



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

California Endangered Species Act
Incidental Take Permit No. 2081-2017-002-04

LINE 103 RIGHT OF WAY MAINTENANCE PROJECT

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 CDFW may authorize the take of any such species by permit if the conditions set forth in Fish and Game Code section 2081, subdivisions (b) and (c) are met. (See Cal. Code Regs., tit. 14, § 783.4).

Permittee:	Southern California Gas Company
Principal Officer:	Elod Nemeth, Project Manager
Contact Person:	Molly Peters, (213) 200-4581
Mailing Address:	9400 Oakdale Avenue, SC9314 Chatsworth, California 91311

Effective Date and Expiration Date of this ITP:

This ITP shall be executed in duplicate original form and shall become effective once a duplicate original is acknowledged by signature of the Permittee on the last page of this ITP and returned to CDFW's Habitat Conservation Planning Branch at the address listed in the Notices section of this ITP. Unless renewed by CDFW, this ITP's authorization to take the Covered Species shall expire on **July 1, 2021**.

Notwithstanding the expiration date on the take authorization provided by this ITP, Permittee's obligations pursuant to this ITP do not end until CDFW accepts as complete the Permittee's Final Mitigation Report required by Condition of Approval 6.9 of this ITP.

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.

Project Location:

The Line 103 Right of Way (ROW) Maintenance Project (Project) is located in the southern San Joaquin Valley, approximately 10 miles southwest of the City of Bakersfield, in Kern County, California. The Project extends from approximately 2.2 miles southeast of the community of Tupman southwest to approximately 1.2 miles northeast of the community of Derby Acres (Figure 1). Portions of the Project are located both north and south of Highway 119, near its intersection with Tupman Road. The approximate center of the Project is Latitude 35.25203°N, Longitude -119.32363°W. A large portion of the Project occurs within the Coles Levee Ecosystem Preserve (CLEP) and adjacent to CDFW's Elk Hills Ecological Reserve (ER), but no Project activities will occur within the ER. The Project is specifically within the United States Geological Survey (USGS) 7.5-Minute Quadrangle Maps Tupman and Buena Vista Lake Bed in Township 30 South, Range 25 East, Sections 31 and 32; Township 31 South, Range 25 East, Sections 05, 06, 07, 08, and 17; and Township 31 South, Range 24 East, Sections 12 and 13, Mount Diablo Base and Meridian (Figures 2.1 – 2.8).

Project Description:

The purpose of the Project is to (1) repair two segments of the 10-inch natural gas pipeline (Line) 103 located at Mile Post (MP) 1.39 and MP 2.20 that have been exposed due to erosion; and (2) repair and regrade 3.2 miles of ROW access roads for Line 103 in order to access those repair locations and conduct inspections of the entire Line.

Pipe Exposure Repairs

Repair activities at MP 1.39 and MP 2.20 include an inspection of the pipe to determine the integrity of the steel pipe. In order to perform inspections, a work crew of approximately 10 persons will excavate soil using heavy equipment providing a full circumference exposure of the pipeline segment, remove the existing pipe wrap, and perform an integrity inspection test using hand tools and electronic instrumentation to detect pipe anomalies. The MP 1.39 excavation area will be 160 linear feet by 8 feet wide by 5 feet deep and the MP 2.20 excavation area will be 40 linear feet by 8 feet wide by 5 feet deep. Based on the findings of the inspection, any pipeline section that fails the integrity testing will be repaired by welding a metal sleeve over the anomaly or a pipe segment will be replaced by cutting away a segment and welding in place a new pipe segment to ensure pipeline integrity is in accordance with the United States Department of Transportation Pipeline Hazardous Materials and Safety Administration requirements.

Upon completion of the inspection and any necessary repair, a fusion-bonded epoxy pipeline wrap will be applied over the pipeline in the repair/inspection area, then covered with a woven geotextile material to provide additional insulating protection to the pipe prior to reburying the pipe with up to 400 cubic yards of native fill material. The exposure repair areas will also be

Incidental Take Permit
No. 2081-2017-002-04
SOUTHERN CALIFORNIA GAS COMPANY
LINE 103 ROW MAINTENANCE PROJECT

covered with a series of 8-foot by 20-foot pre-cast articulated concrete revetment mattresses due to their shallow depth and locations within areas subject to additional erosion as well as water bars with rock outfalls and rock slope protection (RSP) to prevent future erosion. Rock to be used is size D50, or 12 inches. The MP 1.39 location will require a total of 33 revetment mattresses, three water bar rock outfall areas totaling approximately 307 square feet and placement of 34 cubic yards of rock, an approximately 711-square foot rock trench with 79 cubic yards of rock, and an approximately 200 square foot rock subgrade area with 22 cubic yards of rock. The MP 2.20 location will require 5 mattresses and placement of approximately 214 square feet (24 cubic yards) of RSP upstream and approximately 1,037 square feet (115 cubic yards) of RSP downstream of the mattresses. Two staging areas for equipment and materials for each of the pipe repair locations will be located on existing disturbed habitat: up to 0.161 acre for the MP 1.39 location and up to 0.069 acre for the MP 2.20 location.

Access Road Grading

Surface road maintenance includes regrading approximately 3.2 miles of existing dirt access road. Road grading activities may occur adjacent to CDFW's ER property but will not occur within the boundaries of the ER. The purpose of the access road is to provide regular inspection access over the pipeline right-of-way and to provide access for any necessary pipeline repairs. These segments of the Line 103 right-of-way access road has experienced degradation from storm-related damage, hillside erosion, and vegetation overgrowth due the lack of routine maintenance. The existing road, vehicle turnouts, and shoo-fly roads (shoo-fly roads are spur roads often up to 50 feet in length to pipe spans, pipe appendages, or connecting roads) will be repaired by grading to a depth of up to 3 inches without altering its designated footprint of up to 15-foot wide road with periodic turnouts allowing maintenance vehicle turn around. No fill material import is anticipated, nor will it be required as any repair of erosion rills that require fill would be achieved through surface grading the existing roadbed for materials.

In total, the Project will occur within an area of 7.49 acres for the pipe exposure repairs, staging areas, and access road grading. The Project is anticipated to result in approximately 3.54 acres of permanent and temporary disturbance. Approximately 0.1 acre will be permanently disturbed where the revetment mattresses, rock outfall, and RSP are placed at the pipe exposure repair locations, approximately 3.44 acres will be temporarily disturbed for the pipe exposure repairs, staging areas, and access road grading, and 3.95 acres are within existing disturbed roadway.

As described above, a large portion of the Project occurs within the CLEP. All Project activities occurring within the CLEP will be conducted in compliance with all applicable conditions of the CLEP Conservation Easement to which CDFW is Grantee. It is anticipated

Incidental Take Permit
No. 2081-2017-002-04
SOUTHERN CALIFORNIA GAS COMPANY
LINE 103 ROW MAINTENANCE PROJECT

that the inspection and repair of each location will take between six and eight weeks depending on weather conditions and whether the pipe repair requires replacement, banding, or the minimal inspection, re-coating, and backfilling. Access to the Project will be from existing dirt roads. All temporary access, staging, stockpile and other temporarily disturbed areas will be stabilized and returned to pre-construction conditions, including installation of erosion control blankets and application of seed. Equipment to be used includes: track-hoe, backhoe, motor grader, water truck, side boom, crane or heavy lift, gang truck, flatbed truck, welding truck, pickup truck, portable generators and air compressors, crew trucks and portable restrooms.

Covered Species Subject to Take Authorization Provided by this ITP:

This ITP covers the following species:

Name	CESA Status
1. San Joaquin antelope squirrel (<i>Ammospermophilus nelsoni</i>)	Threatened ³
2. San Joaquin kit fox (<i>Vulpes macrotis mutica</i>)	Threatened ⁴

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

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: clearing; grubbing; removing vegetation; grading; excavating; removing existing pipeline coating; cutting and removing existing pipeline segments; installing replacement pipeline segments or sleeves; welding; installing new fusion-bonded epoxy pipeline wrap; installing woven geotextile material; compacting soil; installing revetment mattresses, water bars, rock outfall, and rock slope protection; materials laydown and storage; heavy equipment storage; transporting construction materials and other Project-related traffic; site restoration; and other activities described in the Project Description section of 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 den or burrow collapse that results in crushing or suffocation of underground individuals during vegetation removal, grubbing, cut/fill, grading, compaction, and excavation; entombment of individuals from deposition of rock, stockpiled material, or spoils over occupied burrows; entrapment and burial within uncovered excavations; crushing by equipment; and vehicle/equipment strikes from Project-related

³See Cal. Code Regs. tit. 14 § 670.5, subd. (b)(6)(B).

⁴See Cal. Code Regs. tit. 14 § 670.5, subd. (b)(6)(E).

traffic during construction activities. Incidental take of individuals of the Covered Species may also occur from the Covered Activities in the form of pursue, catch, capture of the Covered Species is also expected through the entrapment in trenches and excavations, uncovering Covered Species through the excavation of burrow systems, by corralling Covered Species into a confined area when barrier fencing is constructed around the Project Area, and when individuals of the Covered Species are 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: pipeline exposure repair areas, staging areas, access road grading areas, and access routes (collectively, the Project Area).

The Project is expected to cause the permanent loss of 0.10 acre of habitat for the Covered Species and the temporary loss of 3.44 acres of habitat for the Covered Species (Table 1). Approximately 2.40 acres of the total Project impacts will occur within the Coles Levee Ecosystem Preserve (Table 2).

Table 1: Summary of Total Impacts to Covered Species Habitat

Project Component	Vegetation Community	Temporary Impacts (ac)	Permanent Impacts (ac)
Access Road	Annual Grassland	1.58	--
	Saltbush Scrub	1.04	--
Staging and Laydown	Annual Grassland	--	--
	Saltbush Scrub	0.17	--
Excavation	Annual Grassland	0.57	--
	Saltbush Scrub	0.08	--
Revetment Mattresses/Rock Outfall/RSP	Annual Grassland	--	0.07
	Saltbush Scrub	--	0.03
TOTAL		3.44	0.10

Incidental Take Permit
No. 2081-2017-002-04
SOUTHERN CALIFORNIA GAS COMPANY
LINE 103 ROW MAINTENANCE PROJECT

Table 2. Summary of Impacts to Covered Species Habitat within Coles Levee Ecosystem Preserve (Subset of Total in Table 1)

Project Component	Vegetation Community	Temporary Impacts (ac)	Permanent Impacts (ac)
Access Road	Annual Grassland	0.73	--
	Saltbush Scrub	0.75	--
Staging and Laydown	Annual Grassland	--	--
	Saltbush Scrub	0.17	--
Excavation	Annual Grassland	0.57	--
	Saltbush Scrub	0.08	--
Revetment Mattresses/Rock Outfall/RSP	Annual Grassland	--	0.07
	Saltbush Scrub	--	0.03
TOTAL		2.30	0.10

Impacts of the authorized taking also include adverse impacts to the Covered Species related to temporal losses, increased habitat fragmentation and edge effects, and the Project's incremental contribution to cumulative impacts (indirect impacts). These impacts include: stress resulting from noise and vibrations from ground disturbance, equipment operation, and traffic; stress resulting from capture and relocation; increased exposure or stress from disorientation; introduction or spread of invasive species; and long-term effects due to displacement from preferred habitat, loss of foraging habitat, changes in drainage patterns that favor different vegetative growth, increased pollution, increased competition for food and space, loss of burrowing habitat used for shelter, reproduction, and escape cover, and increased vulnerability to disease and predation. Individuals displaced due to habitat loss and degradation may be unable to survive in adjacent areas if these areas are at carrying capacity or are unsuitable for colonization. Authorized take of the Covered Species is expected to occur throughout the entire Project Area.

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.

Incidental Take Permit
No. 2081-2017-002-04
SOUTHERN CALIFORNIA GAS COMPANY
LINE 103 ROW MAINTENANCE PROJECT

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. To specify language included in specific Conditions of Approval provided below, the “Work Area(s)” are further defined from the overall Project Area, to include the two Pipe Exposure Repair sites, associated staging areas, and the Access Road Grading areas that have vegetation and/or small mammal burrows present. Work Area is not to include the Access Road Grading areas void of vegetation and/or small mammal burrows. CDFW’s issuance of this ITP and Permittee’s authorization to take the Covered Species are subject to Permittee’s compliance with and implementation of the following Conditions of Approval:

1. **Legal Compliance:** Permittee shall comply with all applicable federal, state, and local laws in existence on the effective date of this ITP or adopted thereafter.
2. **ESA Compliance:** Permittee shall implement and adhere to the terms and conditions related to the Covered Species in any Biological Opinion 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.
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. 1600-2018-0200-R4) for the Project executed by CDFW pursuant to Fish and Game Code section 1600 et seq.
4. **ITP Time Frame Compliance:** Permittee shall fully implement and adhere to the conditions of this ITP within the time frames set forth below and as set forth in the Mitigation Monitoring and Reporting Program (MMRP), which is included as Attachment 1 to this ITP.

5. General Provisions:

- 5.1. Designated Representative. Before starting Covered Activities, Permittee shall designate a representative (Designated Representative) responsible for communications with CDFW and overseeing compliance with this ITP. Permittee shall notify CDFW in writing before starting Covered Activities of the Designated Representative’s name, business address, and contact information, and shall notify CDFW in writing if a substitute Designated Representative is selected or identified at any time during the term of this ITP.

