

California Department of Fish and Wildlife Central Region 1234 East Shaw Avenue Fresno, California 93710

California Endangered Species Act Incidental Take Permit No. 2081-2023-043-04

CACHE CREEK WATER PIPELINE REPLACEMENT PROJECT

I. Authority:

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

Permittee: Mojave Public Utility District

Principal Officer: Damian Rickman, General Manager

Contact Person: Damian Rickman, (661) 824-4161

Mailing Address: 15844 K Street

Mojave, California 93501

II. Effective Date and Expiration Date of this ITP:

This ITP is effective as of the date signed by CDFW below. Unless renewed by CDFW, this ITP and its authorization to take the Covered Species shall expire on **September 30, 2029**.

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 <u>Final Mitigation Report</u> 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.

III. Project Location:

The proposed Cache Creek Pipeline Replacement Project (Project) includes the installation of approximately 6 miles of potable water pipeline south and north of the Union Pacific Railroad (UPRR) right-of-way (ROW) and State Highway 58, between the City of Tehachapi and the community of Cache Creek in Kern County, California (Figue 1). Specifically, the pipeline would be located within Sections 34, 35, and 36 of Township 32 South, Range 34 East, Mount Diablo Principal Meridian (M.D.M.), and Sections 27, 28, 29, 30, 31, and 32 of Township 32 South, Range 35 East, M.D.M. With the exception of a few sections of United States Bureau of Land Management (BLM) administered public land, the alignment would be within utility easements along private property.

IV. Project Description:

The proposed Project includes replacement and relocation of approximately 6 miles of new combination 8-inch to 10-inch diameter potable water pipeline within a 40-foot construction easement. The 40-foot construction easement includes a 20-foot permanent ROW (Development Area) and a 20-foot temporary ROW extending 10-feet beyond either side of the 20-foot permanent ROW. An inspection of the pipeline in January 2015 revealed several locations where the pipeline is no longer buried and is exposed to the creek and/or UPRR operations. The existing pipeline is critical to Mojave Public Utility District (MPUD) operations as it provides the only supply of potable water to the community of Cache Creek and the California Highway Patrol (CHP) station.

The Project will run roughly parallel to the UPRR and State Highway 58 ROW between the City of Tehachapi and the community of Cache Creek in Kern County, California. The pipeline trenching and replacement will begin approximately 400 feet west of Cameron Road and will stay to the south of the UPRR tracks to a point about 8,600 feet easterly of Cameron Road. From there, the pipeline will be bored and jacked under Cache Creek, the UPRR tracks, and State Highway 58. The pipeline will run north of State Highway 58 along the Pacific Crest Trail (PCT) for a short segment. It will then cross the La Rose Creek with a bored and jacked crossing. From there, the pipeline will run northeast along a series of defined dirt roadways that are used for access across the mountains north of State Highway 58, to a point north of the CHP station. From there, the pipeline will run easterly along the same defined dirt access routes across the slopes of the mountains north of State Highway 58 to the point of connection with the Cache Creek water system. The entire length of the alignment for this pipeline relocation is approximately 6 miles, of which approximately 2 miles is within lands managed by BLM that require a ROW Grant. The remainder of the alignment would be located within utility easements along private property. The proposed pipeline alignment is through rough, mountainous, and open space terrain and along dirt access roads.

Site Preparation

A mow-and-roll technique would be used to remove surface vegetation and keep root balls in place. This technique would be used when practical along undisturbed areas (not located within established dirt roads and access paths) of the 20-foot permanent ROW through BLM managed lands. Excess spoil from trenching will be balanced across the alignment, used to

level the PCT, or exported offsite. Additionally, the top 6 inches of soils would be separated from subsoils by windrowing and set aside to be respread over the alignment post-construction to promote revegetation in Project disturbed areas. Work within BLM managed lands would be conducted in accordance with the policies outlined by BLM in the approved Cache Creek Water Pipeline Replacement Project Habitat Restoration Plan. Remnants of road surfacing that currently exist along the pipeline alignment would be crushed in place and used as fill material within the pipeline trench.

Pipeline Installation

MPUD proposes to install approximately 6 miles of 8-inch and 10-inch-diameter underground pipeline and associated appurtenances such as valves and blow-offs. Pipeline materials are proposed to be American Water Works Association C900 DR14 PVC and Ductile Iron. The trench and pipeline depth would range from a minimum of 5 feet to the bottom (providing 4-foot minimum cover over the pipe) up to a total depth of approximately 16 feet in a few locations. Trench side slopes would be 1.5:1 (horizontal:vertical) in accordance with California Occupational Safety and Health Act (CAL OSHA) requirements for trench safety and stability. Alternatively, trench sides may be vertical if shored per CAL OSHA requirements. The average trench bottom width would be about 3 feet. As much as possible, the trench side slopes of the pipeline alignment will be moved to encroach into the previously disturbed PCT.

Pipeline installation is estimated at a rate of 250 feet per day. The daily work area will be approximately 500 feet long by 40 feet wide. Excess spoil from trenching operations may also be used to set grade along the access road on top of the pipe. Soils used for grading would not include large rocks. Pipeline backfill is anticipated to be native material. All open trenches would be backfilled or fenced off at the end of each working day and trenches would be backfilled once the segment of pipeline was installed.

Slopes and grades will be returned to approximate existing conditions at the completion of construction operations. A Storm Water Pollution Prevention Plan will be prepared prior to construction and will include Best Management Practices such as the installation of silt fencing along disturbed slopes to prevent soil erosion. Assuming an unshored trench, earthwork for this phase of construction, in total, is estimated at 84,500 cubic yards. Overall pipeline installation operations are estimated to take place over a period of about 12 months.

Construction equipment staging and material storage areas will be located along the Pipeline Alignment within the 20-foot Permanent right-of-way (Development Area). Typical pipeline installation equipment is anticipated to include, but is not limited to, the following:

- two hydraulic excavators (180-horsepower [hp]) or compact excavators;
- one off-highway truck (479-hp);
- one motor grader (174-hp) or mini-grader;
- two water trucks (200-hp):
- one wheeled loader (165-hp);
- one skip loader (88-hp); and
- one backhoe (108-hp) or compact backhoe.

Construction Site Restoration

Following the completion of construction, any excess spoils would be distributed across the alignment to restore original contours, and final excess soil would be disposed of off site. Topsoil and vegetation that was windrowed within undisturbed areas and set aside during clear and grub efforts would be spread across the alignment to promote revegetation. Several of the plant species are anticipated to regenerate post-construction due to the lower-impact, mow-and-roll technique used in lieu of large-scale grading. Restoration of the alignment would be in accordance with the Project's Habitat Restoration Plan (HRP) required by the Bureau of Land Management and the Project's Mitigated Negative Declaration Mitigation.

The HRP provides procedures for cactus and yucca salvage if impacts to these species are determined unavoidable. The California State-threatened (Candidate) western Joshua tree (Yucca brevifolia), as well as silver cholla (Cylindropuntia echinocarpa), Bakersfield cactus (Opuntia basilaris var. treleasei), beavertail cactus (Opuntia basilaris var. basilaris), and chaparral yucca (Hesperoyucca whipplei) occur along the alignment and must be avoided or salvaged if feasible.

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

This ITP covers the following species:

Name
1. Bakersfield cactus (*Opuntia basilaris* var. *treleasei*)
2. Western Joshua tree (*Yucca brevifolia*)
CESA Status³
Endangered⁴
Candidate⁵

These species and only these species are the "Covered Species" for the purposes of this ITP.

VI. Impacts of the Taking on Covered Species:

Project activities and their resulting impacts are expected to result in the incidental take of up to 279 western Joshua trees and their associated seedbank within the 16-acre Development Area (20-foot permanent ROW) (Figures 3A-3H). No western Joshua trees will be removed within the temporary ROW. The Project activities and their resulting impacts are expected to result in incidental take of up to 20 Bakersfield cacti within the permanent ROW. No Bakersfield cacti will be removed within the temporary ROW (Figures 4A-4H). The construction activities and HRP described in the Project Description that are expected to result in the incidental take of individuals and the associated seed bank of the Covered Species include clearing, grubbing, and grading; removing vegetation (Figures 2A-2I); leveling (cut/fill); backfilling and compacting of soil; operating motorized heavy equipment; vibrating piles or posts; construction and use of temporary staging and storage areas; trenching and excavation; transporting construction materials and other Project-related traffic;

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

⁴See Cal. Code Regs., tit. 14, § 670.2, subd. (a)(6)(A).

⁵The species status may change following the decision of the Fish and Game Commission to designate the species as threatened or endangered but if there is such a designation, the species will remain a Covered Species.

habitat restoration activities associated with the HRP; and other Project-related 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 removal and disposal of individual trees; decline and death resulting from damaged root systems; destruction and/or damage to seedbank through use of heavy equipment; crushing and/or burying live seeds in the soil rendering them inviable; entombment of the seedbank from the construction of permanent structures; crushing or damaging germinating seeds or emergent seedlings through use of heavy equipment and/or the storage of soil or materials; excavating all or part of one individual; dislodging pads from one or more individuals; erosion of substrates supporting individuals which could cause uprooting and/or could make substrates unsuitable for growth; creating fugitive dust that may hinder photosynthesis, and modifying habitat. Incidental take of individuals of the Covered Species may also occur from the Covered Activities in the form of capture of the Covered Species from the translocation of individuals to a CDFW approved area. The areas where authorized take of the Covered Species is expected to occur include the permanent and temporary ROW (collectively, the Project Area).

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). Potential indirect impacts include: increased fragmentation and edge effects; destruction or modification of Covered Species habitat; potential mortality of western Joshua tree obligate pollinating Yucca moth (*Tegeticula synthetica*) during its dormancy within the soil or in its flight phase leading to compromised sexual recruitment of new individual western Joshua tree in the Project Area vicinity; suppressed activity of the Yucca moth due to artificial lighting at night during construction or during the long-term operation of the facility; and mortality or disruption to the behavior of seed dispersing rodents leading to compromised germination success.

The Project is expected to cause the temporary loss of 6.9 acres of habitat for western Joshua tree and up to 20 individual Bakersfield cacti. Of the 6.9 acres, 4.4 acres is previously disturbed due to the portions of the pipeline alignment that are within the PCT.

VII. Incidental Take Authorization of Covered Species:

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

VIII. Conditions of Approval:

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

- **1. Legal Compliance:** Permittee shall comply with all applicable federal, State, and local laws in existence on the effective date of this ITP or adopted thereafter.
- 2. CEQA Compliance: Permittee shall implement and adhere to the mitigation measures related to the Covered Species in the Biological Resources section of the Mitigated Negative Declaration and Initial Study (SCH No.: 2019099019) certified by Mojave Public Utility District on January 9, 2020, as lead agency for the Project pursuant to the California Environmental Quality Act (CEQA) (Pub. Resources Code, § 21000 et seq.).
- 3. LSA Agreement Compliance: Permittee shall implement and adhere to the mitigation measures and conditions related to the Covered Species in the Lake and Streambed Alteration Agreement (LSAA) (Notification No. EPIMS-KER-34434-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. <u>Designated Representative</u>. Before starting Covered Activities, Permittee shall designate a representative (Designated Representative) responsible for communications with CDFW and overseeing compliance with this ITP. Permittee shall notify CDFW in writing before starting Covered Activities of the Designated Representative's name, business address, and contact information, and shall notify CDFW in writing if a substitute Designated Representative is selected or identified at any time during the term of this ITP.
- 5.2. Designated Biologist(s) and Designated Monitor(s). Permittee shall submit to CDFW in writing the name, qualifications, business address, contact information, and references with contact information of Designated Biologist(s) and Designated Monitor(s) using the Biologist Resume Example (Attachment 2) or another format containing the same information. This information shall be submitted for CDFW review and approval at least 30 days before starting Covered Activities. The Designated Biologist(s) shall be responsible for monitoring Covered Activities to help minimize and fully mitigate or avoid the incidental take of the Covered Species and to minimize disturbance of Covered Species' habitat. The Designated

Monitor(s) shall assist the Designated Biologist(s) in compliance monitoring under direction/supervision of the Designated Biologist(s). Designated Monitor responsibilities will be restricted to a specific set of Conditions of Approval where allowed by this ITP, and as specified by the Permittee or Designated Representative at the time their qualifications are submitted for review. Permittee shall ensure that the Designated Biologist(s) and Designated Monitor(s) are knowledgeable and experienced in the Covered Species' biology, natural history, collecting and handling, as well as excavating burrows/crevices to minimize mortality and monitoring construction activities following the Conditions of Approval of an ITP for the Covered Species. The Designated Biologist(s) and Designated Monitor(s) shall be responsible for monitoring Covered Activities to help minimize and fully mitigate or avoid the incidental take of individual Covered Species and to minimize disturbance of Covered Species' habitat. Permittee shall obtain CDFW approval of the Designated Biologist(s) and Designated Monitor(s) in writing before starting Covered Activities and shall also obtain approval in advance, in writing, if the Designated Biologist(s) or Designated Monitor(s) must be changed.

- 5.3. Designated Biologist and Designated Monitor Authority. To ensure compliance with the Conditions of Approval of this ITP, the Designated Biologist and/or Designated Monitor shall immediately stop any activity that does not comply with this ITP and/or order any reasonable measure to avoid the unauthorized take of an individual of the Covered Species. Permittee shall provide unfettered access to the Project Area and otherwise facilitate the Designated Biologist and/or Designated Monitor in the performance of his/her duties. If the Designated Biologist and/or Designated Monitor is unable to comply with the ITP, then the Designated Biologist and/or Designated Monitor shall notify the CDFW Representative immediately. Permittee shall not enter into any agreement or contract of any kind, including but not limited to non-disclosure agreements and confidentiality agreements, with its contractors and/or Designated Biologist and/or Designated Monitor that prohibit or impede open communication with CDFW, including but not limited to providing CDFW staff with the results of any surveys, reports, or studies or notifying CDFW of any non-compliance or take. Failure to notify CDFW of any non-compliance or take or injury of a Covered Species as a result of such agreement or contract may result in CDFW taking actions to prevent or remedy a violation of this ITP.
- 5.4. Education Program. Permittee shall conduct an education program for all persons employed or otherwise working in the Project Area before performing any work. The program shall consist of a presentation from the Designated Biologist that includes a discussion of the biology and general behavior of the Covered Species, information about the 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 prepare and distribute wallet-sized cards or a fact sheet handout containing this information for workers to carry in the Project Area. Permittee shall provide interpretation for non-

English speaking workers, and the same instruction shall be provided to any new workers before they are authorized to perform work in the Project Area. Upon completion of the program, employees shall sign a form stating they attended the program and understand all protection measures. This training shall be repeated at least once annually for long-term and/or permanent employees that will be conducting work in the Project Area.

- 5.5. Construction Monitoring Documentation. The Designated Biologist(s) and Designated Monitor(s) shall maintain construction-monitoring documentation onsite in either hard copy or digital format throughout the construction period, which shall include a copy of this ITP with attachments and a list of signatures of all personnel who have successfully completed the education program. Permittee shall ensure a copy of the construction-monitoring documentation is available for review at the Project site upon request by CDFW.
- 5.6. <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, ideally at daily intervals but at least once a week, to avoid attracting opportunistic predators such as ravens, coyotes, and feral dogs.
- 5.7. <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.
- **5.8.** <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 (erosion control matting) or similar material, in potential Covered Species' habitat.
- 5.9. Delineation of Work Area Boundaries. A Work Area is defined as the discrete zone(s) within the Project Area where Covered Activities will actively occur. Before starting Covered Activities at each phase of development, the Permittee shall clearly delineate the boundaries of the active Work Area where the Covered Activities will occur with fencing, stakes, or flags. 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 that Work Area.
- **5.10.** <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.

- 5.11. Project Access. Project-related personnel shall access the Project Area using existing routes and shall not cross Covered Species' habitat outside of or en route to the Project Area. Permittee shall restrict Project-related vehicle traffic to established roads, staging, and parking areas. If Permittee determines construction of routes for travel are necessary outside of the Project Area, the Designated Representative shall contact CDFW for written approval before carrying out such an activity. CDFW may require an amendment to this ITP, among other reasons, if additional take of Covered Species will occur as a result of the Project modification.
- 5.12. 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 Project Access of this ITP.
- 5.13. <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.
- **5.14.** CDFW Access. Permittee shall provide CDFW staff with reasonable access to the Project and shall otherwise fully cooperate with CDFW efforts to verify compliance with or effectiveness of mitigation measures set forth in this ITP.
- **5.15.** 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.
- 5.16. 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 the Covered Species and wildlife as part of the worker education program (refer to Condition of Approval Education Program.).

6. Monitoring, Notification and Reporting Provisions:

6.1. Notification Before Commencement. The Designated Representative shall notify CDFW at no more than 14 calendar days before starting Covered Activities and

- shall document compliance with all pre-Project Conditions of Approval before starting Covered Activities.
- 6.2. Notification of Non-compliance. The Designated Representative shall immediately notify CDFW if the Permittee is not in compliance with any Condition of Approval of this ITP, including but not limited to any actual or anticipated failure to implement measures within the time periods indicated in this ITP and/or the MMRP. The Designated Representative shall follow up within 24 hours with a written report to CDFW describing, in detail, any non-compliance with this ITP and suggested measures to remedy the situation.
- **Compliance Monitoring**. The Designated Biologist shall be on-site daily when Covered Activities occur. The Designated Biologist shall conduct compliance inspections a minimum of once weekly during periods of inactivity and after clearing, grubbing, and grading are completed. The Designated Biologist shall conduct compliance inspections to:
 - (1) minimize incidental take of the Covered Species;
 - (2) prevent unlawful take of species;
 - (3) check for compliance with all measures of this ITP;
 - (4) check all exclusion zones; and
 - (5) ensure that signs, stakes, and fencing are intact, and that Covered Activities are only occurring in the Project Area.

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

Biologist shall compile the observation and inspection records identified in Condition of Approval Compliance Monitoring into a Quarterly 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. Quarterly Compliance Reports shall be submitted to the CDFW offices listed in the Notices section of this ITP and via e-mail to CDFW's Regional Representative and Headquarters CESA Program. At the time of this ITP's approval, the CDFW Regional Representative is Shaelyn Latronica (Shaelyn.Latronica@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.
- 6.5. Annual Status Report. Permittee shall provide CDFW with an Annual Status Report (ASR) no later than January 31 of every year beginning with issuance of this ITP and continuing until CDFW accepts the Final Mitigation Report identified below. Each ASR shall include, at a minimum: (1) a summary of all Quarterly Compliance Reports for that year identified in Condition of Approval Quarterly Compliance Report: (2) a general description of the status of the Project Area and Covered Activities, including actual or projected completion dates, if known; (3) a copy of the table in the MMRP with notes showing the current implementation status of each mitigation measure; (4) an assessment of the effectiveness of each completed or partially completed mitigation measure in avoiding, minimizing and mitigating Project impacts; (5) all available information about Project-related incidental take of the Covered Species; (6) an accounting of the number of acres subject to both temporary and permanent disturbance, both for the prior calendar year, and a total since ITP issuance; and (7) information about other Project impacts on the Covered Species.
- 6.6. CNDDB Observations. The Designated Biologist shall submit all observations of Covered Species to CDFW's California Natural Diversity Database (CNDDB) within 60 calendar days of the observation and the Designated Biologist shall include copies of the submitted forms with the next Quarterly Compliance Report or ASR, whichever is submitted first relative to the observation.
- 6.7. Final Mitigation Report. No later than 45 days after completion of all mitigation measures, Permittee shall provide CDFW with a Final Mitigation Report. The Designated Biologist shall prepare the Final Mitigation Report which shall include, at a minimum: (1) a summary of all Quarterly Compliance Reports and all ASRs; (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.
- 6.8. Notification of Take or Damage. Permittee shall immediately notify the Designated Biologist if a Covered Species is taken or damaged by a Project-related activity, or if a Covered Species is otherwise found dead or damaged within the vicinity of the Project. The Designated Biologist or Designated Representative shall provide initial notification to CDFW by contacting the Regional office at R4CESA@wildlife.ca.gov. The initial notification to CDFW shall include information regarding the location,

species, and number of plants taken or damaged 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 plant or carcass, and if possible, provide a photograph, explanation as to cause of take or damage, and any other pertinent information. The written report shall be submitted via e-mail to the Regional Representative and Regional Office.

