Environmental Minor Project Refinement Form

Project Name: ELM Series Capacitor Project Request Prepared By: EPG/Terracon

Date Approval Required: January 18, 2022 Variance Request No.: 7

Date Submitted: January 6, 2022 Location: 35501 National Trails Highway Daggett, CA San Bernadino County

Landowner: Private Landowner Parcel Number: N/A It is within public right-of-way

Current Vegetative Cover/Land Use: Developed/Disturbed lot adjacent to residential and railroad easement

Existing Sensitive Resource? X NO ☐ YES Specify:

Modifying (check as many as apply): ☐ MITIGATION MEASURE ☐ PLAN/PROCEDURE ☐ SPECIFICATION ☐ DRAWING ☐ PERMIT CONDITION X OTHER

Specify Source (e.g., Mitigation Measure B.5): Initial Study/ Mitigated Negative Declaration approved work areas

Description of Change and Justification (Attach additional sheets if needed.)

Attachments:

X PHOTO CONSTRUCTION DRAWING ☐ ADDITIONAL ENVIRONMENTAL ANALYSIS ☐ CORRESPONDENCE X OTHER:

OVERVIEW

Southern California Edison (SCE) is proposing the use of an additional established water source for the Eldorado-Lugo- Mohave Series Capacitor Project. The water source is located on private property, at 35501 National Trails Highway, Daggett, San Bernardino County, California. The hydrant is surrounded by paved areas in the parking lot area of a defunct fuel station. The hydrant is bordered on the west and north sides by paved, high traffic roads. The BNSF railroad passes within the 300ft buffer to the north. The parking lot and defunct fuel station parking lot, building, and pumps occupy the immediate areas to the east and south. Beyond the pumps and building to the east is a small residential area and beyond the area to the south is a sparsely vegetated road shoulder. Since this property is privately- owned, it falls under the CPUC's regulatory jurisdiction for the project.

The site is a developed/disturbed lot. A single residence is located approximately 150 ft. west of the hydrant across a high traffic road. A collection of mobile home residences is located approximately 200 ft to the southeast of the hydrant. Up to two water trucks per day will access the site via the aforementioned existing access roads, park, fill, and depart using the same roads as needed. The water truck and monitor vehicles will be rubber-tired vehicles. No vegetation removal, grading, or excavation is required. Vehicles will remain within existing disturbed areas.

This location was subject to a Temporary Extra Work Space (TEWS) request that was approved by the CPUC on November 18, 2021 (Attachment 1). The TEWS request includes three maps that show the location of the water source at different scales. Additionally, the maps show land jurisdiction and a 300-ft biological pre-construction survey buffer. This water source was initially intended to support construction at the ELM Mid-Line Series Capacitors as a secondary water source when needed. To support construction activities and ensure an adequate water supply for dust suppression, SCE wishes to add the water source for the duration of the project, extending beyond the January 18, 2022 expiration date of the TEWS. SCE and its contractors currently estimate that construction activity would be complete near the end of June 2022.

SITE DESCRIPTION

The hydrant is bordered on the west and north sides by paved, high traffic roads. The BNSF railroad passes within the 300ft buffer to the north. The parking lot and defunct fuel station parking lot, building, and pumps occupy the immediate areas to the east and south. Beyond the pumps and building to the east is a small residential area and beyond the area to the south is a sparsely vegetated road shoulder. Little native vegetation exists within the 300-ft buffer and no suitable habitat for desert tortoise or other sensitive species is present.

BIOLOGICAL RESOURCES

The location of the water source features no suitable habitat for special-status plants or animals. There is a potential for nesting birds with a high tolerance for human activity to occur within the proposed work area. With

Desert Tortoise:

The proposed work area is not located within suitable desert tortoise habitat, as determined by vegetation types and ground cover. The proposed work area is a disturbed/developed road shoulder and fuel station parking lot, devoid of native habitat required to support the species. No desert tortoise sign was observed during the TEWS site survey conducted on 11/09/2021.

A preconstruction survey will be conducted within 7 days prior to the initiation of construction activities in the proposed work area and biological sweeps will be conducted according to protocol during continuous work activities. If any desert tortoises are found during the preconstruction survey or construction activities, potential impacts will be addressed through implementation of appropriate mitigation measures and biological monitoring.