Incidental Take Permit
No. 2081-2017-002-04
SOUTHERN CALIFORNIA GAS COMPANY
LINE 103 ROW MAINTENANCE PROJECT

- 5.2. Designated Biologist.** Permittee shall submit in writing to CDFW for approval the name, qualifications, business address, and contact information of the proposed Designated Biologist within five (5) calendar days of issuance of this ITP. The Designated Biologist 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) in writing before starting Covered Activities and shall also obtain approval in advance in writing if a Designated Biologist must be changed. Permittee shall ensure that the Designated Biologist is knowledgeable and experienced in the biology and natural history of the Covered Species. In addition, Permittee shall provide to CDFW the Designated Biologist's experience on collecting and handling small mammal species, including San Joaquin antelope squirrel (SJAS), burrow excavation experience, as well as experience in the eviction and excavation of dens actively being used by San Joaquin kit fox (SJKF), and monitoring construction activities following the Conditions of Approval of an ITP for the Covered Species. Permittee has the option of utilizing a Designated Monitor to assist the Designated Biologist in compliance monitoring under direction/supervision of the Designated Biologist. If Permittee chooses to utilize a Designated Monitor, the Permittee shall submit in writing to CDFW for approval the name, qualifications, business address, contact information, and references of the proposed Designated Monitor. Designated Monitors assist the Designated Biologist as specified in advance and approved in writing by CDFW.
- 5.3. Designated Biologist/Designated Monitor Authority.** To ensure compliance with the Conditions of Approval of this ITP, the Designated Biologist and Designated Monitor shall have authority to immediately stop any activity that does not comply with this ITP, and/or to order any reasonable measure to avoid the unauthorized take of an individual of the Covered Species.
- 5.4. Education Program.** Permittee shall conduct an education program for all persons employed or otherwise working in the Project Area before they are authorized to perform any work. The program shall consist of a presentation from the Designated Biologist for the Covered Species that includes a discussion of the biology and general behavior of the Covered Species, information about the distribution and habitat needs of the Covered Species, sensitivity of the Covered Species to human activities, its status pursuant to CESA including legal protection, recovery efforts, penalties for violations and Project-specific protective measures described in this ITP. Permittee shall provide interpretation for non-English speaking workers, and the same instruction shall be provided to any new workers before they are

authorized to perform work in the Project Area. Permittee shall prepare and distribute wallet-sized cards or a fact sheet handout containing this information for workers to carry in the Project Area. Upon completion of the program, employees shall sign a form stating they attended the program and understand all protection measures. This training shall be repeated at least once annually for long-term and/or permanent employees that will be conducting work in the Project Area.

- 5.5. Construction Monitoring Notebook.** The Designated Biologist shall maintain a construction-monitoring notebook on site 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 notebook is available for review at the Project Area upon request by CDFW.
- 5.6. Trash Abatement.** Permittee shall initiate a trash abatement program before starting Covered Activities and shall continue the program for the duration of the Project. Permittee shall ensure that trash and food items are contained in animal-proof containers and removed at least once a week to avoid attracting opportunistic predators such as ravens, coyotes, and feral dogs.
- 5.7. Dust Control.** Permittee shall implement dust control measures during Covered Activities to facilitate visibility for monitoring of the Covered Species by the Designated Biologist. Permittee shall keep the amount of water used to the minimum amount needed and shall not allow water to form puddles. Permittee shall not apply dust suppressant, surfactant, soil binders, or stabilizer products that may be harmful to Covered Species. Permittee shall obtain written approval from CDFW before applying any dust suppressant, surfactant, soil binders, or stabilizer products. Permittee shall provide all available documentation of each product's safety or hazards to wildlife to CDFW with any such request for approval.
- 5.8. Erosion Control Materials.** Permittee shall prohibit use of erosion control materials potentially harmful to Covered Species and other species, such as monofilament netting, photodegradable mesh (erosion control matting) or similar material, in potential Covered Species' habitat. Permittee shall only deploy erosion control mats, blankets, or coir rolls that consist of only natural-fiber, biodegradable materials.
- 5.9. Dogs.** Permittee shall prohibit domestic dogs from the Project Area and site access routes during Covered Activities, except those in the possession of authorized security personnel or local, State, or federal law enforcement officials.

- 5.10. Wildfire Avoidance.** Permittee or Permittee's contractors shall minimize the potential for human-caused wildfires by carrying water or fire extinguishers and shovels in all Project-related vehicles and equipment. The use of shields, protective mats, or use of other fire preventative methods shall be used during grinding and welding to minimize the potential for fire. Personnel shall be trained regarding the fire hazard for wildlife as part of the worker education program described in Condition of Approval 5.4.
- 5.11. Delineation of Property Boundaries.** Permittee shall clearly delineate the boundaries of each Work Area within the Project Area where the Covered Activities will occur for that Project phase, with fencing, stakes, or flags before starting Covered Activities along any part of the route in active construction. Permittee shall restrict all Covered Activities to within the fenced, staked, or flagged Work Area. Permittee shall maintain all fencing, stakes, and flags until the completion of Covered Activities in each Work Area.
- 5.12. Delineation of Habitat.** Permittee shall clearly delineate habitat of the Covered Species within the Project Area with posted signs, posting stakes, flags, and/or rope or cord, and place fencing as necessary to minimize the disturbance of Covered Species' habitat.
- 5.13. 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. Permittee shall ensure that vehicle speeds do not exceed 15 miles per hour to avoid Covered Species on or traversing the roads. If Permittee determines construction of routes for travel are necessary outside of the Project Area, the Designated Representative shall contact CDFW for written approval before carrying out such an activity. CDFW may require an amendment to this ITP, among other reasons, if additional take of Covered Species will occur as a result of the Project modification.
- 5.14. Staging Areas.** Permittee shall confine all Project-related parking, storage areas, laydown sites, equipment storage, and any other surface-disturbing activities to the Project Area using, to the extent possible, previously disturbed areas. Additionally, Permittee shall not use or cross Covered Species' habitat outside of the marked Project Area unless provided for as described in Condition of Approval 5.11 of this ITP.
- 5.15. Hazardous Waste.** Permittee shall immediately stop and, pursuant to pertinent state and federal statutes and regulations, arrange for repair and clean up by

Incidental Take Permit
No. 2081-2017-002-04
SOUTHERN CALIFORNIA GAS COMPANY
LINE 103 ROW MAINTENANCE PROJECT

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

- 5.16. CDFW Access.** Permittee shall provide CDFW staff with reasonable access to the Project and mitigation lands under Permittee control and shall otherwise fully cooperate with CDFW efforts to verify compliance with or effectiveness of mitigation measures set forth in this ITP.
- 5.17. 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.
- 5.18. Rodenticide Use.** Permittee shall prohibit the use of rodenticides in the Project Area.

6. Monitoring, Notification and Reporting Provisions:

- 6.1. Notification Before Commencement.** The Designated Representative shall notify CDFW at least three (3) calendar days before starting Covered Activities and shall document compliance with all pre-Project Conditions of Approval in the notification before starting Covered Activities. Upon receipt of the notification, if CDFW determines that all pre-Project Conditions of Approval are complete, CDFW may, in its discretion, authorize Covered Activities to start sooner than three (3) days after its receipt of the notification.
- 6.2. Notification of Non-compliance.** The Designated Representative or Designated Biologist shall immediately notify CDFW in writing (e-mail will suffice) if it determines that 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 or Designated Biologist shall report any non-compliance with this ITP to CDFW within 24 hours.
- 6.3. SJAS Mortality Reduction and Relocation Plan.** Permittee shall submit a SJAS Mortality Reduction and Relocation Plan to CDFW prior to the start of Covered Activities. Burrow excavation and relocation activities shall not proceed until the relocation plan has been approved in writing by CDFW's Regional Representative.

Incidental Take Permit
No. 2081-2017-002-04
SOUTHERN CALIFORNIA GAS COMPANY
LINE 103 ROW MAINTENANCE PROJECT

The SJAS Mortality Reduction and Relocation Plan shall include, but not be limited to, timing; detailed description of burrow excavation methods; release location(s); detailed release methods (i.e., soft release, hard release, or another method); artificial burrow design and installation methods; description of exclusion fencing type and implementation; and identification of a wildlife rehabilitation center or veterinary facility for injured animals. Only the Designated Biologist is authorized to capture, handle, and relocate SJAS. Once the SJAS Mortality Reduction and Relocation Plan is approved in writing by CDFW, it shall be used for all SJAS mortality reduction activities for the duration of this ITP. Any proposed changes to the CDFW-approved SJAS Mortality Reduction and Relocation Plan shall be submitted in writing to CDFW and approved by CDFW in writing prior to implementation of any proposed SJAS Mortality Reduction and Relocation Plan modifications.

- 6.4. SJKF Den Replacement Plan.** Permittee shall submit a SJKF Den Replacement Plan to CDFW prior to the beginning of Covered Activities. Covered Activities within the Project Area may not proceed until the SJKF Den Replacement Plan is approved in writing by CDFW's Regional Representative. The SJKF Den Replacement Plan shall include, but not be limited to, a discussion and map of potential artificial den replacement locations; detailed description of the den excavation methods; description of the replacement den dimensions (e.g., depth and width of den, width of den entrance, number of and placement of entrances to natal dens); and replacement den design and installation methods. Once the SJKF Den Replacement Plan is approved by CDFW, it may be used for the duration of the ITP. Any proposed changes to the SJKF Den Replacement Plan shall be submitted in writing to CDFW and approved by CDFW in writing prior to implementation of any proposed SJKF Den Replacement Plan modifications.
- 6.5. Compliance Monitoring.** The Designated Biologist shall be on-site for the duration of the day when Covered Activities occur. The Designated Biologist shall conduct compliance inspections to (1) minimize incidental take of the Covered Species; (2) prevent unlawful take of species; (3) check for compliance with all measures of this ITP; (4) check all no-disturbance exclusion buffers; and (5) ensure that signs, stakes, and fencing are intact, and that Covered Activities are only occurring within the discrete Project Area. The Designated Representative or Designated Biologist 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. The Designated Biologist shall conduct daily compliance inspections during active construction. The Designated Biologist shall conduct compliance inspections a

Incidental Take Permit
No. 2081-2017-002-04
SOUTHERN CALIFORNIA GAS COMPANY
LINE 103 ROW MAINTENANCE PROJECT

minimum of once per week during periods of inactivity and after clearing, grubbing, excavation, and grading are completed.

- 6.6. Record of Covered Species Relocated.** The Designated Biologist shall maintain a record of all Covered Species handled and observed. This information shall include for each animal: (1) the locations (Global Positioning System (GPS) coordinates and maps) and time of capture and/or observation as well as release; (2) sex; (3) approximate age (adult/juvenile) and reproductive condition; (4) weight; (5) general condition and health, noting all visible conditions including gait and behavior, diarrhea, emaciation, salivation, hair loss, ectoparasites, and injuries; and (6) ambient temperature when handled and released. The Designated Biologist shall prepare a Relocation Summary and include it in the Monthly Compliance Report described in Condition of Approval 6.7 below. The Relocation Summary in the Final Mitigation Report described in Condition of Approval 6.9 below shall include cumulative results, analysis of data collected, and conclusions.
- 6.7. Monthly Compliance Report.** The Designated Representative or Designated Biologist shall compile the observation and inspection records identified in Conditions of Approval 6.5 and 6.6 above into a Monthly Compliance Report and submit it to CDFW along with a copy of the MMRP table with notes showing the current implementation status of each mitigation measure. Monthly Compliance Reports shall also include an accounting of the number of acres that have been permanently and temporarily disturbed by the Project, both for the prior month, and the total since ITP issuance, if applicable; the number of acres of habitat disturbance anticipated to occur in the Project Area during the coming month, if applicable; a summary of all pre-activity surveys and compliance monitoring conducted during the previous month; and the activities authorized under the Covered Activities which occurred during the previous month. Monthly Compliance Reports shall be submitted via e-mail to CDFW's Regional Representative, CDFW's Regional Office, and Headquarters CESA Program no later than the 15th of each month following the first month after Covered Activities have commenced. At the time of this ITP's approval, the CDFW Regional Representative is Craig Bailey (Craig.Bailey@wildlife.ca.gov), the CDFW Regional Office e-mail is R4CESA@wildlife.ca.gov and Headquarters CESA Program e-mail is CESA@wildlife.ca.gov. CDFW may at any time increase the timing and number of compliance inspections and reports required under this provision depending upon the results of previous compliance inspections. If CDFW determines the reporting schedule must be changed, CDFW will notify Permittee in writing of the new reporting schedule.

Incidental Take Permit
No. 2081-2017-002-04
SOUTHERN CALIFORNIA GAS COMPANY
LINE 103 ROW MAINTENANCE PROJECT

- 6.8. CNDDDB Observations.** The Designated Biologist shall submit all observations of Covered Species to CDFW's California Natural Diversity Database (CNDDDB) within 30 calendar days of the observation and the Designated Biologist shall include copies of the submitted forms with the next Monthly Compliance Report, whichever is submitted first relative to the observation.
- 6.9. Final Mitigation Report.** No later than 45 days after completion of all mitigation measures, Permittee shall provide CDFW with a Final Mitigation Report as described in Condition of Approval 6.7. The Designated Biologist shall prepare the Final Mitigation Report which shall include, at a minimum: (1) a summary of all Monthly Compliance Reports; (2) a copy of the table in the MMRP with notes showing when each of the mitigation measures was implemented; (3) all available information about Project-related incidental take of the Covered Species; (4) information about other Project impacts on the Covered Species; (5) beginning and ending dates of Covered Activities; (6) an assessment of the effectiveness of this ITP's Conditions of Approval in minimizing and fully mitigating Project impacts of the taking on Covered Species; (7) 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 (8) any other pertinent information.
- 6.10. 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 or Designated Representative shall provide initial notification to CDFW by calling the Regional Office at (559) 243-4005 and by e-mail to the CDFW Regional Representative. The initial notification to CDFW shall include information regarding the location, species, and number of animals taken or injured and the ITP Number. Following initial notification, Permittee shall send CDFW a written report within two calendar days. The report shall include the date and time of the finding or incident, location of the animal or carcass, and if possible provide a photograph, explanation as to cause of take or injury, and any other pertinent information.

