and Dewatering Plan shall include mapping of all diversion structures and provide details regarding the location, size, type, construction materials and methods, and removal methods. Permittee shall obtain written approval from CDFW of the Final Diversion and Dewatering Plan before starting Covered Activities.
- 8.4.** CTS Pre-Activity Clearance Surveys and Reporting. The Designated Biologist shall survey the Project Area for the Covered Species **no more than 30 days** prior to conducting Covered Activities. Surveys shall provide 100 percent visual coverage (including burrow and crevices) within the Project Area and a 50-foot buffer zone around the Project Area if access allows. If Covered Species are found, the Designated Biologists shall relocate Covered Species from the Project Area in accordance with the CDFW-approved CTS Mortality Reduction and Relocation Plan. Designated Monitor(s) are prohibited from capturing and handling Covered Species individuals unless specifically approved in writing by CDFW and under the direct supervision of the Designated Biologist. Permittee shall provide the Pre-Activity Clearance Survey results to CDFW in a written report before starting Covered Activities.
- 8.5.** Flag Burrows/Crevices and Burrow Avoidance. During implementation of Condition of Approval CTS Pre-Activity Clearance Surveys and Reporting, the Designated Biologist shall flag all animal burrows and crevices suitable for Covered Species occupancy within the Project Area and a 50-foot buffer zone around the Project Area if access allows. Burrows or crevices do not need to be flagged if they are located in areas outside of the Permittee's access and/or control. 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. Flagged burrows/crevices which occur within 630 meters (0.4 miles) of known or potential CTS aquatic breeding habitat and which cannot be avoided by at least 50 feet shall be fully excavated in accordance with Condition of Approval CTS Burrow and Crevice Excavation.
- 8.6.** CTS Burrow and Crevice Excavation. Before starting Covered Activities, animal burrows and crevices flagged during implementation of Condition of Approval CTS Pre-Activity Clearance Surveys and Reporting shall be fully excavated if those burrows and crevices are within 630 meters (0.4 miles) of known or potential Covered Species aquatic breeding habitat and cannot be fully avoided by at least 50 feet. Excavation shall occur **no more than 14 days** after the completion of

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Conditions of Approval CTS Pre-Activity Clearance Surveys and Reporting and Flag Burrow/Crevice and Burrow Avoidance. Flagged burrows/crevices may be excavated by hand or in a manner otherwise approved by CDFW in accordance with the CDFW-approved CTS Mortality Reduction and Relocation Plan. Burrow/crevice excavation shall occur under the direct supervision of the Designated Biologist. The Designated Biologist shall relocate any live CTS discovered during burrow/crevice excavation in accordance with the CDFW-approved CTS Mortality Reduction and Relocation Plan. Designated Monitor(s) are prohibited from capturing and handling CTS unless specifically approved in writing by CDFW and under the direct supervision of the Designated Biologist. Burrows and crevices identified outside of the Project Area shall be excavated if those burrows and crevices lie within 50 feet of Project ground- and/or vegetation disturbing activities. This excavation requirement applies regardless of whether the burrow/crevice is located within the Project Area or within the Project Area's 50-foot buffer zone except when the burrow/crevice is in an area outside of the Permittee's access and/or control.

- 8.7. CTS Exclusion Fence Installation. After surveying, flagging, and excavating animal burrows and crevices in accordance with Conditions of Approval CTS Pre-Activity Clearance Surveys and Reporting, Flag Burrows/Crevice and Burrow Avoidance, and CTS Burrow and Crevice Excavation, and after CDFW has approved the CTS Exclusion Fence Plan but before starting Covered Activities, Permittee shall install CTS exclusion fence to prevent Covered Species from migrating into the cleared Project Area. The CTS exclusion fence shall be installed under the direct supervision of the Designated Biologist and begin **no later than 48 hours** after burrow/crevice excavations and Covered Species relocation activities are complete. The Designated Biologist shall accompany the exclusion fence construction crew to ensure that Covered Species are not killed or injured during fence installation. The Permittee shall avoid covering animal burrows and crevices during exclusion fence installation in accordance with Condition of Approval Flag Burrows/Crevice and Burrow Avoidance and avoid covering any burrows/crevices with any exclusion fence material. When animal burrows and crevices that are within 630 meters of known or potential CTS aquatic breeding habitat cannot be avoided by a 50-foot no-disturbance buffer from the exclusion fence, they shall be excavated as described in Condition of Approval CTS Burrow and Crevice Excavation prior to commencing exclusion fence installation.
- 8.8. 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 (e.g., loppers, clippers, pruners) 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 animal burrows/crevices. If the Covered Species or animal burrows/crevices are found, the Designated Biologist and Project workers shall immediately cease all

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Covered Activities in the vicinity. If the Covered Species is found, the Designated Biologists shall relocate Covered Species from the Project Area in accordance with the CDFW-approved CTS Mortality Reduction and Relocation Plan. If any animal burrows/crevices are found, the Designated Biologist shall implement burrow/crevice avoidance per Condition of Approval Flag Burrows/Crevices and Burrow Avoidance or excavate the burrow/crevice per Condition of Approval CTS Burrow and Crevice Excavation. 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.

- 8.9.** CTS Exclusion Fence Inspection. Permittee and/or the Designated Biologist shall check the CTS exclusion fence and refuge areas (e.g. cover boards) daily during initial ground disturbance and vegetation removal activities, and daily when the temporary water diversion system is being installed. After initial ground disturbance and vegetation removal activities and after the temporary water diversion system has been completely installed, the Designated Biologist shall check the CTS exclusion fence a minimum of once a week during the wet season, daily during and following rain events, and frequencies in accordance with the CDFW-approved CTS Mortality Reduction and Relocation Plan for refuge checks during the dry season. If Covered Species are found within the interior fence or refuge areas, the Designated Biologist shall relocate them in accordance with the CDFW-approved CTS Mortality Reduction and Relocation Plan.
- 8.10.** CTS Exclusion Fence Repair and Removal. Permittee shall maintain and repair the CTS exclusion fence. Repairs shall be made within 24 hours of any discovery that repairs are necessary. Permittee shall ensure that the CTS exclusion fence remains in place and supported sufficiently to maintain its effectiveness under all conditions such as wind and heavy rain. Permittee shall remove all CTS exclusion fencing immediately upon completion of Covered Activities.
- 8.11.** Rain Forecast. The Permittee and Designated Biologist shall monitor the National Weather Service 72-hour forecast for the Project Area. Permittee shall cease all Covered Activities in the Project Area where initial ground disturbance and vegetation removal activities has yet to occur during rainfall and/or when a 50 percent or greater chance of rainfall is predicted within 72 hours. Permittee may continue Covered Activities 24 hours after rainfall ceases and there is a zero percent chance of rainfall in the 72-hour forecast. Where initial ground disturbance and vegetation removal has already occurred, Permittee may continue Covered Activities during rainfall only if the Project Area has been previously disturbed and the Project Area (or areas approved by CDFW per the CTS Exclusion Fence Plan) is surrounded by CTS exclusion fencing that is in effective condition and being properly maintained (see Condition of Approval CTS Exclusion Fence Repair and Removal).

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- 8.12. Soil and Material Stockpiles.** Permittee shall ensure that soil stockpiles and materials are placed where soil, rocks, and material will not pass into Covered Species known or potential aquatic breeding habitat or into any other “Waters of the State”. Permittee shall protect stockpiles appropriately to prevent soil erosion during all weather conditions. Permittee shall not place materials outside of the Project Area and staging areas (see Condition of Approval Staging Areas).
- 8.13. Open Excavations.** The Designated Biologist shall inspect all open holes, sumps, trenches, and other excavations daily and at the beginning of each day during initial ground disturbance and vegetation removal activities and daily when the temporary water diversion system is being installed for any Covered Species that may be trapped. Project workers shall inspect all open holes, sumps, trenches, and other excavations for Covered Species immediately before they are temporarily or permanently back-filled. If any Project worker discovers that Covered Species have become trapped at any point, Project workers shall immediately cease all Covered Activities in the vicinity which could cause further entrapment, or injure or kill the Covered Species, and notify the Designated Biologist. The Designated Biologist and Project workers shall allow Covered Species to move to a safe location unimpeded, if possible, before Covered Activities are allowed to continue. Alternatively, the Designated Biologist may move Covered Species out of harm’s way outside of the Project Area and in accordance with the CDFW-approved CTS Mortality Reduction and Relocation Plan.
- 8.14. Covers and Ramps.** Permittee shall ensure that all open holes, sumps, trenches, and other excavations are covered or escape ramps are provided to prevent inadvertent entrapment of Covered Species. At the end of each workday, Project workers shall cover all open holes, sumps, trenches, and other excavations of any depth that have sidewalls greater than 1:1 (45 degree) slope with barrier material (e.g., plywood). The outer two feet of the cover shall conform to solid ground so that gaps do not occur between the cover and the ground. The cover shall be secured to prevent gaps such that Covered Species are unable to dig or squeeze under the cover. If any open holes, sumps, trenches, and other excavations cannot be covered, Permittee, in consultation with the Designated Biologist shall provide at least one escape ramp constructed of earthen fill or a non-slip wooden plank with a less than 1:1 (45 degree) slope for each open hole, sump, trench, or other excavation. If a situation is encountered that this measure does not anticipate and alternative methods of preventing entrapment in open holes, sumps, trenches, and other excavations are warranted, Permittee shall request and obtain CDFW’s written approval prior to implementing the alternative. The Designated Biologist shall inspect the covers and escape ramps to ensure that covers and ramps are in effective condition, secured, and with no gaps.
- 8.15. Vehicle and Equipment Inspection.** Project workers shall inspect under vehicles and equipment for Covered Species before the start of each workday and before vehicles and equipment are moved for any Covered Species that may be utilizing

the equipment as temporary shelter. If any Project worker discovers a Covered Species, Project workers shall notify the Designated Biologist. The Designated Biologist and Project workers shall allow Covered Species to move to a safe location unimpeded, if possible, before Covered Activities are allowed to continue. Alternatively, the Designated Biologist may move the Covered Species out of harm's way outside of the Project Area and in accordance with the CDFW-approved CTS Mortality Reduction and Relocation Plan.

- 8.16. Pipes and Other Structures Entrapment Prevention.** Permittee shall ensure that all pipes, hoses, conduit, culverts, or similar materials stockpiled or installed in the Project Area be capped or otherwise enclosed at the ends to prevent entry by the Covered Species. Project workers shall thoroughly inspect all construction pipe, culverts, or other similar structures with a diameter of one inch or greater that are stored for one or more overnight periods for the Covered Species before the object is subsequently moved, buried, or capped. If during inspection Covered Species is discovered inside a pipe, culvert, or similar structure, Project workers shall immediately cease all Covered Activities in the vicinity which could injure or kill the Covered Species and notify the Designated Biologist. The Designated Biologist and Project workers shall allow Covered Species to move to a safe location unimpeded, if possible, before Covered Activities are allowed to continue. Alternatively, the Designated Biologist may move the Covered Species out of harm's way outside of the Project Area and in accordance with the CDFW-approved CTS Mortality Reduction and Relocation Plan.
- 8.17. Covered Species Observations.** During all Covered Activities within the Project Area, all Project workers shall inform the Designated Biologist if a Covered Species is observed within or near the Project Area. All work in the vicinity of the observed Covered Species, which could injure or kill the animal, shall cease immediately until it moves from the Project Area of its own accord or the Designated Biologist relocates the Covered Species following the CDFW-approved CTS Mortality Reduction and Relocation Plan.
- 8.18. 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.