- **7. Take Minimization Measures:** The following requirements are intended to ensure the minimization of incidental take of Covered Species in the Project Area during Covered Activities. Permittee shall implement and adhere to the following conditions to minimize take of Covered Species:
 - **7.1.** <u>Designated Biologist On Site</u>. A Designated Biologist shall be on site daily during all ground or vegetation disturbing Covered Activities.
 - **7.2.** <u>Delineation of Ingress and Egress Routes</u>. Permittee shall flag or otherwise clearly mark all access roads in the field from established roads and vehicle operation shall be limited to these designated ingress and egress routes.
 - 7.3. Equipment Fueling, Water and Restroom Facilities. Permittee shall ensure that mobile equipment fueling, equipment maintenance, and construction employee water and restroom facilities are located at least 50 feet from Covered Species individuals unless approved in advance and in writing by CDFW. Additionally, these facilities shall include containment devices that will preclude fuel or other liquids from exiting the area in the event of a spill or leak. Permittee shall ensure that sufficient spill containment and cleanup equipment are present at all mobile, temporary, and permanent equipment fueling, equipment maintenance, and construction employee water and restroom facilities locations.
 - 7.4. Herbicide Use. Permittee shall ensure that all herbicide use (mixing, application, and clean-up) is confined to a Work Area and is otherwise not conducted within 50 feet of Covered Species individuals that are on or adjacent to the Project Area. Herbicide application shall be conducted by a licensed applicator in accordance with all applicable State, federal, and local laws and regulations. Permittee shall only apply herbicide via ground application when wind speed measures less than 10 miles per hour. All herbicide used within a Work Area shall contain a dye to prevent overapplication or overspray. Permittee shall ensure that care is taken to avoid herbicide contact with any native vegetation outside the boundaries of the Project Area.
 - **7.5.** Rodenticides and Insecticides. Permittee shall not use rodenticides and/or insecticides at the Project Area without written approval from CDFW. A request for approval shall include a written description identifying the need for rodenticides or insecticides and a description of the products to be used. Second-generation

- anticoagulant rodenticides (brodifacoum, bromadiolone, difethialone, and difenacoum) shall not be approved.
- **7.6.** Soil Stockpiles. Permittee shall ensure that soil stockpiles are placed where soil will not pass into any "Waters of the State" in accordance with Fish and Game Code section 5650. Permittee shall protect stockpiles to prevent soil erosion.
- 7.7. Road Resurface Fill. Permittee shall ensure that any road surfacing remnant that is crushed and used as fill material will be placed in locations that it will not pass into any "Waters of the State" in accordance with Fish and Game Code section 5650.
- 7.8. Erosion Control Seed Application. In areas where application of seed is desired for erosion control purposes, Permittee shall submit a written description of the proposed seed mixture, substrate, and application method to CDFW for written approval prior to each application for the duration of this ITP. The seed mix shall be composed of a blend of a locally native grass, wildflower, and/or shrub species. A weed-free straw or mulch may be used. Sterile non-native perennial grass species may be used, provided the amount does not exceed 25 percent of the total seed mix by count.
- 7.9. <u>Invasive Species</u>. Permittee shall conduct Covered Activities in a manner that prevents the introduction, transfer, and spread of invasive species, including plants, animals, and microbes (e.g., algae, fungi, parasites, bacteria, etc.), to the Project Area and adjacent Covered Species habitat. Prevention best management practices and guidelines for invasive plants can be found on the California Invasive Plant Council's website at <u>Prevention California Invasive Plant Council</u> (calipc.org).
- 7.10. Pre-Construction Surveys. The Designated Biologist(s) shall perform pre-construction surveys for Covered Species no more than 30 days prior to conducting Covered Activities within a given Work Area. Surveys shall include 100 percent coverage of each Work Area undergoing Covered Activities and a 50-foot buffer. All potential and known Covered Species individuals detected shall be flagged and mapped. The Designated Biologist shall submit a report documenting the results of the pre-construction surveys to CDFW no less than five days prior to starting Covered Activities in each Work Area.
- 7.11. Covered Species Avoidance. All Covered Species individuals that will not be directly impacted by ground-disturbing activities shall be protected with a minimum 50-foot buffer. Brightly colored pin flags will be placed at or around each avoided individual or avoided group of individuals at least 2 work days ahead of a given days planned ground disturbance footprint. The flagged avoidance areas shall be located in accordance with direction from the Designated Biologist(s). Flagging shall be removed from each 0.5-mile segment within 48 hours of completion of Covered Activities in that 0.5-mile segment. Buffer reduction requests may be

considered; any buffer reduction requests shall be submitted to CDFW in writing and shall include the distance of the reduced buffer and an analysis of potential risks to the Covered Species, including but not limited to, potential risks from erosion, changes in hydrology, dust, or chemical drift. A buffer reduction shall not be implemented without written approval from CDFW. Permittee may use posted signs, posting stakes, rope or cord, and/or fencing as an alternative to brightly colored pin flags with written permission from CDFW.

- 7.12. Vegetation Restoration Plan. Permittee shall restore on-site the 6.9 acres of Covered Species habitat that will be temporarily disturbed during construction to pre-project or better condition. Within six months of issuance of this ITP, the Permittee shall prepare a Vegetation Restoration Plan to facilitate revegetation of the 6.9 acres of temporary construction disturbance on-site and shall ensure that the Plan is successfully implemented. The Plan shall include detailed specifications for restoring all temporarily disturbed areas, such as seed mixes and application methods. The Vegetation Restoration Plan shall also indicate the best time of year for seeding to occur. Alternatively, the Permittee may submit the HRP described in the Project Description for CDFW review and written approval to fulfill this requirement.
- 7.13. <u>Bakersfield Cactus Salvage Plan</u>. The Designated Biologist shall salvage Bakersfield cactus individuals that cannot be avoided as required in Condition of Approval <u>Covered Species Avoidance</u> prior to the start of Covered Activities in each Work Area. The Designated Biologist shall replant Bakersfield cactus within each Work Area, where Bakersfield cactus were removed, after temporary disturbance is completed. The Designated Biologist shall submit a Bakersfield Cactus Salvage Plan to CDFW for review and written approval prior to salvage and replanting of any Bakersfield cactus individuals.
- **7.14.** Western Joshua Tree Removal. The Designated Biologist shall supervise removal of western Joshua trees that cannot be avoided as required in Condition of Approval Covered Species Avoidance prior to the start of Covered Activities in each Work Area.
- 7.15. Topsoil Salvage. When a western Joshua tree is removed, Permittee shall ensure topsoil is salvaged and deposited in an area on-site where western Joshua tree will be avoided/conserved, giving priority to proposed recipient sites with nutrient-poor soil. If needed, topsoil stockpiles will be covered with coarse aggregate for protection from wind and water erosion.
- 7.16. Western Joshua Tree Stockpiles. If dead and/or removed western Joshua trees are stockpiled on site, they shall not be placed within 50 feet (approximately 15 meters) of avoided western Joshua trees or Bakersfield cactus.

8. Habitat Management Land Acquisition and Enhancement Fund: 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 western Joshua tree that will result from implementation of the Covered Activities. CDFW has determined that, along with the salvage requirement described above, funding to benefit Bakersfield cactus at an existing CDFW Bakersfield cactus ecological reserve is necessary and required pursuant to CESA to fully mitigate impacts of the Project-related taking on the Covered Species. This determination is based on factors including an assessment of the importance of the habitat in the Project Area, the extent to which the Covered Activities will impact the habitat, and CDFW's estimate of the protected acreage and funding required to provide for adequate compensation.

To meet this requirement, the Permittee shall purchase 5 acres of western Joshua tree credits from a CDFW-approved mitigation or conservation bank pursuant to Condition of Approval Western Joshua Tree Credits and provide funding pursuant to Condition of Approval CDFW Ecological Reserve Enhancement Funding below.

- 8.1. Western Joshua Tree Credits. Permittee shall purchase 5 acres of western Joshua tree credits from a CDFW-approved mitigation or conservation bank prior to initiating Covered Activities. Prior to purchase of western Joshua tree credits, Permittee shall obtain CDFW approval to ensure the mitigation or conservation bank is appropriate to compensate for the impacts of the Project. Permittee shall submit to CDFW a copy of the Bill of Sale(s) and Payment Receipt prior to initiating Covered Activities.
- 8.2. CDFW Ecological Reserve Enhancement Funding. Funding to enhance management activities at a CDFW Ecological Reserve that supports Bakersfield cactus is necessary to fully mitigate the impact of the Project-related taking of Bakersfield cactus. Permittee shall provide a one-time payment of \$38,377.90 to CDFW along with the Mitigation Payment Transmittal Form (Attachment 3) to provide for fencing and to address trespass impacts to Bakersfield cactus on the Ecological Reserve. Funding to CDFW must be completed before starting Covered Activities.

IX. Amendment:

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

X. Stop-Work Order:

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

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

XI. Compliance with Other Laws:

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

XII. Notices:

Written notices, reports and other communications relating to this ITP shall be delivered to CDFW by email or registered first class mail at the following address, or at addresses CDFW may subsequently provide the Permittee. Notices, reports, and other communications shall reference the Project name, Permittee, and ITP Number (2081-2023-043-04) in a cover letter and on any other associated documents.

Original cover with attachment(s) to:

Julie A. Vance, Regional Manager California Department of Fish and Wildlife Central Region 1234 East Shaw Avenue Fresno, California 93710 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:

Shaelyn Latronica
California Department of Fish and Wildlife
Central Region
1234 East Shaw Avenue
Fresno, California 93710
Telephone (559) 246-2584
Shaelyn.Latronica@wildlife.ca.gov

XIII. Compliance with the California Environmental Quality Act:

CDFW's issuance of this ITP is subject to CEQA. CDFW is a responsible agency pursuant to CEQA with respect to this ITP because of prior environmental review of the Project by the lead agency, Mojave Utility District. (See generally Pub. Resources Code, §§ 21067, 21069.) The lead agency's prior environmental review of the Project is set forth in the Mitigated Negative Declaration, (SCH No.: 2019099019) dated September 2019 that the Mojave Utility District adopted for Cache Creek Pipeline Replacement Project on January 9, 2020. At the time the lead agency adopted the Mitigated Negative Declaration and approved the Project, it also adopted various mitigation measures for the Covered Species as conditions of Project approval.

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

XIV. Findings Pursuant to CESA:

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

CDFW finds based on substantial evidence in the ITP application, Cache Creek Pipeline Replacement Project, the results of site visits and consultations, and the administrative record of proceedings, that issuance of this ITP complies and is consistent with the criteria governing the issuance of ITPs pursuant to CESA:

- (1) Take of Covered Species as defined in this ITP will be incidental to the otherwise lawful activities covered under this ITP;
- (2) Impacts of the taking on Covered Species will be minimized and fully mitigated through the implementation of measures required by this ITP and as described in the MMRP. Measures include: (1) permanent habitat protection of western Joshua tree habitat; (2) salvage of Bakersfield cactus and enhancement of a Bakersfield cactus reserve approved by CDFW; (3) establishment of avoidance zones; (4) restoration of the disturbed area to pre-project conditions; (5) worker education; and (6) Quarterly 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 5 acres of compensatory habitat that is contiguous with other protected western Joshua tree habitat and/or is of higher quality than the habitat being destroyed by the Project. CDFW also determined that the enhancement benefit to Bakersfield cactus by funding \$38,377.90 for additional actions at a CDFW Bakersfield cactus Ecological Reserve, along with the minimization, monitoring, reporting, and funding requirements of this ITP minimizes and fully mitigates the impacts of the taking caused by the Project;
- (3) The take avoidance and mitigation measures required pursuant to the conditions of this ITP and its attachments are roughly proportional in extent to the impacts of the taking authorized by this ITP;
- (4) The measures required by this ITP maintain Permittee's objectives to the greatest extent possible;
- (5) All required measures are capable of successful implementation;
- (6) This ITP is consistent with any regulations adopted pursuant to Fish and Game Code sections 2112 and 2114;
- (7) Permittee has ensured adequate funding to implement the measures required by this ITP as well as for monitoring compliance with, and the effectiveness of, those measures for the Project; and
- (8) Issuance of this ITP will not jeopardize the continued existence of the Covered Species based on the best scientific and other information reasonably available, and this finding includes consideration of the species' capability to survive and reproduce, and any adverse impacts of the taking on those abilities in light of (1) known population trends; (2) known threats to the species; and (3) reasonably foreseeable impacts on the species from other related projects and activities. Moreover, CDFW's finding is based, in part, on CDFW's express authority to amend the terms and

conditions of this ITP without concurrence of the Permittee as necessary to avoid jeopardy and as required by law.

XV. Attachments:

FIGURE 1 Project Location

FIGURES 2A-2I Vegetation Communities

FIGURES 3A-3H WJT Range and Project Site Occurrences
FIGURES 4A-4H BACA Range and Project Site Occurrences
ATTACHMENT 1 Mitigation Monitoring and Reporting Program

ATTACHMENT 2 Biologist Resume Form

ATTACHMENT 3 Mitigation Payment Transmittal Form

XVI. Citations:

AECOM. 2021. Geotechnical Engineering Report Proposed Mojave PUD Cache Creek Pipeline Replacement Mojave Area, Kern County, California.

ISSUED BY THE CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE ON 3/14/2025

DocuSigned by:

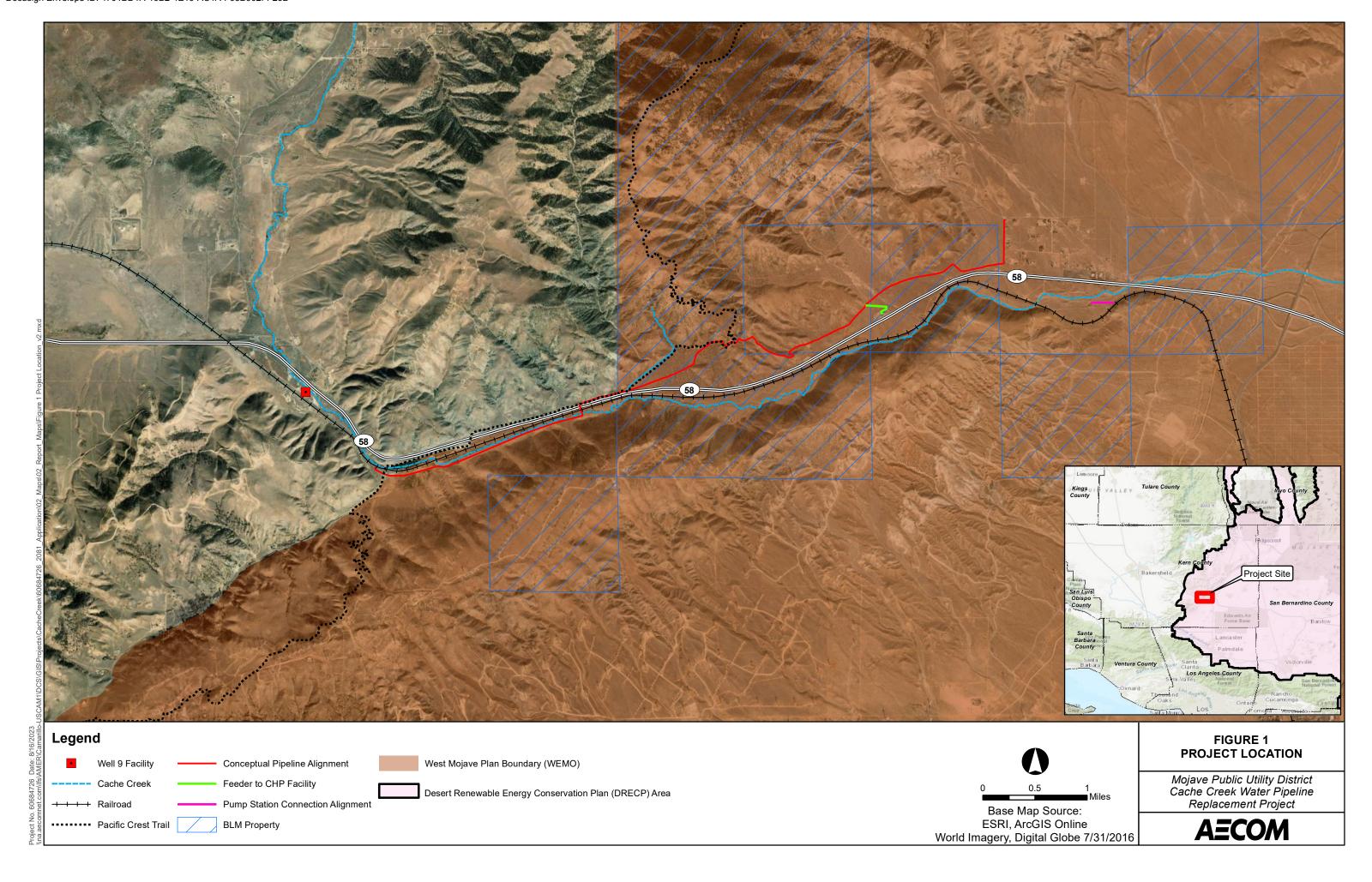
Julie Vance

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Julie A. Vance, Regional Manager Central Region