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

Incidental Take Permit
No. 2081-2017-002-04
SOUTHERN CALIFORNIA GAS COMPANY
LINE 103 ROW MAINTENANCE PROJECT

- 7.1. Designated Biologist On Site. The Designated Biologist shall be on site for the duration of the day during all activities that may result in the take of Covered Species.
- 7.2. Work Hours. Permittee shall confine all surface- or vegetation-disturbing activities to daylight hours (sunrise to sunset). Permittee shall ensure that all vehicle traffic necessary during nighttime hours shall be conducted with extra caution to minimize impacts to nocturnal species. Nightwork may be permitted with written authorization from CDFW (e-mail will suffice).
- 7.3. Lighting. Permittee shall not use temporary, fixed, exterior lighting, including motion-triggered security lighting, that casts light on Covered Species habitat beyond the footprint of the Project Area between sunset and sunrise unless authorized in writing from CDFW. Temporary, exterior, fixed lighting at the Project Area shall be turned on only when people are present. Permittee shall not install permanent lighting at the Project Area.
- 7.4. Delineation of Ingress and Egress Routes. Permittee shall flag or otherwise clearly mark all access roads in the field from the paved road and vehicle operation shall be limited to these designated ingress and egress routes.
- 7.5. Equipment Fueling. Permittee shall ensure that all equipment fueling and equipment maintenance occur at least 100 feet from Covered Species burrows. Permittee shall ensure that sufficient spill containment and cleanup equipment shall be present at all fueling locations.
- 7.6. Vehicle Parking. Permittee shall not allow vehicles to park on top of Covered Species burrows, except within designated staging areas for which burrows and dens have been excavated per Conditions of Approval 7.19 and 7.21. Vehicles left overnight shall be located at least 50 feet from of all Covered Species dens or burrows.
- 7.7. Vehicle and Equipment Inspection. Workers shall inspect for Covered Species under vehicles and equipment every time before the vehicles and equipment are moved. If a Covered Species is present, the worker shall notify the Designated Biologist and wait for the Covered Species to move unimpeded to a safe location. Alternatively, especially if a SJAS is inside the fenced Project Site, the Designated Biologist shall move the SJAS out of harm's way outside of the Project Site and in compliance with the approved SJAS Mortality Reduction and Relocation Plan required in Condition of Approval 6.3 above.

- 7.8. Stockpiling Materials.** Permittee shall stockpile all materials and equipment in a manner that discourages Covered Species' use. In all locations, bundled or loose materials shall not be placed directly on the ground. These materials shall be elevated to discourage use by Covered Species.
- 7.9. Soil Stockpiles.** Permittee shall ensure that soil stockpiles are placed where soil will not pass into any other "Waters of the State," in accordance with Fish and Game Code Section 5650. Permittee shall protect stockpiles to prevent soil erosion.
- 7.10. Materials Inspection.** 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 structure is subsequently moved, buried, or capped. If during inspection, a Covered Species is discovered inside a pipe, culvert, or similar structure, workers shall notify the Designated Biologist and wait for the Covered Species to move unimpeded to a safe location before moving and utilizing the structure. Alternatively, especially if a SJAS is inside the fenced Project Site, the Designated Biologist shall move the SJAS out of harm's way outside of the Project Site and in compliance with the approved SJAS Mortality Reduction and Relocation Plan required Condition of Approval 6.3 above.
- 7.11. Excavation Inspection.** The Designated Biologist and/or Designated Monitor shall inspect all trenches, open holes, sumps, and other excavations within the Project Area at the beginning and end of each day for trapped animals. All trenches, holes, sumps, and other excavations with sidewalls steeper than a 1:1 (45 degree) slope shall be covered when workers or equipment are not actively working in the excavation, which includes cessation of work overnight, or shall have an escape ramp of earth or a non-slip material with a less than 1:1 (45 degree) slope. To prevent inadvertent entrapment of the Covered Species, the Designated Biologist and/or Designated Monitor shall oversee the covering of all trenches, holes, sumps, or other excavations with sidewalls greater than 1:1 (45 degree) slope of any depth with barrier material (such as hardware cloth) at the close of each working day such that animals are unable to dig or squeeze under the barrier and become entrapped. The outer two feet of excavation cover shall conform to solid ground so that gaps do not occur between the cover and the ground and secured with soil staples or similar means to prevent gaps. Each morning, end of each day (including weekends and any other non-work days), and immediately before trenches, holes, sumps, or other excavations are back-filled, the Designated Biologist and/or Designated Monitor shall thoroughly inspect them for Covered Species. Designated Biologist and/or Designated Monitor shall also thoroughly

inspect any trenches, holes, sumps, or other excavations that are covered long-term at the beginning of each working day to ensure inadvertent entrapment has not occurred and shall make any necessary repairs to the cover. If any worker discovers a Covered Species has become trapped, Permittee shall cease all Covered Activities in the vicinity and notify the Designated Biologist immediately. Project workers and the Designated Biologist shall allow the Covered Species to escape unimpeded if possible before Covered Activities are allowed to continue. Alternatively, especially if a SJAS is inside the fenced Project Site, the Designated Biologist shall move the SJAS out of harm's way outside of the Project Site and in compliance with the approved SJAS Mortality Reduction and Relocation Plan required Condition of Approval 6.3 above.

- 7.12. 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 are capped or otherwise enclosed at the ends to prevent entry by Covered Species. Permittee shall not leave any permanent pipes, conduit, electrical cabinets, or similar materials or structures open where Covered Species may enter them and become trapped. The Designated Biologist and/or Designated Monitor shall thoroughly inspect all such materials for Covered Species before they are moved, buried, or capped. If a Covered Species is discovered inside such material, that section of material shall not be moved until the animal has escaped of its own accord. If a Covered Species inside such materials does not vacate of its own accord within a reasonable timeframe, CDFW shall be contacted and Permittee shall get written concurrence prior to proceeding with eviction of the Covered Species.
- 7.13. Covered Species Observations.** All workers shall inform the Designated Biologist if the Covered Species is seen within or near the Project Area during implementation of any Covered Activity. All work in the vicinity of the Covered Species, which could harm the animal, shall cease until the Covered Species moves from the Project Area of its own accord or the Designated Biologist moves a SJAS out of harm's way outside of the Project Area and in compliance with the approved SJAS Mortality Reduction and Relocation Plan required in Condition of Approval 6.3 above.
- 7.14. Delineation of Environmentally Sensitive Areas.** Permittee shall clearly delineate Environmentally Sensitive Areas before Covered Activities commence in the Project Area. Environmentally Sensitive Areas shall be marked with brightly-colored markers visible to workers with posted signs, posting stakes, flags, and/or rope or cord, and place fencing as necessary to minimize the disturbance of

Covered Species. Environmentally Sensitive Areas are defined as all areas that warrant special protection and no-disturbance exclusion buffers, as defined in Conditions of Approval 7.18 and 7.20. Permittee shall maintain Environmentally Sensitive Areas in good repair for the duration of the Covered Activities in the Project Site. No Covered Activities are allowed within Environmentally Sensitive Areas except per Conditions of Approval 7.15, 7.16, 7.19, and 7.21.

- 7.15. Temporary Exclusion Fencing.** Under the discretion of the Designated Biologist, prior to conducting Covered Activities in the Work Areas, Permittee shall install Temporary Exclusion Fencing around the perimeter of the Work Area to exclude Covered Species from Covered Activities. Fencing material and design shall be reviewed and approved in writing by CDFW before exclusion fencing installation. Permittee shall install Temporary Exclusion Fencing in a sequential manner corresponding to the progression of Covered Activities and in the manner as described below. First, prior to the installation of the Temporary Exclusion Fencing, shrubs shall be removed by cutting/clipping them at the base under the supervision of Designated Biologist with the use of hand tools within the Work Area to encourage Covered Species to move out of the area. Next, the Temporary Exclusion Fencing shall be installed with openings to allow Covered Species to vacate the Work Area of their own accord. The Temporary Exclusion Fencing openings shall be in place for at least five (5) days and closed at the discretion of the Designated Biologist to prevent Covered Species from reoccupying the Work Area. Permittee shall install Temporary Exclusion Fencing in a sequential manner that corresponds to the progression of active Covered Activities at the Work Areas. For example, Temporary Exclusion Fencing shall not be installed simultaneously at all Work Areas, and shall be removed immediately upon completion of Covered Activities at each Work Area to minimize habitat fragmentation caused by fencing. If the Designated Biologist determines that temporary exclusion fencing will not be installed around a particular Work Area within the Project Area, CDFW shall be notified regarding the specific Work Area and the reasoning for not installing the fencing around that area and a sufficient number of Designated Biologist(s) and/or CDFW-approved Biological Monitors shall be present to ensure 100 percent visual coverage of the specific Work Area throughout the duration that Covered Activities will occur.
- 7.16. Temporary Exclusion Fencing Installation.** The Designated Biologist shall accompany the exclusion fence installation crew to ensure that Covered Species are not killed or injured during fence installation. The Designated Biologist shall ensure all small mammal burrow entrances are avoided (i.e., not covered) by fencing material during fence installation. The Designated Biologist shall ensure the

Incidental Take Permit
No. 2081-2017-002-04
SOUTHERN CALIFORNIA GAS COMPANY
LINE 103 ROW MAINTENANCE PROJECT

Temporary Exclusion Fencing is sufficiently supported to maintain its integrity under all conditions such as wind and heavy rain for the duration of the Covered Activities in the Project Area. The Designated Biologist shall check the Temporary Exclusion Fence at least once weekly and maintain/repair the fence when necessary. Temporary Exclusion Fencing shall be removed immediately upon completion of Covered Activities.

- 7.17. Pre-Activity Surveys.** The Designated Biologist(s) shall perform pre-activity surveys for Covered Species no more than 14 days prior to conducting Covered Activities in the Project Area. The pre-activity surveys shall cover the Project Area and 50 feet beyond the limits of the Project Area to identify all potential dens and burrows used by Covered Species as well as a buffer zone of 500 feet beyond (where feasible) the limits of the Work Area to identify known and/or natal SJKF dens. If the Designated Biologist identifies any known and/or natal SJKF dens, the den(s) shall be monitored with tracking medium or infrared camera to determine the current use of the den(s). Permittee shall provide the pre-activity surveys results in a written report to CDFW's Regional Representative at least five (5) days prior to the beginning of Covered Activities in the Project Area. The Pre-Activity Survey report shall include, but not be limited to, methodology, date and time of survey, a discussion and map of the locations of each potential Covered Species burrow and/or den, and an estimated date of SJAS relocation as described in Condition of Approval 6.3, the number of potential SJKF dens, a discussion and map of the locations of each known and natal SJKF den, and an estimated date of SJKF den excavation as described in Condition of Approval 6.4.

SJAS-Specific Measures

- 7.18. SJAS Burrow Avoidance.** The Designated Biologist shall establish a 50-foot or greater no-disturbance buffer around suspected or known to be occupied Covered Species burrows within and adjacent to the Project Area to be disturbed by Covered Activities. If the 50-foot no-disturbance buffer cannot be established, burrow excavation shall occur in accordance with Conditions of Approval 7.19.
- 7.19. SJAS Burrow Excavation.** Immediately prior to commencing Covered Activities within the Work Area, the Designated Biologist, or an individual under the direct supervision of the Designated Biologist, shall fully excavate by hand any potential SJAS burrows present within the portion of the Work Area to be disturbed by Covered Activities. Any SJAS encountered during burrow excavation shall be allowed to escape out of harm's way to the adjacent natural habitat or relocated to the CDFW-approved release site identified in the SJAS Mortality Reduction and Relocation Plan by the Designated Biologist (Condition of Approval 6.3). Any

Incidental Take Permit
No. 2081-2017-002-04
SOUTHERN CALIFORNIA GAS COMPANY
LINE 103 ROW MAINTENANCE PROJECT

dormant, lactating/nursing female, or dependent juvenile Covered Species encountered shall be collected by the Designated Biologist and relocated to an artificial burrow installed at the CDFW-approved release site.

SJKF-Specific Measures

- 7.20. SJKF Den Avoidance.** Permittee shall avoid destroying SJKF dens unless they are in an area of direct ground disturbance (e.g., grading area, excavation area) or their location poses a risk of direct harm to SJKF individuals. Dens in an area of temporary disturbance shall remain intact and the Designated Biologist shall block the entrance by installing an object approved in advance in writing by CDFW to prevent SJKF from entering and utilizing the den during Covered Activities. The Designated Biologist shall remove the object immediately after Covered Activities are completed in the Project Site when the Designated Biologist has determined that potential resumed use of the den will not result in harm to SJKF. Permittee shall not destroy or modify dens or exclude foxes from dens that are beyond the direct footprint of ground disturbance to preempt their use and den buffer establishment. To avoid SJKF dens during Covered Activities, Permittee shall establish a minimum 50-foot no-disturbance buffer around a potential SJKF den (any subterranean hole, three inches or larger, for which no evidence is present to conclude that the den is being used or has been used by a SJKF) or if a SJKF is found in an "atypical" den (e.g., a pipe or culvert). If a known den (one that shows evidence of current use) is discovered, Permittee shall establish a minimum no-disturbance buffer of at least 100 feet around the den. If a natal den (den in which SJKF young are reared, typically with two or more openings) is discovered, a no-disturbance buffer of at least 200 feet shall be established around the den. Natal dens with pups shall have a no-disturbance buffer of at least 500 feet. Permittee shall notify the USFWS and CDFW's Regional Representative immediately via telephone and e-mail if any SJKF-occupied natal dens are discovered within or immediately adjacent to the Project Area.
- 7.21. SJKF Den Excavation.** The Designated Biologist or individuals under direct supervision of the Designated Biologist shall excavate potential or known dens that exhibit signs of SJKF use or characteristics suggestive of SJKF dens (including dens in natural substrate and in/under man-made structures) that cannot be avoided as per Condition of Approval 7.20 only after the Designated Biologist has determined that SJKF is not currently present after four (4) consecutive nights of monitoring with tracking medium and infrared camera. Potential SJKF dens without any signs of SJKF use or characteristics suggesting it is a SJKF den may be excavated under the direct supervision of the Designated Biologist without advance

tracking or camera monitoring. Natal dens shall not be excavated until the pups and adults have vacated the den and then only after concurrence from the USFWS and CDFW. If the excavation process reveals evidence of current use by SJKF, then den excavation shall cease immediately and tracking, or camera monitoring as described above, shall be conducted/resumed. Excavation of the den shall only resume when, in the judgment of the Designated Biologist, the SJKF has escaped from the partially excavated den. SJKF dens shall be carefully excavated until it is clear no individuals of SJKF are inside. Dens to be destroyed shall be fully excavated, filled with dirt and compacted to ensure that SJKF cannot reenter or use the den during the period that Covered Activities would occur in the Project Site. If an individual SJKF does not vacate a den within the Project Site within a reasonable timeframe, Permittee shall consult with CDFW and the USFWS to obtain written guidance (e-mail will suffice) from both agencies prior to proceeding with den destruction. An established SJKF den no-disturbance buffer may be removed once the SJKF is no longer using the area.