- 8.19.** Covered Species Injury. If a Covered Species is injured as a result of Project-related activities, the Designated Biologist(s) shall immediately take it to the CDFW-approved wildlife rehabilitation or veterinary facility per the CDFW-approved CTS Mortality Reduction and Relocation Plan. Permittee shall bear any costs associated with the care or treatment of such injured Covered Species. The Designated Representative or Designated Biologist shall notify CDFW of Covered Species injury immediately by telephone and e-mail followed by a written incident report required by Condition of Approval Notification of Take or Injury.
- 8.20.** Fieldwork Code of Practice. The Designated Biologist(s) and Designated Monitor(s) shall follow the Fieldwork Code of Practice developed by the Declining Amphibian Populations Task Force at all times (see Attachment 3) to ensure that disease is not conveyed outside of the Project Area. The Designated Biologist(s) and Designated Monitor(s) may substitute a bleach solution (0.5 to 1.0 cup of bleach to 1.0 gallon of water) for the ethanol solution. The Designated Biologist(s) and Designated Monitor(s) shall take care so that all traces of the disinfectant are removed before entering the next aquatic habitat.
- 8.21.** Temporary Water Diversion. Permittee shall not discharge any water pumped from the Project Area to potential Covered Species upland and breeding habitat within or adjacent to the Project Area. Permittee shall ensure that any pumps/pump intakes used for temporary water diversion will be screened with wire mesh no larger than 5 millimeters. Permittee shall place pump intakes within a perforated bucket or other method that reduces suction to prevent the Covered Species from entering the pump system. Permittee shall remove temporary diversion structures and supportive material immediately after Project construction is completed or when temporary diversion structures and supportive material are no longer needed for the Project.
- 8.22.** Work Timing. Permittee shall restrict all Project activities to daylight hours defined as that daytime period between sunrise and sunset except to conduct any emergency work where potential for harm to persons, property, or the environment exists and requires expedited action to remedy the situation to avoid such risks. Permittee shall notify CDFW and the Designated Biologist of emergency activities as soon as possible and in accordance with the with the CDFW-approved CTS Mortality Reduction and Relocation Plan. The first day that it is safe to enter the emergency work area, the Designated Biologist shall conduct compliance inspections in accordance with Condition of Approval Compliance Monitoring.
- 8.23.** Disposal of Organic Material. Permittee shall properly dispose of organic material and debris off site. Permittee shall not broadcast vegetation that will be removed, use organic material as mulch or ground cover, or otherwise placed on top

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Covered Species habitat anywhere within or adjacent to the Project Area. All non-native plants that are removed shall be bagged and disposed off site.

- 8.24. Restoration of Temporary Impacts. Permittee shall submit a final seed mix to CDFW for review and approval prior to hydroseeding within the Project Area. Permittee shall restore all areas temporarily impacted within the Project Area to approximate original grade and revegetate all areas temporarily impacted with the CDFW-approved Final Seed Mix to approximate pre-Project conditions.
- 8.25. LSAA Mitigation Plantings. Permittee shall submit a final restoration plan to CDFW prior to installing plants and seeding within the restoration areas. Permittee shall install LSAA mitigation plantings the fall/winter season following the end of construction, not to exceed one year following construction. Permittee shall submit a Vegetation Planting Map within 30 days following the installation of plantings to show the location and species of each plant that was installed.
- 8.26. Pesticide Use Prohibited. Permittee shall not use pesticides including but not limited to herbicides, rodenticides, and insecticides within the Project Area for the term of this ITP. If pesticides must be used, Permittee shall consult with CDFW and obtain written approval from CDFW before any pesticide use.

9. Habitat Management Land Acquisition: 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, the Permittee shall purchase **2.9 CTS upland credits** from a CDFW-approved conservation bank pursuant to Conditions of Approval Covered Species Credits and Bill of Sale and Payment Receipt or Credit Transfer Agreement below. Purchase of Covered Species credits must be complete before starting Covered Activities.

- 9.1. Covered Species Credits. Permittee shall purchase **2.9 CTS upland credits** from a CDFW-approved mitigation or conservation bank prior to initiating Covered Activities. Prior to purchase of Covered Species credits, Permittee shall obtain CDFW approval to ensure the mitigation or conservation bank is appropriate to compensate for the impacts of the Project.
- 9.2. Bill of Sale and Payment Receipt or Credit Transfer Agreement. Permittee shall submit to CDFW a copy of the Bill of Sale(s) and Payment Receipt or an executed Credit Transfer Agreement for **2.9 CTS upland credits** from a CDFW-approved mitigation or conservation bank prior to initiating Covered Activities.

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 2081-2025-051-04 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
1234 East Shaw Avenue
Fresno, California 93710
(559) 243-4005
R4CESA@wildlife.ca.gov

Reissued Incidental Take Permit
No. 2081-2025-051-04
COUNTY OF STANISLAUS

CRABTREE ROAD OVER DRY CREEK BRIDGE REPLACEMENT PROJECT

and a copy to:

Habitat Conservation Planning Branch
California Department of Fish and Wildlife
Attention: CESA Permitting Program
Post Office Box 944209
Sacramento, California 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:

Ruby Kwan
California Department of Fish and Wildlife
20 Lower Ragsdale Drive, Suite 100
Monterey, California 93940
(805) 748-3624
Ruby.Kwan@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, County of Stanislaus. (See generally Pub. Resources Code, §§ 21067, 21069.) The lead agency's prior environmental review of the Project is set forth in the Crabtree Road over Dry Creek Bridge (38C-0009) Replacement Project Initial Study/Mitigated Negative Declaration (IS/MND) (SCH No.: 2020079027) dated July 2020, that the County of Stanislaus adopted for the Crabtree Road over Dry Creek Bridge Replacement Project on October 29, 2020. CDFW acting as responsible agency (CEQA Guidelines, § 15381) prepared and approved an Addendum to the IS/MND on December 23, 2025. At the time the lead agency certified the IS/MND 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 IS/MND 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.

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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, Crabtree Road over Dry Creek Bridge (38C-0009) Replacement Project IS/MND, Addendum to the IS/MND, 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 of 2.9 acres of upland habitat for CTS; (2) establishment of avoidance zones; (3) worker education; (4) restoration of temporary impacts; and (5) 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 2.9 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,

Reissued Incidental Take Permit
 No. 2081-2025-051-04
 COUNTY OF STANISLAUS

CRABTREE ROAD OVER DRY CREEK BRIDGE REPLACEMENT PROJECT

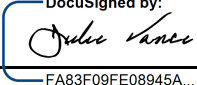
and any adverse impacts of the taking on those abilities in light of (1) known population trends; (2) known threats to the species; and (3) reasonably foreseeable impacts on the species from other related projects and activities. Moreover, CDFW's finding is based, in part, on CDFW's express authority 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 | Location Map |
| FIGURE 2 | Project Area |
| FIGURE 3 | Project Impact Map |
| FIGURE 4 | Impacts to Biological Communities/Resources |
| FIGURE 5 | Potential Breeding Habitat |
| ATTACHMENT 1 | Mitigation Monitoring and Reporting Program |
| ATTACHMENT 2 | Biologist Resume Form |
| ATTACHMENT 3 | Fieldwork Code of Practice |

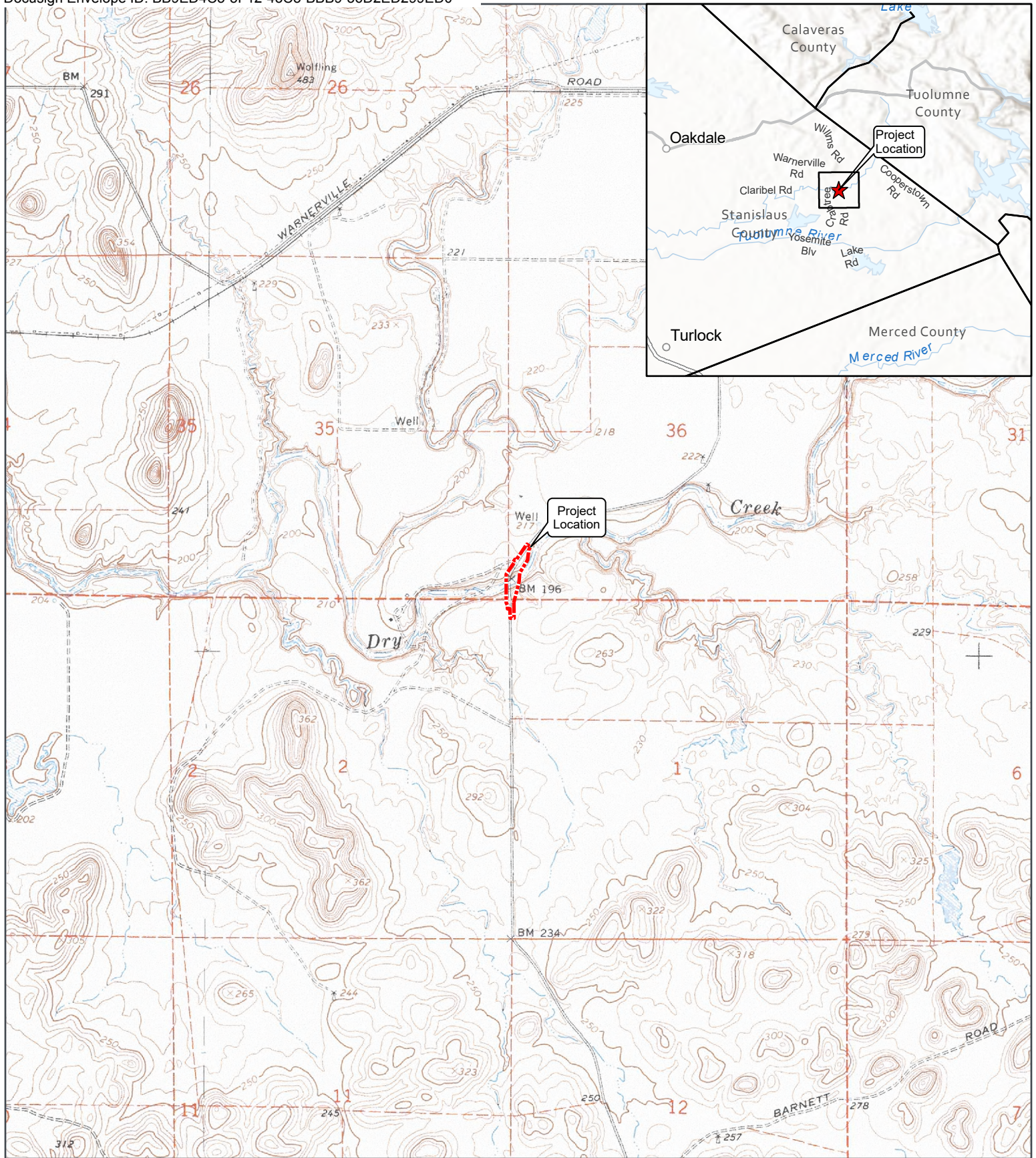
REISSUED BY THE CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE ON

5/1/2026

DocuSigned by:

FA83F09FE08945A...
Julie A. Vance, Regional Manager
Central Region

Reissued Incidental Take Permit
No. 2081-2025-051-04
COUNTY OF STANISLAUS

CRABTREE ROAD OVER DRY CREEK BRIDGE REPLACEMENT PROJECT



CRABTREE ROAD OVER DRY CREEK BRIDGE (38C-0009) REPLACEMENT PROJECT

 Project Location

Stanislaus County, CA
 Cooperstown, CA (1968)
 T02S, R12E, Sections 35 & 36,
 T03S, R12E, Sections 1 & 2,
 NAD 1983 California Teale Albers FTUS
 37.7113°N 120.6092°W

*o_sw0101.sid, 7.5 Minute (C) Series,
 Albers NAD83 Mosaics (M/SID),
 CASIL California USGS Digital
 Raster Graphics (DRG)*

Updated: 12/10/2025
 Project No. 66456
 Layout:
 66463Crabtree_Fig1LocationMap
 Aprx: 66463CrabtreeRdOverDryCrk

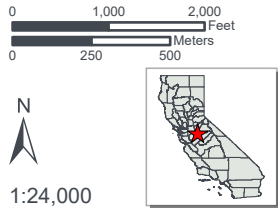


Figure 1. Location Map

1:24,000

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CRABTREE ROAD OVER DRY CREEK BRIDGE (38C-0009) REPLACEMENT PROJECT

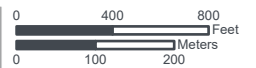
 Project Area

Figure 2.
Aerial Photograph

Stanislaus County, CA
NAD 1983 California Teale Albers FtUS
37.7113°N 120.6092°W

9 August 2024
WV03 Vivid Vantor Imagery

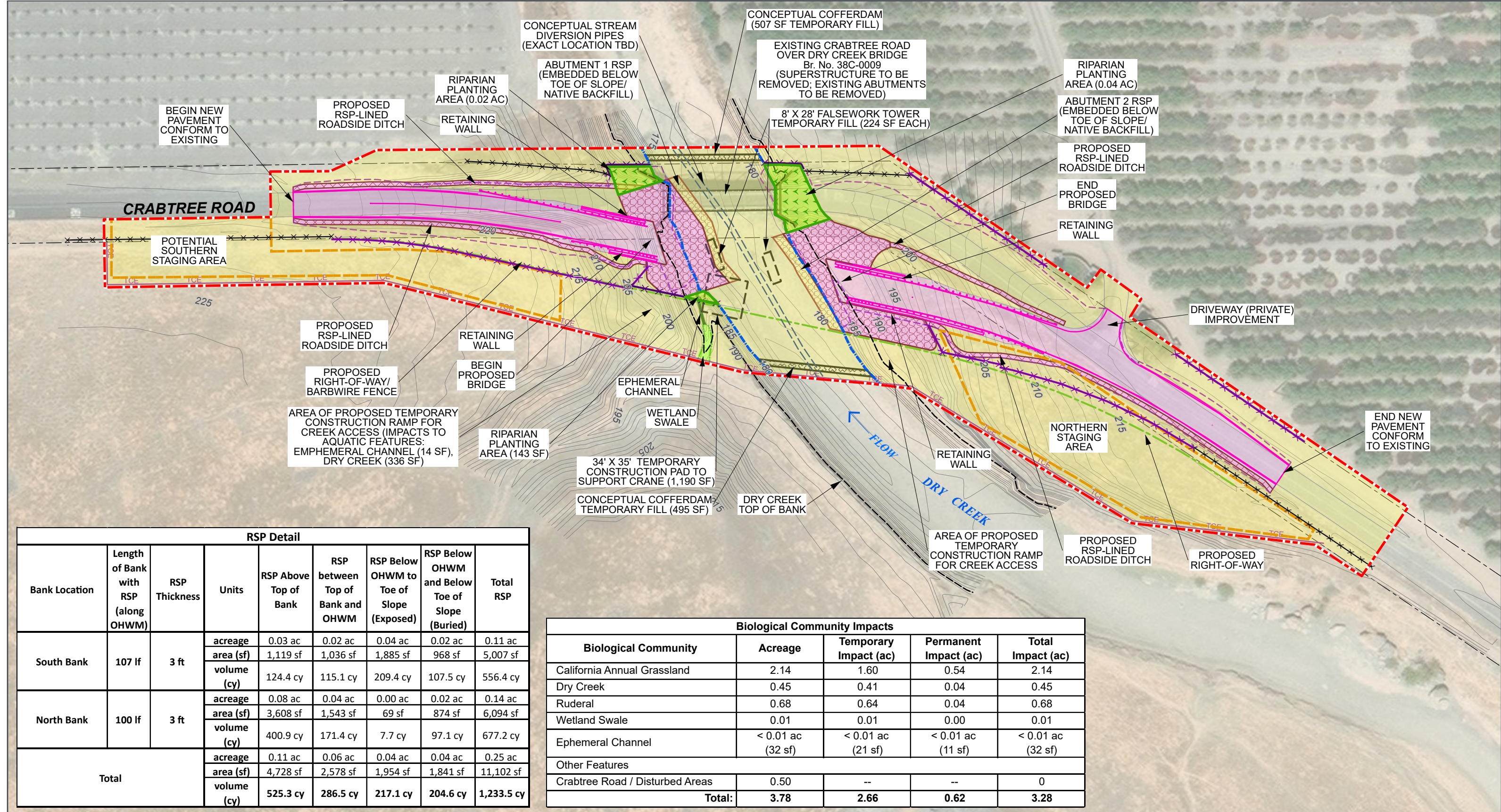
Base Map: World Imagery Basemap
Layer, Esri ArcGIS Online,
accessed December 2025
Updated: 12/11/2025
Project No. 66456
Layout:
66463Crabtree_Fig2AerialPhotograph
Aprx: 66463CrabtreeRdOverDryCrk



1:9,600



SWCA
ENVIRONMENTAL CONSULTANTS

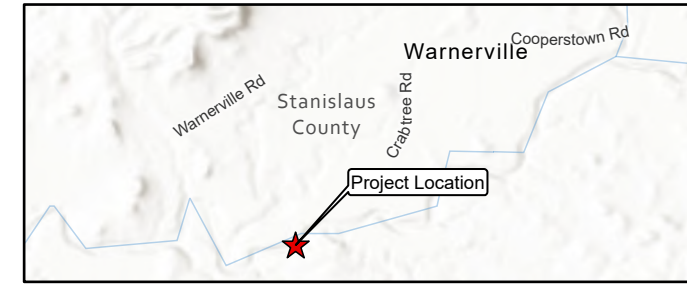


| RSP Detail | | | | | | | | |
|---------------|--------------------------------------|---------------|-------------|-----------------------|----------------------------------|--|--|------------|
| Bank Location | Length of Bank with RSP (along OHWM) | RSP Thickness | Units | RSP Above Top of Bank | RSP between Top of Bank and OHWM | RSP Below OHWM to Toe of Slope (Exposed) | RSP Below OHWM and Below Toe of Slope (Buried) | Total RSP |
| South Bank | 107 lf | 3 ft | acreage | 0.03 ac | 0.02 ac | 0.04 ac | 0.02 ac | 0.11 ac |
| | | | area (sf) | 1,119 sf | 1,036 sf | 1,885 sf | 968 sf | 5,007 sf |
| | | | volume (cy) | 124.4 cy | 115.1 cy | 209.4 cy | 107.5 cy | 556.4 cy |
| North Bank | 100 lf | 3 ft | acreage | 0.08 ac | 0.04 ac | 0.00 ac | 0.02 ac | 0.14 ac |
| | | | area (sf) | 3,608 sf | 1,543 sf | 69 sf | 874 sf | 6,094 sf |
| | | | volume (cy) | 400.9 cy | 171.4 cy | 7.7 cy | 97.1 cy | 677.2 cy |
| Total | | | acreage | 0.11 ac | 0.06 ac | 0.04 ac | 0.04 ac | 0.25 ac |
| | | | area (sf) | 4,728 sf | 2,578 sf | 1,954 sf | 1,841 sf | 11,102 sf |
| | | | volume (cy) | 525.3 cy | 286.5 cy | 217.1 cy | 204.6 cy | 1,233.5 cy |

| Biological Community Impacts | | | | |
|---------------------------------|-------------------|-----------------------|-----------------------|-------------------|
| Biological Community | Acreeage | Temporary Impact (ac) | Permanent Impact (ac) | Total Impact (ac) |
| California Annual Grassland | 2.14 | 1.60 | 0.54 | 2.14 |
| Dry Creek | 0.45 | 0.41 | 0.04 | 0.45 |
| Ruderal | 0.68 | 0.64 | 0.04 | 0.68 |
| Wetland Swale | 0.01 | 0.01 | 0.00 | 0.01 |
| Ephemeral Channel | < 0.01 ac (32 sf) | < 0.01 ac (21 sf) | < 0.01 ac (11 sf) | < 0.01 ac (32 sf) |
| Other Features | | | | |
| Crabtree Road / Disturbed Areas | 0.50 | -- | -- | 0 |
| Total: | 3.78 | 2.66 | 0.62 | 3.28 |

Figure 3. Project Impact Map

- ▬ Project Area (3.78 ac)
- ▬ Dry Creek OHWM
- ▬ Ephemeral Channel
- ▬ Wetland Swale
- ▬ Dry Creek Top of Bank
- ▬ Existing Right-of-way
- ▬ Existing Fencing (Retained)
- ▬ Roadway and Bridge Improvements
- ▬ Proposed Fencing (Barbed Wire)
- ▬ Proposed Right-of-way
- ▬ Limits of Grading
- ▬ Rock Slope Protection (RSP along Banks)
- ▬ RSP (Below Toe of Slope/Native Backfill)
- ▬ Conceptual Stream Diversion
- ▬ Conceptual Cofferdam
- ▬ Temporary Construction Easement (TCE)
- ▬ Contractor Staging Area
- ▬ Construction Areas (within Creek)
- ▬ Permanent Impact
- ▬ Temporary Impact