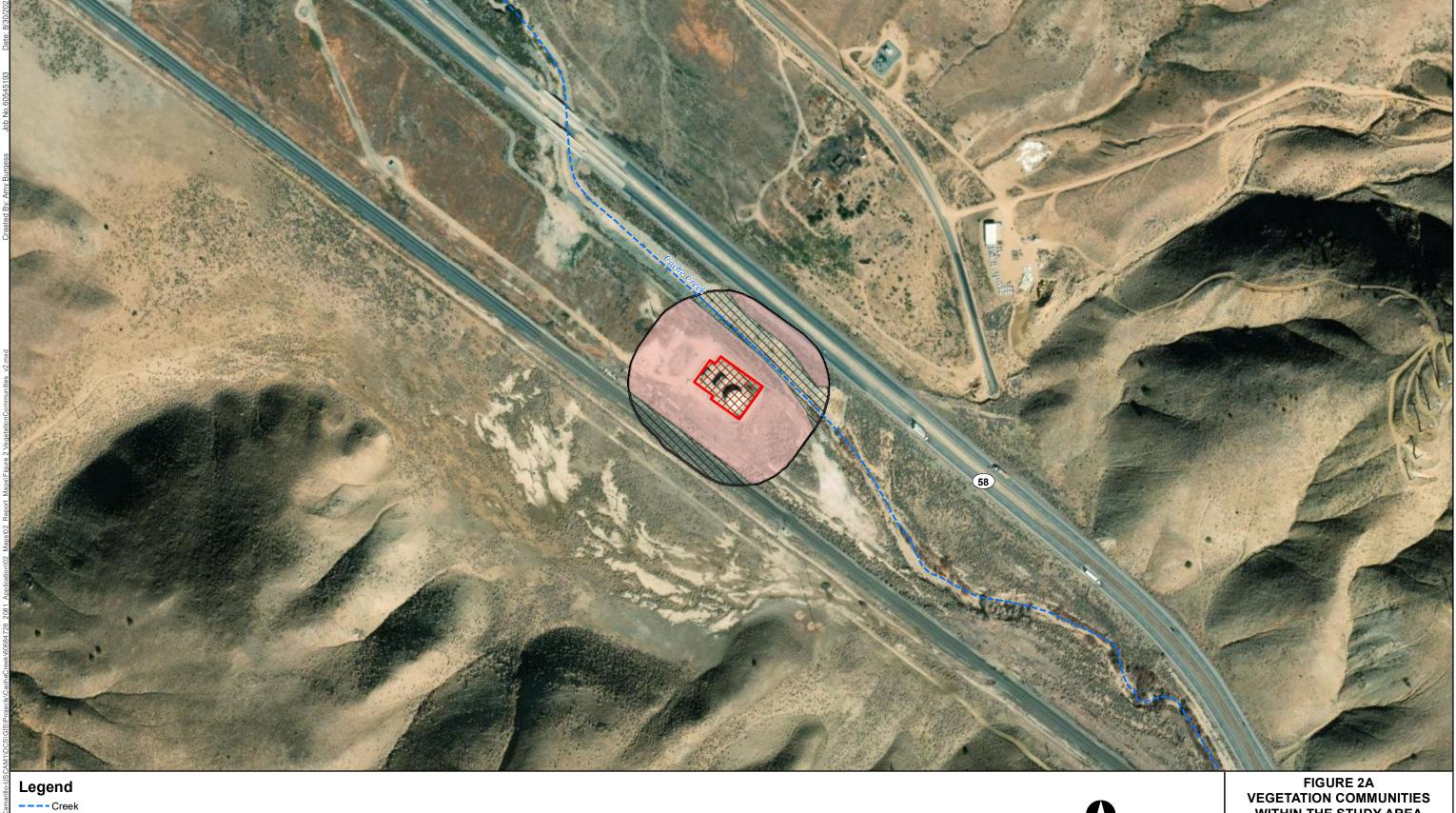
FIGURE 1

Project Location



FIGURES 2A-2I

Vegetation Communities



Well 9 Facility

250-Foot Survey Buffer

Rubber Rabbitbrush Scrub

Vegetation Community

Disturbed / Ruderal

800 Feet

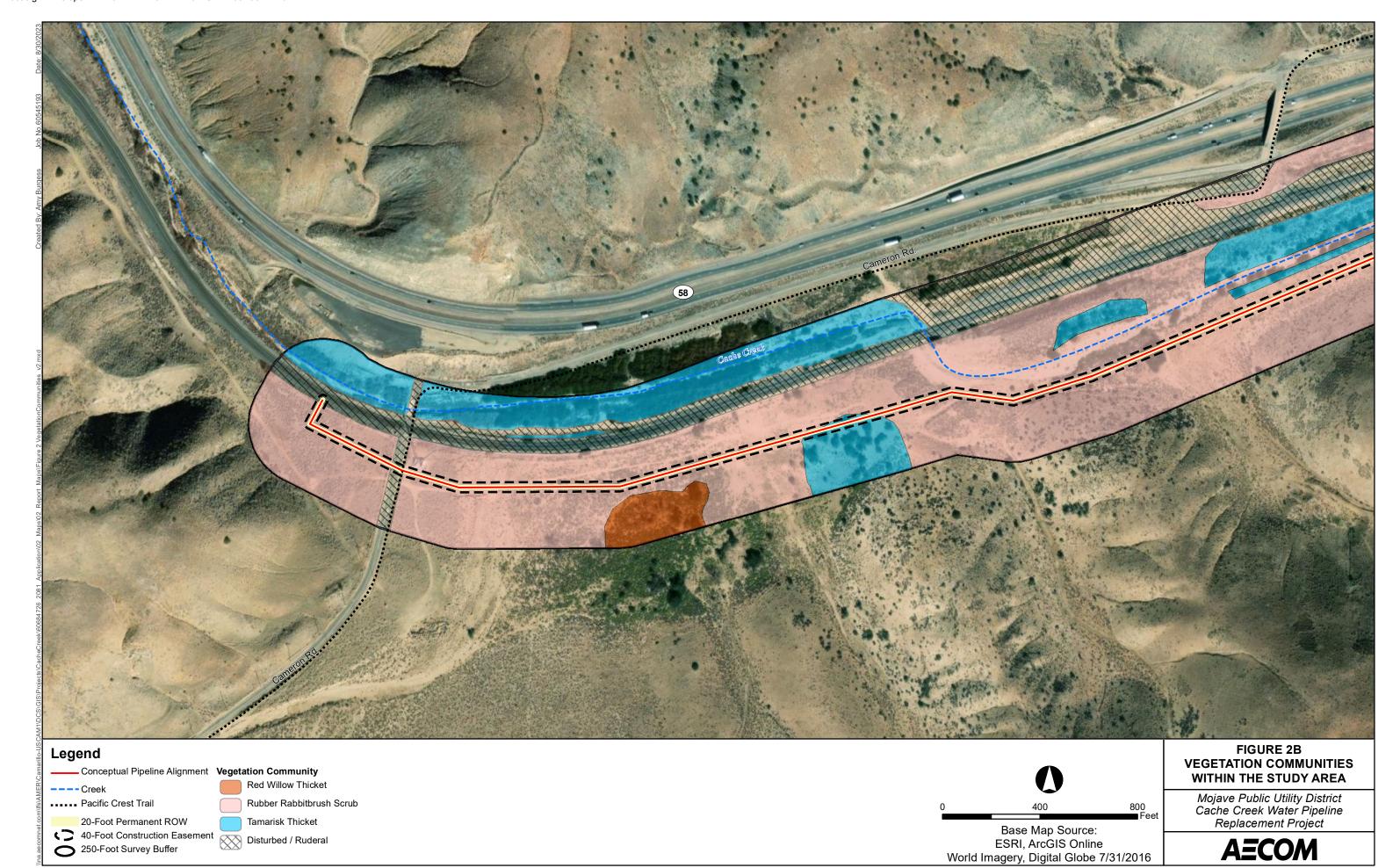
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WITHIN THE STUDY AREA

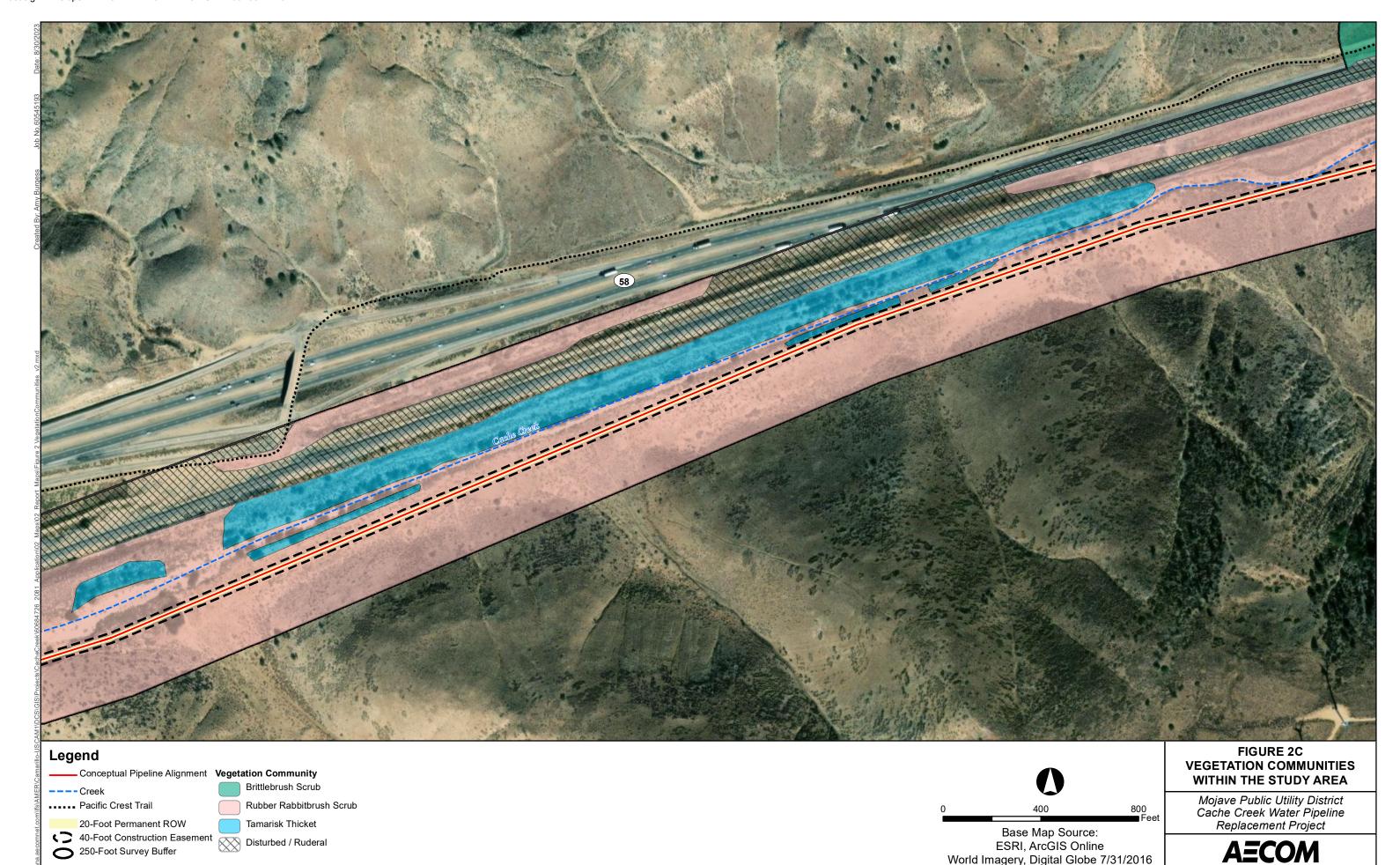
Mojave Public Utility District Cache Creek Water Pipeline Replacement Project



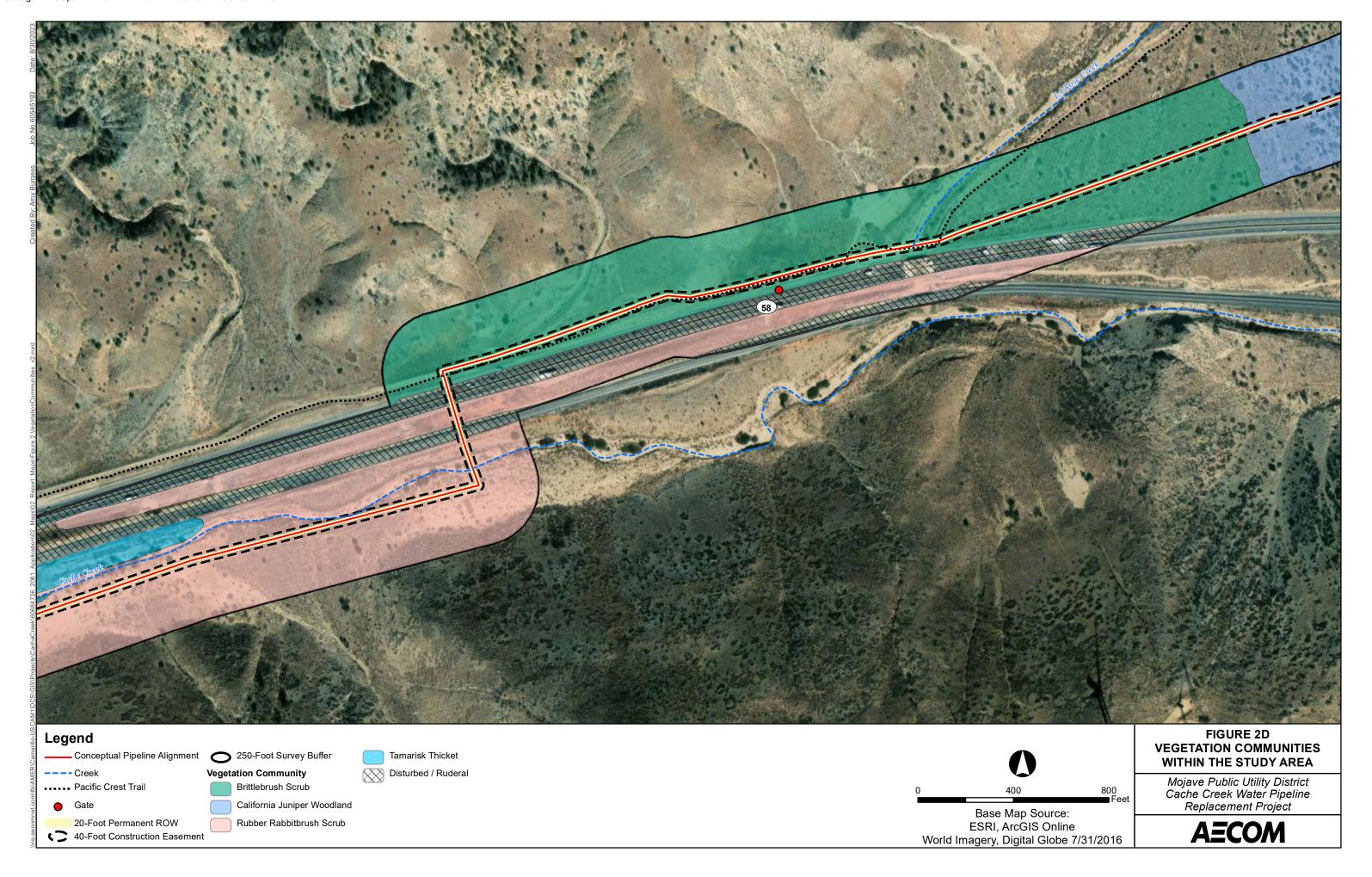
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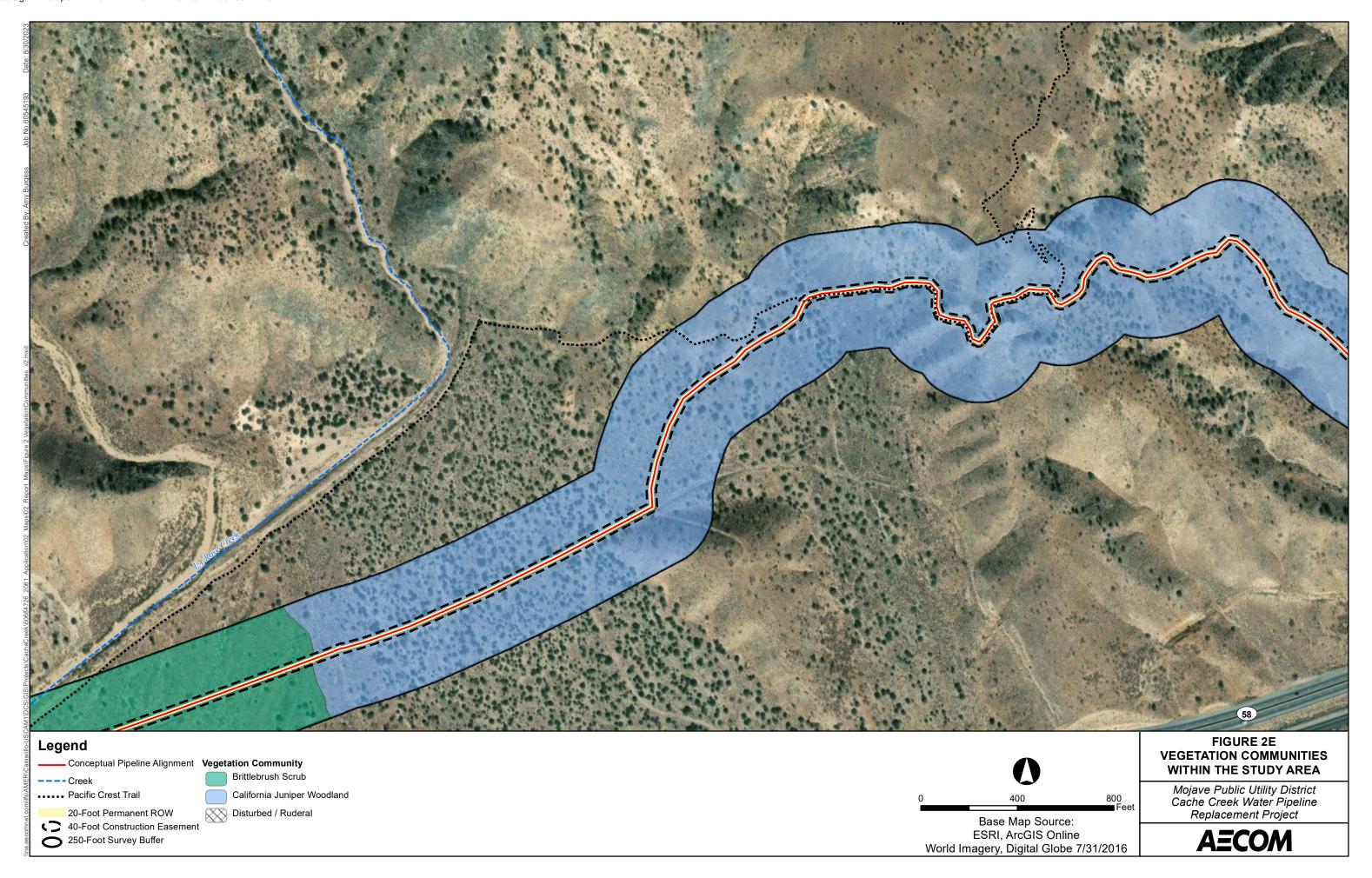