- 7.22. Unblocking Temporarily Blocked SJKF Dens.** SJKF dens blocked as per Condition of Approval 7.20 shall be unblocked (material at entrance removed) within 48 hours of the cessation of active construction activities and when the Designated Biologist(s) determines that potential resumed use will not result in harm to SJKF.
- 7.23. SJKF Den Replacement.** Permittee shall replace each known and natal SJKF den that cannot be avoided as per Condition of Approval 7.20 with an artificial den prior to den excavation described in Condition of Approval 7.21. Permittee shall install one artificial kit fox den for each known den and three artificial natal dens for each natal den to be collapsed due to unavoidable disturbance. Permittee shall install artificial dens within 100 meters of the collapsed den. Artificial natal dens shall be multi chambered and have multiple entrances. If greater than 10 suitable kit fox dens are located within a 100-meter radius of the collapsed Den, Permittee shall consult with CDFW about appropriate location for installation of artificial dens. Den replacement shall be completed in accordance with the CDFW-approved SJKF Den Replacement Plan required in Condition of Approval 6.4. Pre-construction surveys shall be conducted by the Designated Biologist as described in Condition of Approval 7.17 and avoidance measures as described in Conditions of Approval 7.18 and 7.20 shall be implemented prior to the installation of artificial dens.
- 7.24. Covered Species Injury.** If a Covered Species is injured as a result of Project-related activities, the Designated Biologist shall immediately take it to a CDFW-approved wildlife rehabilitation or veterinary facility. Permittee shall identify

Incidental Take Permit
No. 2081-2017-002-04
SOUTHERN CALIFORNIA GAS COMPANY
LINE 103 ROW MAINTENANCE PROJECT

the facility before starting Covered Activities. Permittee shall bear any costs associated with the care or treatment of such injured Covered Species. The Permittee shall notify CDFW of the injury to the Covered Species immediately by telephone and e-mail followed by a written incident report as described in Condition of Approval 6.10. Notification shall include the name of the facility where the animal was taken.

8. 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 with 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 Covered Species and habitat, and CDFW's estimate of the acreage required to provide for adequate compensation. As provided above, a majority of the Project occurs within the CLEP. The CLEP Conservation Easement provides specific compensation requirements for project impacts. Therefore, those requirements are applied when determining adequate compensation for Project related impacts provided below.

To meet this requirement, the Permittee shall use existing Covered Species credits from its balance of conservation credits from the CLEP (Condition of Approval 8.1).

- 8.1. Covered Species Credits.** Prior to initiating Covered Activities, the Permittee shall (1) assign 6.5 acres of Covered Species credits from CLEP, and (2) provide CDFW with a copy of the mitigation or conservation credit certificate issued by CLEP and a credit ledger or similar document from CLEP verifying credits have been assigned to this Project. A copy of the credit certificate shall be kept at the Project Area while conducting Covered Activities.

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.

Incidental Take Permit
No. 2081-2017-002-04
SOUTHERN CALIFORNIA GAS COMPANY
LINE 103 ROW MAINTENANCE PROJECT

Stop-Work Order:

CDFW may issue Permittee a written stop-work order requiring Permittee to suspend any Covered Activity for an initial period of up to 25 days 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. 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 25 additional days. 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.

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.

Notices:

The Permittee shall deliver a fully executed duplicate original ITP by registered first class mail or overnight delivery to the following address:

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

Alternatively, the Permittee shall e-mail the digitally signed ITP to CESA@wildlife.ca.gov. Digital signatures shall comply with Government Code section 16.5.

Written notices, reports and other communications relating to this ITP shall be delivered to CDFW by e-mail 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 (2081-2017-002-04) in a cover letter and on any other associated documents.

Incidental Take Permit
No. 2081-2017-002-04
SOUTHERN CALIFORNIA GAS COMPANY
LINE 103 ROW MAINTENANCE PROJECT

Original cover with attachment(s) to:

Julie A. Vance, Regional Manager
California Department of Fish and Wildlife
1234 East Shaw Avenue
Fresno, California 93710
Telephone (559) 243-4014
R4CESA@wildlife.ca.gov

and a copy to:

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

Craig Bailey
California Department of Fish and Wildlife
1234 East Shaw Avenue
Fresno, California 93710
Telephone (559) 243-4014, extension 227
Craig.Bailey@wildlife.ca.gov

Compliance with the California Environmental Quality Act:

As the "public agency which has the principal responsibility of...approving [the Project]," (Pub. Resources Code, § 21067), CDFW is the lead agency for the Project for purposes of complying with the California Environmental Quality Act (CEQA, Pub. Resources Code, § 21000 *et seq.*). CDFW has determined that this Project is exempt from CEQA because it is an action "necessary to prevent or mitigate an emergency." (Pub. Resources Code, §21080, subd. (b)(4).) and "necessary to maintain service essential to the public health, safety or welfare, including those that require a reasonable amount of planning to address an anticipated emergency" Cal. Code Regs., tit. 14, §15269, subd. (b). CDFW has filed a Notice of Exemption for the Project.

Incidental Take Permit
No. 2081-2017-002-04
SOUTHERN CALIFORNIA GAS COMPANY
LINE 103 ROW MAINTENANCE PROJECT

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 and the administrative record of proceedings, that issuance of this ITP complies and is consistent with the criteria governing the issuance of ITPs pursuant to CESA:

- (1) Take of Covered Species as defined in this ITP will be incidental to the otherwise lawful activities covered under this ITP;
- (2) Impacts of the taking on Covered Species will be minimized and fully mitigated through the implementation of measures required by this ITP and as described in the MMRP. Measures include: (1) permanent habitat protection; (2) establishment of avoidance zones; (3) worker education; and (4) Monthly Compliance Reports. CDFW evaluated factors including an assessment of the importance of the habitat in the Project Area, the extent to which the Covered Activities will impact the habitat, and CDFW's estimate of the acreage required to provide for adequate compensation. Based on this evaluation, CDFW determined that the protection and management in perpetuity of 6.5 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

Incidental Take Permit
No. 2081-2017-002-04
SOUTHERN CALIFORNIA GAS COMPANY
LINE 103 ROW MAINTENANCE PROJECT


- (8) Issuance of this ITP will not jeopardize the continued existence of the Covered Species based on the best scientific and other information reasonably available, and this finding includes consideration of the species' capability to survive and reproduce, and any adverse impacts of the taking on those abilities in light of (1) known population trends; (2) known threats to the species; and (3) reasonably foreseeable impacts on the species from other related projects and activities. Moreover, CDFW's finding is based, in part, on CDFW's express authority to amend the terms and conditions of this ITP without concurrence of the Permittee as necessary to avoid jeopardy and as required by law.

Attachments:

FIGURE 1	Project Location Regional Map
FIGURES 2.1 – 2.8	Project Location Detailed Maps
ATTACHMENT 1	Mitigation Monitoring and Reporting Program

ISSUED BY THE CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE

on 12/10/2020

DocuSigned by:

 FA83F09FE08945A...

Julie A. Vance, Regional Manager
 CENTRAL REGION

ACKNOWLEDGMENT

The undersigned: (1) warrants that he or she is acting as a duly authorized representative of the Permittee, (2) acknowledges receipt of this ITP, and (3) agrees on behalf of the Permittee to comply with all terms and conditions

By: 
 71AF449306A04DE...

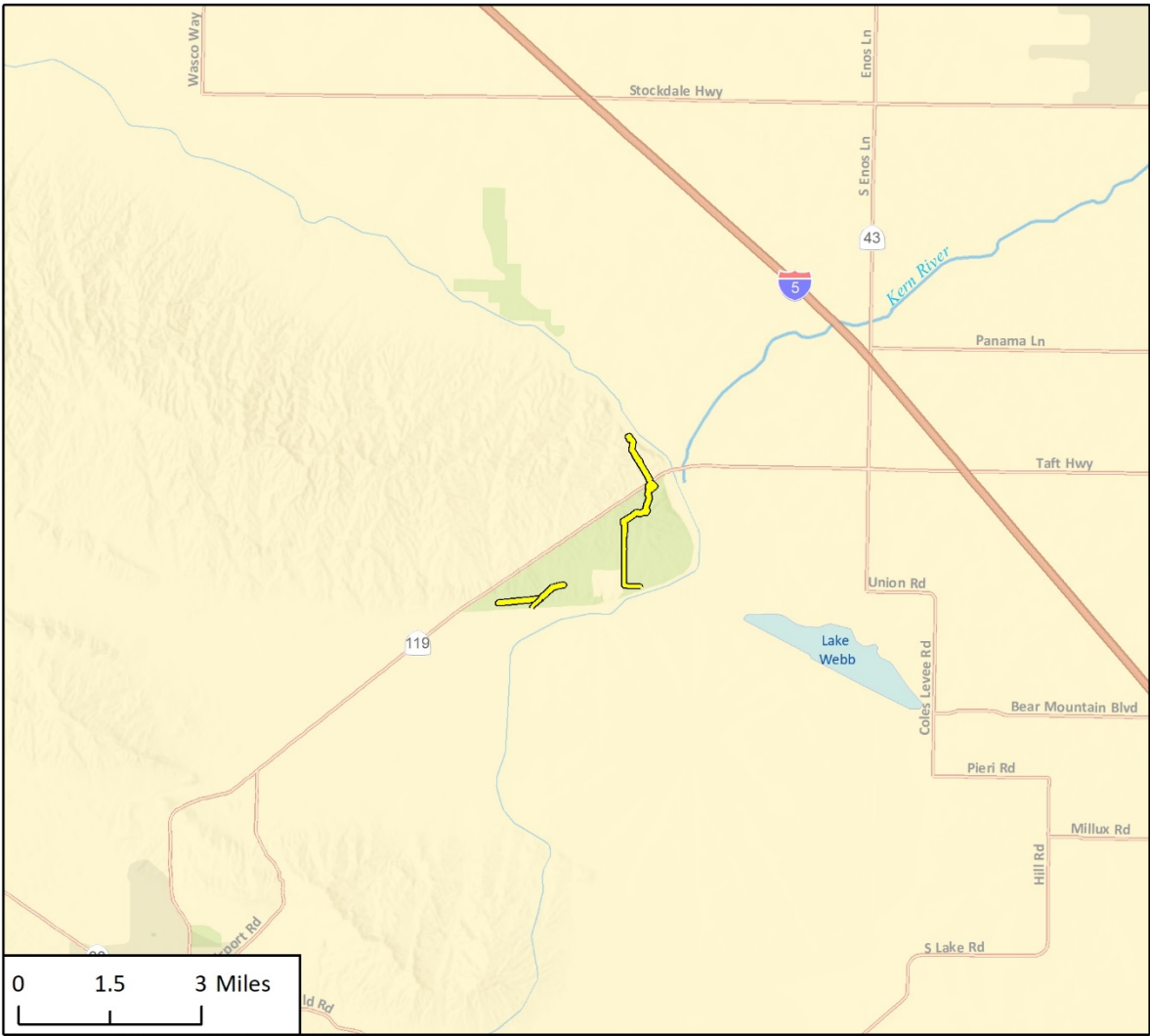
Date: 12/16/2020

Printed Name: Elod Nemeth

Title: Project Manager II

Incidental Take Permit
 No. 2081-2017-002-04
SOUTHERN CALIFORNIA GAS COMPANY
LINE 103 ROW MAINTENANCE PROJECT

Figure 1: Project Location Regional Map



Imagery provided by Esri and its licensors © 2020.

 Project Location

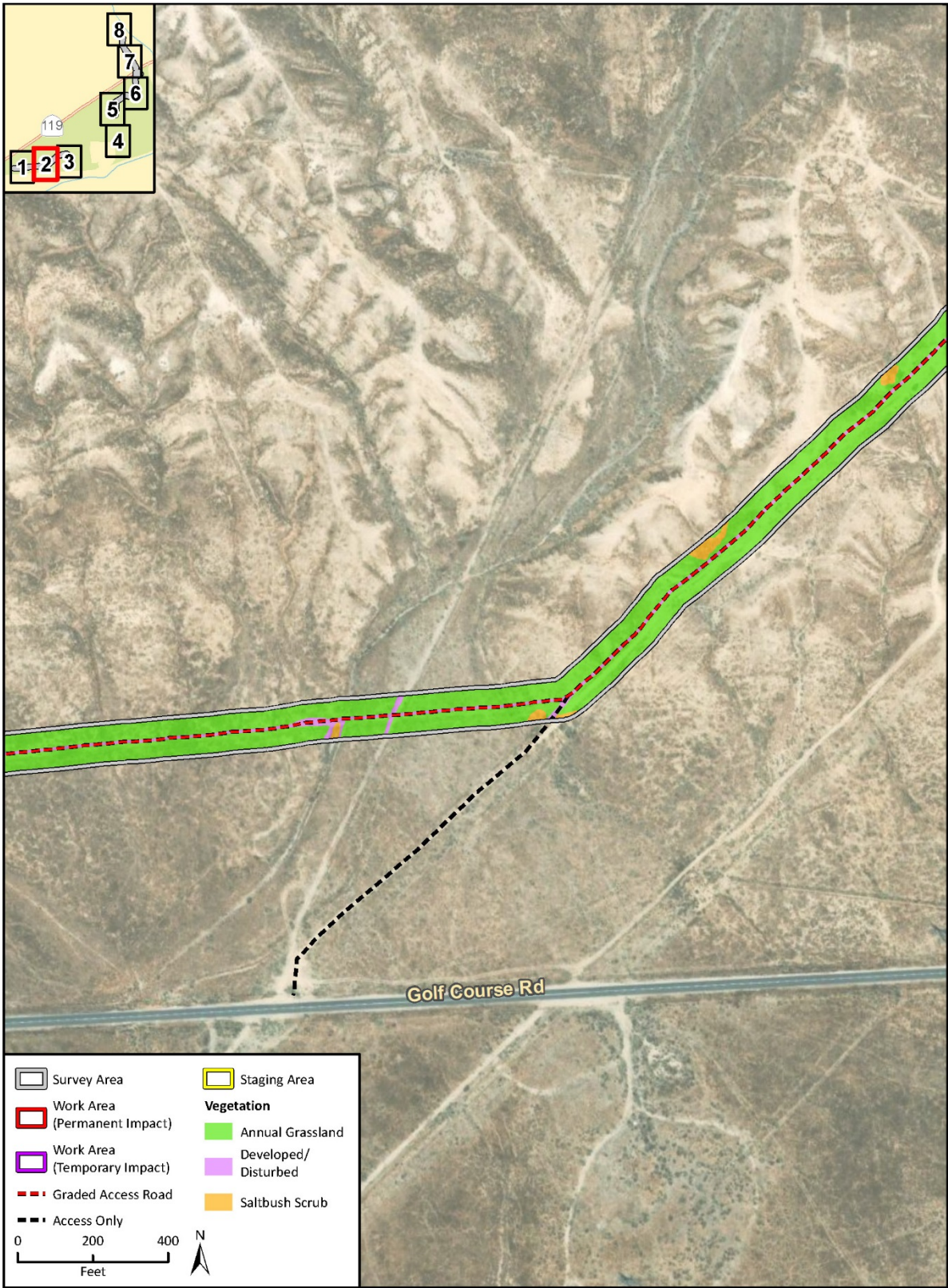


ITP2020 Fig. 1 Regional Location

Figure 2.1: Project Location Detailed Map



Figure 2.2: Project Location Detailed Map



Imagery provided by Microsoft Bing and its licensors © 2020.