Special-Status Terrestrial Herpetofauna:

No evidence of special-status terrestrial herpetofauna was observed during the TEWS biological survey conducted on 11/09/2021. A preconstruction survey will be conducted within 7 days prior to the initiation of construction activities in the proposed work area and biological sweeps will be conducted according to protocol during continuous work activities. If any special-status terrestrial herpetofauna are found during the preconstruction survey or construction activities, potential impacts will be addressed through implementation of the mitigation measures. With the implementation of Project mitigation measures, no impacts to the special-status species are anticipated.

Nesting Birds:

Suitable substrates for nesting birds protected by the California Fish and Game Code and Migratory Bird Treaty Act, including trees, shrubs, man-made structures, and the ground surface, can be found within the proposed work area. A preconstruction survey for nesting birds will be conducted prior to the initiation of construction activities during the avian breeding season (Jan 1 – Aug 31). If active nests are identified, avoidance buffers will be established in accordance with the project Nesting Bird Management Plan (NBMP). With implementation of the NBMP, no impacts are anticipated.

Special-Status Riparian Birds:

No suitable habitat for riparian birds (least Bell's vireo or southwestern willow flycatchers) occurs within 500 feet of the proposed work area. Therefore, no impacts are anticipated.

Golden Eagle:

Based on a review of USFWS data and both aerial habitat assessments and protocol surveys conducted for the Project, suitable nesting habitat for golden eagles does not exist within 2 miles of the proposed hydrant. Therefore, no active golden eagle nests are expected to occur in the vicinity and no impacts are anticipated.

Burrowing Owl:

The entire Project is located within the overall range of the burrowing owl and burrowing owl habitat is widespread across its footprint, including on/near the proposed work area. No burrowing owls, burrows, or sign were observed in or near the proposed work area during the TEWS survey conducted on 11/09/2021.

A preconstruction survey will be conducted prior to the initiation of construction activities in the proposed work area. If any burrowing owl are found during the preconstruction survey or construction activities, potential impacts will be addressed according to the Burrowing Owl Passive Relocation Plan. With the implementation of Project mitigation measures, no impacts to the species are anticipated.

Special-Status Bats

No rocky outcrops or trees potentially providing suitable roosting habitat for bat species will be affected by the proposed work. Therefore, no impacts are anticipated.

Special-Status Small Mammals Special-status small mammals such as the American badger, desert kit fox, and/or ringtail can occur in many parts of the Project area, as suitable habitat is widespread. Based on the existing data reviewed and habitat conditions observed, the desert kit fox and American badger are assumed to be potentially present regionally, but not adjacent to the developed water source area. Suitable habitat for the ringtail is present in the region, but is limited in extent to riparian areas and some desert mountains, and not adjacent to the developed water source area. No evidence of special-status small mammals was detected during the TEWS survey conducted on 11/09/2021. A preconstruction survey will be conducted within 7 days prior to the initiation of construction activities in the proposed work area and biological sweeps will be conducted according to protocol during continuous work activities. A If any special-status small mammals are found during the preconstruction survey or construction activities, potential impacts will be addressed according to the Desert Kit Fox, American Badger, and Ringtail Avoidance and Mitigation Plan and mitigation measures. With the implementation of Project mitigation measures, no impacts to the species are anticipated.

Desert Bighorn Sheep:

Suitable habitat for desert bighorn sheep is present on the Project and this species is known to occur. However, no desert bighorn sheep have been previously observed in the vicinity of the proposed work area. The water source does not include habitat that supports the species. With monitoring, no impacts to the species are anticipated.

Special-status Plants:

The proposed work area is a developed/disturbed road shoulder and paved parking lot, and as such, is devoid of native plants. No special-status plants have been observed in the vicinity. Due to drought conditions and the timing of the TEWS survey on 11/09/2021, no annuals or event perennial herbs were present. Given these conditions and considering that the activities involve driving only on pavement, no impacts to special-status plants are anticipated by the use of this water source.
In general, if special-status plants are observed, potential impacts to special-status plants will be addressed in accordance with the Special-Status Plant Salvage and Relocation Plan.

Cacti, Yucca, and Trees:
No cactus or yucca species will be impacted by the use of this water source. The new work area is a developed/disturbed road shoulder and paved parking lot. No native cacti, yucca, or trees were identified during the TEWS biological survey conducted on 11/09/2021. Any cacti and yucca found during future preconstruction surveys or construction activities will be avoided to the extent feasible. Unavoidable impacts to cacti and yucca will be addressed in accordance with the Cacti and Yucca Salvage and Relocation Plan.