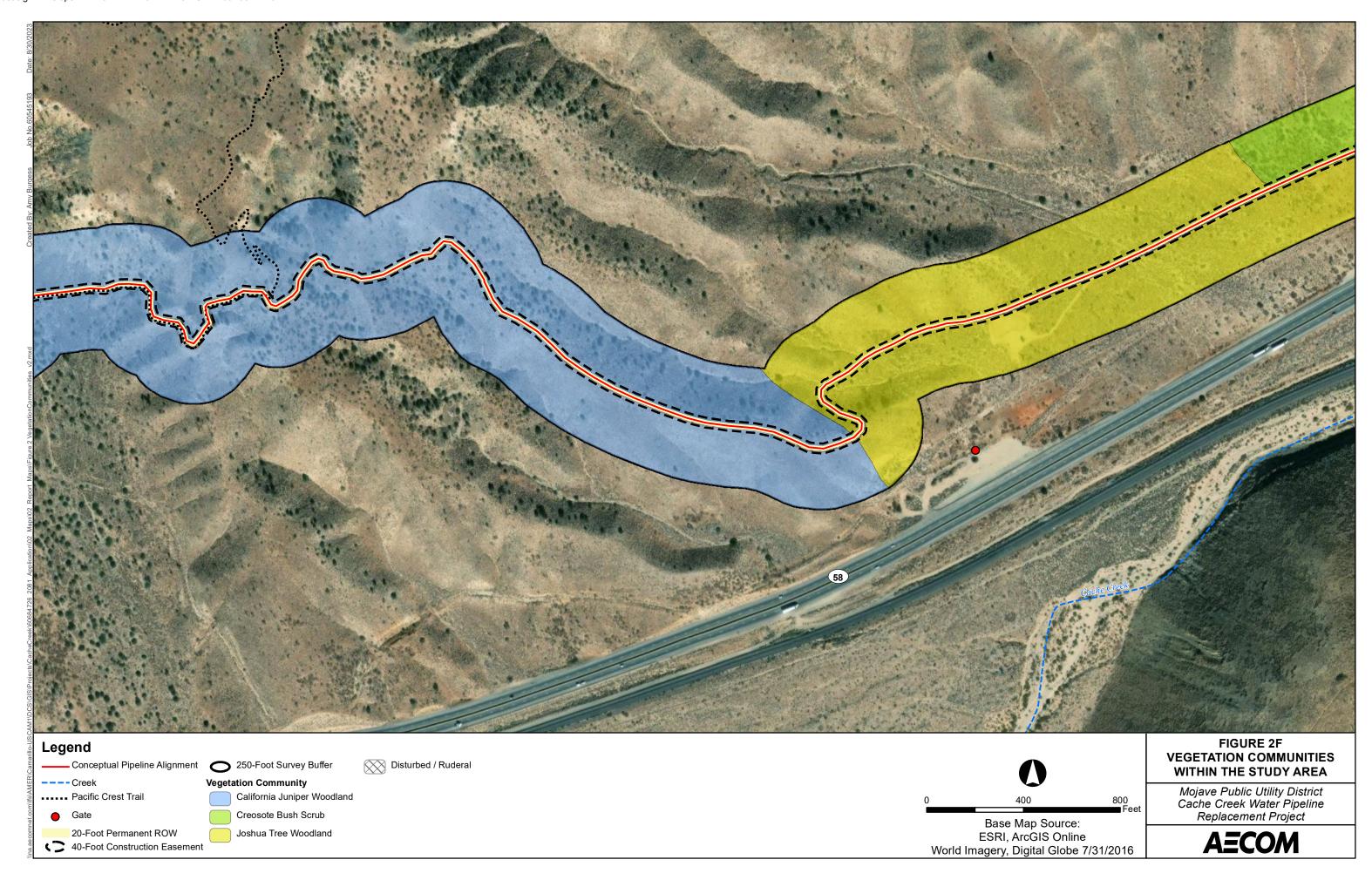
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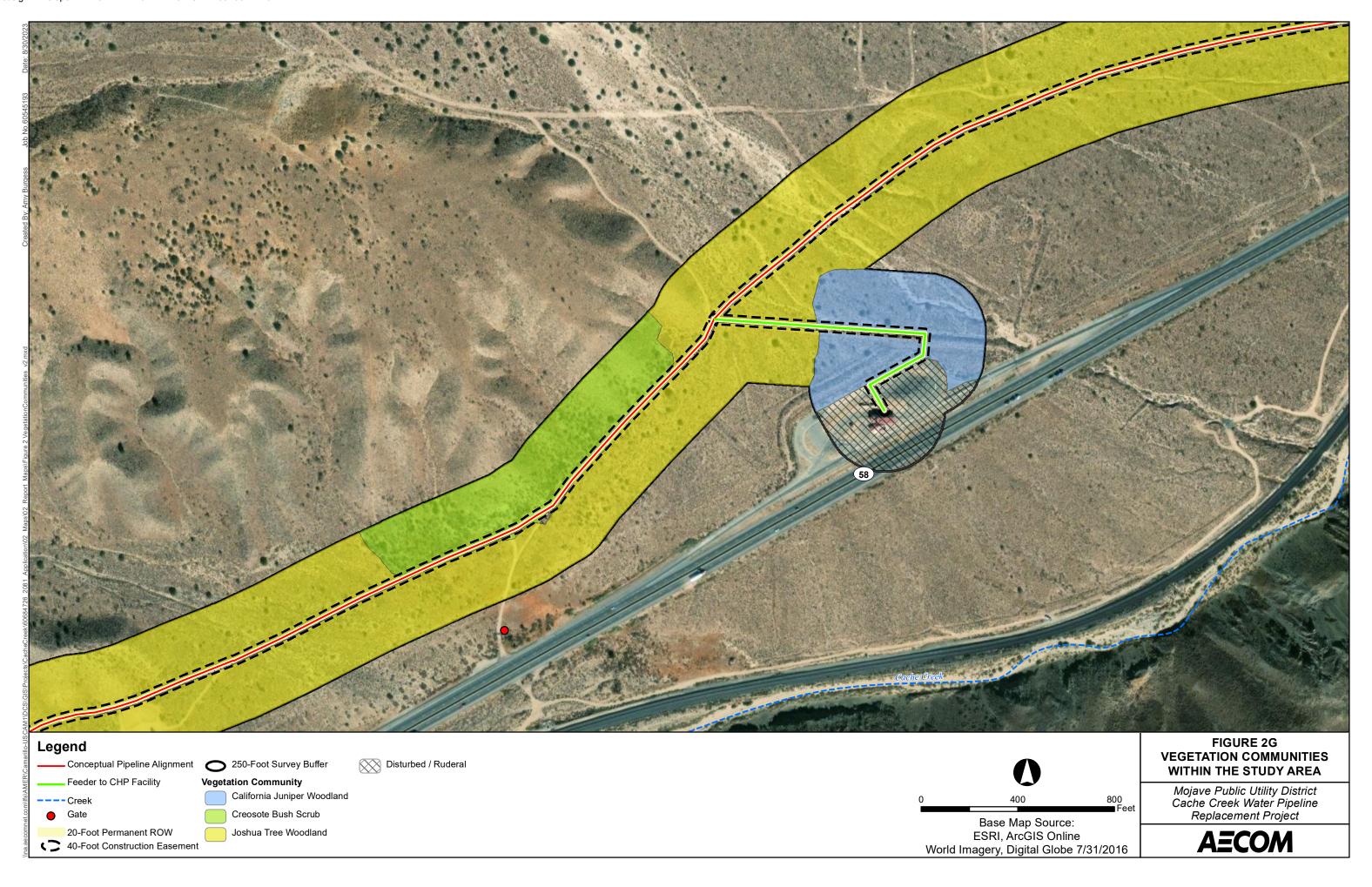


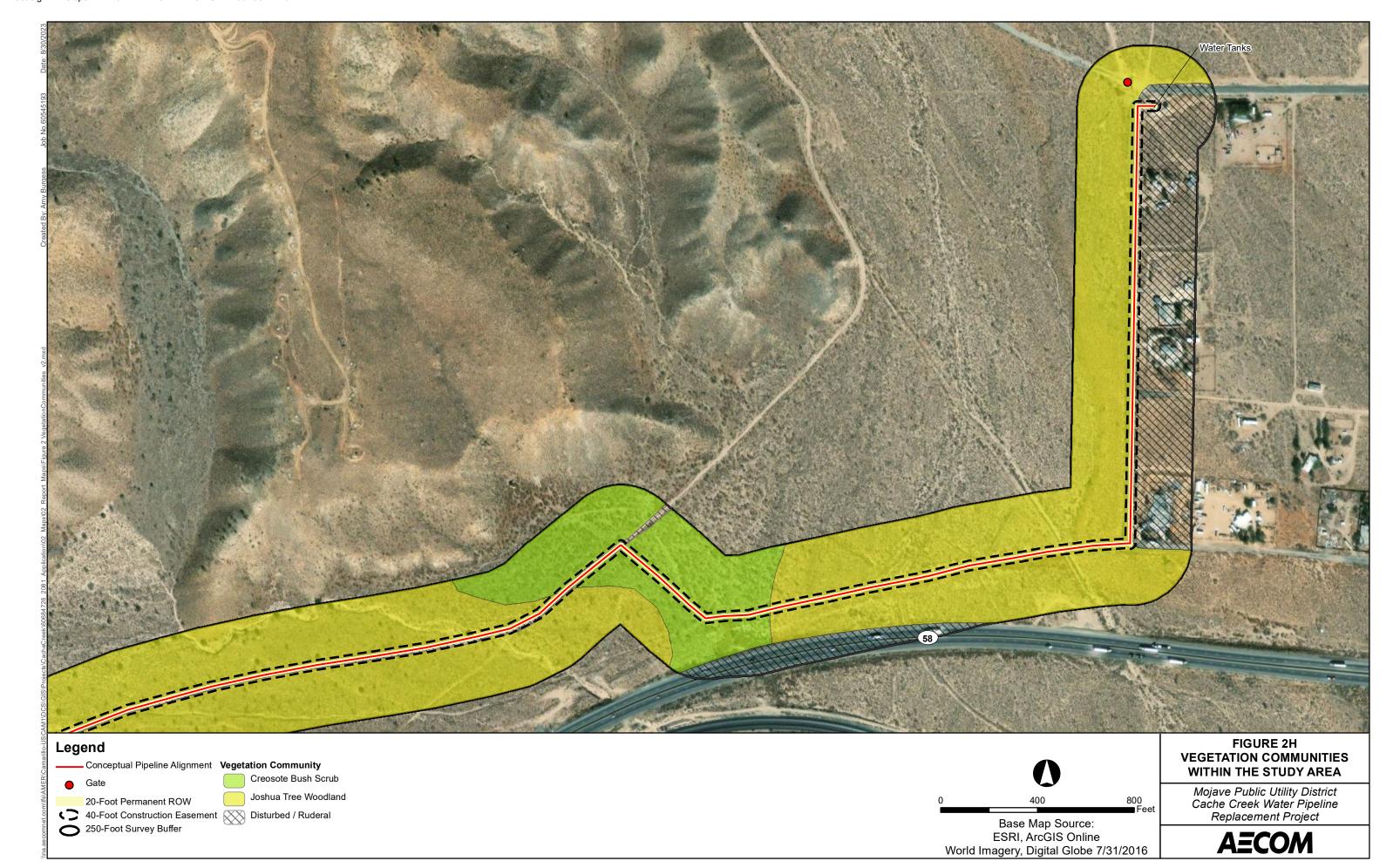
World Imagery, Digital Globe 7/31/2016











250-Foot Survey Buffer

Disturbed / Ruderal



Base Map Source:

ESRI, ArcGIS Online

World Imagery, Digital Globe 7/31/2016

FIGURES 3A-3H WJT Range and Project Site Occurrences

20-Foot Permanent ROW

250-Foot Survey Buffer

40-Foot Construction Easement Disturbed / Ruderal

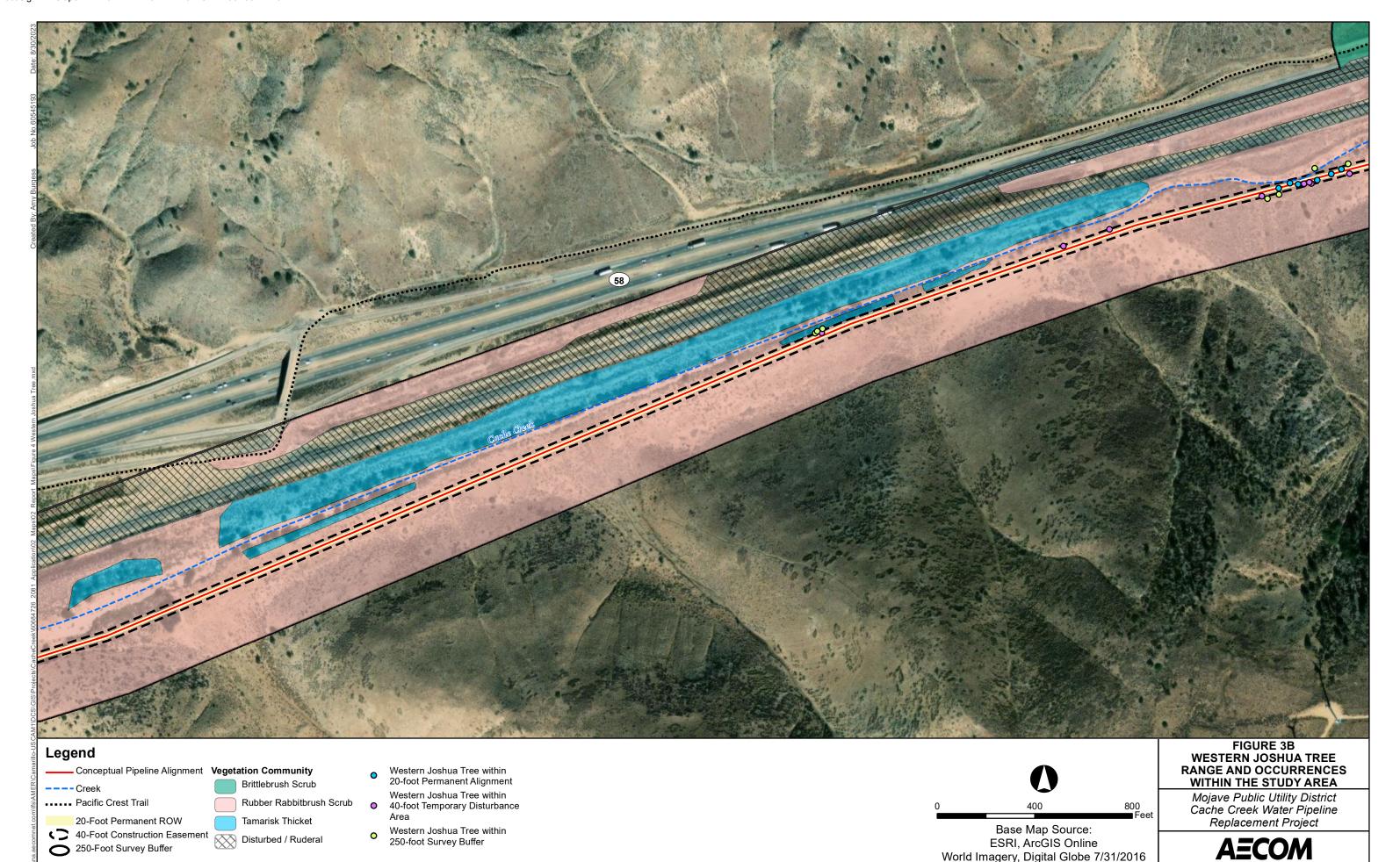
Tamarisk Thicket



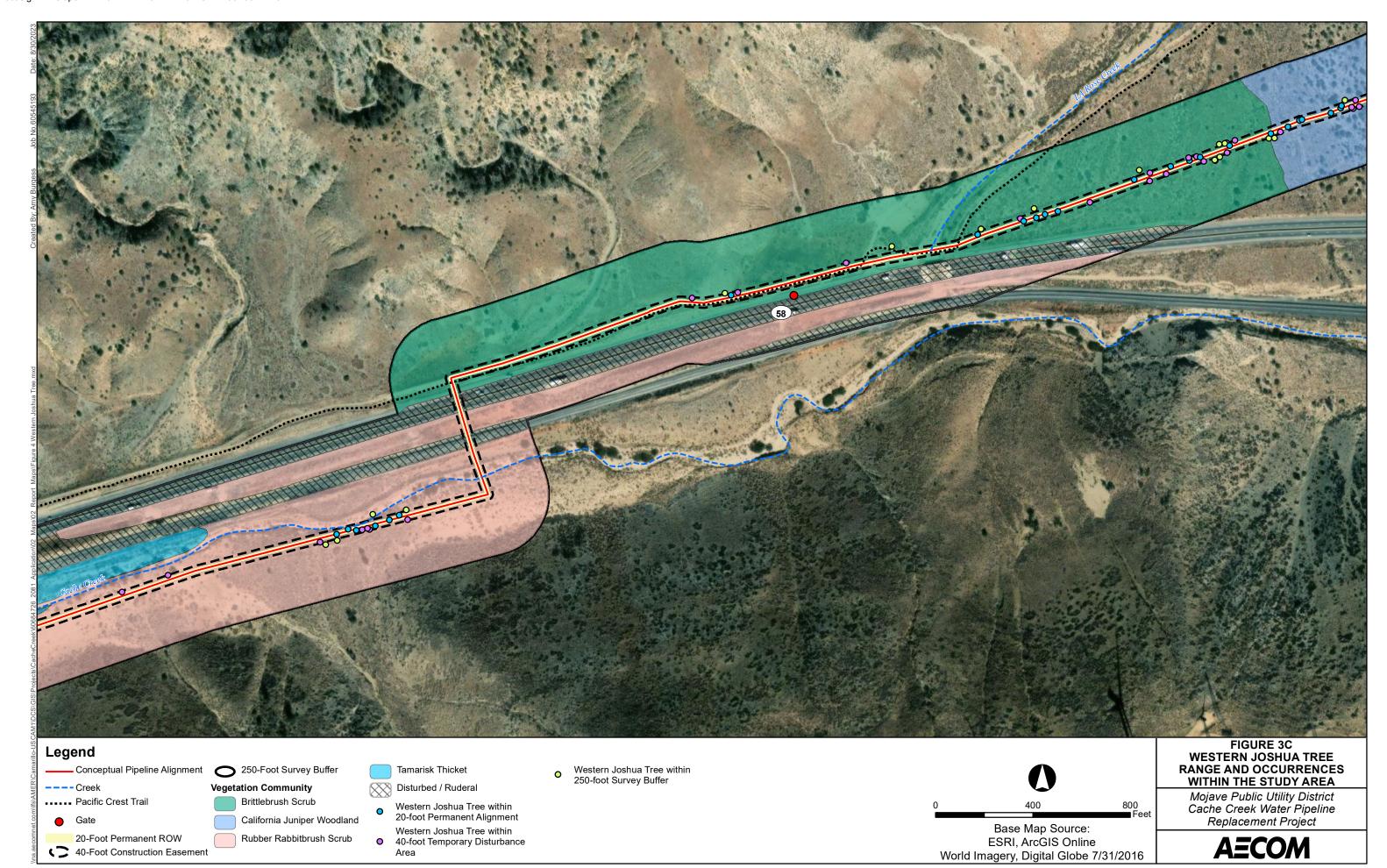
800 Feet Base Map Source: ESRI, ArcGIS Online World Imagery, Digital Globe 7/31/2016