Figure 2.3: Project Location Detailed Map



Imagery provided by Microsoft Bing and its licensors © 2020.

ITP2020 Fig X Vegetation

Figure 2.4: Project Location Detailed Map

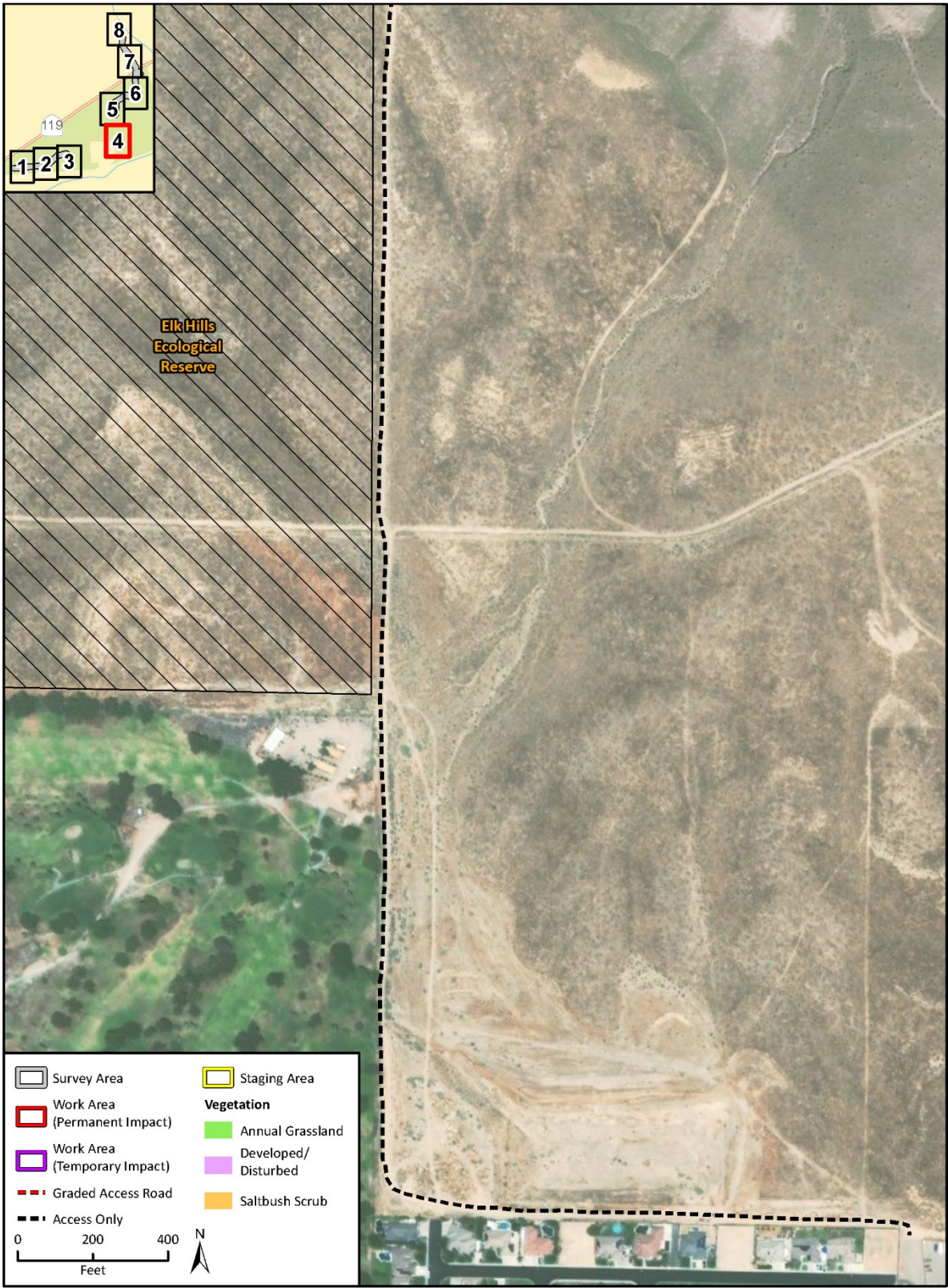


Figure 2.5: Project Location Detailed Map

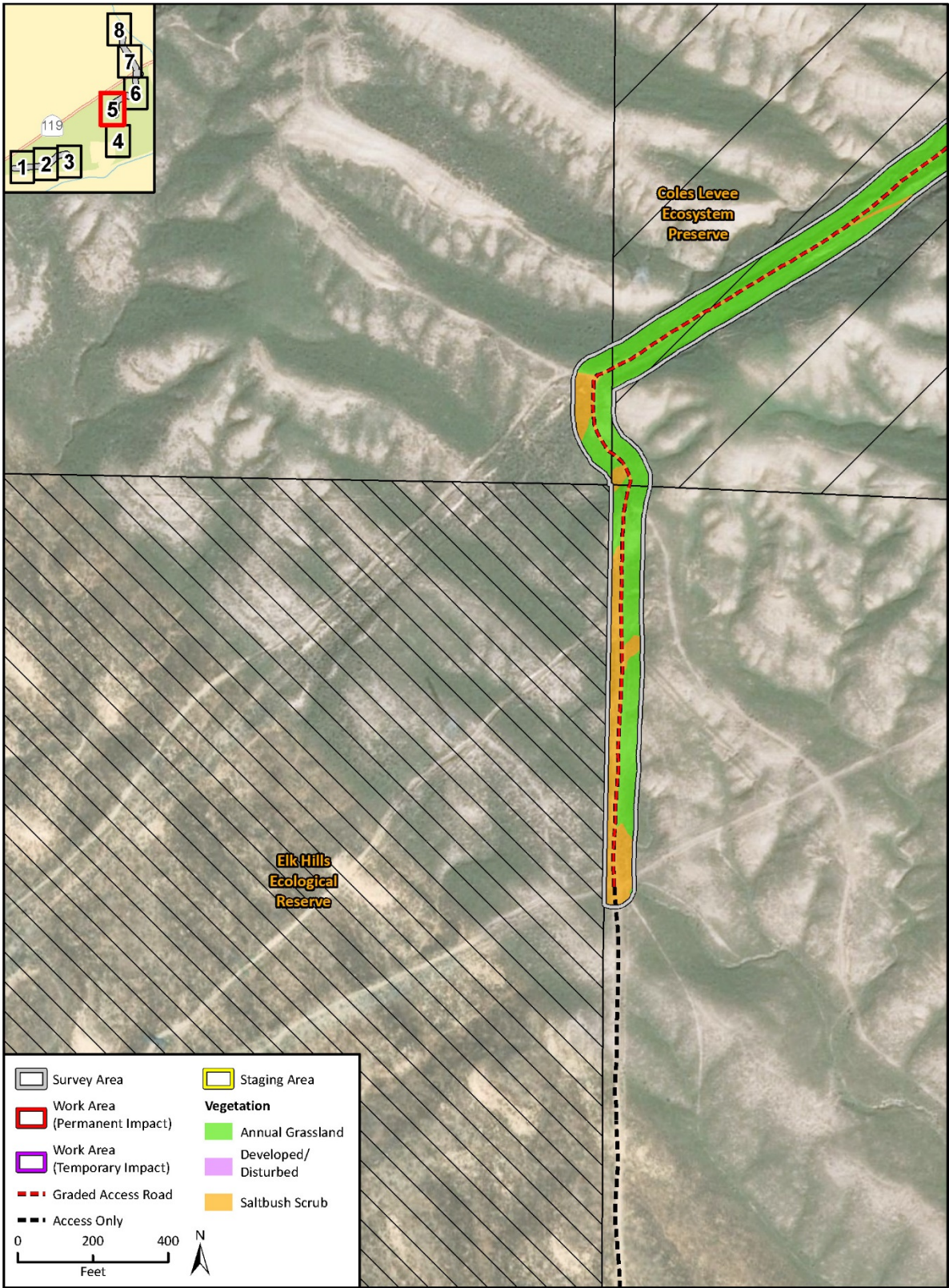


Figure 2.6: Project Location Detailed Map

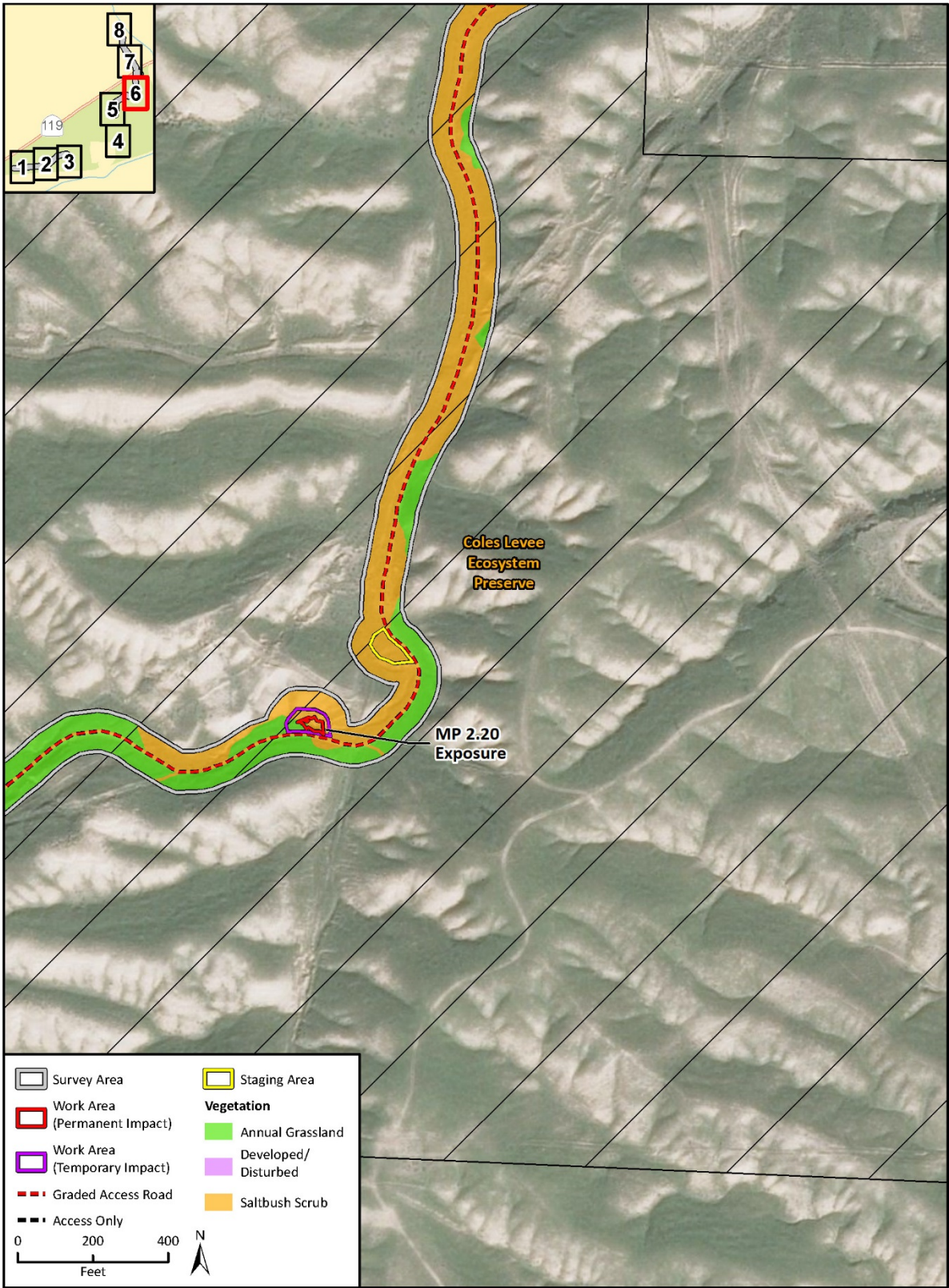
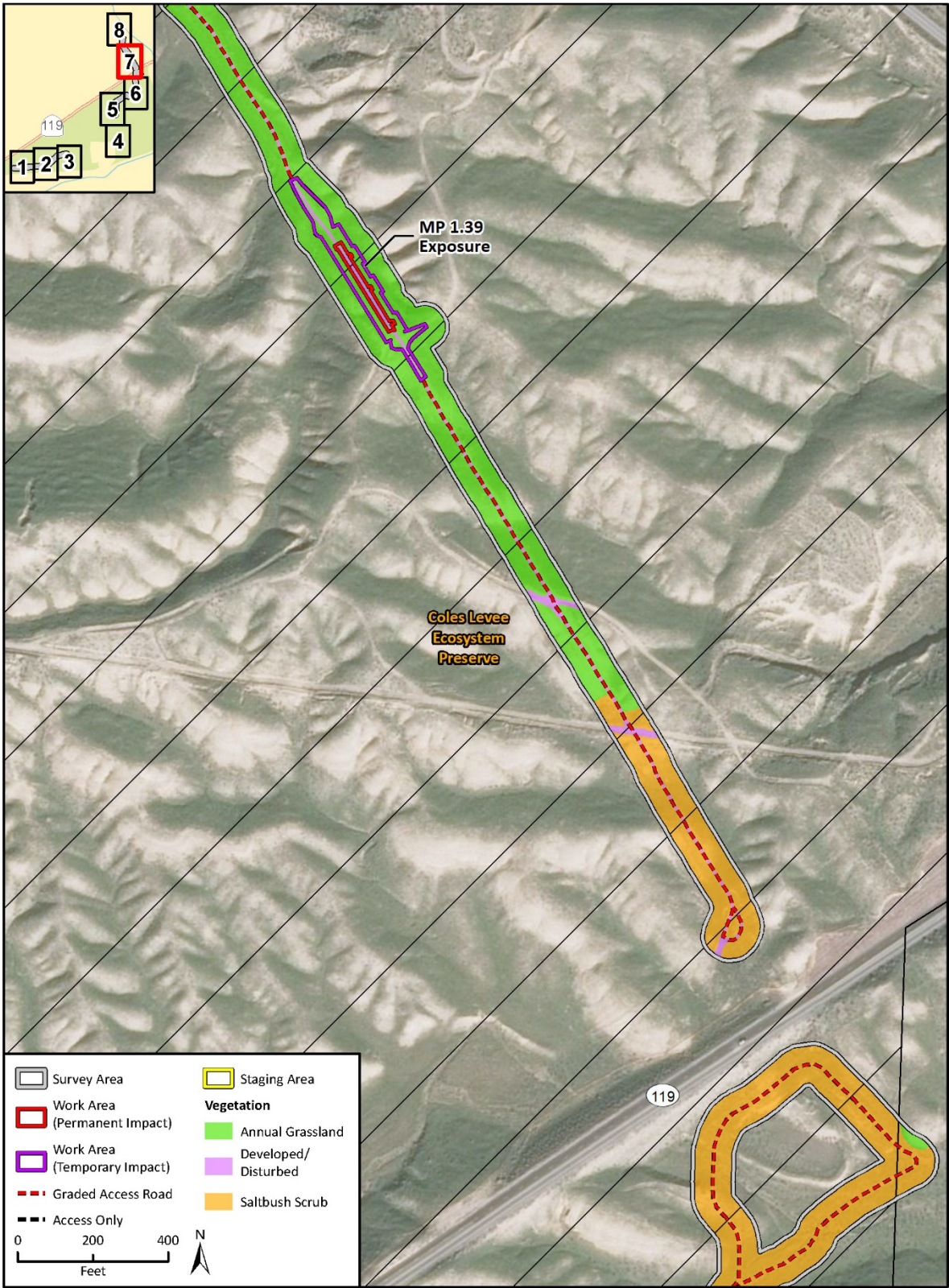