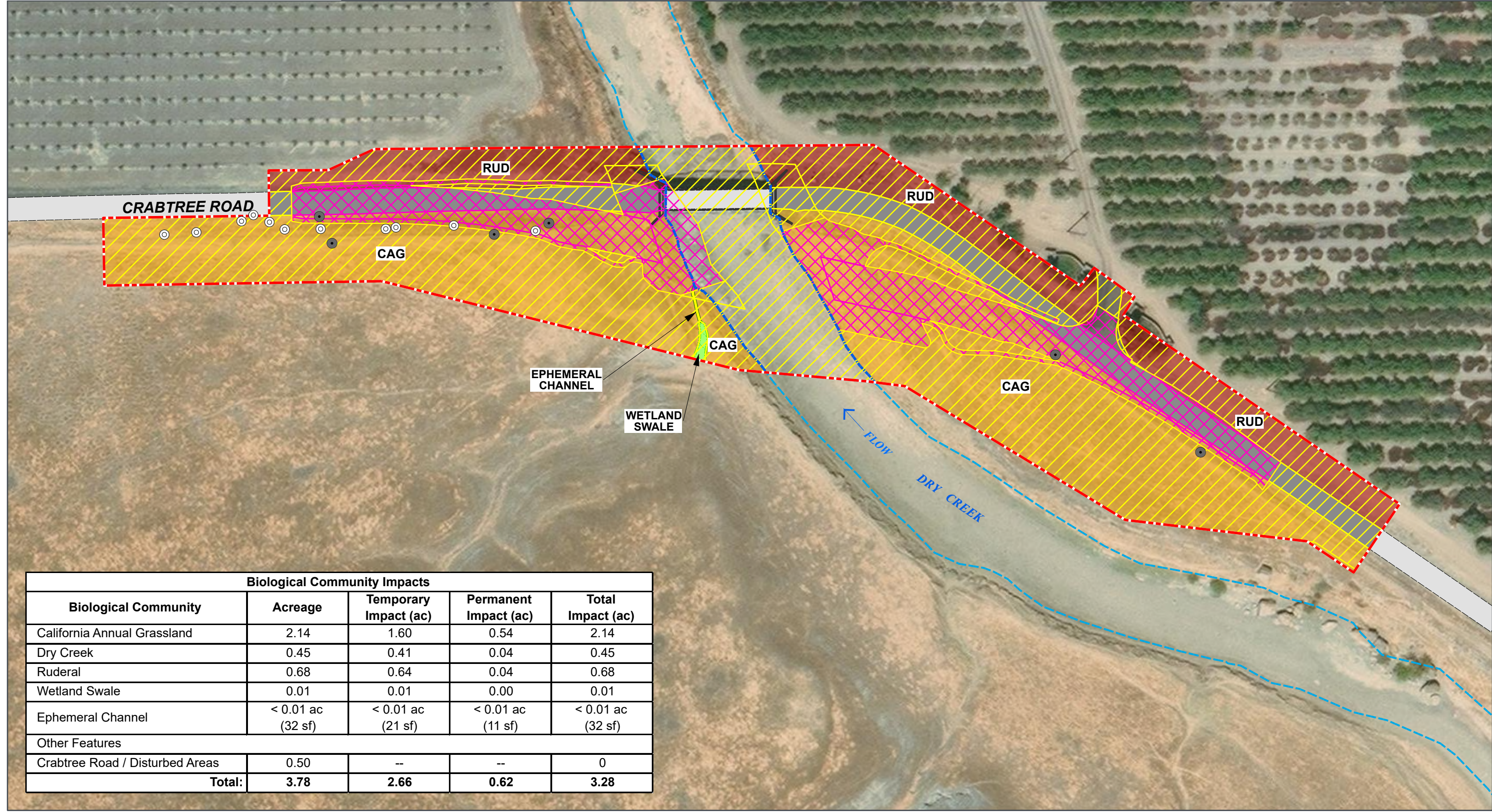


Stanislaus County, CA
 NAD 1983 StatePlane California III FIPS 0403 Feet
 37.7113°N 120.6091°W

Basemap, Road and Bridge Layout/Improvements based on:
 90% Plans Project Plans for Crabtree Bridge Replacement (Sept. 2023)
 CAD: 187249-C-RD_10-3-2023
 SWCA.dwg (4 Oct. 2023) & J15-1608 Topo.dwg (14 April 2016)

Base Map: Esri ArcGIS Online, accessed December 2025
 Updated: 12/11/2025
 Project No. 66463
 Aprx: 66463CrabtreeRdOverDryCk

Scale: 1:960
 SWCA ENVIRONMENTAL CONSULTANTS



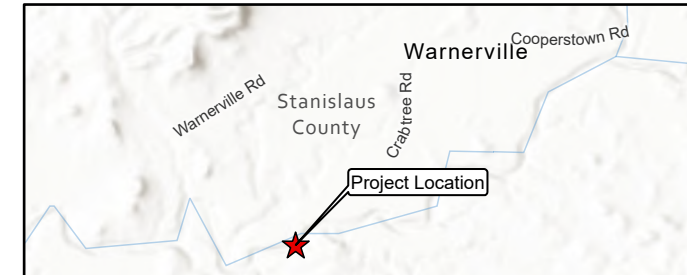
| Biological Community Impacts | | | | |
|---------------------------------|----------------------|-----------------------|-----------------------|----------------------|
| Biological Community | Acreage | Temporary Impact (ac) | Permanent Impact (ac) | Total Impact (ac) |
| California Annual Grassland | 2.14 | 1.60 | 0.54 | 2.14 |
| Dry Creek | 0.45 | 0.41 | 0.04 | 0.45 |
| Ruderal | 0.68 | 0.64 | 0.04 | 0.68 |
| Wetland Swale | 0.01 | 0.01 | 0.00 | 0.01 |
| Ephemeral Channel | < 0.01 ac (32 sf) | < 0.01 ac (21 sf) | < 0.01 ac (11 sf) | < 0.01 ac (32 sf) |
| Other Features | | | | |
| Crabtree Road / Disturbed Areas | 0.50 | -- | -- | 0 |
| Total: | 3.78 | 2.66 | 0.62 | 3.28 |

CRABTREE ROAD OVER DRY CREEK BRIDGE (38C-0009) REPLACEMENT PROJECT

Figure 4. Impacts to Biological Communities/Resources

- Project Area (3.78 ac)
- Dry Creek OHWM
- Ephemeral Channel
- Wetland Swale
- Burrow (Observed Sept. 11, 2025)*
- Burrow (Observed March 2023)*
- Pavement / Disturbed Areas
- California Annual Grassland (CAG)
- Ruderal (RUD)
- Permanent Impact
- Temporary Impact

* Each burrow point can represent multiple tunnels.



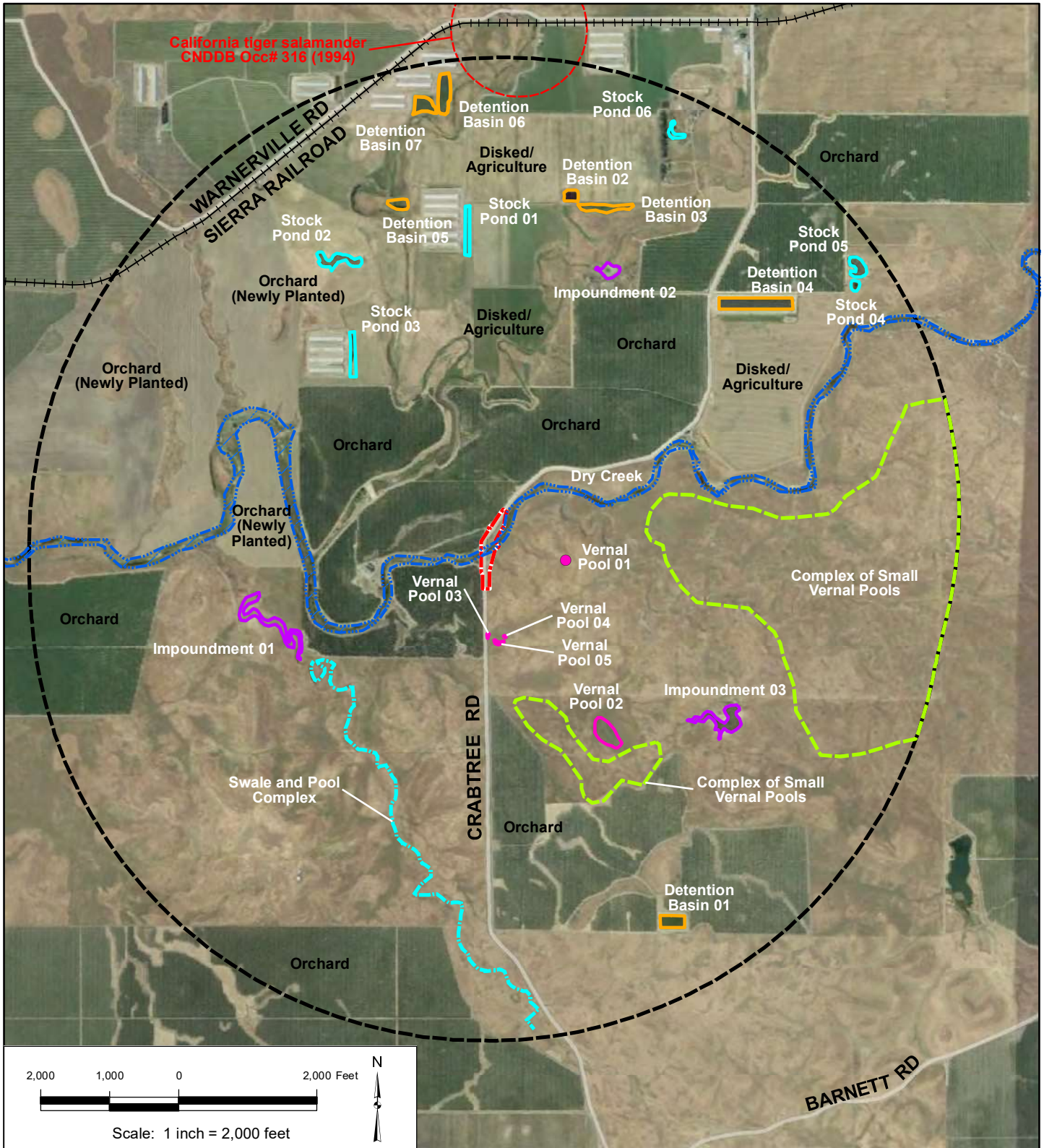
Stanislaus County, CA
 NAD 1983 StatePlane California III FIPS 0403 Feet
 37.7113°N 120.6091°W

0 40 80 Feet
 0 10 20 Meters

1:960

Base Map: Esri ArcGIS Online, accessed December 2025
 Updated: 12/11/2025
 Project No. 66463
 Aprx: 66463CrabtreeRdOverDryCk








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Crabtree Road over Dry Creek Bridge (38C-0009) Replacement Project
Stanislaus County, CA
17 December 2019

Figure 5. Potential Amphibian Breeding Habitat in Project Vicinity

(Source: 2020 Biological Assessment; Sycamore Environmental 2020)

-  Action Area
-  Dry Creek
-  Detention Basin
-  Impoundment
-  Stock Pond
-  Vernal Pool
-  Complex of Small Vernal Pools

-  1.24-mile radius
-  California Tiger Salamander CNDDB Occurrence

Aerial Photograph: 1 May 2018
Google Earth Imagery

CNDDB Occurrence Records:
DFG CA Natural Diversity Database (CNDDB)
(GIS Data Update: 30 December 2018)

Attachment 1

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

REISSUED INCIDENTAL TAKE PERMIT NO. 2081-2025-051-04

PERMITTEE: County of Stanislaus

**PROJECT: Crabtree Road Over Dry Creek Bridge
Replacement Project**

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 (Conditions of Approval). 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 reissued 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.