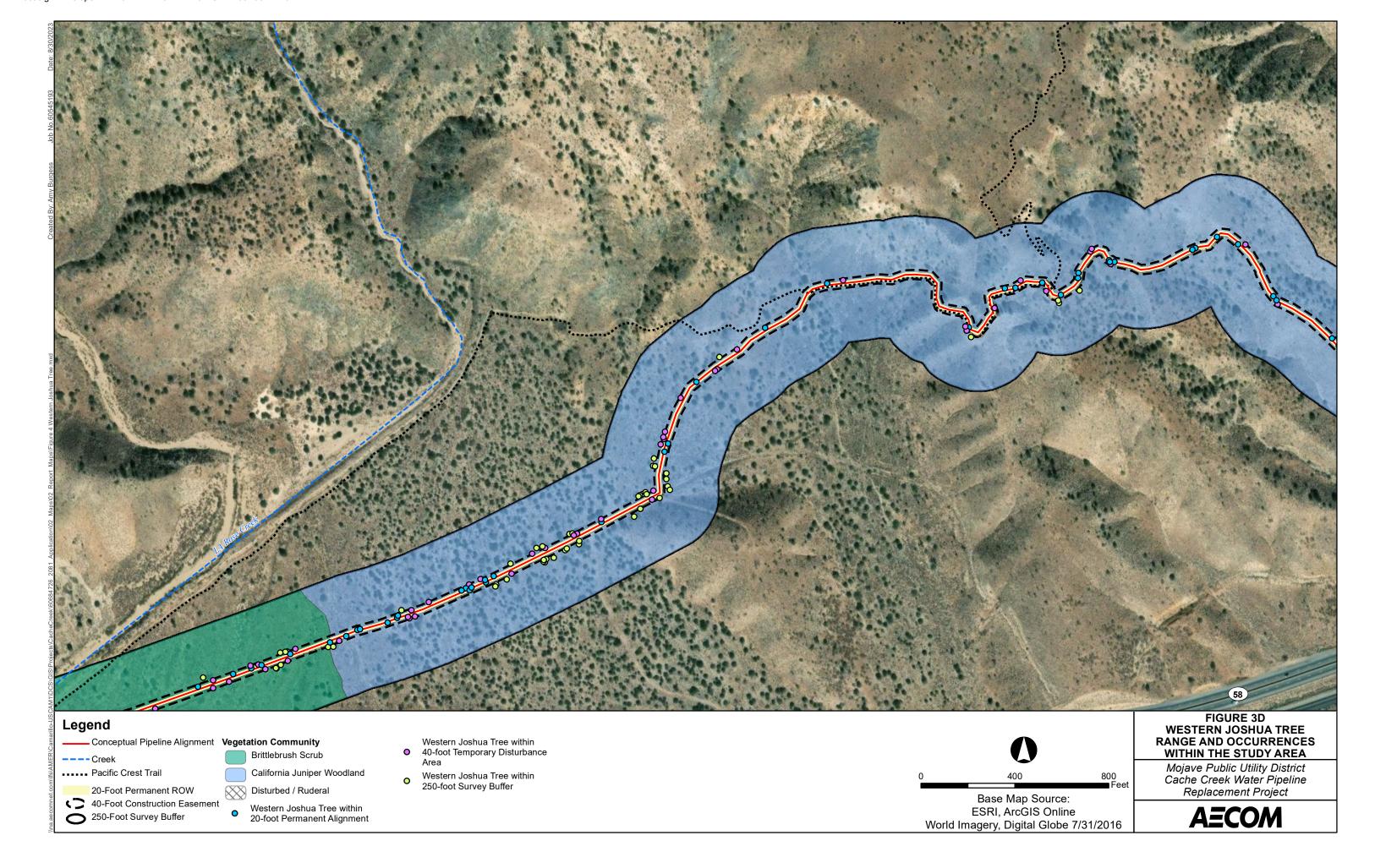
Mojave Public Utility District Cache Creek Water Pipeline Replacement Project

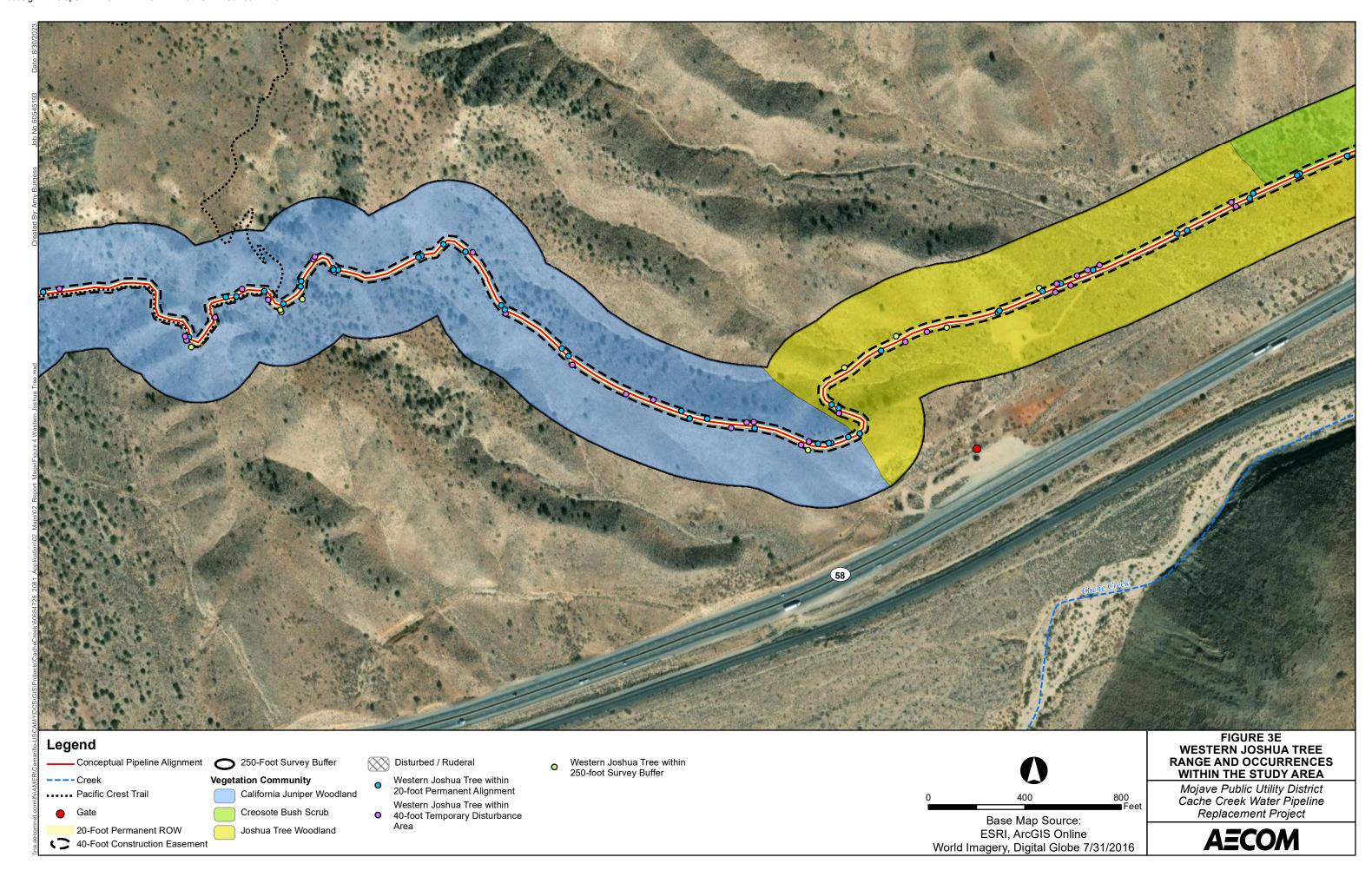
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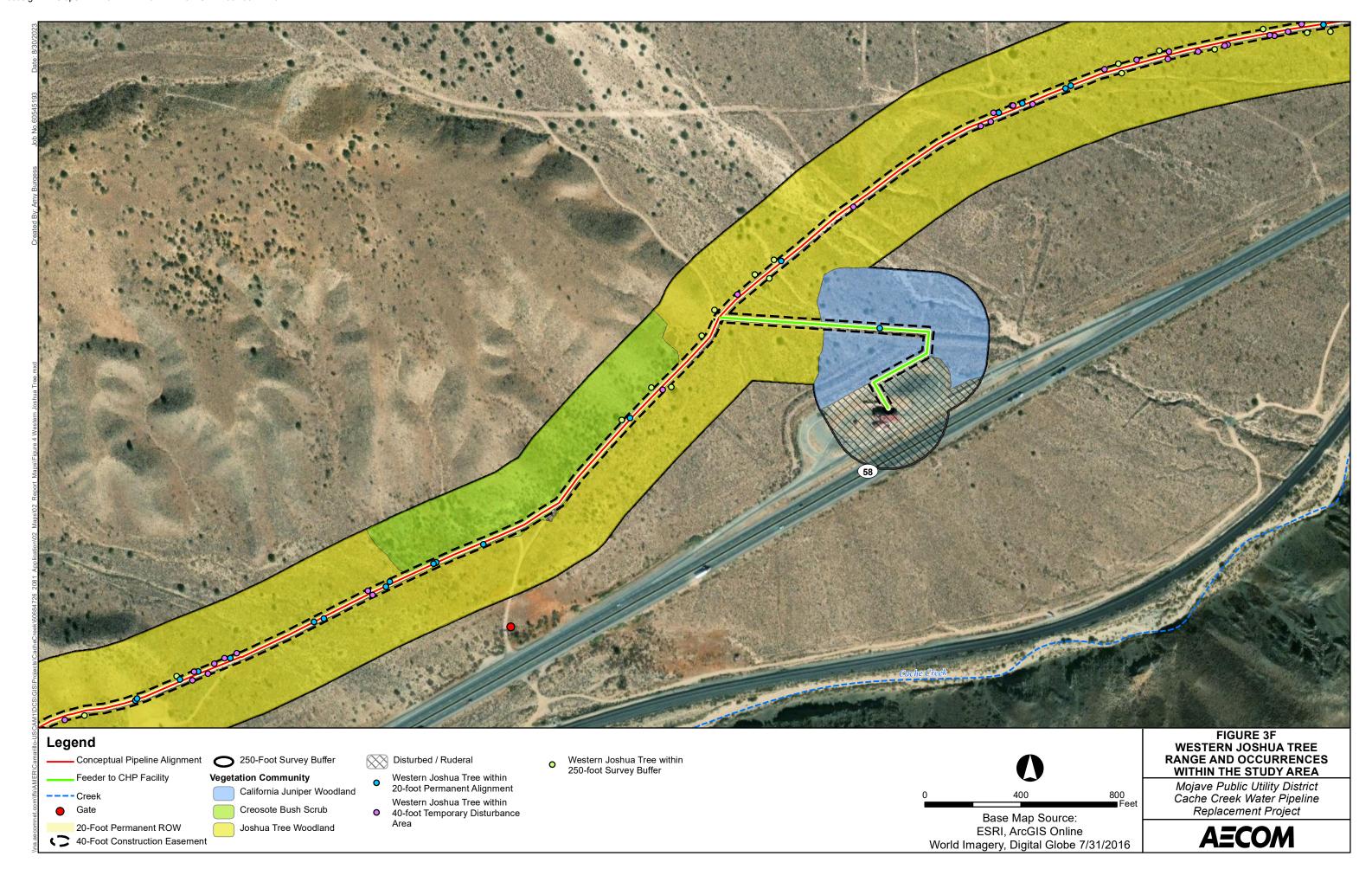