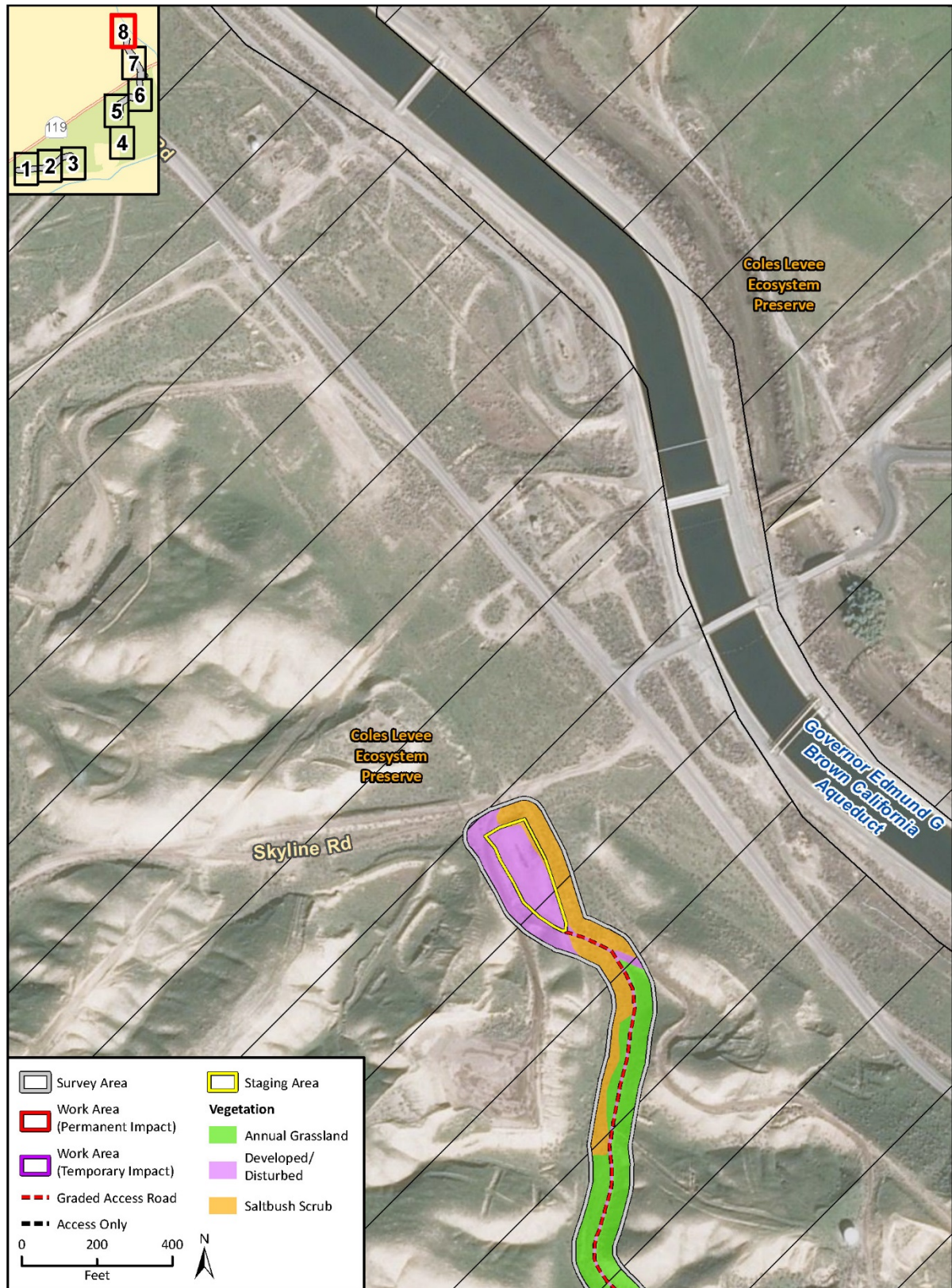
Figure 2.7: Project Location Detailed Map



Imagery provided by Microsoft Bing and its licensors © 2020.

ITP2020 Fig X Vegetation

Figure 2.8: Project Location Detailed Map



Imagery provided by Microsoft Bing and its licensors © 2020.

ITP2020 Fig X Vegetation

Attachment 1

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

INCIDENTAL TAKE PERMIT NO. 2081-2017-002-04

PERMITTEE: Southern California Gas Company

PROJECT: Line 103 Right of Way Maintenance Project

PURPOSE OF THE MMRP

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

OBLIGATIONS OF PERMITTEE

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

VERIFICATION OF COMPLIANCE, EFFECTIVENESS

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

TABLE OF MITIGATION MEASURES

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

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
BEFORE DISTURBING SOIL OR VEGETATION					
1	<u>Designated Representative</u> . 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 # 5.1	Before commencing ground- or vegetation-disturbing activities/ Entire Project	Permittee	
2	<u>Designated Biologist</u> . Permittee shall submit in writing to CDFW for approval the name, qualifications, business address, and contact information of the proposed Designated Biologist within five (5) calendar days of issuance of the ITP. The Designated Biologist 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) in writing before starting Covered Activities and shall also obtain approval in advance in writing if a Designated Biologist must be changed. Permittee shall ensure that the Designated Biologist is knowledgeable and experienced in the biology and natural history of the Covered Species. In addition, Permittee shall provide to CDFW the Designated Biologist's experience on collecting and handling small mammal species, including San Joaquin antelope squirrel (SJAS), burrow excavation experience, as well as experience in the eviction and excavation of dens actively being used by San Joaquin kit fox (SJKF), and monitoring construction activities following the Conditions of Approval of an ITP for the Covered Species. Permittee has the option of utilizing a Designated Monitor to assist the Designated Biologist in compliance monitoring under direction/supervision of the Designated Biologist. If Permittee chooses to utilize a Designated Monitor, the Permittee shall submit in writing to CDFW for approval the name, qualifications, business address, contact information, and references of the proposed Designated Monitor. Designated Monitors assist the Designated Biologist as specified in advance and approved in writing by CDFW.	ITP Condition # 5.2	Before commencing ground- or vegetation-disturbing activities	Permittee	
3	<u>Education Program</u> . Permittee shall conduct an education program for all persons employed or otherwise working in the Project Area before they are authorized to perform any work. The program shall consist of a presentation from the Designated Biologist for the Covered Species that includes a discussion of the biology and general behavior of the Covered Species, information about the distribution and habitat needs of the Covered Species, sensitivity of the Covered Species to human activities, its status pursuant to CESA including legal protection, recovery efforts, penalties for violations and Project-specific protective measures described in the ITP. Permittee shall provide interpretation for non-English speaking workers, and the same instruction shall be provided to any new workers before they are authorized to perform work in the Project Area. Permittee shall prepare and distribute wallet-sized cards or a fact sheet handout containing this information for workers to carry in the Project Area. Upon completion of the program, employees shall sign a form stating they attended the program and understand all protection measures. This training shall be repeated at least once annually for long-term and/or permanent employees that will be conducting work in the Project Area.	ITP Condition # 5.4	Before commencing ground- or vegetation-disturbing activities / Entire Project	Permittee	
4	<u>Trash Abatement</u> . Permittee shall initiate a trash abatement program before starting Covered Activities and shall continue the program for the duration of the Project. Permittee shall ensure that trash and food items are contained in animal-proof containers and removed at least once a week to avoid attracting opportunistic predators such as ravens, coyotes, and feral dogs.	ITP Condition # 5.6	Before commencing ground- or vegetation-disturbing activities / Entire Project	Permittee	

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
5	<u>Dust Control</u> . Permittee shall implement dust control measures during Covered Activities to facilitate visibility for monitoring of the Covered Species by the Designated Biologist. Permittee shall keep the amount of water used to the minimum amount needed and shall not allow water to form puddles. Permittee shall not apply dust suppressant, surfactant, soil binders, or stabilizer products that may be harmful to Covered Species. Permittee shall obtain written approval from CDFW before applying any dust suppressant, surfactant, soil binders, or stabilizer products. Permittee shall provide all available documentation of each product's safety or hazards to wildlife to CDFW with any such request for approval.	ITP Condition # 5.7	Before commencing ground- or vegetation-disturbing activities/ Entire Project	Permittee	
6	<u>Delineation of Property Boundaries</u> . Permittee shall clearly delineate the boundaries of each Work Area within the Project Area where the Covered Activities will occur for that Project phase, with fencing, stakes, or flags before starting Covered Activities along any part of the route in active construction. Permittee shall restrict all Covered Activities to within the fenced, staked, or flagged Work Area. Permittee shall maintain all fencing, stakes, and flags until the completion of Covered Activities in each Work Area.	ITP Condition # 5.11	Before commencing ground- or vegetation-disturbing activities / Entire Project	Permittee	
7	<u>Delineation of Habitat</u> . Permittee shall clearly delineate habitat of the Covered Species within the Project Area with posted signs, posting stakes, flags, and/or rope or cord, and place fencing as necessary to minimize the disturbance of Covered Species' habitat.	ITP Condition # 5.12	Before commencing ground- or vegetation-disturbing activities / Entire Project	Permittee	
8	<u>Notification Before Commencement</u> . The Designated Representative shall notify CDFW at least three (3) calendar days before starting Covered Activities and shall document compliance with all pre-Project Conditions of Approval in the notification before starting Covered Activities. Upon receipt of the notification, if CDFW determines that all pre-Project Conditions of Approval are complete, CDFW may, in its discretion, authorize Covered Activities to start sooner than three (3) days after its receipt of the notification.	ITP Condition # 6.1	Before commencing ground- or vegetation-disturbing activities	Permittee	
9	<u>SJAS Mortality Reduction and Relocation Plan</u> . Permittee shall submit a SJAS Mortality Reduction and Relocation Plan to CDFW prior to the start of Covered Activities. Burrow excavation and relocation activities shall not proceed until the relocation plan has been approved in writing by CDFW's Regional Representative. The SJAS Mortality Reduction and Relocation Plan shall include, but not be limited to, timing; detailed description of burrow excavation methods; release location(s); detailed release methods (i.e., soft release, hard release, or another method); artificial burrow design and installation methods; description of exclusion fencing type and implementation; and identification of a wildlife rehabilitation center or veterinary facility for injured animals. Only the Designated Biologist is authorized to capture, handle, and relocate SJAS. Once the SJAS Mortality Reduction and Relocation Plan is approved in writing by CDFW, it shall be used for all SJAS mortality reduction activities for the duration of the ITP. Any proposed changes to the CDFW-approved SJAS Mortality Reduction and Relocation Plan shall be submitted in writing to CDFW and approved by CDFW in writing prior to implementation of any proposed SJAS Mortality Reduction and Relocation Plan modifications.	ITP Condition # 6.3	Before commencing ground- or vegetation-disturbing activities	Permittee	