| BEFORE DISTURBING SOIL OR VEGETATION | | | | | |
|---|---|---|--|--------------------------|---------------------------------|
| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
| 1 | Before starting Covered Activities, Permittee shall designate a representative (Designated Representative) responsible for communications with CDFW and overseeing compliance with the 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 the ITP. | ITP Condition of Approval – <u>Designated Representative</u> | Before commencing ground- or vegetation-disturbing activities Entire Project Notify CDFW if/when a substitute Designated Representative is selected or identified | Permittee | |
| 2 | At least 30 days before starting Covered Activities, Permittee shall submit to CDFW in writing the name, qualifications, business address, and contact information of proposed Designated Biologist(s) and/or Designated Monitor(s) using the Biologist Resume Form (Attachment 2) or another format containing the same information. Permittee shall review qualifications before submission and ensure that the Designated Biologist(s) and Designated Monitor(s) are knowledgeable and experienced in Covered Species' biology and natural history, collecting and handling of the Covered Species, excavating burrows and crevices to minimize mortality of Covered Species, and monitoring construction activities following the Conditions of Approval of an ITP for the Covered Species. CDFW may approve Designated Monitor(s) not meeting the qualifications of a Designated Biologist to assist in compliance monitoring and/or implementation of Conditions of Approval as specified by CDFW. Designated Monitor responsibilities shall be restricted to specific Conditions of Approval, specified by the Permittee or Designated Representative at the time their qualifications are submitted for review. Designated Monitor(s) and their specific activities shall be approved in advance and in writing by CDFW. Designated Biologist(s) and Designated Monitor(s) shall be responsible for monitoring 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 Designated Monitor(s) in writing before starting Covered Activities and shall also obtain approval in advance, in writing, if Designated Biologist(s) or Designated Monitor(s) must be changed. | ITP Condition of Approval – <u>Designated Biologist(s) and/or Designated Monitor(s)</u> | At least 30 days before starting Covered Activities Entire Project Obtain approval in advance, in writing, if Designated Biologist(s) or Designated Monitor(s) must be changed | Permittee | |

| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
|---|--|---|---|---|---------------------------------|
| 3 | Permittee shall provide an education program for all persons employed or otherwise working in the Project Area before they can perform any work within the Project Area. The same instruction shall be provided to any new workers before they are authorized to perform work in the Project Area. 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. The program shall consist of a presentation from the Designated Biologist that includes: (1) a discussion of the biology, life history, and general behavior of the Covered Species; (2) information about the distribution and habitat needs of the Covered Species; (3) sensitivity of the Covered Species to human activities; (4) its status pursuant to CESA including legal protection, definition of 'take', recovery efforts, and penalties for violations; and (5) Project-specific protective measures described in the ITP. 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. Upon completion of the program, employees shall sign a form stating they attended the program and understand all protection measures. | ITP Condition of Approval - <u>Education Program</u> | Before commencing ground- or vegetation-disturbing activities Entire Project | Permittee | |
| 4 | Permittee shall initiate a trash abatement program before starting Covered Activities and continue the program for the duration of Covered Activities. Permittee shall ensure that trash and food items are contained in animal proof containers. Permittee shall remove trash and food items ideally at daily intervals but at least once a week, to avoid attracting opportunistic predators such as ravens, coyotes, and feral dogs. Permittee shall remove all trash from the Project Area at the end of Covered Activities. | ITP Condition of Approval - <u>Trash Abatement</u> | Before commencing ground- or vegetation-disturbing activities Entire Project | Permittee | |
| 5 | Before starting Covered Activities, Permittee shall clearly delineate the boundary of the Project Area east of Crabtree Road and on both sides of Dry Creek and the Project Area boundary within Dry Creek (creek bed and banks) with high visibility fencing or stakes. Permittee shall restrict all Covered Activities to within the fenced or staked areas. Permittee shall maintain materials used to delineate the Project Area in effective condition for the duration of Covered Activities and ensure that materials are supported sufficiently to maintain its effectiveness under all conditions such as wind and heavy rain. Permittee shall repair materials used to delineate the Project Area within 24 hours of discovery that repairs are necessary. Permittee shall remove all materials used to delineate the Project Area upon completion of Covered Activities. | ITP Condition of Approval - <u>Delineation of Project Area Boundaries</u> | Before commencing ground- or vegetation-disturbing activities Entire Project | Permittee | |
| 6 | Before starting Covered Activities, Permittee shall clearly delineate habitat of the Covered Species east of Crabtree Road and on both sides of Dry Creek with posted signs to minimize the disturbance of Covered Species' habitat beyond the limits of marked areas. Permittee shall maintain posted signs in effective condition for the duration of Covered Activities and ensure that posted signs are supported sufficiently to maintain its effectiveness under all conditions such as wind and heavy rain. Permittee shall repair posted signs used to delineate habitat of the Covered Species within 24 hours of discovery that repairs are necessary. Permittee shall remove all materials used to delineate the Project Area upon completion of Covered Activities. | ITP Condition of Approval - <u>Delineation of Habitat</u> | Before commencing ground- or vegetation-disturbing activities Entire Project | Permittee | |
| 7 | The Designated Representative shall notify CDFW 14 calendar days before starting Covered Activities and shall document compliance with all pre-Project Conditions of Approval before starting Covered Activities. | ITP Condition of Approval - <u>Notification Before Commencement</u> | Before commencing ground- or vegetation-disturbing activities | Permittee/ Designated Representative | |

| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
|----|--|--|--|--------------------------|---------------------------------|
| 8 | Before starting Covered Activities, the Permittee shall provide CDFW with Geographic Information Systems (GIS) data files for both permanent and temporary impacts authorized under the ITP. The Permittee shall provide any additional GIS data files for the Project or related Covered Species features within 30 days of CDFW's request. All GIS data files shall be provided in a format acceptable to CDFW. | ITP Condition of Approval - <u>Geographic Information Systems Data Files</u> | Before commencing ground- or vegetation-disturbing activities | Permittee | |
| 9 | Permittee shall prepare a CTS Mortality Reduction and Relocation Plan and submit it to CDFW for review and written approval a minimum of 30 days before starting Covered Activities. 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, burrow excavation, capture, handling, and relocation methods; (4) cover board check frequencies or removal based on seasonality and environmental conditions to ensure any cover boards that remain in use during the dry season (or dry periods) don't lead to Covered Species desiccation risk; (5) identification of where salvaged individuals will be relocated and a discussion of the biological suitability of relocation site(s); (6) identification of a wildlife rehabilitation center or veterinary facility capable of and willing to treat injured individuals of the Covered Species; and (7) process for notifying CDFW and documenting emergency activities that may occur in the nighttime (see Condition of Approval <u>Work Timing</u>). 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 the 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 of Approval - <u>CTS Mortality Reduction and Relocation Plan</u> | Before commencing ground- or vegetation-disturbing activities A minimum of 30 days before starting Covered Activities | Permittee | |
| 10 | Permittee shall prepare a CTS Exclusion Fence Plan and submit it to CDFW for review and written approval a minimum of 30 days before starting Covered Activities. The CTS Exclusion Fence Plan shall include, but not be limited to, the following details: (1) area(s) to be fenced (including maps); (2) fence materials; (3) fence design (e.g., height), layout (including maps), and installation methods; (4) cover boards to provide refuge areas for the Covered Species (include number of cover boards/spacing, material of cover boards, and size of individual cover boards); (5) specification of the maximum continuous linear length of fencing to be installed at any given time; and (6) inspection, maintenance, repair, and replacement methods and intervals. Permittee shall have a CDFW-approved CTS Exclusion Fence Plan before implementing Conditions of Approval <u>CTS Pre-Activity Clearance Surveys and Reporting</u> , <u>Flag Burrows/Crevice and Burrow Avoidance</u> , <u>CTS Burrow and Crevice Excavation</u> , and <u>CTS Exclusion Fence Installation</u> , below. | ITP Condition of Approval - <u>CTS Exclusion Fence Plan</u> | Before commencing ground- or vegetation-disturbing activities A minimum of 30 days before starting Covered Activities | Permittee | |

| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
|----|--|---|--|------------------------------------|---------------------------------|
| 11 | Permittee shall submit a Final Diversion and Dewatering Plan to CDFW for review a minimum of 14 days before starting Covered Activities. The Final Diversion and Dewatering Plan shall include mapping of all diversion structures and provide details regarding the location, size, type, construction materials and methods, and removal methods. Permittee shall obtain written approval from CDFW of the Final Diversion and Dewatering Plan before starting Covered Activities. | ITP Condition of Approval - <u>Final Diversion and Dewatering Plan</u> | Before commencing ground- or vegetation-disturbing activities A minimum of 14 days before starting Covered Activities | Permittee | |
| 12 | The Designated Biologist shall survey the Project Area for the Covered Species no more than 30 days prior to conducting Covered Activities. Surveys shall provide 100 percent visual coverage (including burrow and crevices) within the Project Area and a 50-foot buffer zone around the Project Area if access allows. If Covered Species are found, the Designated Biologists shall relocate Covered Species from the Project Area in accordance with the CDFW-approved <u>CTS Mortality Reduction and Relocation Plan</u> . Designated Monitor(s) are prohibited from capturing and handling Covered Species individuals unless specifically approved in writing by CDFW <u>and</u> under the direct supervision of the Designated Biologist. Permittee shall provide the Pre-Activity Clearance Survey results to CDFW in a written report before starting Covered Activities. | ITP Condition of Approval - <u>CTS Pre-Activity Clearance Surveys and Reporting</u> | Before commencing ground- or vegetation-disturbing activities No more than 30 days prior to conducting Covered Activities Provide the pre-activity clearance survey results to CDFW in a written report before starting Covered Activities | Permittee/ Designated Biologist | |
| 13 | During implementation of Condition of Approval <u>CTS Pre-Activity Clearance Surveys and Reporting</u> , the Designated Biologist shall flag all animal burrows and crevices suitable for Covered Species occupancy within the Project Area and a 50-foot buffer zone around the Project Area if access allows. Burrows or crevices do not need to be flagged if they are located in areas outside of the Permittee's access and/or control. 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. Flagged burrows/crevices which occur within 630 meters (0.4 miles) of known or potential CTS aquatic breeding habitat and which cannot be avoided by at least 50 feet shall be fully excavated in accordance with Condition of Approval <u>CTS Burrow and Crevice Excavation</u> . | ITP Condition of Approval - <u>Flag Burrows/ Crevices and Burrow Avoidance</u> | Before commencing ground- or vegetation-disturbing activities No more than 30 days prior to conducting Covered Activities <u>During CTS Pre-Activity Clearance Surveys and Reporting</u> | Permittee/ Designated Biologist | |

| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
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| 14 | <p>Before starting Covered Activities, animal burrows and crevices flagged during implementation of Condition of Approval <u>CTS Pre-Activity Clearance Surveys and Reporting</u> shall be fully excavated if those burrows and crevices are within 630 meters (0.4 miles) of known or potential Covered Species aquatic breeding habitat and cannot be fully avoided by at least 50 feet. Excavation shall occur no more than 14 days after the completion of Conditions of Approval <u>CTS Pre-Activity Clearance Surveys and Reporting</u> and <u>Flag Burrow/Crevices and Burrow Avoidance</u>. Flagged burrows/crevices may be excavated by hand or in a manner otherwise approved by CDFW in accordance with the CDFW-approved <u>CTS Mortality Reduction and Relocation Plan</u>. Burrow/crevice excavation shall occur under the direct supervision of the Designated Biologist. The Designated Biologist shall relocate any live CTS discovered during burrow/crevice excavation in accordance with the CDFW-approved <u>CTS Mortality Reduction and Relocation Plan</u>. Designated Monitor(s) are prohibited from capturing and handling CTS unless specifically approved in writing by CDFW and under the direct supervision of the Designated Biologist. Burrows and crevices identified outside of the Project Area shall be excavated if those burrows and crevices lie within 50 feet of Project ground- and/or vegetation disturbing activities. This excavation requirement applies regardless of whether the burrow/crevice is located within the Project Area or within the Project Area's 50-foot buffer zone except when the burrow/crevice is in an area outside of the Permittee's access and/or control.</p> | <p>ITP Condition of Approval - <u>CTS Burrow and Crevice Excavation</u></p> | <p>Before commencing ground- or vegetation-disturbing activities</p> <p>No more than 14 days after the completion of the <u>CTS Pre-Activity Clearance Surveys and Reporting</u> and <u>Flag Burrow/Crevices and Burrow Avoidance</u></p> | <p>Permittee/ Designated Biologist</p> | |
| 15 | <p>After surveying, flagging, and excavating animal burrows and crevices in accordance with Conditions of Approval <u>CTS Pre-Activity Clearance Surveys and Reporting</u>, <u>Flag Burrows/Crevices and Burrow Avoidance</u>, and <u>CTS Burrow and Crevice Excavation</u>, and after CDFW has approved the <u>CTS Exclusion Fence Plan</u> but before starting Covered Activities, Permittee shall install CTS exclusion fence to prevent Covered Species from migrating into the cleared Project Area. The CTS exclusion fence shall be installed under the direct supervision of the Designated Biologist and begin no later than 48 hours after burrow/crevice excavations and Covered Species relocation activities are complete. The Designated Biologist shall accompany the exclusion fence construction crew to ensure that Covered Species are not killed or injured during fence installation. The Permittee shall avoid covering animal burrows and crevices during exclusion fence installation in accordance with Condition of Approval <u>Flag Burrows/Crevices and Burrow Avoidance</u> and avoid covering any burrows/crevices with any exclusion fence material. When animal burrows and crevices that are within 630 meters of known or potential CTS aquatic breeding habitat cannot be avoided by a 50-foot no-disturbance buffer from the exclusion fence, they shall be excavated as described in Condition of Approval <u>CTS Burrow and Crevice Excavation</u> prior to commencing exclusion fence installation.</p> | <p>ITP Condition of Approval - <u>CTS Exclusion Fence Installation</u></p> | <p>Before commencing ground- or vegetation-disturbing activities</p> <p>No later than 48 hours after burrow/crevice excavations and Covered Species relocation activities are complete</p> | <p>Permittee/ Designated Biologist</p> | |
| 16 | <p>Permittee shall purchase 2.9 CTS upland credits from a CDFW-approved mitigation or conservation bank prior to initiating Covered Activities. Prior to purchase of Covered Species credits, Permittee shall obtain CDFW approval to ensure the mitigation or conservation bank is appropriate to compensate for the impacts of the Project.</p> | <p>ITP Condition of Approval - <u>Covered Species Credits</u></p> | <p>Before commencing ground- or vegetation-disturbing activities</p> <p>Prior to purchase of Covered Species credits, Permittee shall obtain CDFW approval</p> | <p>Permittee</p> | |

| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
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| 17 | Permittee shall submit to CDFW a copy of the Bill of Sale(s) and Payment Receipt or an executed Credit Transfer Agreement for 2.9 CTS upland credits from a CDFW-approved mitigation or conservation bank prior to initiating Covered Activities. | ITP Condition of Approval - <u>Bill of Sale and Payment Receipt or Credit Transfer Agreement</u> | Before commencing ground- or vegetation-disturbing activities | Permittee | |
| DURING GROUND DISTURBANCE AND VEGETATION REMOVAL ACTIVITIES | | | | | |
| 18 | To ensure compliance with the Conditions of Approval of the ITP, the Designated Biologist(s) and/or Designated Monitor(s) shall be given the authority to immediately stop any activity that does not comply with the ITP and/or order any reasonable measure to avoid the unauthorized take of an individual of the Covered Species. Permittee shall provide unfettered access to the Project Area and otherwise facilitate the Designated Biologist(s) and/or Designated Monitor(s) in the performance of their duties. If the Designated Biologist(s) and/or Designated Monitor(s) are unable to comply with the ITP, then the Designated Biologist(s) and/or Designated Monitor(s) shall notify the CDFW Regional Representative (detailed in the Notices section below) 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)/Designated 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 the ITP. | ITP Condition of Approval - <u>Designated Biologist and/or Designated Monitor Authority</u> | Entire Project | Permittee/ Designated Biologist | |
| 19 | The Designated Biologist(s) and Designated 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 the ITP with attachments and a list of signatures of all personnel who have successfully completed the education program. Permittee shall ensure a copy of the construction monitoring documentation is available for review upon request by CDFW. | ITP Condition of Approval - <u>Construction Monitoring Documentation</u> | Entire Project | Permittee/ Designated Biologist | |
| 20 | Permittee shall implement dust control measures during Covered Activities to facilitate visibility for monitoring of the Covered Species by the Designated Biologist(s) and Designated Monitor(s). Permittee shall keep the amount of water used to the minimum amount needed and shall not allow water to form puddles. Dust palliatives shall not be used in the Project Area without prior review of the chemical composition and written approval for use by CDFW. | ITP Condition of Approval - <u>Dust Control</u> | Entire Project | Permittee | |
| 21 | 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. This includes photodegradable or biodegradable synthetic netting, or other plastic erosion control materials. Permittee shall deploy erosion control fabric/mats, blankets, and/or fiber rolls consisting of only natural fibers such as jute, coconut, twine, or other similar fibers. | ITP Condition of Approval - <u>Erosion Control Materials</u> | Entire Project | Permittee | |

| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
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| 22 | Project-related personnel shall access the Project Area using existing routes 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 roads, staging, and parking areas. 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 the ITP, among other reasons, if additional take of Covered Species or Covered Species habitat impacts will occur as a result of the Project modification. | ITP Condition of Approval - <u>Project Access</u> | Entire Project | Permittee/ Designated Representative | |
| 23 | Permittee shall confine all Project-related parking, storage areas, stockpile areas, laydown sites, equipment storage, and equipment refueling, maintenance, and washing to the Southern Staging Area, Northern Staging Area, and adjacent to the roadway. Additionally, Permittee shall not use or cross Covered Species' habitat outside of the Project Area unless provided for in accordance with Condition of Approval <u>Project Access</u> . | ITP Condition of Approval - <u>Staging Areas</u> | Entire Project | Permittee | |
| 24 | Permittee shall properly maintain all machinery to prevent spills and leaks. 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 of Approval - <u>Hazardous Waste</u> | Entire Project | Permittee | |
| 25 | Permittee shall implement fire prevention measures during Covered Activities, including, but not limited to: (1) equipping all motorized vehicles with spark arrestors when working in designated State Responsibility Areas; (2) ensuring water-filled backpack pumps, shovels, shields, and fire-resistant mats and/or windscreens are available on site during grinding and welding operations; (3) prohibiting welding operations during "red flag" conditions as determined by the California Department of Forestry and Fire Protection; (4) equipping all fuel trucks with an appropriate fire extinguisher; and (5) ensuring that flammable materials are cleared from parking and staging areas. | ITP Condition of Approval - <u>Fire Prevention</u> | Entire Project | Permittee | |
| 26 | Permittee shall provide CDFW staff with reasonable access to the Project Area 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 the ITP. | ITP Condition of Approval - <u>CDFW Access</u> | Entire Project | Permittee | |
| 27 | The Designated Representative shall immediately notify CDFW if the Permittee is not in compliance with any Condition of Approval of the ITP, including but not limited to any actual or anticipated failure to implement measures within the time periods indicated in the ITP and/or the MMRP. The Designated Representative and/or the Designated Biologist shall follow up within 24 hours with a written report to CDFW describing, in detail, any non-compliance with the ITP and suggested measures to remedy the situation. | ITP Condition of Approval - <u>Notification of Non-compliance</u> | Entire Project | Permittee/ Designated Representative/ Designated Biologist | |

| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
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| 28 | <p>The Designated Biologist shall be on-site daily to conduct compliance monitoring during delineation of Project Area and Covered Species habitat boundaries, initial ground disturbing, vegetation removal, clearing, grading, and site preparation activities, and installation of the temporary water diversion system. The Designated Biologist shall conduct compliance inspections to:</p> <ol style="list-style-type: none"> (1) minimize incidental take of the Covered Species; (2) prevent unlawful take of species; (3) check for compliance with all measures of the 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. <p>The Designated Representative or Designated Biologist(s) shall prepare daily written observation and inspection records summarizing oversight activities and compliance inspections, observations of Covered Species and their sign, survey results, and monitoring activities required by the ITP. After initial ground disturbing, vegetation removal, clearing, grading, and site preparation activities, and after the temporary water diversion system has been completely installed, a Designated Biologist(s) shall be on-site a minimum of once a month to conduct compliance monitoring. In addition to the compliance inspections required by this Condition of Approval, the Designated Representative and Designated Biologist(s) shall ensure that all other inspections required by the ITP are conducted at the frequencies (i.e., interval, time(s) of day, following weather events) required by other specific Conditions of Approval.</p> | ITP Condition of Approval - <u>Compliance Monitoring</u> | <p>Entire Project</p> <p>On-site daily</p> <p>A minimum of once a month after initial ground disturbing, vegetation removal, clearing, grading, and site preparation activities, and after the temporary water diversion system has been completely installed.</p> | Permittee/ Designated Biologist | |
| 29 | <p>Permittee shall provide CDFW with Monthly Compliance Reports (MCR) no more than 10 days after the end of each month. The Designated Representative or Designated Biologist shall compile the observation and inspection records required by Condition of Approval <u>Compliance Monitoring</u> into a MCR and submit it to CDFW along with a copy of the MMRP table with notes showing the current implementation status of each mitigation measure. MCRs shall also include:</p> <ol style="list-style-type: none"> (1) Covered Activities which occurred during the month; (2) an accounting of the number of acres that have been permanently and temporarily disturbed by the Project both for the month if applicable and the total since ITP issuance; (3) the number of acres of impacts anticipated to occur in the Project Area during the next month if applicable; and (4) a summary of all Pre-Activity Clearance Surveys and compliance monitoring conducted during the month. <p>MCRs shall be submitted to CDFW's Regional Office, Regional Representative, and Headquarters CESA Program. At the time of the ITP's approval, the CDFW Regional Office e-mail is R4CESA@wildlife.ca.gov with a copy to CDFW's Regional Representative Ruby Kwan (Ruby.Kwan@wildlife.ca.gov) and Headquarters CESA Program (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.</p> | ITP Condition of Approval - <u>Monthly Compliance Report</u> | <p>Entire Project</p> <p>No more than 10 days after the end of each month</p> | Permittee | |

| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
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| 30 | Permittee shall provide CDFW with an Annual Status Report (ASR) no later than January 31 of every year beginning with issuance of the ITP and continuing until CDFW accepts the <u>Final Mitigation Report</u> identified below. Each ASR shall include, at a minimum: (1) a summary of all <u>MCRs</u> 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 both temporary and permanent disturbance, both for the prior calendar year and a total since ITP issuance; and (7) information about other Project impacts on the Covered Species. Permittee shall submit ASRs to CDFW's Regional Office, Regional Representative, and Headquarters CESA Program. | ITP Condition of Approval - <u>Annual Status Report</u> | Entire Project No later than January 31 of every year | Permittee | |
| 31 | 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. The Designated Biologist shall include copies of the submitted forms with the next <u>MCR</u> or <u>ASR</u> , whichever is submitted first relative to the observation. | ITP Condition of Approval - <u>CNDDDB Observations</u> | Entire Project Within 60 calendar days | Permittee/ Designated Biologist | |
| 32 | 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(s) or Designated Representative shall provide initial notification to CDFW by calling the Regional Office at (559) 243-4005 and by email to the CDFW's Regional Office (R4CESA@wildlife.ca.gov) and CDFW Representative (Ruby.Kwan@wildlife.ca.gov). The initial notification to CDFW shall include information regarding the location, species, and number of animals taken or injured, name of the CDFW-approved facility where the animal was taken, 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, explanation as to cause of take or injury, provide photographs if possible, and any other pertinent information. | ITP Condition of Approval - <u>Notification of Take or Injury</u> | Entire Project | Permittee/ Designated Biologist | |
| 33 | 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 (e.g., loppers, clippers, pruners) 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 animal burrows/crevices. If the Covered Species or animal burrows/crevices are found, the Designated Biologist and Project workers shall immediately cease all Covered Activities in the vicinity. If the Covered Species is found, the Designated Biologists shall relocate Covered Species from the Project Area in accordance with the CDFW-approved <u>CTS Mortality Reduction and Relocation Plan</u> . If any animal burrows/crevices are found, the Designated Biologist shall implement burrow/crevice avoidance per Condition of Approval <u>Flag Burrows/Crevices and Burrow Avoidance</u> or excavate the burrow/crevice per Condition of Approval <u>CTS Burrow and Crevice Excavation</u> . 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 of Approval - <u>Vegetation Removal</u> | Entire Project On-site daily during initial vegetation removal, clearing, and grubbing activities | Permittee/ Designated Biologist | |

| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
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| 34 | <p>Permittee and/or the Designated Biologist shall check the CTS exclusion fence and refuge areas (e.g. cover boards) daily during initial ground disturbance and vegetation removal activities, and daily when the temporary water diversion system is being installed. After initial ground disturbance and vegetation removal activities and after the temporary water diversion system has been completely installed, the Designated Biologist shall check the CTS exclusion fence a minimum of once a week during the wet season, daily during and following rain events, and frequencies in accordance with the CDFW-approved <u>CTS Mortality Reduction and Relocation Plan</u> for refuge checks during the dry season. If Covered Species are found within the interior fence or refuge areas, the Designated Biologist shall relocate them in accordance with the CDFW-approved <u>CTS Mortality Reduction and Relocation Plan</u>.</p> | <p>ITP Condition of Approval - <u>CTS Exclusion Fence Inspection</u></p> | <p>Entire Project</p> <p>Daily until initial ground disturbance and vegetation removal are complete and the temporary water diversion system has been completely installed</p> <p>A minimum of once a week during the wet season, daily during and following rain events, and frequencies in accordance with the CDFW-approved <u>CTS Mortality Reduction and Relocation Plan</u> for refuge checks during the dry season</p> | <p>Permittee/ Designated Biologist</p> | |
| 35 | <p>Permittee shall maintain and repair the CTS exclusion fence. Repairs shall be made within 24 hours of any discovery that repairs are necessary. Permittee shall ensure that the CTS exclusion fence remains in place and supported sufficiently to maintain its effectiveness under all conditions such as wind and heavy rain. Permittee shall remove all CTS exclusion fencing immediately upon completion of Covered Activities.</p> | <p>ITP Condition of Approval - <u>CTS Exclusion Fence Repair and Removal</u></p> | <p>Entire Project</p> | <p>Permittee</p> | |
| 36 | <p>The Permittee and Designated Biologist shall monitor the National Weather Service 72-hour forecast for the Project Area. Permittee shall cease all Covered Activities in the Project Area where initial ground disturbance and vegetation removal activities has yet to occur during rainfall and/or when a 50 percent or greater chance of rainfall is predicted within 72 hours. Permittee may continue Covered Activities 24 hours after rainfall ceases and there is a zero percent chance of rainfall in the 72-hour forecast. Where initial ground disturbance and vegetation removal has already occurred, Permittee may continue Covered Activities during rainfall only if the Project Area has been previously disturbed <u>and</u> the Project Area (or areas approved by CDFW per the <u>CTS Exclusion Fence Plan</u>) is surrounded by CTS exclusion fencing that is in effective condition and being properly maintained (see Condition of Approval <u>CTS Exclusion Fence Repair and Removal</u>).</p> | <p>ITP Condition of Approval - <u>Rain Forecast</u></p> | <p>Entire Project</p> | <p>Permittee/ Designated Biologist</p> | |

| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
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| 37 | Permittee shall ensure that soil stockpiles and materials are placed where soil, rocks, and material will not pass into Covered Species known or potential aquatic breeding habitat or into any other "Waters of the State". Permittee shall protect stockpiles appropriately to prevent soil erosion during all weather conditions. Permittee shall not place materials outside of the Project Area and staging areas (see Condition of Approval <u>Staging Areas</u>). | ITP Condition of Approval - <u>Soil and Material Stockpiles</u> | Entire Project | Permittee | |
| 38 | The Designated Biologist shall inspect all open holes, sumps, trenches, and other excavations daily and at the beginning of each day during initial ground disturbance and vegetation removal activities and daily when the temporary water diversion system is being installed for any Covered Species that may be trapped. Project workers shall inspect all open holes, sumps, trenches, and other excavations for Covered Species immediately before they are temporarily or permanently back-filled. If any Project worker discovers that Covered Species have become trapped at any point, Project workers shall immediately cease all Covered Activities in the vicinity which could cause further entrapment, or injure or kill the Covered Species, and notify the Designated Biologist. The Designated Biologist and Project workers shall allow Covered Species to move to a safe location unimpeded, if possible, before Covered Activities are allowed to continue. Alternatively, the Designated Biologist may move Covered Species out of harm's way outside of the Project Area and in accordance with the CDFW-approved <u>CTS Mortality Reduction and Relocation Plan</u> . | ITP Condition of Approval - <u>Open Excavations</u> | Entire Project Daily until initial ground disturbance and vegetation removal are complete and the temporary water diversion system has been completely installed Immediately before all open holes, sumps, trenches, and other excavations are backfilled | Permittee/ Designated Biologist | |
| 39 | Permittee shall ensure that all open holes, sumps, trenches, and other excavations are covered or escape ramps are provided to prevent inadvertent entrapment of Covered Species. At the end of each workday, Project workers shall cover all open holes, sumps, trenches, and other excavations of any depth that have sidewalls greater than 1:1 (45 degree) slope with barrier material (e.g., plywood). The outer two feet of the cover shall conform to solid ground so that gaps do not occur between the cover and the ground. The cover shall be secured to prevent gaps such that Covered Species are unable to dig or squeeze under the cover. If any open holes, sumps, trenches, and other excavations cannot be covered, Permittee, in consultation with the Biologist shall provide at least one escape ramp constructed of earthen fill or a non-slip wooden plank with a less than 1:1 (45 degree) slope for each open hole, sump, trench, or other excavation. If a situation is encountered that this measure does not anticipate and alternative methods of preventing entrapment in open holes, sumps, trenches, and other excavations are warranted, Permittee shall request and obtain CDFW's written approval prior to implementing the alternative. The Designated Biologist shall inspect the covers and escape ramps to ensure that covers and ramps are in effective condition, secured, and with no gaps. | ITP Condition of Approval - <u>Covers and Ramps</u> | Entire Project | Permittee/ Designated Biologist | |

| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
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| 40 | Project workers shall inspect under vehicles and equipment for Covered Species before the start of each workday and before vehicles and equipment are moved for any Covered Species that may be utilizing the equipment as temporary shelter. If any Project worker discovers a Covered Species, Project workers shall notify the Designated Biologist. The Designated Biologist and Project workers shall allow Covered Species to move to a safe location unimpeded, if possible, before Covered Activities are allowed to continue. Alternatively, the Designated Biologist may move the Covered Species out of harm's way outside of the Project Area and in accordance with the CDFW-approved <u>CTS Mortality Reduction and Relocation Plan</u> . | ITP Condition of Approval - <u>Vehicle and Equipment Inspection</u> | Entire Project | Permittee/ Designated Biologist | |
| 41 | Permittee shall ensure that all pipes, hoses, conduit, culverts, or similar materials stockpiled or installed in the Project Area be capped or otherwise enclosed at the ends to prevent entry by the Covered Species. Project workers shall thoroughly inspect all construction pipe, culverts, or other similar structures with a diameter of one inch or greater that are stored for one or more overnight periods for the Covered Species before the object is subsequently moved, buried, or capped. If during inspection Covered Species is discovered inside a pipe, culvert, or similar structure, Project workers shall immediately cease all Covered Activities in the vicinity which could injure or kill the Covered Species and notify the Designated Biologist. The Designated Biologist and Project workers shall allow Covered Species to move to a safe location unimpeded, if possible, before Covered Activities are allowed to continue. Alternatively, the Designated Biologist may move the Covered Species out of harm's way outside of the Project Area and in accordance with the CDFW-approved <u>CTS Mortality Reduction and Relocation Plan</u> . | ITP Condition of Approval - <u>Pipes and Other Structures Entrapment Prevention</u> | Entire Project | Permittee/ Designated Biologist | |
| 42 | During all Covered Activities within the Project Area, all Project workers shall inform the Designated Biologist if a Covered Species is observed within or near the Project Area. All work in the vicinity of the observed Covered Species, which could injure or kill the animal, shall cease immediately until it moves from the Project Area of its own accord or the Designated Biologist relocates the Covered Species following the CDFW-approved <u>CTS Mortality Reduction and Relocation Plan</u> . | ITP Condition of Approval - <u>Covered Species Observations</u> | Entire Project | Permittee/ Designated Biologist | |
| 43 | 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 <u>MCRs</u> and <u>ASRs</u> . In addition, the Designated Biologist shall submit this information to CDFW's <u>CNDDDB</u> required by Condition of Approval <u>CNDDDB Observations</u> . | ITP Condition of Approval - <u>Record of CTS Handling and Relocation</u> | Entire Project | Permittee/ Designated Biologist | |

| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
|----|--|---|--------------------------------|--|---------------------------------|
| 44 | If a Covered Species is injured as a result of Project-related activities, the Designated Biologist(s) shall immediately take it to the CDFW-approved wildlife rehabilitation or veterinary facility per the CDFW-approved <u>CTS Mortality Reduction and Relocation Plan</u> . Permittee shall bear any costs associated with the care or treatment of such injured Covered Species. The Designated Representative or Designated Biologist shall notify CDFW of Covered Species injury immediately by telephone and e-mail followed by a written incident report required by Condition of Approval <u>Notification of Take or Injury</u> . | ITP Condition of Approval - <u>Covered Species Injury</u> | Entire Project | Permittee/ Designated Representative/ Designated Biologist | |
| 45 | The Designated Biologist(s) and Designated Monitor(s) shall follow the Fieldwork Code of Practice developed by the Declining Amphibian Populations Task Force at all times (see Attachment 3) to ensure that disease is not conveyed outside of the Project Area. The Designated Biologist(s) and Designated Monitor(s) may substitute a bleach solution (0.5 to 1.0 cup of bleach to 1.0 gallon of water) for the ethanol solution. The Designated Biologist(s) and Designated Monitor(s) shall take care so that all traces of the disinfectant are removed before entering the next aquatic habitat. | ITP Condition of Approval - <u>Fieldwork Code of Practice</u> | Entire Project | Permittee/ Designated Biologist | |
| 46 | Permittee shall not discharge any water pumped from the Project Area to potential Covered Species upland and breeding habitat within or adjacent to the Project Area. Permittee shall ensure that any pumps/pump intakes used for temporary water diversion will be screened with wire mesh no larger than 5 millimeters. Permittee shall place pump intakes within a perforated bucket or other method that reduces suction to prevent the Covered Species from entering the pump system. Permittee shall remove temporary diversion structures and supportive material immediately after Project construction is completed or when temporary diversion structures and supportive material are no longer needed for the Project. | ITP Condition of Approval – <u>Temporary Water Diversion</u> | Entire Project | Permittee | |
| 47 | Permittee shall restrict all Project activities to daylight hours defined as that daytime period between sunrise and sunset except to conduct any emergency work where potential for harm to persons, property, or the environment exists and requires expedited action to remedy the situation to avoid such risks. Permittee shall notify CDFW and the Designated Biologist of emergency activities as soon as possible and in accordance with the with the CDFW-approved <u>CTS Mortality Reduction and Relocation Plan</u> . The first day that it is safe to enter the emergency work area, the Designated Biologist shall conduct compliance inspections in accordance with Condition of Approval <u>Compliance Monitoring</u> . | ITP Condition of Approval – <u>Work Timing</u> | Entire Project | Permittee | |
| 48 | Permittee shall avoid nonessential nighttime lighting and limit the use of artificial nighttime lighting while conducting Covered Activities. Permittee shall ensure that all nighttime lighting (i.e., headlights and overhead lights) are cast downward and directed away from surrounding habitat and open space, reduced in intensity to the greatest extent possible, and does not result in lighting trespass, including glare, into surrounding habitat and open space or upward into the night sky. | ITP Condition of Approval - <u>Nighttime Lighting</u> | Entire Project | Permittee | |
| 49 | Permittee shall properly dispose of organic material and debris off site. Permittee shall not broadcast vegetation that will be removed, use organic material as mulch or ground cover, or otherwise placed on top Covered Species habitat anywhere within or adjacent to the Project Area. All non-native plants that are removed shall be bagged and disposed off site. | ITP Condition of Approval - <u>Disposal of Organic Material</u> | Entire Project | Permittee | |