World Imagery, Digital Globe 7/31/2016

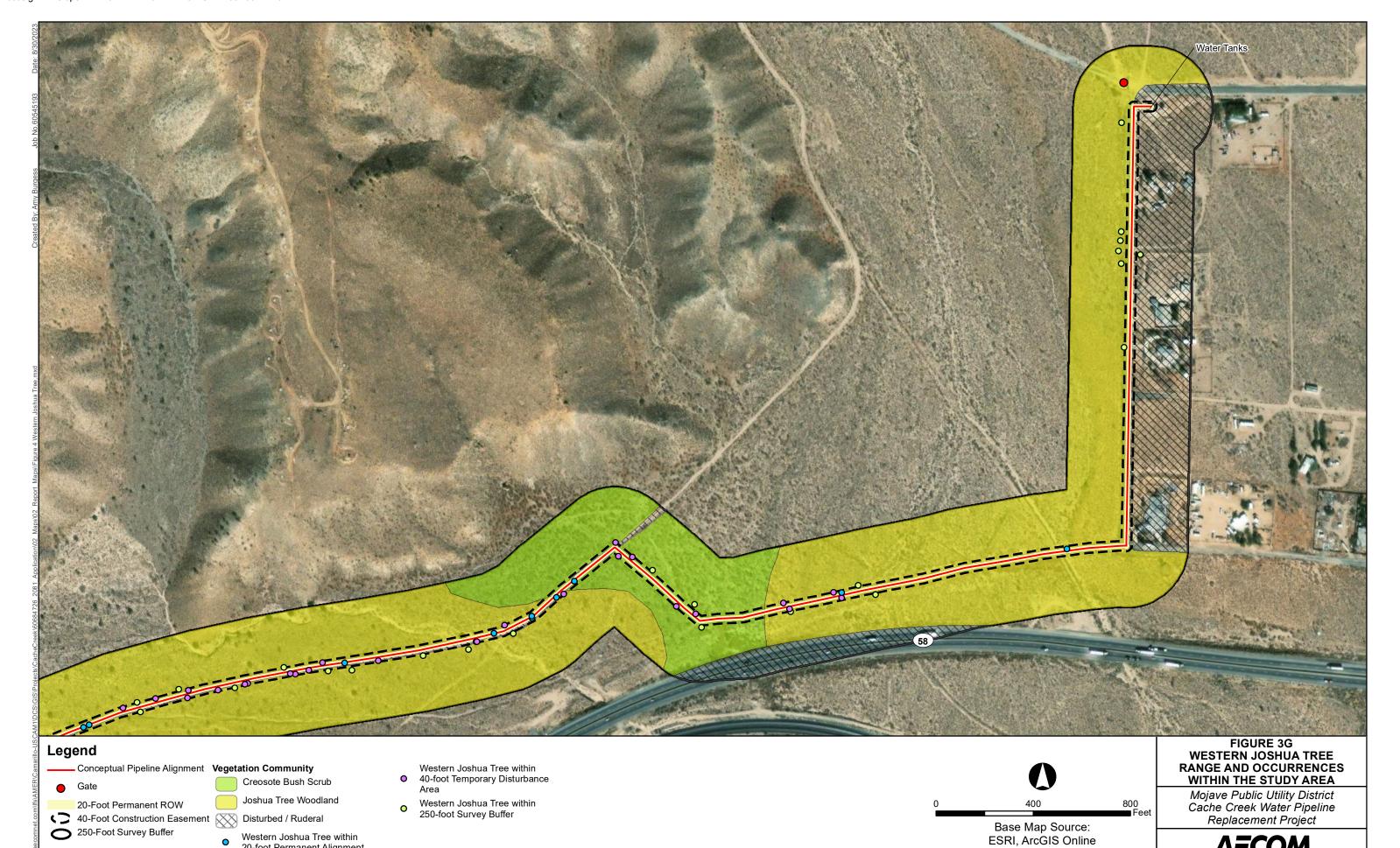








Western Joshua Tree within 20-foot Permanent Alignment



AECOM

World Imagery, Digital Globe 7/31/2016

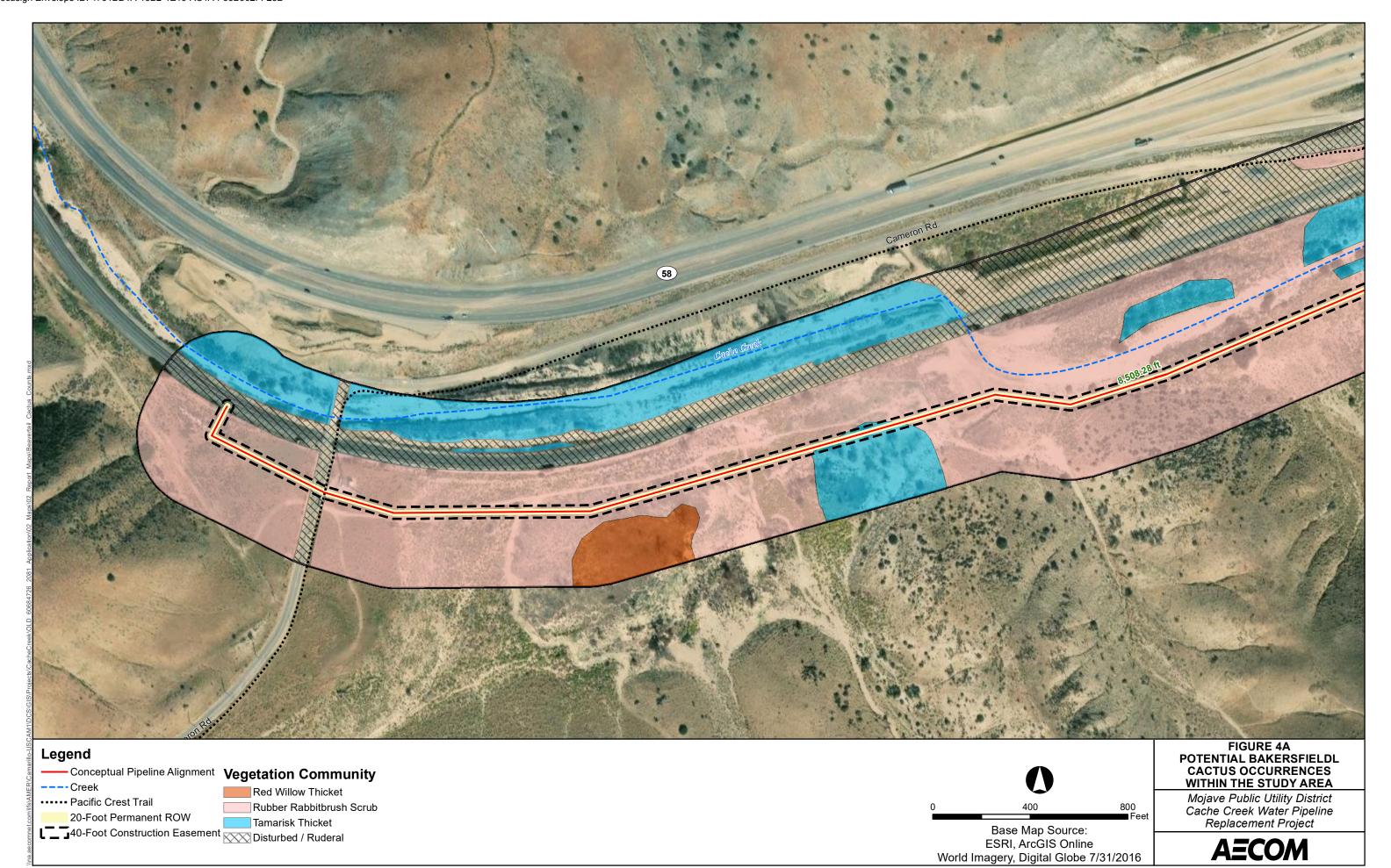
250-Foot Survey Buffer

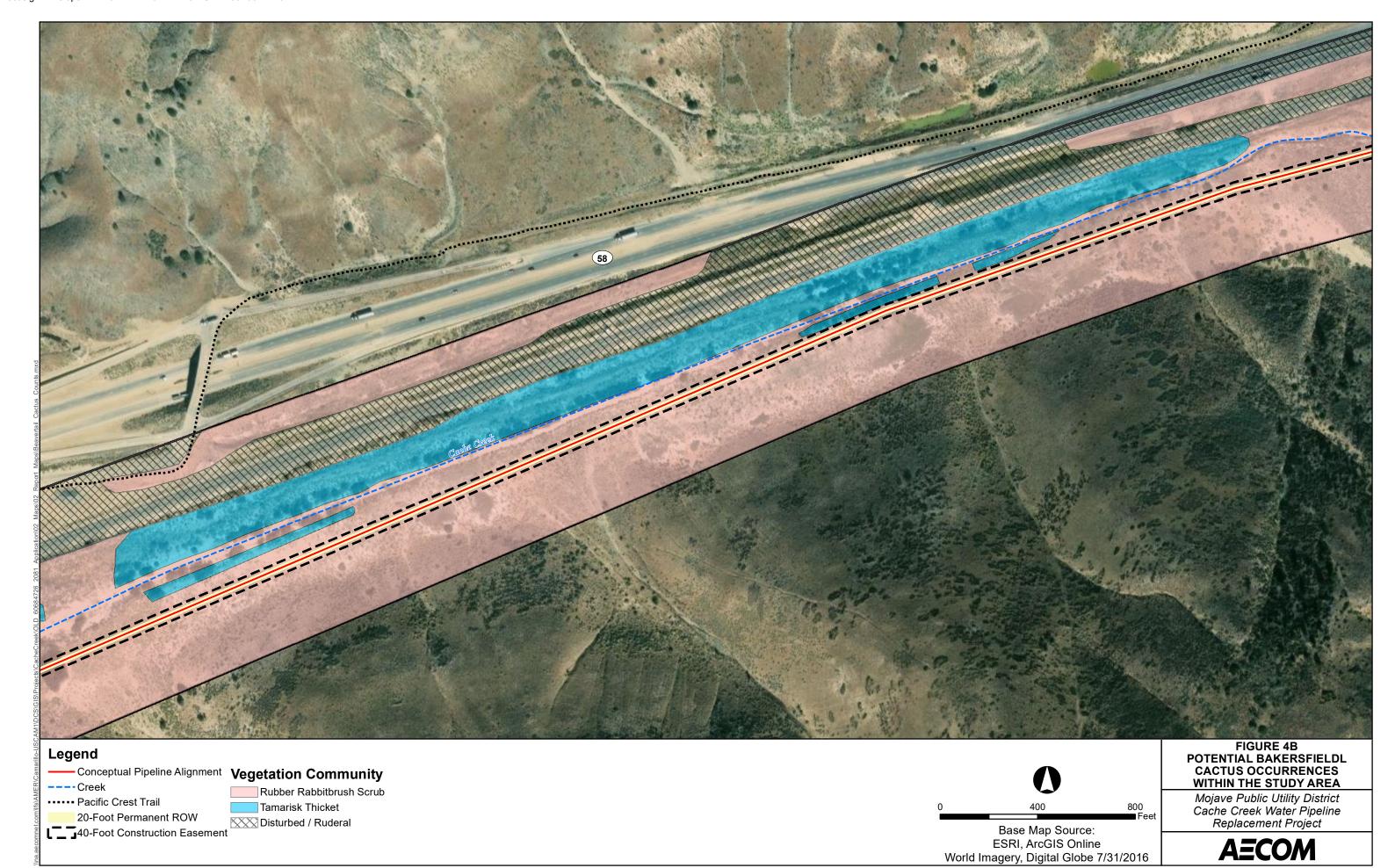
Disturbed / Ruderal

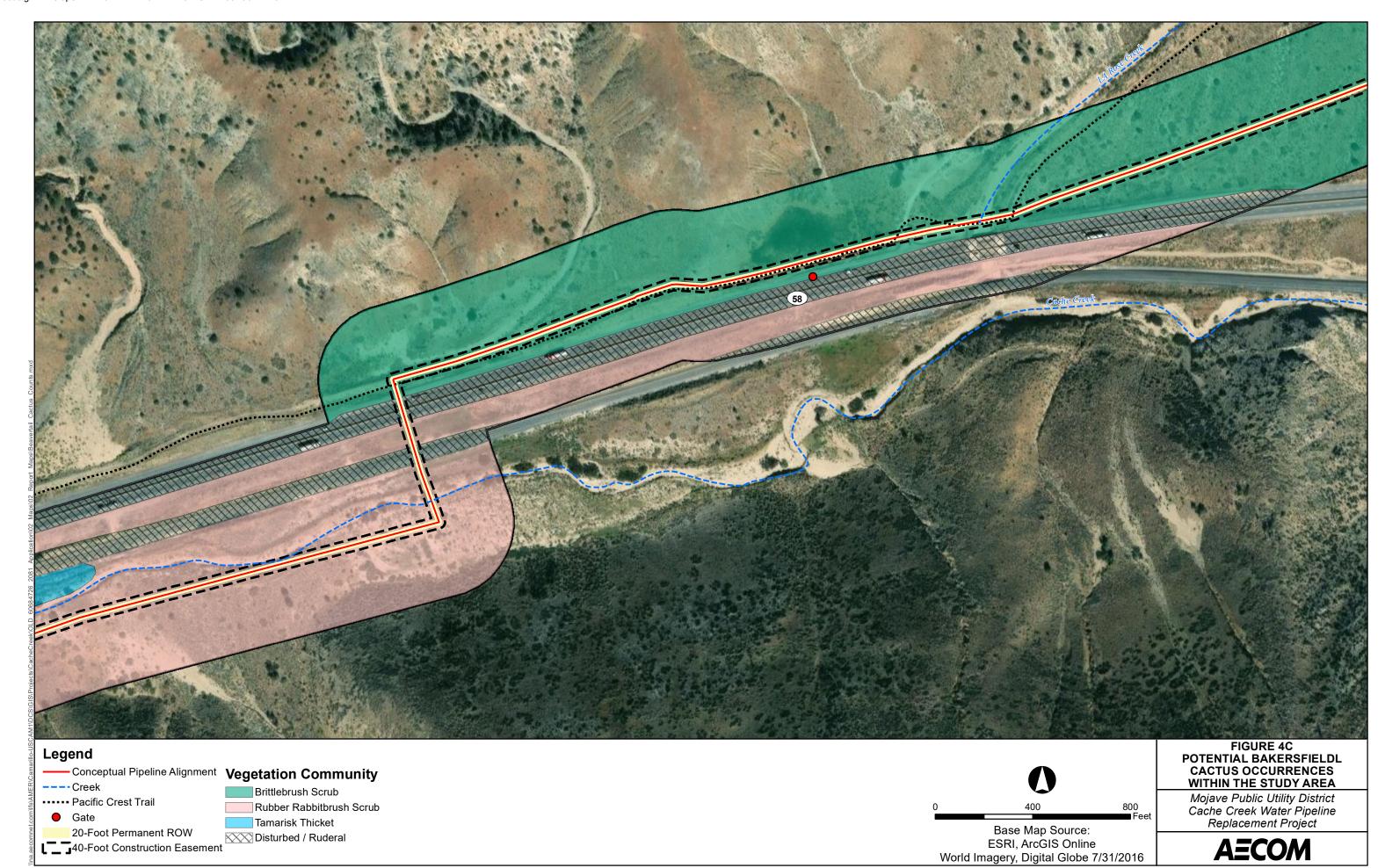


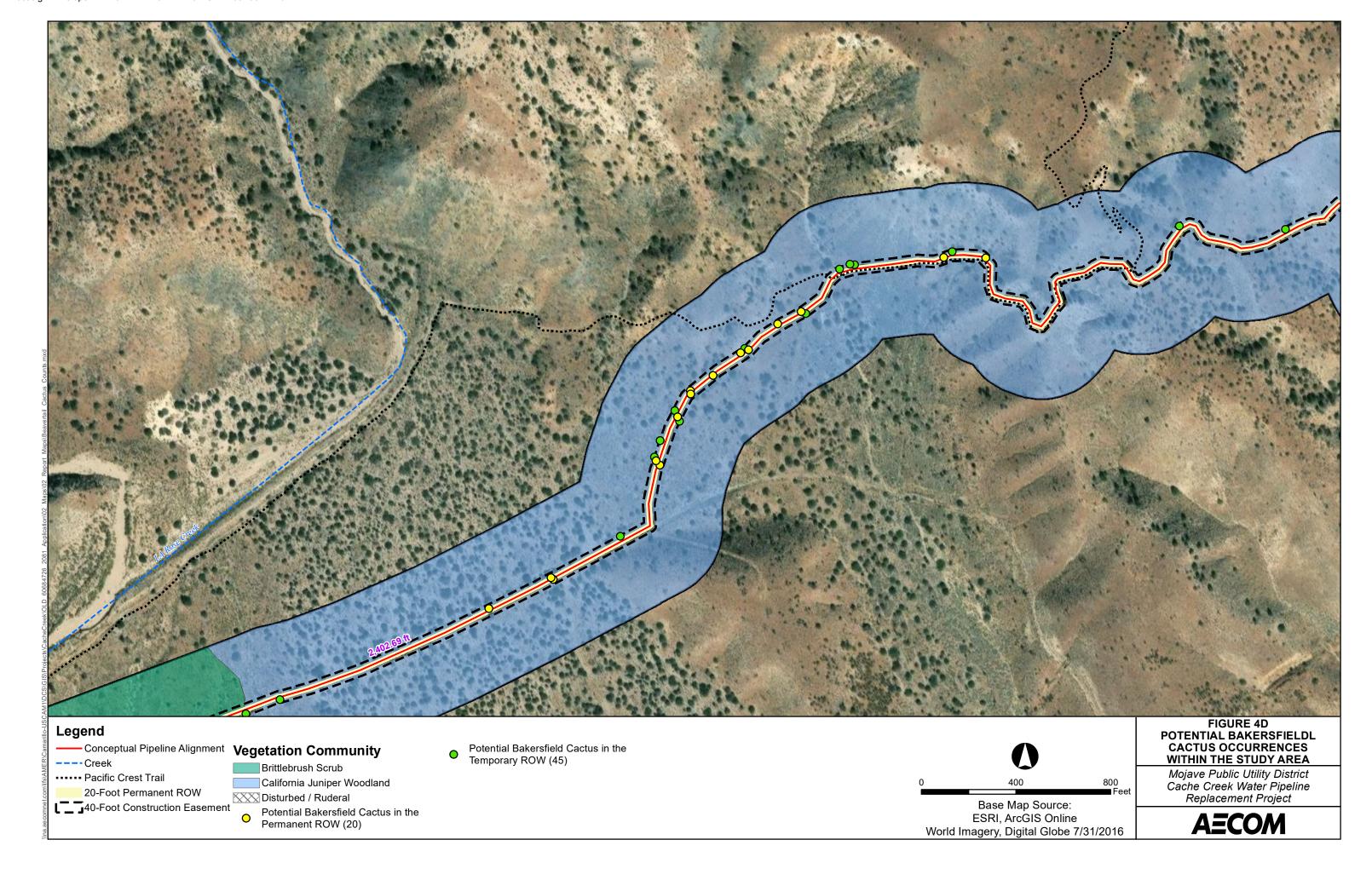
Base Map Source:
ESRI, ArcGIS Online
World Imagery, Digital Globe 7/31/2016

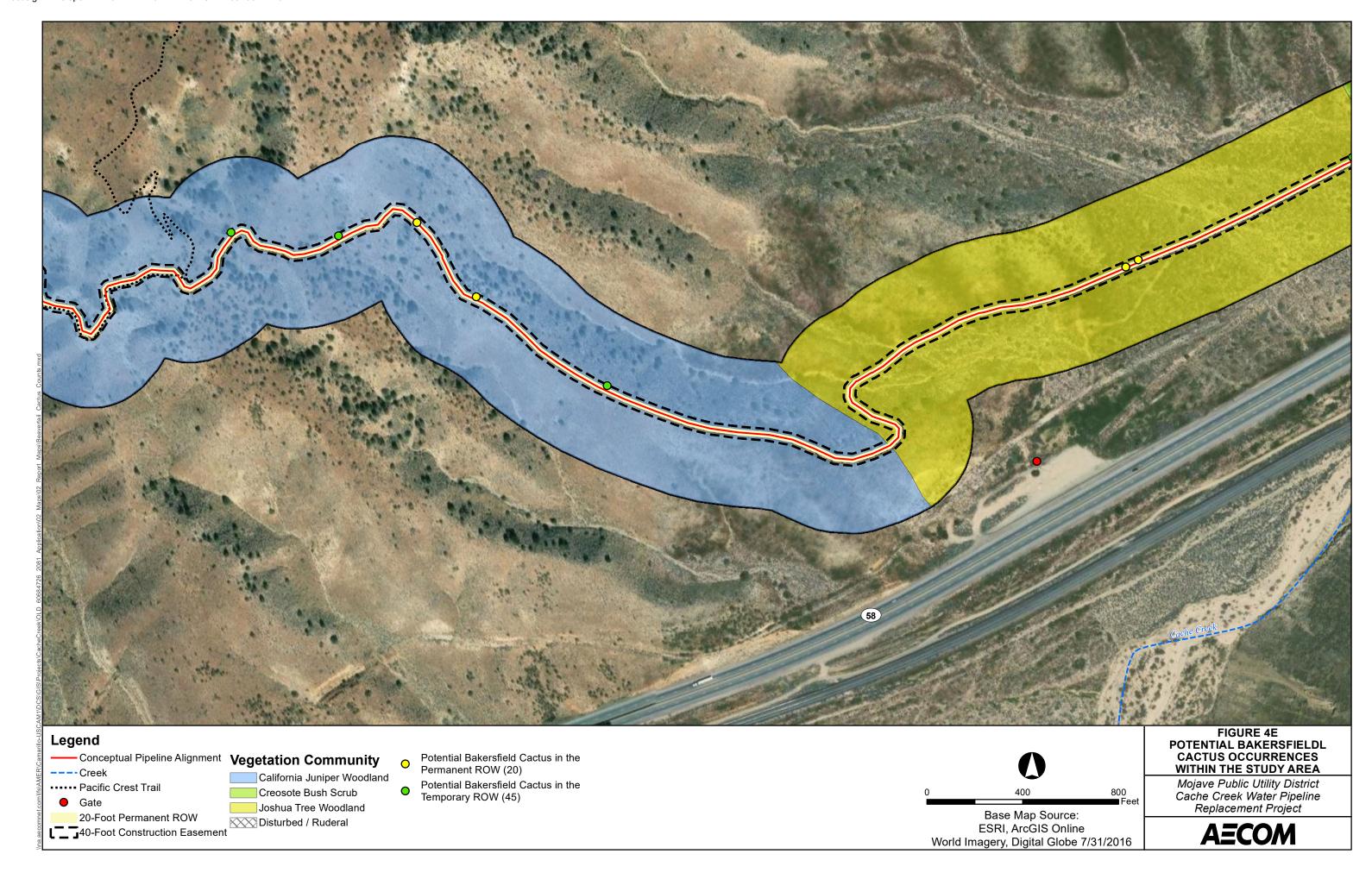
FIGURES 4A-4H BACA Range and Project Site Occurrences