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
10	<u>SJKF Den Replacement Plan</u> . Permittee shall submit a SJKF Den Replacement Plan to CDFW prior to the beginning of Covered Activities. Covered Activities within the Project Area may not proceed until the SJKF Den Replacement Plan is approved in writing by CDFW's Regional Representative. The SJKF Den Replacement Plan shall include, but not be limited to, a discussion and map of potential artificial den replacement locations; detailed description of the den excavation methods; description of the replacement den dimensions (e.g., depth and width of den, width of den entrance, number of and placement of entrances to natal dens); and replacement den design and installation methods. Once the SJKF Den Replacement Plan is approved by CDFW, it may be used for the duration of the ITP. Any proposed changes to the SJKF Den Replacement Plan shall be submitted in writing to CDFW and approved by CDFW in writing prior to implementation of any proposed SJKF Den Replacement Plan modifications.	ITP Condition # 6.4	Before commencing ground- or vegetation-disturbing activities	Permittee	
11	<u>Record of Covered Species Relocated</u> . The Designated Biologist shall maintain a record of all Covered Species handled and observed. This information shall include for each animal: (1) the locations (Global Positioning System (GPS) coordinates and maps) and time of capture and/or observation as well as release; (2) sex; (3) approximate age (adult/juvenile) and reproductive condition; (4) weight; (5) general condition and health, noting all visible conditions including gait and behavior, diarrhea, emaciation, salivation, hair loss, ectoparasites, and injuries; and (6) ambient temperature when handled and released. The Designated Biologist shall prepare a Relocation Summary and include it in the Monthly Compliance Report described in Condition of Approval 6.7. The Relocation Summary in the Final Mitigation Report described in Condition of Approval 6.9 shall include cumulative results, analysis of data collected, and conclusions.	ITP Condition # 6.6	Before commencing ground- or vegetation-disturbing activities / Entire Project	Designated Biologist	
12	<u>Delineation of Ingress and Egress Routes</u> . Permittee shall flag or otherwise clearly mark all access roads in the field from the paved road and vehicle operation shall be limited to these designated ingress and egress routes.	ITP Condition # 7.4	Before commencing ground- or vegetation-disturbing activities / Entire Project	Permittee	
13	<u>Delineation of Environmentally Sensitive Areas</u> . Permittee shall clearly delineate Environmentally Sensitive Areas before Covered Activities commence in the Project Area. Environmentally Sensitive Areas shall be marked with brightly-colored markers visible to workers with posted signs, posting stakes, flags, and/or rope or cord, and place fencing as necessary to minimize the disturbance of Covered Species. Environmentally Sensitive Areas are defined as all areas that warrant special protection and no-disturbance exclusion buffers, as defined in Conditions of Approval 7.18 and 7.20. Permittee shall maintain Environmentally Sensitive Areas in good repair for the duration of the Covered Activities in the Project Site. No Covered Activities are allowed within Environmentally Sensitive Areas except per Conditions of Approval 7.15, 7.16, 7.19, and 7.21.	ITP Condition # 7.14	Before commencing ground- or vegetation-disturbing activities	Permittee	

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
14	<u>Temporary Exclusion Fencing</u> . Under the discretion of the Designated Biologist, prior to conducting Covered Activities in the Work Areas, Permittee shall install Temporary Exclusion Fencing around the perimeter of the Work Area to exclude Covered Species from Covered Activities. Fencing material and design shall be reviewed and approved in writing by CDFW before exclusion fencing installation. Permittee shall install Temporary Exclusion Fencing in a sequential manner corresponding to the progression of Covered Activities and in the manner as described below. First, prior to the installation of the Temporary Exclusion Fencing, shrubs shall be removed by cutting/clipping them at the base under the supervision of Designated Biologist with the use of hand tools within the Work Area to encourage Covered Species to move out of the area. Next, the Temporary Exclusion Fencing shall be installed with openings to allow Covered Species to vacate the Work Area of their own accord. The Temporary Exclusion Fencing openings shall be in place for at least five (5) days and closed at the discretion of the Designated Biologist to prevent Covered Species from reoccupying the Work Area. Permittee shall install Temporary Exclusion Fencing in a sequential manner that corresponds to the progression of active Covered Activities at the Work Areas. For example, Temporary Exclusion Fencing shall not be installed simultaneously at all Work Areas, and shall be removed immediately upon completion of Covered Activities at each Work Area to minimize habitat fragmentation caused by fencing. If the Designated Biologist determines that temporary exclusion fencing will not be installed around a particular Work Area within the Project Area, CDFW shall be notified regarding the specific Work Area and the reasoning for not installing the fencing around that area and a sufficient number of Designated Biologist(s) and/or CDFW-approved Biological Monitors shall be present to ensure 100 percent visual coverage of the specific Work Area throughout the duration that Covered Activities will occur.	ITP Condition # 7.15	Before commencing ground- or vegetation-disturbing activities	Permittee	
15	<u>Temporary Exclusion Fencing Installation</u> . The Designated Biologist shall accompany the exclusion fence installation crew to ensure that Covered Species are not killed or injured during fence installation. The Designated Biologist shall ensure all small mammal burrow entrances are avoided (i.e., not covered) by fencing material during fence installation. The Designated Biologist shall ensure the Temporary Exclusion Fencing is sufficiently supported to maintain its integrity under all conditions such as wind and heavy rain for the duration of the Covered Activities in the Project Area. The Designated Biologist shall check the Temporary Exclusion Fence at least once weekly and maintain/repair the fence when necessary. Temporary Exclusion Fencing shall be removed immediately upon completion of Covered Activities.	ITP Condition # 7.16	Before commencing ground- or vegetation-disturbing activities	Designated Biologist	
16	<u>Pre-Activity Surveys</u> . The Designated Biologist(s) shall perform pre-activity surveys for Covered Species no more than 14 days prior to conducting Covered Activities in the Project Area. The pre-activity surveys shall cover the Project Area and 50 feet beyond the limits of the Project Area to identify all potential dens and burrows used by Covered Species as well as a buffer zone of 500 feet beyond (where feasible) the limits of the Work Area to identify known and/or natal SJKF dens. If the Designated Biologist identifies any known and/or natal SJKF dens, the den(s) shall be monitored with tracking medium or infrared camera to determine the current use of the den(s). Permittee shall provide the pre-activity surveys results in a written report to CDFW's Regional Representative at least five (5) days prior to the beginning of Covered Activities in the Project Area. The Pre-Activity Survey report shall include, but not be limited to, methodology, date and time of survey, a discussion and map of the locations of each potential Covered Species burrow and/or den, and an estimated date of SJAS relocation as described in Condition of Approval 6.3, the number of potential SJKF dens, a discussion and map of the locations of each known and natal SJKF den, and an estimated date of SJKF den excavation as described in Condition of Approval 6.4.	ITP Condition # 7.17	Before commencing ground- or vegetation-disturbing activities	Designated Biologist	

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
17	<u>SJAS Burrow Avoidance.</u> The Designated Biologist shall establish a 50 foot or greater no-disturbance buffer around suspected or known to be occupied Covered Species burrows within and adjacent to the Project Area to be disturbed by Covered Activities. If the 50-foot no-disturbance buffer cannot be established, burrow excavation shall occur in accordance with Conditions of Approval 7.19.	ITP Condition # 7.18	Before commencing ground- or vegetation-disturbing activities / Entire Project	Designated Biologist	
18	<u>SJAS Burrow Excavation.</u> Immediately prior to commencing Covered Activities within the Work Area, the Designated Biologist, or an individual under the direct supervision of the Designated Biologist, shall fully excavate by hand any potential SJAS burrows present within the portion of the Work Area to be disturbed by Covered Activities. Any SJAS encountered during burrow excavation shall be allowed to escape out of harm's way to the adjacent natural habitat or relocated to the CDFW-approved release site identified in the SJAS Mortality Reduction and Relocation Plan by the Designated Biologist (Condition of Approval 6.3). Any dormant, lactating/nursing female, or dependent juvenile Covered Species encountered shall be collected by the Designated Biologist and relocated to an artificial burrow installed at the CDFW-approved release site.	ITP Condition # 7.19	Before commencing ground- or vegetation-disturbing activities	Designated Biologist	
19	<u>SJKF Den Avoidance.</u> Permittee shall avoid destroying SJKF dens unless they are in an area of direct ground disturbance (e.g., grading area, excavation area) or their location poses a risk of direct harm to SJKF individuals. Dens in an area of temporary disturbance shall remain intact and the Designated Biologist shall block the entrance by installing an object approved in advance in writing by CDFW to prevent SJKF from entering and utilizing the den during Covered Activities. The Designated Biologist shall remove the object immediately after Covered Activities are completed in the Project Site when the Designated Biologist has determined that potential resumed use of the den will not result in harm to SJKF. Permittee shall not destroy or modify dens or exclude foxes from dens that are beyond the direct footprint of ground disturbance to preempt their use and den buffer establishment. To avoid SJKF dens during Covered Activities, Permittee shall establish a minimum 50-foot no disturbance buffer around a potential SJKF den (any subterranean hole, three inches or larger, for which no evidence is present to conclude that the den is being used or has been used by a SJKF) or if a SJKF is found in an "atypical" den (e.g., a pipe or culvert). If a known den (one that shows evidence of current use) is discovered, Permittee shall establish a minimum no disturbance buffer of at least 100 feet around the den. If a natal den (den in which SJKF young are reared, typically with two or more openings) is discovered, a no disturbance buffer of at least 200 feet shall be established around the den. Natal dens with pups shall have a no disturbance buffer of at least 500 feet. Permittee shall notify the USFWS and CDFW's Regional Representative immediately via telephone and e-mail if any SJKF occupied natal dens are discovered within or immediately adjacent to the Project Area.	ITP Condition # 7.20	Before commencing ground- or vegetation-disturbing activities	Permittee / Designated Biologist	

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
20	<u>SJKF Den Excavation</u> . The Designated Biologist or individuals under direct supervision of the Designated Biologist shall excavate potential or known dens that exhibit signs of SJKF use or characteristics suggestive of SJKF dens (including dens in natural substrate and in/under man-made structures) that cannot be avoided as per Condition of Approval 7.20 only after the Designated Biologist has determined that SJKF is not currently present after four (4) consecutive nights of monitoring with tracking medium and infrared camera. Potential SJKF dens without any signs of SJKF use or characteristics suggesting it is a SJKF den may be excavated under the direct supervision of the Designated Biologist without advance tracking or camera monitoring. Natal dens shall not be excavated until the pups and adults have vacated the den and then only after concurrence from the USFWS and CDFW. If the excavation process reveals evidence of current use by SJKF, then den excavation shall cease immediately and tracking, or camera monitoring as described above, shall be conducted/resumed. Excavation of the den shall only resume when, in the judgment of the Designated Biologist, the SJKF has escaped from the partially excavated den. SJKF dens shall be carefully excavated until it is clear no individuals of SJKF are inside. Dens to be destroyed shall be fully excavated, filled with dirt and compacted to ensure that SJKF cannot reenter or use the den during the period that Covered Activities would occur in the Project Site. If an individual SJKF does not vacate a den within the Project Site within a reasonable timeframe, Permittee shall consult with CDFW and the USFWS to obtain written guidance (e-mail will suffice) from both agencies prior to proceeding with den destruction. An established SJKF den no disturbance buffer may be removed once the SJKF is no longer using the area.	ITP Condition # 7.21	Before commencing ground- or vegetation-disturbing activities	Designated Biologist	
21	<u>SJKF Den Replacement</u> . Permittee shall replace each known and natal SJKF den that cannot be avoided as per Condition of Approval 7.20 with an artificial den prior to den excavation described in Condition of Approval 7.21. Permittee shall install one artificial kit fox den for each known den and three artificial natal dens for each natal den to be collapsed due to unavoidable disturbance. Permittee shall install artificial dens within 100 meters of the collapsed den. Artificial natal dens shall be multi chambered and have multiple entrances. If greater than 10 suitable kit fox dens are located within a 100-meter radius of the collapsed Den, Permittee shall consult with CDFW about appropriate location for installation of artificial dens. Den replacement shall be completed in accordance with the CDFW-approved SJKF Den Replacement Plan required in Condition of Approval 6.4. Pre-construction surveys shall be conducted by the Designated Biologist as described in Condition of Approval 7.17 and avoidance measures as described in Conditions of Approval 7.18 and 7.20 shall be implemented prior to the installation of artificial dens.	ITP Condition # 7.23	Before commencing ground- or vegetation-disturbing activities	Permittee	
22	<u>Habitat Management Land Acquisition</u> . 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 with 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 Covered Species and habitat, and CDFW's estimate of the acreage required to provide for adequate compensation. As provided above, a majority of the Project occurs within the CLEP. The CLEP Conservation Easement provides specific compensation requirements for project impacts. Therefore, those requirements are applied when determining adequate compensation for Project related impacts provided below. To meet this requirement, the Permittee shall use existing Covered Species credits from its balance of conservation credits from the CLEP (Condition of Approval 8.1).	ITP Condition # 8	Before commencing ground- or vegetation-disturbing activities	Permittee	

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
23	<u>Covered Species Credits</u> . Prior to initiating Covered Activities, the Permittee shall (1) assign 6.5 acres of Covered Species credits from CLEP, and (2) provide CDFW with a copy of the mitigation or conservation credit certificate issued by CLEP and a credit ledger or similar document from CLEP verifying credits have been assigned to this Project. A copy of the credit certificate shall be kept at the Project Area while conducting Covered Activities.	ITP Condition # 8.1	Before commencing ground- or vegetation-disturbing activities	Permittee	
DURING CONSTRUCTION					
24	<u>Designated Biologist/Designated Monitor Authority</u> . To ensure compliance with the Conditions of Approval of the ITP, the Designated Biologist and Designated Monitor shall have authority to immediately stop any activity that does not comply with the ITP, and/or to order any reasonable measure to avoid the unauthorized take of an individual of the Covered Species.	ITP Condition # 5.3	Entire Project	Designated Biologist	
25	<u>Construction Monitoring Notebook</u> . The Designated Biologist shall maintain a construction-monitoring notebook on site 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 notebook is available for review at the Project Area upon request by CDFW.	ITP Condition # 5.5	Entire Project	Designated Biologist	
26	<u>Erosion Control Materials</u> . Permittee shall prohibit use of erosion control materials potentially harmful to Covered Species and other species, such as monofilament netting, photodegradable mesh (erosion control matting) or similar material, in potential Covered Species' habitat. Permittee shall only deploy erosion control mats, blankets, or coir rolls that consist of only natural-fiber, biodegradable materials.	ITP Condition # 5.8	Entire Project	Permittee	
27	<u>Dogs</u> . Permittee shall prohibit domestic dogs from the Project Area and site access routes during Covered Activities, except those in the possession of authorized security personnel or local, State, or federal law enforcement officials.	ITP Condition # 5.9	Entire Project	Permittee	
28	<u>Wildfire Avoidance</u> . Permittee or Permittee's contractors shall minimize the potential for human-caused wildfires by carrying water or fire extinguishers and shovels in all Project-related vehicles and equipment. The use of shields, protective mats, or use of other fire preventative methods shall be used during grinding and welding to minimize the potential for fire. Personnel shall be trained regarding the fire hazard for wildlife as part of the worker education program described in Condition of Approval 5.4.	ITP Condition # 5.10	Entire Project	Permittee	
29	<u>Project Access</u> . 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. Permittee shall ensure that vehicle speeds do not exceed 15 miles per hour to avoid Covered Species on or traversing the roads. If Permittee determines construction of routes for travel are necessary outside of the Project Area, the Designated Representative shall contact CDFW for written approval before carrying out such an activity. CDFW may require an amendment to the ITP, among other reasons, if additional take of Covered Species will occur as a result of the Project modification.	ITP Condition # 5.13	Entire Project	Permittee	
30	<u>Staging Areas</u> . Permittee shall confine all Project-related parking, storage areas, laydown sites, equipment storage, and any other surface-disturbing activities to the Project Area using, to the extent possible, previously disturbed areas. Additionally, Permittee shall not use or cross Covered Species' habitat outside of the marked Project Area unless provided for as described in Condition of Approval 5.11 of the ITP.	ITP Condition # 5.14	Entire Project	Permittee	