| | Mitigation Measure | Source | Implementation Schedule | Responsible Party | Status / Date / Initials |
|--------------------------|---|---|---|--------------------------|---------------------------------|
| 50 | Permittee shall submit a final seed mix to CDFW for review and approval prior to hydroseeding within the Project Area. Permittee shall restore all areas temporarily impacted within the Project Area to approximate original grade and revegetate all areas temporarily impacted with the CDFW-approved Final Seed Mix to approximate pre-Project conditions. | ITP Condition of Approval - <u>Restoration of Temporary Impacts</u> | Prior to hydroseeding within the Project Area Entire Project | Permittee | |
| 51 | Permittee shall submit a final restoration plan to CDFW prior to installing plants and seeding within the restoration areas. Permittee shall install LSAA mitigation plantings the fall/winter season following the end of construction, not to exceed one year following construction. Permittee shall submit a Vegetation Planting Map within 30 days following the installation of plantings to show the location and species of each plant that was installed. | ITP Condition of Approval - <u>LSAA Mitigation Plantings</u> | Entire Project | Permittee | |
| 52 | Permittee shall not use pesticides including but not limited to herbicides, rodenticides, and insecticides within the Project Area for the term of the ITP. If pesticides must be used, Permittee shall consult with CDFW and obtain written approval from CDFW before any pesticide use. | ITP Condition of Approval - <u>Pesticide Use Prohibited</u> | Entire Project | Permittee | |
| POST-CONSTRUCTION | | | | | |
| 53 | Upon completion of Covered Activities, Permittee shall remove from the Project Area and properly dispose of all temporary fill 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 of Approval - <u>Refuse Removal</u> | Upon completion of Covered Activities | Permittee | |
| 54 | 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) a summary of all <u>MCRs</u> and <u>ASRs</u> ; (2) a copy of the table in the MMRP with notes showing when each of the mitigation measures was implemented; (3) a summary of restoration activities in areas temporarily impact by the Project and total acreage restored; (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 the ITP's Conditions of Approval in minimizing and fully mitigating Project impacts of the taking on the 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 of Approval - <u>Final Mitigation Report</u> | No later than 45 days after completion of all mitigation measures | Permittee | |
| 55 | CDFW accepts as complete the Permittee's Final Mitigation Report required by the ITP. | | Upon completion of Covered Activities | CDFW | |

Biologist/Botanist Resume Submittal Cover Sheet

Project Name: _____

ITP Number: _____

****Please submit each resume as a separate file. Use of this cover sheet will expedite CDFW review.**

****Please provide the names of up to ten individuals in the order you would like CDFW to review for approval.**

Number of resumes included in Transmittal: _____

| | Name | Requested Role ¹ | Covered Species | COA #(s) to implement (Monitor only) ² |
|----|------|---|-----------------|---|
| 1 | | <input type="checkbox"/> Designated Biologist <input type="checkbox"/> Designated Monitor <input type="checkbox"/> Both | | |
| 2 | | <input type="checkbox"/> Designated Biologist <input type="checkbox"/> Designated Monitor <input type="checkbox"/> Both | | |
| 3 | | <input type="checkbox"/> Designated Biologist <input type="checkbox"/> Designated Monitor <input type="checkbox"/> Both | | |
| 4 | | <input type="checkbox"/> Designated Biologist <input type="checkbox"/> Designated Monitor <input type="checkbox"/> Both | | |
| 5 | | <input type="checkbox"/> Designated Biologist <input type="checkbox"/> Designated Monitor <input type="checkbox"/> Both | | |
| 6 | | <input type="checkbox"/> Designated Biologist <input type="checkbox"/> Designated Monitor <input type="checkbox"/> Both | | |
| 7 | | <input type="checkbox"/> Designated Biologist <input type="checkbox"/> Designated Monitor <input type="checkbox"/> Both | | |
| 8 | | <input type="checkbox"/> Designated Biologist <input type="checkbox"/> Designated Monitor <input type="checkbox"/> Both | | |
| 9 | | <input type="checkbox"/> Designated Biologist <input type="checkbox"/> Designated Monitor <input type="checkbox"/> Both | | |
| 10 | | <input type="checkbox"/> Designated Biologist <input type="checkbox"/> Designated Monitor <input type="checkbox"/> Both | | |

Reviewed and submitted by: _____ Date: _____
Permittee or Designated Representative

¹ Requested roles correspond to the biological staffing requirements indicated in the Incidental Take Permit (ITP). Roles may include a "Designated Biologist" with the necessary experience to survey for special-status species or a "Designated Monitor" with the necessary experience to monitor construction activities for special-status species. More than one role may be requested for an individual.
² Please contact the Regional Representative specified in the ITP with any questions about the Condition of Approval numbers for Designated Monitors.

***** Please Note: While use of this form is not mandatory, CDFW strongly recommends completing this form as it will ensure the receipt of adequate information and expedite CDFW review of biologist's qualifications. By submitting your resume for review and approval, you are acknowledging that you have received a copy of the ITP, have read it, and understand the role of a Designated Biologist (DB) and Designated Monitor (DM) and the responsibilities of a DB or DM required by the ITP. *****

Name of Biologist & Contact Information

Education: (include year graduated)

Training/Workshops: (be prepared to provide copies of certificates upon request; these should be related to the Covered Species (or similar species) in the Incidental Take Permit)

Certifications: (please provide any copies of a CDFW Scientific Collecting Permit, MOU, or USFWS 10(a)(1)(A)) permit; these should be related to the Covered Species (or similar species) in the Incidental Take Permit)

Species Name #1: (Example: California Tiger Salamander)

Project Name #1 (list the information below for all projects (separately) where biologist worked with this species; projects may be listed more than once under each separate species and please only include projects on the resume that demonstrate experience with the Covered Species (or similar species) in the ITP)

Location:

Project date completed: To and from date (month and year)

Incidental Take Permit (ITP) # (and Other Agency Permits):

Lead biologist Information: Name and contact information (phone number and email address)

Reference: Name and contact information, if different from above (phone number and email address)

Work description:

Estimated Survey Hours:

Estimated Monitoring Hours:

Individuals Observed: # of adults and # of juveniles

Individuals Handled: # of adults and # of juveniles

Burrows Excavated:

Project Name #2

Location:

Project date completed: To and from date

Incidental Take Permit # (and Other Agency Permits):

Lead biologist Information: Name and contact information (phone number and email address)

Reference: Name and contact information, if different from above (phone number and email address)

Work description:

Estimated Survey Hours:

Estimated Monitoring Hours:

Individuals Observed: # of adults and # of juveniles

Individuals Handled: # of adults and # of juveniles

Burrows Excavated:

Species Name #2: (Example: Similar or related species to CTS)

Project Name #1 (list the information below for all projects (separately) where biologist worked with this species; projects may be listed more than once under each separate species and please only include projects on the resume that demonstrate experience with the Covered Species (or similar species) in the ITP)

Location:

Project date completed: To and from date (month and year)

Incidental Take Permit (ITP) # (and Other Agency Permits):

Lead biologist Information: Name and contact information (phone number and email address)

Reference: Name and contact information, if different from above (phone number and email address)

Work description:

Estimated Survey Hours:

Estimated Monitoring Hours:

Individuals Observed: # of adults and # of juveniles

Individuals Handled: # of adults and # of juveniles

Burrows Excavated:

Include any other relevant experience with the Covered Species (or related species) or implementation of Conditions of Approval in the ITP (for example: species relocation, etc.)

Attachment 3

The Declining Amphibian Task Force Fieldwork Code of Practice

A code of practice, prepared by the Declining Amphibian Task Force (DAPTF) to provide guidelines for use by anyone conducting field work at amphibian breeding sites or in other aquatic habitats. Observations of diseased and parasite-infected amphibians are now being frequently reported from sites all over the world. This has given rise to concerns that releasing amphibians following a period of captivity, during which time they can pick up unapparent infections of novel disease agents, may cause an increased risk of mortality in wild populations. Amphibian pathogens and parasites can also be carried in a variety of ways between habitats on the hands, footwear, or equipment of fieldworkers, which can spread them to novel localities containing species which have had little or no prior contact with such pathogens or parasites. Such occurrences may be implicated in some instances where amphibian populations have declined. Therefore, it is vitally important for those involved in amphibian research (and other wetland/pond studies including those on fish, invertebrates and plants) to take steps to minimize the spread of disease and parasites between study sites.

1. Remove mud, snails, algae, and other debris from nets, traps, boots, vehicle tires and all other surfaces. Rinse cleaned items with sterilized (e.g. boiled or treated) water before leaving each study site.
2. Boots, nets, traps, etc., should then be scrubbed with 70% ethanol solution (or sodium hypochlorite 3 to 6%) and rinsed clean with sterilized water between study sites. Avoid cleaning equipment in the immediate vicinity of a pond or wetland.
3. In remote locations, clean all equipment as described above upon return to the lab or "base camp". Elsewhere, when washing machine facilities are available, remove nets from poles and wash with bleach on a "delicates" cycle, contained in a protective mesh laundry bag.
4. When working at sites with known or suspected disease problems, or when sampling populations of rare or isolates species, wear disposable gloves and change them between handling each animal. Dedicate sets of nets, boots, traps, and other equipment to each site being visited. Clean and store them separately and the end of each field day.
5. When amphibians are collected, ensure the separation of animals from different sites and take great care to avoid indirect contact between them (e.g. via handling, reuse of containers) or with other captive animals. Isolation from un-sterilized plants or soils which have been taken from other sites is also essential. Always use disinfected/disposable husbandry equipment.
6. Examine collected amphibians for the presence of diseases and parasites soon after capture. Prior to their release or the release of any progeny, amphibians should be quarantined for a period and thoroughly screened for the presence of any potential disease agents.
7. Used cleaning materials (liquids, etc.) should be disposed of safely and if necessary taken back to the lab for proper disposal. Used disposable gloves should be retained for safe disposal in sealed bags.