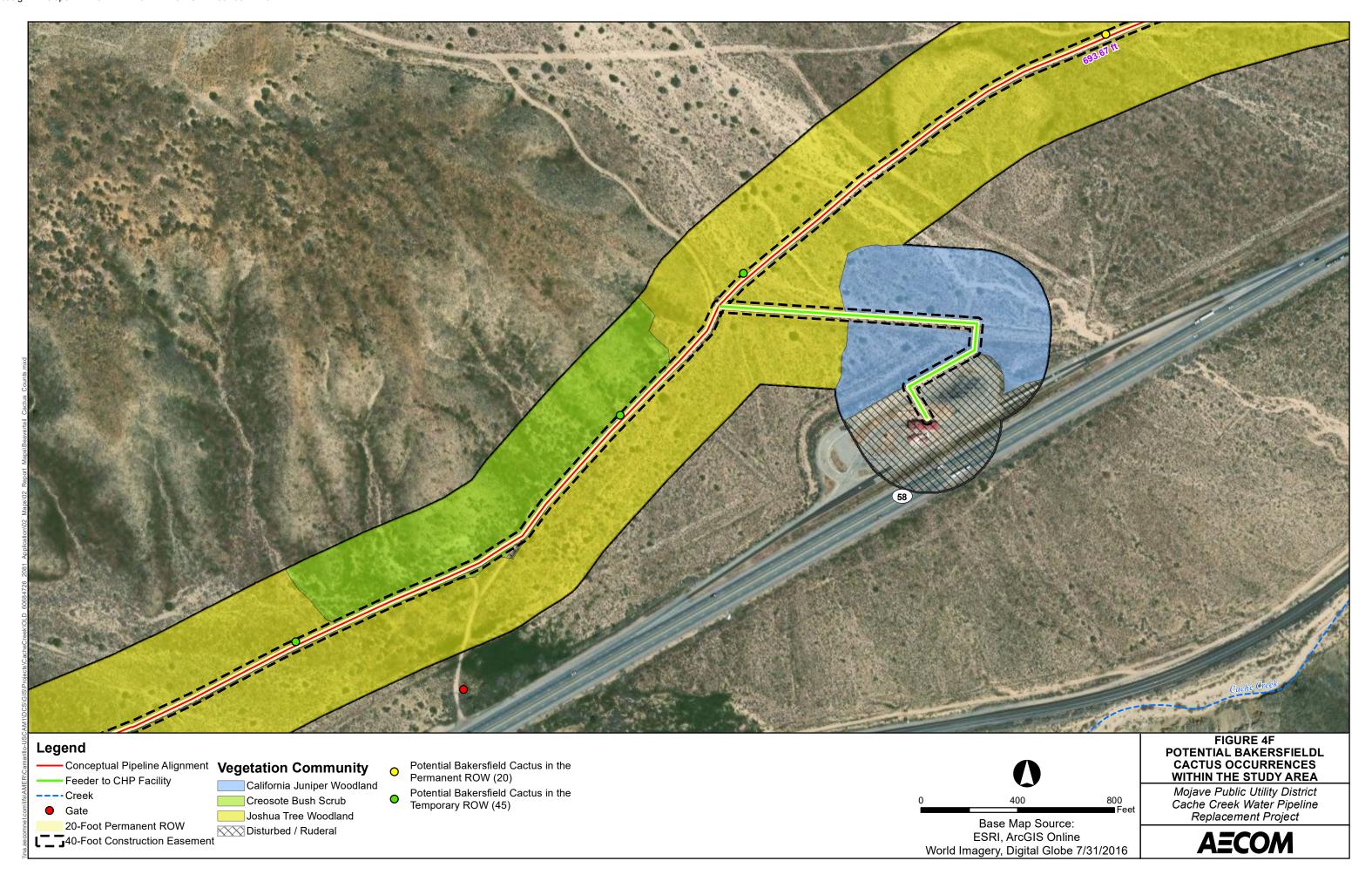


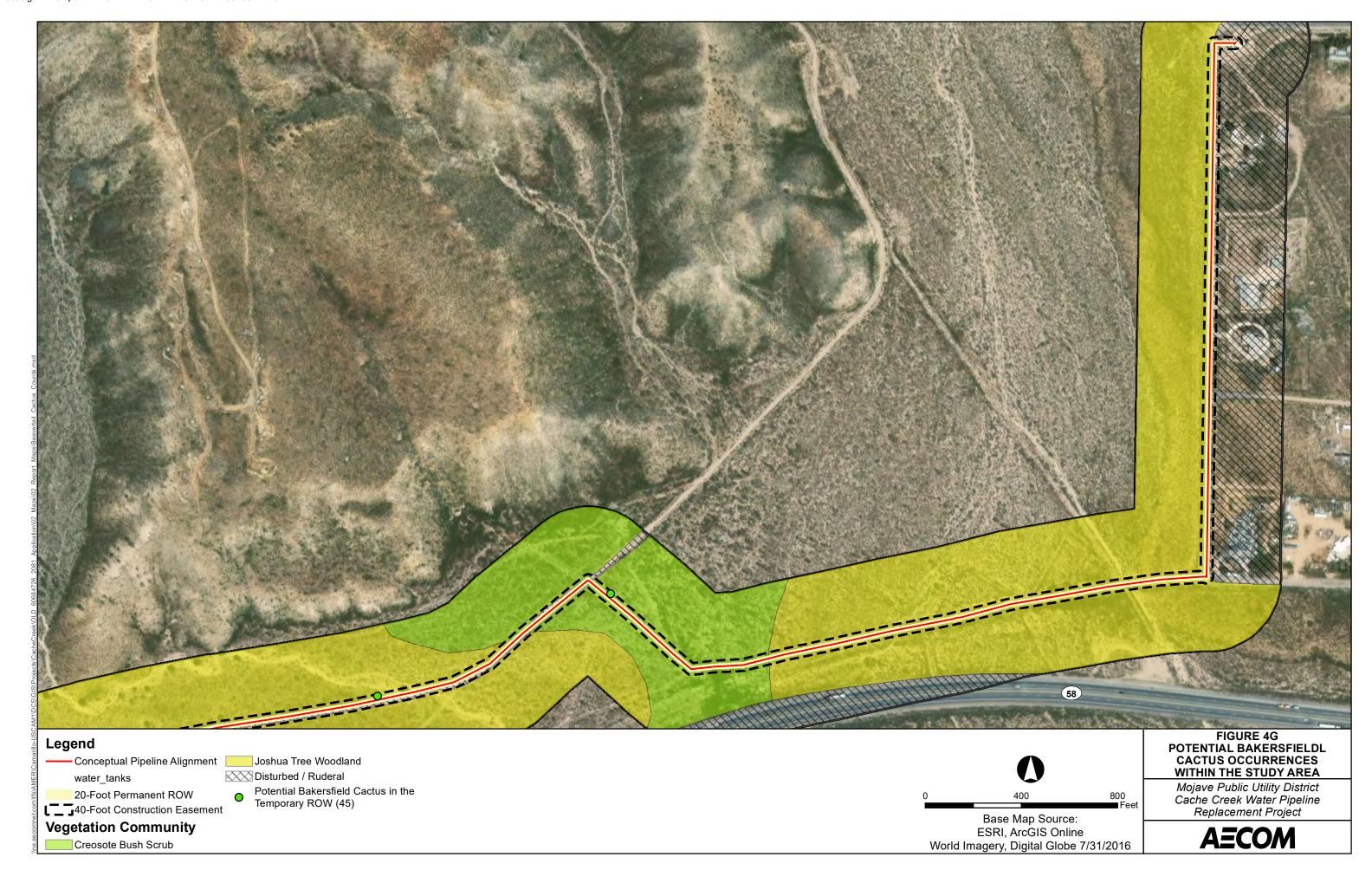


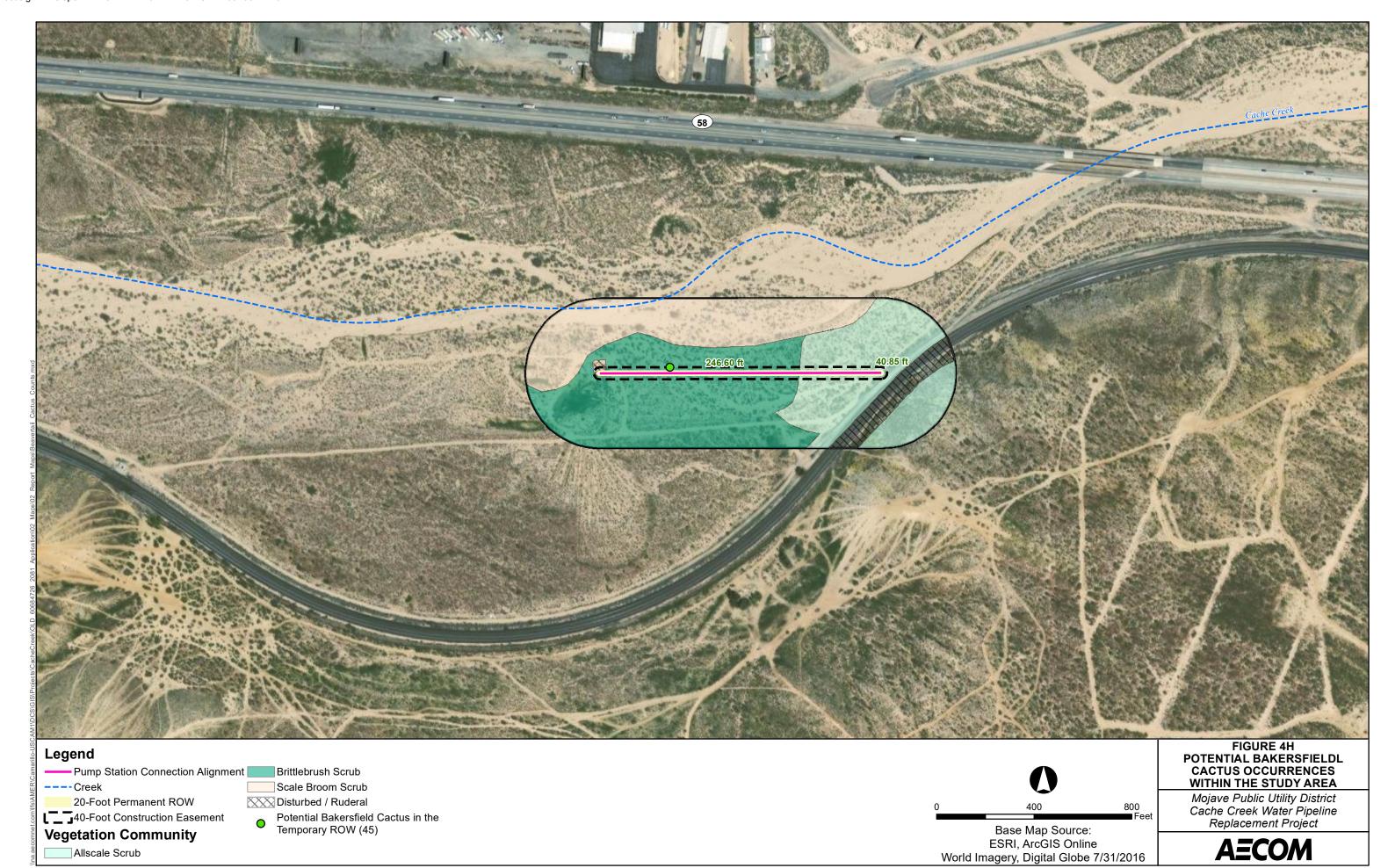












ATTACHMENT 1

Mitigation Monitoring and Reporting Program

Attachment 1

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

INCIDENTAL TAKE PERMIT NO. 2081-2023-043-04

PERMITTEE: Mojave Public Utilities District

PROJECT: Cache Creek Pipeline Replacement Project

PURPOSE OF THE MMRP

The purpose of the MMRP is to ensure that the impact minimization and mitigation measures required by the Department of Fish and Wildlife (CDFW) for the above-referenced Project are properly implemented, and thereby to ensure compliance with section 2081(b) of the Fish and Game Code and section 21081.6 of the Public Resources Code. A table summarizing the mitigation measures required by CDFW is attached. 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
BEF	ORE DISTURBING SOIL OR VEGETATION			,	
1	Designated Representative. 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	Designated Biologist(s) and Designated Monitor(s). Permittee shall submit to CDFW in writing the name, qualifications, business address, contact information, and references with contact information of Designated Biologist(s) and Designated Monitor(s) using the Biologist Resume Example (Attachment 2) or another format containing the same information. This information shall be submitted for CDFW review and approval at least 30 days before starting Covered Activities. The Designated Biologist(s) shall be responsible for monitoring Covered Activities to help minimize and fully mitigate or avoid the incidental take of the Covered Species and to minimize disturbance of Covered Species' habitat. The Designated Monitor(s) shall assist the Designated Biologist(s) in compliance monitoring under direction/supervision of the Designated Biologist(s). Designated Monitor responsibilities will be restricted to a specific set of Conditions of Approval where allowed by the ITP, and as specified by the Permittee or Designated Representative at the time their qualifications are submitted for review. Permittee shall ensure that the Designated Biologist(s) and Designated Monitor(s) are knowledgeable and experienced in the Covered Species' biology, natural history, collecting and handling, as well as excavating burrows/crevices to minimize mortality and monitoring construction activities following the Conditions of Approval of an ITP for the Covered Species. The Designated Biologist(s) and Designated Monitor(s) shall be responsible for monitoring Covered Activities to help minimize and fully mitigate or avoid the incidental take of individual Covered Species and to minimize disturbance of Covered Species' habitat. Permittee shall obtain CDFW approval of the Designated Biologist(s) and Designated Monitor(s) in writing before starting Covered Activities and shall also obtain approval in advance, in writing, if the Designated Biologist(s) or Designated Monitor(s) must be changed	ITP Condition # 5.2	Before commencing ground- or vegetation-disturbing activities	Permittee	
3	Education Program. Permittee shall conduct an education program for all persons employed or otherwise working in the Project Area before performing any work. The program shall consist of a presentation from the Designated Biologist that includes a discussion of the biology and general behavior of the Covered Species, information about the 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 prepare and distribute wallet-sized cards or a fact sheet handout containing this information for workers to carry in the Project Area. Permittee shall provide interpretation for non-English speaking workers, and the same instruction shall be provided to any new workers before they are authorized to perform work in the Project Area. Upon completion of the program, employees shall sign a form stating they attended the program and understand all protection measures. This training shall be repeated at least once annually for long-term and/or permanent employees that will be conducting work in the Project Area.	ITP Condition # 5.4	Before commencing ground- or vegetation-disturbing activities / Entire Project	Permittee	
4	<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, ideally at daily intervals but at least once a week, to avoid attracting opportunistic predators such as ravens, coyotes, and feral dogs.	ITP Condition # 5.6	Before commencing ground- or vegetation-disturbing activities / Entire Project	Permittee	

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
5	Delineation of Work Area Boundaries. A Work Area is defined as the discrete zone(s) within the Project Area where Covered Activities will actively occur. Before starting Covered Activities at each phase of development, the Permittee shall clearly delineate the boundaries of the active Work Area where the Covered Activities will occur with fencing, stakes, or flags. 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 that Work Area.	ITP Condition # 5.9	Before commencing ground- or vegetation-disturbing activities/ Entire Project	Permittee	
6	Notification Before Commencement. The Designated Representative shall notify CDFW no more than 14 calendar days before starting Covered Activities and shall document compliance with all pre-Project Conditions of Approval before starting Covered Activities.	ITP Condition #6.1.	Before commencing ground- or vegetation-disturbing activities / Entire Project	Permittee	
7	<u>Pre-Construction Surveys</u> . The Designated Biologist(s) shall perform pre-construction surveys for Covered Species no more than 30 days prior to conducting Covered Activities within a given Work Area. Surveys shall include 100 percent coverage of each Work Area undergoing Covered Activities and a 50-foot buffer. All potential and known individuals detected shall be flagged and mapped. The Designated Biologist shall submit a report documenting the results of the preconstruction surveys to CDFW no less than five days prior to starting Covered Activities in each Work Area.	ITP Condition # 7.10	Before commencing ground- or vegetation-disturbing activities / Entire Project	Permittee	
8	Bakersfield Cactus Salvage Plan. The Designated Biologist shall salvage Bakersfield cactus individuals that cannot be avoided as required in Condition of Approval Covered Species Avoidance prior to the start of Covered Activities in each Work Area. The Designated Biologist shall replant Bakersfield cactus within each Work Area, where Bakersfield cactus were removed, after temporary disturbance is completed. The Designated Biologist shall submit a Bakersfield Cactus Salvage Plan to CDFW for review and written approval prior to salvage and replanting of any Bakersfield cactus individuals.	ITP Condition # 7.13	Before commencing ground- or vegetation-disturbing activities	Permittee	
9	Western Joshua Tree Removal. The Designated Biologist shall supervise removal of western Joshua trees that cannot be avoided as required in Condition of Approval Covered Species Avoidance prior to the start of Covered Activities in each Work Area.	ITP Condition # 7.14	Before commencing ground- or vegetation-disturbing activities (or within 18 months of issuance of the ITP if Security is provided)	Permittee	
10	Habitat Management Land Acquisition and Enhancement Fund. 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 western Joshua tree that will result from implementation of the Covered Activities. CDFW has determined that, along with the salvage requirement described above, funding to benefit Bakersfield cactus at an existing CDFW Bakersfield cactus ecological reserve is necessary and required pursuant to CESA to fully mitigate impacts of the Project-related taking on the Covered Species. This determination is based on factors including an assessment of the importance of the habitat in the Project Area, the extent to which the Covered Activities will impact the habitat, and CDFW's estimate of the protected acreage and funding required to provide for adequate compensation.	ITP Condition #8	Before commencing ground- or vegetation-disturbing activities (or within 18 months of issuance of the ITP if Security is provided)	Permittee	

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
	To meet this requirement, the Permittee shall purchase 5 acres of western Joshua tree credits from a CDFW-approved mitigation or conservation bank pursuant to Condition of Approval Western Joshua Tree Credits and provide funding pursuant to Condition of Approval CDFW Ecological Reserve Enhancement Funding below.				
11	Western Joshua Tree Credits. Permittee shall purchase 5 acres of western Joshua tree credits from a CDFW-approved mitigation or conservation bank prior to initiating Covered Activities. Prior to purchase of western Joshua tree credits, Permittee shall obtain CDFW approval to ensure the mitigation or conservation bank is appropriate to compensate for the impacts of the Project. Permittee shall submit to CDFW a copy of the Bill of Sale(s) and Payment Receipt prior to initiating Covered Activities.	ITP Condition #8.1	Before commencing ground- or vegetation-disturbing activities (or within 18 months of issuance of the ITP if Security is provided)	Permittee	
12	<u>CDFW Ecological Reserve Enhancement Funding</u> . Funding to enhance management activities at a CDFW Ecological Reserve that supports Bakersfield cactus is necessary to fully mitigate the impact of the Project-related taking of Bakersfield cactus. Permittee shall provide a one-time payment of \$38,377.90 to CDFW along with the Mitigation Payment Transmittal Form (Attachment 3) to provide for fencing and to address trespass impacts to Bakersfield cactus on the Ecological Reserve. Funding to CDFW must be completed before starting Covered Activities.	ITP Condition #8.2	Before commencing ground- or vegetation-disturbing activities (or within 18 months of issuance of the ITP if Security is provided)	Permittee	
DUR	ING CONSTRUCTION				
13	Designated Biologist and Designated Monitor Authority. To ensure compliance with the Conditions of Approval of the ITP, the Designated Biologist and/or Designated Monitor shall immediately stop any activity that does not comply with the ITP and/or order any reasonable measure to avoid the unauthorized take of an individual of the Covered Species. Permittee shall provide unfettered access to the Project Area and otherwise facilitate the Designated Biologist and/or Designated Monitor in the performance of his/her duties. If the Designated Biologist and/or Designated Monitor is unable to comply with the ITP, then the Designated Biologist and/or Designated Monitor shall notify the CDFW Representative immediately. Permittee shall not enter into any agreement or contract of any kind, including but not limited to non-disclosure agreements and confidentiality agreements, with its contractors and/or Designated Biologist and/or Designated Monitor that prohibit or impede open communication with CDFW, including but not limited to providing CDFW staff with the results of any surveys, reports, or studies or notifying CDFW of any non-compliance or take. Failure to notify CDFW of any non-compliance or take or injury of a Covered Species as a result of such agreement or contract may result in CDFW taking actions to prevent or remedy a violation of the ITP.	ITP Condition # 5.3	Entire Project	Permittee	
14	Construction Monitoring Documentation. The Designated Biologist(s) and Designated Monitor(s) shall maintain construction-monitoring documentation on-site in either hard copy or digital format throughout the construction period, which shall include a copy of the ITP with attachments and a list of signatures of all personnel who have successfully completed the education program. Permittee shall ensure a copy of the construction-monitoring documentation is available for review at the Project site upon request by CDFW.	ITP Condition # 5.5	Entire Project	Permittee	
15	<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.	ITP Condition #5.7	Entire Project	Permittee	

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
16	<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 (erosion control matting) or similar material, in potential Covered Species' habitat.	ITP Condition # 5.8	Entire Project	Permittee	
17	<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 # 5.10	Entire Project	Permittee	
18	<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. 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 # 5.11	Entire Project	Permittee	
19	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 Project Access of the ITP.	ITP Condition # 5.12	Entire Project	Permittee	
20	<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 # 5.13	Entire Project	Permittee	
21	<u>CDFW Access</u> . Permittee shall provide CDFW staff with reasonable access to the Project and shall otherwise fully cooperate with CDFW efforts to verify compliance with or effectiveness of mitigation measures set forth in the ITP.	ITP Condition # 5.14	Entire Project	Permittee	
22	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 the Covered Species and wildlife as part of the worker education program (refer to Condition of Approval Education Program.).	ITP Condition # 5.16	Entire Project	Permittee	
23	Notification of Non-compliance. The Designated Representative shall immediately notify CDFW if the Permittee is not in compliance with any Condition of Approval of the ITP, including but not limited to any actual or anticipated failure to implement measures within the time periods indicated in the ITP and/or the MMRP. The Designated Representative shall follow up within 24 hours with a written report to CDFW describing, in detail, any non-compliance with the ITP and suggested measures to remedy the situation.	ITP Condition # 6.2	Entire Project	Permittee	