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
31	<u>Hazardous Waste.</u> Permittee shall immediately stop and, pursuant to pertinent state and federal statutes and regulations, arrange for repair and clean up by qualified individuals of any fuel or hazardous waste leaks or spills at the time of occurrence, or as soon as it is safe to do so. Permittee shall exclude the storage and handling of hazardous materials from the Project Area and shall properly contain and dispose of any unused or leftover hazardous products off-site.	ITP Condition # 5.15	Entire Project	Permittee	
32	<u>CDFW Access.</u> Permittee shall provide CDFW staff with reasonable access to the Project and mitigation lands under Permittee control and shall otherwise fully cooperate with CDFW efforts to verify compliance with or effectiveness of mitigation measures set forth in the ITP.	ITP Condition # 5.16	Entire Project	Permittee	
33	<u>Rodenticide Use.</u> Permittee shall prohibit the use of rodenticides in the Project Area.	ITP Condition # 5.18	Entire Project	Permittee	
34	<u>Notification of Non-compliance.</u> The Designated Representative or Designated Biologist shall immediately notify CDFW in writing (e-mail will suffice) if it determines that 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 this MMRP. The Designated Representative or Designated Biologist shall report any non-compliance with the ITP to CDFW within 24 hours.	ITP Condition # 6.2	Entire Project	Permittee	
35	<u>Compliance Monitoring.</u> The Designated Biologist shall be on site for the duration of the day when Covered Activities occur. The Designated Biologist shall conduct compliance inspections to (1) minimize incidental take of the Covered Species; (2) prevent unlawful take of species; (3) check for compliance with all measures of the ITP; (4) check all no disturbance exclusion buffers; and (5) ensure that signs, stakes, and fencing are intact, and that Covered Activities are only occurring within the discrete Project Area. The Designated Representative or Designated Biologist 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. The Designated Biologist shall conduct daily compliance inspections during active construction. The Designated Biologist shall conduct compliance inspections a minimum of once per week during periods of inactivity and after clearing, grubbing, excavation, and grading are completed.	ITP Condition # 6.5	Entire Project	Designated Biologist	
36	<u>Monthly Compliance Report.</u> The Designated Representative or Designated Biologist shall compile the observation and inspection records identified in Conditions of Approval 6.5 and 6.6 into a Monthly Compliance Report and submit it to CDFW along with a copy of this MMRP table with notes showing the current implementation status of each mitigation measure. Monthly Compliance Reports shall also include an accounting of the number of acres that have been permanently and temporarily disturbed by the Project, both for the prior month, and the total since ITP issuance, if applicable; the number of acres of habitat disturbance anticipated to occur in the Project Area during the coming month, if applicable; a summary of all pre activity surveys and compliance monitoring conducted during the previous month; and the activities authorized under the Covered Activities which occurred during the previous month. Monthly Compliance Reports shall be submitted via e-mail to CDFW's Regional Representative, CDFW's Regional Office, and Headquarters CESA Program no later than the 15th of each month following the first month after Covered Activities have commenced. At the time of the ITP's approval, the CDFW Regional Representative is Craig Bailey (Craig.Bailey@wildlife.ca.gov), the CDFW Regional Office e-mail is R4CESA@wildlife.ca.gov and Headquarters CESA Program e-mail is CESA@wildlife.ca.gov. CDFW may at any time increase the timing and number of compliance inspections and reports required under this provision depending upon the results of previous compliance inspections. If CDFW determines the reporting schedule must be changed, CDFW will notify Permittee in writing of the new reporting schedule.	ITP Condition # 6.7	Entire Project	Permittee	

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
37	<u>CNDDDB Observations.</u> The Designated Biologist shall submit all observations of Covered Species to CDFW's California Natural Diversity Database (CNDDDB) within 30 calendar days of the observation and the Designated Biologist shall include copies of the submitted forms with the next Monthly Compliance Report, whichever is submitted first relative to the observation.	ITP Condition # 6.8	Entire Project	Designated Biologist	
38	<u>Notification of Take or Injury.</u> Permittee shall immediately notify the Designated Biologist if a Covered Species is taken or injured by a Project-related activity, or if a Covered Species is otherwise found dead or injured within the vicinity of the Project. The Designated Biologist or Designated Representative shall provide initial notification to CDFW by calling the Regional Office at (559) 243-4005 and by e mail to the CDFW Regional Representative. The initial notification to CDFW shall include information regarding the location, species, and number of animals taken or injured and the ITP Number. Following initial notification, Permittee shall send CDFW a written report within two calendar days. The report shall include the date and time of the finding or incident, location of the animal or carcass, and if possible provide a photograph, explanation as to cause of take or injury, and any other pertinent information.	ITP Condition # 6.10	Entire Project	Permittee	
39	<u>Designated Biologist On Site.</u> The Designated Biologist shall be on site for the duration of the day during all activities that may result in the take of Covered Species.	ITP Condition # 7.1	Entire Project	Designated Biologist	
40	<u>Work Hours.</u> Permittee shall confine all surface- or vegetation-disturbing activities to daylight hours (sunrise to sunset). Permittee shall ensure that all vehicle traffic necessary during nighttime hours shall be conducted with extra caution to minimize impacts to nocturnal species. Nightwork may be permitted with written authorization from CDFW (e-mail will suffice).	ITP Condition # 7.2	Entire Project	Permittee	
41	<u>Lighting.</u> Permittee shall not use temporary, fixed, exterior lighting, including motion-triggered security lighting, that casts light on Covered Species habitat beyond the footprint of the Project Area between sunset and sunrise unless authorized in writing from CDFW. Temporary, exterior, fixed lighting at the Project Area shall be turned on only when people are present. Permittee shall not install permanent lighting at the Project Area.	ITP Condition # 7.3	Entire Project	Permittee	
42	<u>Equipment Fueling.</u> Permittee shall ensure that all equipment fueling and equipment maintenance occur at least 100 feet from Covered Species burrows. Permittee shall ensure that sufficient spill containment and cleanup equipment shall be present at all fueling locations.	ITP Condition # 7.5	Entire Project	Permittee	
43	<u>Vehicle Parking.</u> Permittee shall not allow vehicles to park on top of Covered Species burrows, except within designated staging areas for which burrows and dens have been excavated per Conditions of Approval 7.19 and 7.21. Vehicles left overnight shall be located at least 50 feet from of all Covered Species dens or burrows.	ITP Condition # 7.6	Entire Project	Permittee	
44	<u>Vehicle and Equipment Inspection.</u> Workers shall inspect for Covered Species under vehicles and equipment every time before the vehicles and equipment are moved. If a Covered Species is present, the worker shall notify the Designated Biologist and wait for the Covered Species to move unimpeded to a safe location. Alternatively, especially if a SJAS is inside the fenced Project Site, the Designated Biologist shall move the SJAS out of harm's way outside of the Project Site and in compliance with the approved SJAS Mortality Reduction and Relocation Plan required in Condition of Approval 6.3.	ITP Condition # 7.7	Entire Project	Permittee	
45	<u>Stockpiling Materials.</u> Permittee shall stockpile all materials and equipment in a manner that discourages Covered Species' use. In all locations, bundled or loose materials shall not be placed directly on the ground. These materials shall be elevated to discourage use by Covered Species.	ITP Condition # 7.8	Entire Project	Permittee	

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
46	<u>Soil Stockpiles</u> . Permittee shall ensure that soil stockpiles are placed where soil will not pass into any other "Waters of the State," in accordance with Fish and Game Code Section 5650. Permittee shall protect stockpiles to prevent soil erosion.	ITP Condition # 7.9	Entire Project	Permittee	
47	<u>Materials Inspection</u> . 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 structure is subsequently moved, buried, or capped. If during inspection, a Covered Species is discovered inside a pipe, culvert, or similar structure, workers shall notify the Designated Biologist and wait for the Covered Species to move unimpeded to a safe location before moving and utilizing the structure. Alternatively, especially if a SJAS is inside the fenced Project Site, the Designated Biologist shall move the SJAS out of harm's way outside of the Project Site and in compliance with the approved SJAS Mortality Reduction and Relocation Plan required Condition of Approval 6.3.	ITP Condition # 7.10	Entire Project	Permittee	
48	<u>Excavation Inspection</u> . The Designated Biologist and/or Designated Monitor shall inspect all trenches, open holes, sumps, and other excavations within the Project Area at the beginning and end of each day for trapped animals. All trenches, holes, sumps, and other excavations with sidewalls steeper than a 1:1 (45 degree) slope shall be covered when workers or equipment are not actively working in the excavation, which includes cessation of work overnight, or shall have an escape ramp of earth or a non-slip material with a less than 1:1 (45 degree) slope. To prevent inadvertent entrapment of the Covered Species, the Designated Biologist and/or Designated Monitor shall oversee the covering of all trenches, holes, sumps, or other excavations with sidewalls greater than 1:1 (45 degree) slope of any depth with barrier material (such as hardware cloth) at the close of each working day such that animals are unable to dig or squeeze under the barrier and become entrapped. The outer two feet of excavation cover shall conform to solid ground so that gaps do not occur between the cover and the ground and secured with soil staples or similar means to prevent gaps. Each morning, end of each day (including weekends and any other non-work days), and immediately before trenches, holes, sumps, or other excavations are back filled, the Designated Biologist and/or Designated Monitor shall thoroughly inspect them for Covered Species. Designated Biologist and/or Designated Monitor shall also thoroughly inspect any trenches, holes, sumps, or other excavations that are covered long-term at the beginning of each working day to ensure inadvertent entrapment has not occurred and shall make any necessary repairs to the cover. If any worker discovers a Covered Species has become trapped, Permittee shall cease all Covered Activities in the vicinity and notify the Designated Biologist immediately. Project workers and the Designated Biologist shall allow the Covered Species to escape unimpeded if possible before Covered Activities are allowed to continue. Alternatively, especially if a SJAS is inside the fenced Project Site, the Designated Biologist shall move the SJAS out of harm's way outside of the Project Site and in compliance with the approved SJAS Mortality Reduction and Relocation Plan required Condition of Approval 6.3.	ITP Condition # 7.11	Entire Project	Designated Biologist / Permittee	

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
49	<u>Pipes and other Structures Entrapment Prevention.</u> Permittee shall ensure that all pipes, hoses, conduit, culverts, or similar materials stockpiled or installed in the Project Area are capped or otherwise enclosed at the ends to prevent entry by Covered Species. Permittee shall not leave any permanent pipes, conduit, electrical cabinets, or similar materials or structures open where Covered Species may enter them and become trapped. The Designated Biologist and/or Designated Monitor shall thoroughly inspect all such materials for Covered Species before they are moved, buried, or capped. If a Covered Species is discovered inside such material, that section of material shall not be moved until the animal has escaped of its own accord. If a Covered Species inside such materials does not vacate of its own accord within a reasonable timeframe, CDFW shall be contacted and Permittee shall get written concurrence prior to proceeding with eviction of the Covered Species.	ITP Condition # 7.12	Entire Project	Permittee	
50	<u>Covered Species Observations.</u> All workers shall inform the Designated Biologist if the Covered Species is seen within or near the Project Area during implementation of any Covered Activity. All work in the vicinity of the Covered Species, which could harm the animal, shall cease until the Covered Species moves from the Project Area of its own accord or the Designated Biologist moves a SJAS out of harm's way outside of the Project Area and in compliance with the approved SJAS Mortality Reduction and Relocation Plan required in Condition of Approval 6.3.	ITP Condition # 7.13	Entire Project	Permittee	
51	<u>Unblocking Temporarily Blocked SJKF Dens.</u> SJKF dens blocked as per Condition of Approval 7.20 shall be unblocked (material at entrance removed) within 48 hours of the cessation of active construction activities and when the Designated Biologist(s) determines that potential resumed use will not result in harm to SJKF.	ITP Condition # 7.22	Entire Project	Permittee	
52	<u>Covered Species Injury.</u> If a Covered Species is injured as a result of Project-related activities, the Designated Biologist shall immediately take it to a CDFW-approved wildlife rehabilitation or veterinary facility. Permittee shall identify the facility before starting Covered Activities. Permittee shall bear any costs associated with the care or treatment of such injured Covered Species. The Permittee shall notify CDFW of the injury to the Covered Species immediately by telephone and e-mail followed by a written incident report as described in Condition of Approval 6.10. Notification shall include the name of the facility where the animal was taken.	ITP Condition # 7.24	Entire Project	Permittee	
POST-CONSTRUCTION					
53	<u>Refuse Removal.</u> 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 # 5.17	Post-construction	Permittee	
54	<u>Final Mitigation Report.</u> No later than 45 days after completion of all mitigation measures, Permittee shall provide CDFW with a Final Mitigation Report as described in Condition of Approval 6.7. The Designated Biologist shall prepare the Final Mitigation Report which shall include, at a minimum: (1) a summary of all Monthly Compliance Reports; (2) a copy of the table in this MMRP with notes showing when each of the mitigation measures was implemented; (3) all available information about Project-related incidental take of the Covered Species; (4) information about other Project impacts on the Covered Species; (5) beginning and ending dates of Covered Activities; (6) an assessment of the effectiveness of the ITP's Conditions of Approval in minimizing and fully mitigating Project impacts of the taking on Covered Species; (7) 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 (8) any other pertinent information.	ITP Condition # 6.9	Post-construction	Permittee	

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
55	CDFW accepts the Final Mitigation Report as complete.	ITP Condition # 6.9	Post-construction	CDFW	