JURISDICTIONAL WATERWAYS
No jurisdictional waterways were observed in the survey area. The proposed work area and access roads are paved and no impacts to any jurisdictional waterways that may be outside the survey area are anticipated.

CULTURAL/PALEONTOLOGICAL RESOURCES
While the site is not located within the Area of Potential Effects (APE) for the project, desktop analysis was conducted by the EPG project permitted archeologist and the EPG lead paleontologist. The analysis of publicly-available maps and satellite imagery was conducted to determine if any known sites of cultural significance or deposits of paleontological significance occur in the water source work area, and/or would be impacted by the use of the water source.
The proposed water source is located on a private, fully developed lot. Workers will access the site via an existing paved access road, park a water truck near the water source, fill, and exit through the same paved access road. The workers and vehicles will not stray outside of the private lot and paved access road. No grading, excavation, or ground disturbance will occur on the paved access road or within the private lot. Therefore, no impacts to cultural or paleontological resources are anticipated.

CONCLUSION
No environmental constraints that would prohibit the use of the proposed water source were identified during the TEWS analysis and biological survey conducted on 11/09/2021. A 7-day preconstruction biological resurvey will be conducted prior to the start of activities at the proposed work area and regular sweeps will be conducted during construction activities. With implementation of the project MMs, no impacts to sensitive resources, such as biological, cultural, and paleontological resources, and jurisdictional waters areanticipated.

Resources:

Biological **X** NO SENSITIVE RESOURCES PRESENT ☐ SENSITIVE RESOURCES PRESENT ☐ N/A

New Survey Report Attached: ☐ YES ☐ NO

If No, Previous Biological Survey Reference: See preconstruction survey results presented herein and approved TEWS, attached.

Cultural **X** NO RESOURCES PRESENT ☐ RESOURCES PRESENT WITH PROJECT APE: ☐ YES ☐ NO
X (PAVED/GRAVEL AREA AND NO GROUND DISTURBANCE)

If in APE, Previous Cultural Survey Reference: _____

If not in APE, attach new survey report. See "Cultural and Paleontological Resources" above, and approved TEWS, attached.

Other Potential Impacts: (Check any potential changes to permitted impacts and provide details below. Attach additional sheets if needed.)

☐ AIR QUALITY	☐ LAND USE	☐ TRAFFIC
☐ BIOLOGICAL RESOURCES	X NOISE	☐ VISUAL
☐ CONTAMINATED SOILS	☐ PALEO RESOURCES	☐ WATER RESOURCES
☐ CULTURAL RESOURCES	☐ SOCIOECONOMIC	☐ WETLANDS
☐ HAZARDOUS MATERIALS	☐ STORM WATER (SWPPP)	

The hydrant proposed for use as a water source to aid in dust suppression for the SC2 Newberry Springs and SC5 Ludlow series capacitor sites is located adjacent to two noise sensitive receptors. A single residence is located approximately 150 ft. west of the hydrant across a high traffic road. A collection of mobile home residences is located approximately 200 ft to the southeast of the hydrant. While these Noise Sensitive Receptors are located near the hydrant, the noise of the nearby BNSF train track crossing (approximately 300 ft to the north) and the street noise of the intersection of National Trails Hwy and A Street (approximately 65 feet to the northwest) exceed the noise levels of a water truck filling from the hydrant and no additional noise impacts to the noise sensitive receptors are expected to result from Project use of the hydrant.

CEQA and Permitting: (Provide details for any "Yes" answer and attach additional information if needed.)

1. Will modification involve substantial changes that will require major changes to the CEQA document?
   ☐ YES X NO
2. Will modification result in new significant environmental effects or a substantial increase in the severity of previously identified impacts?
   ☐ YES X NO
3. Additional agency notifications and/or permit modifications required? ☐ YES X NO

Conditions of Approval or Reasons for Denial: (Attach additional information if needed.)

Required Signatures: (Attached email approvals may be used in lieu of signatures.)