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
24	Compliance Monitoring. The Designated Biologist shall be on-site daily when Covered Activities occur. The Designated Biologist shall conduct compliance inspections a minimum of once weekly during periods of inactivity and after clearing, grubbing, and grading are completed. The Designated Biologist shall conduct compliance inspections to:	ITP Condition # 6.3	Entire Project	Permittee	
	(1) minimize incidental take of the Covered Species;(2) prevent unlawful take of species;				
	(3) check for compliance with all measures of the ITP;(4) check all exclusion zones; and				
	 (5) ensure that signs, stakes, and fencing are intact, and that Covered Activities are only occurring in the Project Area. 				
	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.				
25	Quarterly Compliance Report. The Designated Representative or Designated Biologist shall compile the observation and inspection records identified in Condition of Approval Compliance Monitoring into a Quarterly 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. Quarterly Compliance Reports shall be submitted to the CDFW offices listed in the Notices section of the ITP and via e-mail to CDFW's Regional Representative and Headquarters CESA Program. At the time of the ITP's approval, the CDFW Regional Representative is Shaelyn Latronica (Shaelyn.Latronica@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 # 6.4	Entire Project	Permittee	
26	Annual Status Report. Permittee shall provide CDFW with an Annual Status Report (ASR) no later than January 31 of every year beginning with issuance of the ITP and continuing until CDFW accepts the Final Mitigation Report identified below. Each ASR shall include, at a minimum: (1) a summary of all Quarterly Compliance Reports for that year identified in Condition of Approval Quarterly Compliance Report; (2) a general description of the status of the Project Area and Covered Activities, including actual or projected completion dates, if known; (3) a copy of the table in the MMRP with notes showing the current implementation status of each mitigation measure; (4) an assessment of the effectiveness of each completed or partially completed mitigation measure in avoiding, minimizing and mitigating Project impacts; (5) all available information about Project-related incidental take of the Covered Species; (6) an accounting of the number of acres subject to both temporary and permanent disturbance, both for the prior calendar year, and a total since ITP issuance; and (7) information about other Project impacts on the Covered Species.	ITP Condition # 6.5	Entire Project	Permittee	

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
27	CNDDB Observations. The Designated Biologist shall submit all observations of Covered Species to CDFW's California Natural Diversity Database (CNDDB) within 60 calendar days of the observation and the Designated Biologist shall include copies of the submitted forms with the next Quarterly Compliance Report or ASR, whichever is submitted first relative to the observation.	ITP Condition # 6.6	Entire Project	Permittee	
28	Notification of Take or Damage. Permittee shall immediately notify the Designated Biologist if a Covered Species is taken or damaged by a Project-related activity, or if a Covered Species is otherwise found dead or damaged within the vicinity of the Project. The Designated Biologist or Designated Representative shall provide initial notification to CDFW by contacting the Regional office at R4CESA@wildlife.ca.gov. The initial notification to CDFW shall include information regarding the location, species, and number of plants taken or damaged 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 plant or carcass, and if possible, provide a photograph, explanation as to cause of take or damage, and any other pertinent information. The written report shall be submitted via e-mail to the Regional Representative and Regional Office.	ITP Condition # 6.8	Entire Project	Permittee	
29	<u>Designated Biologist On-Site</u> . A Designated Biologist shall be on-site daily during all ground or vegetation disturbing Covered Activities.	ITP Condition # 7.1	Entire Project	Permittee	
30	<u>Delineation of Ingress and Egress Routes</u> . Permittee shall flag or otherwise clearly mark all access roads in the field from established roads and vehicle operation shall be limited to these designated ingress and egress routes.	ITP Condition # 7.2	Entire Project	Permittee	
31	Equipment Fueling, Water and Restroom Facilities. Permittee shall ensure that mobile equipment fueling, equipment maintenance, and construction employee water and restroom facilities are located at least 50 feet from Covered Species individuals unless approved in advance and in writing by CDFW. Additionally, these facilities shall include containment devices that will preclude fuel or other liquids from exiting the area in the event of a spill or leak. Permittee shall ensure that sufficient spill containment and cleanup equipment are present at all mobile, temporary, and permanent equipment fueling, equipment maintenance, and construction employee water and restroom facilities locations.	ITP Condition # 7.3	Entire Project	Permittee	
32	Herbicide Use. Permittee shall ensure that all herbicide use (mixing, application, and clean-up) is confined to a Work Area and is otherwise not conducted within 50 feet of Covered Species individuals that are on or adjacent to the Project Area. Herbicide application shall be conducted by a licensed applicator in accordance with all applicable State, federal, and local laws and regulations. Permittee shall only apply herbicide via ground application when wind speed measures less than 10 miles per hour. All herbicide used within a Work Area shall contain a dye to prevent overapplication or overspray. Permittee shall ensure that care is taken to avoid herbicide contact with any native vegetation outside the boundaries of the Project Area.	ITP Condition # 7.4	Entire Project	Permittee	
33	Rodenticides and Insecticides. Permittee shall not use rodenticides and/or insecticides at the Project Area without written approval from CDFW. A request for approval shall include a written description identifying the need for rodenticides or insecticides and a description of the products to be used. Second-generation anticoagulant rodenticides (brodifacoum, bromadiolone, difethialone, and difenacoum) shall not be approved.	ITP Condition # 7.5	Entire Project	Permittee	

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
34	Soil Stockpiles. Permittee shall ensure that soil stockpiles are placed where soil will not pass into any "Waters of the State" in accordance with Fish and Game Code section 5650. Permittee shall protect stockpiles to prevent soil erosion.	ITP Condition # 7.6	Entire Project	Permittee	
35	Road Resurface Fill. Permittee shall ensure that any road surfacing remnant that is crushed and used as fill material will be placed in locations that it will not pass into any "Waters of the State" in accordance with Fish and Game Code section 5650.	ITP Condition # 7.7	Entire Project	Permittee	
36	Erosion Control Seed Application. In areas where application of seed is desired for erosion control purposes, Permittee shall submit a written description of the proposed seed mixture, substrate, and application method to CDFW for written approval prior to each application for the duration of the ITP. The seed mix shall be composed of a blend of a locally native grass, wildflower, and/or shrub species. A weed-free straw or mulch may be used. Sterile non-native perennial grass species may be used, provided the amount does not exceed 25 percent of the total seed mix by count.	ITP Condition # 7.8	Entire Project	Permittee	
37	Invasive Species. Permittee shall conduct Covered Activities in a manner that prevents the introduction, transfer, and spread of invasive species, including plants, animals, and microbes (e.g., algae, fungi, parasites, bacteria, etc.), to the Project Area and adjacent Covered Species habitat. Prevention best management practices and guidelines for invasive plants can be found on the California Invasive Plant Council's website at Prevention – California Invasive Plant Council (cal-ipc.org).	ITP Condition # 7.9	Entire Project	Permittee	
38	Covered Species Avoidance. All Covered Species individuals that will not be directly impacted by ground-disturbing activities shall be protected with a minimum 50-foot buffer. Brightly colored pin flags will be placed at or around each avoided individual or avoided group of individuals at least 2 workdays ahead of a given days planned ground disturbance footprint. The flagged avoidance areas shall be located in accordance with direction from the Designated Biologist(s). Flagging shall be removed from each 0.5 mile segment within 48 hours of completion of Covered Activities in that 0.5 mile segment. Buffer reduction requests may be considered; any buffer reduction requests shall be submitted to CDFW in writing and shall include the distance of the reduced buffer and an analysis of potential risks to the Covered Species, including but not limited to, potential risks from erosion, changes in hydrology, dust, or chemical drift. A buffer reduction shall not be implemented without written approval from CDFW. Permittee may use posted signs, posting stakes, rope or cord, and/or fencing as an alternative to brightly colored pin flags with written permission from CDFW.	ITP Condition # 7.11	Entire Project	Permittee	
39	Vegetation Restoration Plan. Permittee shall restore on-site the 6.9 acres of Covered Species habitat that will be temporarily disturbed during construction to pre-project or better condition. Within six months of issuance of the ITP, the Permittee shall prepare a Vegetation Restoration Plan to facilitate revegetation of the 6.9 acres of temporary construction disturbance on-site and shall ensure that the Plan is successfully implemented. The Plan shall include detailed specifications for restoring all temporarily disturbed areas, such as seed mixes and application methods. The Vegetation Restoration Plan shall also indicate the best time of year for seeding to occur. Alternatively, the Permittee may submit the HRP described in the Project Description for CDFW review and written approval to fulfill this requirement.	ITP Condition # 7.12	Entire Project	Permittee	

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
40	Topsoil Salvage. When a western Joshua tree is removed, Permittee shall ensure topsoil is salvaged and deposited in an area on-site where western Joshua tree will be avoided/conserved, giving priority to proposed recipient sites with nutrient-poor soil. If needed, topsoil stockpiles will be covered with coarse aggregate for protection from wind and water erosion.	ITP Condition # 7.15	Entire Project	Permittee	
41	Western Joshua Tree Stockpiles. If dead and/or removed western Joshua trees are stockpiled on site, they shall not be placed within 50 feet (approximately 15 meters) of avoided western Joshua trees or Bakersfield cactus.	ITP Condition # 7.16	Entire Project	Permittee	
POS	T-CONSTRUCTION				
42	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.	ITP Condition # 5.15	Post-construction	Permittee	
43	Final Mitigation Report. No later than 45 days after completion of all mitigation measures, Permittee shall provide CDFW with a Final Mitigation Report. The Designated Biologist shall prepare the Final Mitigation Report which shall include, at a minimum: (1) a summary of all Quarterly Compliance Reports and all ASRs; (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 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 # 6.7	Post-construction and after completion of mitigation	Permittee	
44	Final Mitigation Report is accepted by CDFW.	ITP Condition # 6.7	Post-construction	CDFW	

ATTACHMENT 2

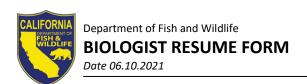
Biologist Resume Form

Biologist/Botanist Resume Submittal Cover Sheet

expedite CDFW re	review
ke CDFW to revie	iew for
OA #(s) to implem	ment
omeor omy,	
Date:	

¹ Requested roles correspond to the biological staffing requirements indicated in the Incidental Take Permit (ITP). Roles may include a "Designated Biologist" with the necessary experience to survey for special-status species or a "Designated Monitor" with the necessary experience to monitor construction activities for special-status species. More than one role may be requested for an individual.

² Please contact the Regional Representative specified in the ITP with any questions about the Condition of Approval numbers for Designated Monitors.



SECTION 1. NAME AND CONTACT INFORMATION

Name:	Title:	
Company Name & Address:	Phone:	
Address:	Email:	

SECTION 2. EDUCATION

College/University & Degree Type Related to Natural Resource Science:	
Other Relevant Workshops & Training:	

SECTION 3. ROLE(S) AND PERMIT REQUIREMENTS

Requested Role(s):	
Relevant LSA Agreement Measures or ITP Conditions ² :	

SECTION 4. SPECIES AND RESOURCE EXPERIENCE - SUMMARY

LSA Agreement/ITP Special Status Species & Other Sensitive Resources

This section summarizes experience for species and other resource. Use one line for: 1) each species or other resource where surveys or special protections are required in the LSA Agreement/ITP for which the biologist is requesting approval. ³ If more space is needed, add rows to this table. Provide details in Section 5.

Species or Resource	Number of Field Seasons & Hours, Life Stages Observed Provide project details in Section 5	Life History Knowledge Describe formal workshops & training with dates, or informal training details	CDFW SCP, MOU, & USFWS 10a1a Authorization Number & Authorized Activities This form does not fulfill SCP, MOU, & USFWS 10a1a reporting requirements
Insert Species or Resource 1	Field seasons: Hours: Life Stages:		Issued to: Expiration: Agency contact:
Insert Species or Resource 2	Field seasons: Hours: Life Stages:		Issued to: Expiration: Agency contact:
Insert Species or Resource 3	Field seasons: Hours: Life Stages:		Issued to: Expiration: Agency contact:
Insert Species or Resource 4	Field seasons: Hours: Life Stages:		Issued to: Expiration: Agency contact:

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

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

SECTION 5. SPECIES AND RESOURCE EXPERIENCE – DETAILS

This section provides detailed experidentified in Section 4. If more space			•
Insert Species or Resource 1			
Project 1 Name & Location:		Project Start & End Dates:	
LSA Agreement, ITP, or Other Agency Permit Number:		Role(s) ⁴ :	
Survey Type(s) ⁵ :		Construction Monitoring ⁶ :	Days: Activities:
Species Life Stages Observed & Handled, Number of Each:	Life Stage: Number Observed: Number Handled: Reported to CNDDB ⁷ (Y/N):	Company Name, Professional Reference Name, Phone, Email:	
If <u>not</u> reported to CNDDB, why:			
CDFW and Other Agency Email:			
Project 2 Name & Location:		Project Start & End Dates:	
LSA Agreement, ITP, or Other Agency Permit Number:		Role(s):	
Survey Type(s):		Construction Monitoring:	Days: Activities:
Species Life Stages Observed & Handled, Number of Each:	Life Stage: Number Observed: Number Handled: Reported to CNDDB (Y/N):	Company Name, Professional Reference Name, Phone, Email:	
If <u>not</u> reported to CNDDB, why:			
CDFW and Other Agency Email:			
Project 3 Name & Location:		Project Start & End Dates:	
LSA Agreement, ITP, or Other Agency Permit Number:		Role(s):	
Survey Type(s):		Construction Monitoring:	Days: Activities:
Species Life Stages Observed & Handled, Number of Each:	Life Stage: Number Observed: Number Handled: Reported to CNDDB (Y/N):	Company Name, Professional Reference Name, Phone, Email:	
If <u>not</u> reported to CNDDB, why:			

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

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

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

⁷ CNDDB is the abbreviation for California Natural Diversity Database.

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

LSA Agreement, ITP, or Other Agency Permit Number:		Role(s):	
Survey Type(s):		Construction Monitoring:	Days: Activities:
Species Life Stages Observed & Handled, Number of Each:	Life Stage: Number Observed: Number Handled: Reported to CNDDB (Y/N):	Company Name, Professional Reference Name, Phone, Email:	
If <u>not</u> reported to CNDDB, why:			
CDFW and Other Agency Email:			
Project 2 Name & Location:		Project Start & End Dates:	
LSA Agreement, ITP, or Other Agency Permit Number:		Role(s):	
Survey Type(s):		Construction Monitoring:	Days: Activities:
Species Life Stages Observed & Handled, Number of Each:	Life Stage: Number Observed: Number Handled: Reported to CNDDB (Y/N):	Company Name, Professional Reference Name, Phone, Email:	
If not reported to CNDDB, why:			•
CDFW and Other Agency Email:			
		Project Start & End Dates:	
CDFW and Other Agency Email:		Project Start & End Dates: Role(s):	
CDFW and Other Agency Email: Project 3 Name & Location: LSA Agreement, ITP, or Other		-	Days: Activities:
CDFW and Other Agency Email: Project 3 Name & Location: LSA Agreement, ITP, or Other Agency Permit Number:	Life Stage: Number Observed: Number Handled: Reported to CNDDB (Y/N):	Role(s):	· ·
CDFW and Other Agency Email: Project 3 Name & Location: LSA Agreement, ITP, or Other Agency Permit Number: Survey Type(s): Species Life Stages Observed &	Number Observed: Number Handled: Reported to	Role(s): Construction Monitoring: Company Name, Professional Reference	· ·
CDFW and Other Agency Email: Project 3 Name & Location: LSA Agreement, ITP, or Other Agency Permit Number: Survey Type(s): Species Life Stages Observed & Handled, Number of Each:	Number Observed: Number Handled: Reported to	Role(s): Construction Monitoring: Company Name, Professional Reference	· ·
CDFW and Other Agency Email: Project 3 Name & Location: LSA Agreement, ITP, or Other Agency Permit Number: Survey Type(s): Species Life Stages Observed & Handled, Number of Each: If not reported to CNDDB, why:	Number Observed: Number Handled: Reported to	Role(s): Construction Monitoring: Company Name, Professional Reference	· ·
CDFW and Other Agency Email: Project 3 Name & Location: LSA Agreement, ITP, or Other Agency Permit Number: Survey Type(s): Species Life Stages Observed & Handled, Number of Each: If not reported to CNDDB, why: CDFW and Other Agency Email:	Number Observed: Number Handled: Reported to	Role(s): Construction Monitoring: Company Name, Professional Reference	· ·
CDFW and Other Agency Email: Project 3 Name & Location: LSA Agreement, ITP, or Other Agency Permit Number: Survey Type(s): Species Life Stages Observed & Handled, Number of Each: If not reported to CNDDB, why: CDFW and Other Agency Email: Additional Information:	Number Observed: Number Handled: Reported to	Role(s): Construction Monitoring: Company Name, Professional Reference	· ·
CDFW and Other Agency Email: Project 3 Name & Location: LSA Agreement, ITP, or Other Agency Permit Number: Survey Type(s): Species Life Stages Observed & Handled, Number of Each: If not reported to CNDDB, why: CDFW and Other Agency Email: Additional Information: Insert Species or Resource 4	Number Observed: Number Handled: Reported to	Role(s): Construction Monitoring: Company Name, Professional Reference Name, Phone, Email:	· ·

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

ATTACHMENT 3

Mitigation Payment Transmittal Form

Docusign Envelope ID: 4701BD1A-16B2-4E19-AC1A-F63B902FF25B

State of California - Department of Fish and Wildlife

MITIGATION PAYMENT TRANSMITTAL FORM

DFW 1057 (REV.05/18/21)

Project Applicant Instructions: Please fill out and attach this form to payment. For conservation banks, also attach the Bill(s) of Sale for credits sold. One form may be used for multiple transactions, BUT YOU MUST USE A SEPARATE FORM FOR EACH CHECK YOU TRANSMIT. Make sure to include Project Name, Project Tracking Number, and ASB Mitigation Tracking Number (if available) on the attached payment type.

1. DA	NTE:	2. FROM:
		Name
то):	
	Regional Manager	Mailing Address
		City, State, Zip
	Region Office Address	City, State, Zip
		Telephone Number/FAX Number
3. RI	E :	
	Project Name as appears on permit/agreement	
4. AGRE	EMENT/ACCOUNT INFORMATION: (check the app	plicable type)
□ 20:	81 Permit ☐ Conservation Bank ☐ 2835 NCC	P ☐ 1802 Agreement ☐ 1600 Agreement ☐ Other
□ 200	OTT CHIRK GOODSCIVATION DAIN GOODS	1 1002 Agreement 1000 Agreement 1001161
	Project Tracking Number	
5.	PAYMENT TYPE (One check per form only): The followin	g funds are being remitted in connection with the above referenced project:
	Check information:	g g
	·	
	Total \$ Check	No
	Account No Bank F	Routing No
	a. Endowment: for Long-Term Management	Subtotal \$
	b. Habitat Enhancement	Subtotal \$
	c. Security:	T
	Cash Refundable Security	Deposit Subtotal \$
	2. Letter of Credit	Subtotal \$
	1. Financial Institution:	
	2. Letter of Credit Number	er:
Δ	CCOUNTING OFFICE USE ONLY	
	Description	FI\$Cal Coding
	dchart ct, Program, Reference, Fund)	
	rting Structure	
Categ	gory	
Date E	Established:	Ву:

Please send this form to asbmitigation@wildlife.ca.gov