SCE Construction Project Manager : ☐ VARIANCE MODIFICATION IS NEEDED FOR SAFE AND EFFICIENT CONSTRUCTION
Name: Jeff Miller Signature: Jeff Miller Date: 1/18/2022

Environmental Compliance Lead : ☐ FIELD REVIEW COMPLETE
Name: Marisa Musso / Sarah Winfrey Signature: Marisa Musso / Sarah Winfrey Date: 1/18/22 / 1/18/22

SCE Land Agent: ☐ CONSISTENT WITH EXISTING RIGHTS ☐ NEW RIGHTS OBTAINED
Name: Stephanie Tsai Signature: Stephanie Tsai Date: 01/13/2022

SCE Environmental Project Manager: ☐ APPROVED ☐ APPROVED WITH CONDITIONS (SEE CONDITIONS ABOVE) ☐ DENIED
Name: Sylvia Granados Signature: Sylvia Granados Date: 1/13/2022

SCE Project Manager: ☐ APPROVED ☐ APPROVED WITH CONDITIONS (SEE CONDITIONS ABOVE) ☐ DENIED
Name: Selya Arce Signature: Selya Arce Date: 1/19/2022

TEWS APPROVAL AND REQUEST
ATTACHMENT 1

ATTACHMENT H
TEMPORARY EXTRA WORK SPACE (TEWS) REQUEST

Eldorado - Lugo - Mohave Series Capacitors Project

Project Name	
35501 National Trails Hwy	Daggett, CA / San Bernardino County, CA
TEWS Location/Address	City/County
Hydrant location to fill water trucks for dust suppression at Newberry Springs and Ludlow Capacitor Sites	
Proposed Use of Site	
November 09, 2021 - January 6, 2022	7:00 am - 17:00 pm
Proposed Date(s) of Use	Proposed Hours of Use
Residential and railroad easement	
Adjacent Land Uses	
Sarah Winfrey, EPG Environmental Coordinator	11/8/2021
SCE Environmental Compliance Lead (Prepared by)	Date

Biological, Cultural and Paleontological reconnaissance surveys are mandatory for use of any areas containing vegetation, or exposed earth that have not been previously surveyed and fully described in project documents. Biological surveys are mandatory for all temporary extra work sites. Attach a diagram of the proposed area that identifies the location of the site and proximity to sensitive resources or receptors.

Complete the environmental checklist below. Note: **Yes** answers require additional clarification and should be submitted as an attachment to this form.

ATTACHMENT H
TEMPORARY EXTRA WORK SPACE (TEWS) REQUEST

Environmental Checklist	Yes*	No	CPUC Verified
Air Quality: Would equipment be on site or idled for more than 10 minutes? Would there be dust-producing activities?		X	
Biological Resources: Would use of the site result in potential impacts to sensitive biological resources? Would use of the site result in potential for the spread of noxious weeds?		X	
Cultural/Paleontological Resources: Would clearing or grading be required?		X	
Water Resources: Would runoff from the site flow into storm drains or a waterway? Would equipment refueling or maintenance be performed? Would materials block/impact storm drains or gutters?		X	
Land Use and Recreation: Would use of site block access to local land uses and recreational areas?		X	
Noise: Are noise-sensitive receptors adjacent to the site? (e.g., homes, schools, care facilities, hospitals, churches convalescent homes, parks, recreational areas)	X		
Socioeconomics: Would access to business be blocked? Would there be disruption of business operations?		X	
Traffic: Would parking be eliminated? Would increased construction traffic result in impacts? Is the site a residential area?		X	
Visual: Would lights at site create glare for adjacent land uses (including roadways)?		X	

Standard Conditions of Approval

The CPUC, via its designated Environmental Monitor, will review and appr v /den the Temporary Extra Workspace Request (TEWS) request within four business days of receiving thts completed form.

Use of TEWS is limited to 60 days. First proposed date of use: 11/8/2021

Use of TEWS shall be in compliance with local ordinances (including traffic/noise) and mitigation measures.If any signs of cultural resources are identified, work shall cease immediately and the site shall be reevaluated.

The proposed site shall not be used for storage of fuel or hazardous materials.

All drips, leaks, and/or spills from vehicles and/or equipment shall be cleaned-up immediately and disposed of in appropriate, labeled containers.

Adjacent streets shall be swept or cleaned with water at the end of each workday if visible soil material is carried on them.

No parking or storage of vehicles (including personnel vehicles), equipment, pipe, or any other project related item shall be allowed on adjacent roadways.

If a complaint is received, it shall be forwarded to the SCE Environmental Compliance Lead and the CPUC Environmental Monitor for review.

The following signatures indicate that the proposed site is approved for TEWS. On a random basis, a CPUC Environmental Monitor will verify that use of the pr0posed site is in accordance with the conditions noted. This approval may be revoked at any time by any one of the approval team. Failure to comply with all c nditions will result in immediate revocation of this TEWS approval.

Adriana Haines — 1/12/21

Property Owner — Date

Jeff Miller — 11/16/2021

SCE Construction Project Manager — Date

Sylvia Granados — 11/16/2021

SCE Environmental Project Manager — Date

The above TEWS request and attached documentation have been reviewed and this request is X approved or ____denied *(X one).*

Jenny Slaughter — 11/18/2021

CPUC Environmental Monitor — Date

Additional CPUC Conditions of Approval

(CPUC Monitor Initial JS

REASON(S) FOR DENIAL:

TEWS Request for Use of Hydrant at 35501 National Trails Hwy, Daggett CA 92327

Location Description

This TEWS is requesting use of a community hydrant within the town of Daggett, CA. The hydrant is surrounded by paved areas in the parking lot area of a defunct fuel station. The hydrant is boarded on the west and north sides by paved, high traffic roads and the BNSF railroad passes within the 300ft buffer to the north. Little native vegetation exists within the 300-ft buffer and no suitable habitat appeared to be present for desert tortoise or other sensitive species.

Explanation of Noise Sensitive Receptors:

The hydrant proposed for use as a water source to aid in dust suppression for the SC2 Newberry Springs and SC5 Ludlow series capacitor sites is located adjacent to two noise sensitive receptors. A single residence is located approximately 150 ft. west of the hydrant across a high traffic road. A collection of mobile home residences is located approximately 200 ft to the southeast of the hydrant. While these Noise Sensitive Receptors are located near the hydrant, the noise of the nearby BNSF train track crossing (approximately 300 ft to the north) and the street noise of the intersection of National Trails Hwy and A Street (approximately 65 feet to the northwest) exceed the noise levels of a water truck filling from the hydrant and no additional noise impacts to the noise sensitive receptors are expected to result from Project use of the hydrant.

Cultural Impacts

The cultural monitor (Nick Shepetuk; BCR) examined the site on 11/09/2021 and relayed his observations to the Lead Cultural Monitor (Steve Swanson; EPG). Because the location of the hydrant is a paved, high traffic use area that allows for public access, Mr. Swanson determined that no archeological reporting was necessary for this site.

Paleontological Impacts

According to the geologic map for the area (Dibblee, Jr. 1970) the area is underlain by Quaternary alluvium (Qa), which has a low Potential fossil Yield Classification (PFYC), and typically does not warrant surveying. In addition, the area of the hydrant seems heavily disturbed with gravel and paved areas, with no ground disturbance proposed. Considering these factors, it is the assessment of the EPG Paleontological Lead (Mike Pasenko; EPG) that paleontological resources are not a concern for the new water source at Daggett.

Dibblee, Jr. T.W. 1970. Geologic map of the Daggett Quadrangle, San Bernardino County, California. USGS Miscellaneous Geologic Investigations Map I-592.

Biological Impacts

FRED Survey Report 000194 conducted by the authorized biologist and lead avian biologist (Beth Wolff, EPG) and biological monitor (Sarah Winfrey; EPG) Is attached. No impacts to biological resources are anticipated from the use of the Daggett Hydrant.

Survey Parent

Parent ID: 000010

Survey Requestor: Marisa Musso (EPG)

Survey Approver: Jeff Montgomery (EPG)

Date: 01/27/2021

Segment:

Survey Location: The Eldorado Lugo Mohave Capacitor Project will increase capacity and power flow between SCE's existing Eldorado, Lugo, and Mohave Substations to safely deliver renewable power to the Los Angeles Basin from the Eldorado and Mohave Substations. The project will involve construction of two new 500-kV mid-line series capacitors, improvements to three existing 500-kV transmission lines, and improvements to the existing Eldorado, Lugo, and Mohave Substations. Specifically within the Ludlow Series Capacitor Site (SC5) the project will include: Construction of new 500 kV mid-line series capacitors (i.e., the proposed Newberry Springs Series Capacitor and Ludlow Series Capacitor) and associated equipment. Provide 2 communication paths between the series capacitor sites: Install approximately 2 miles of overhead and 500 feet of underground telecommunications facilities as one path to connect the proposed series capacitors to SCE's existing communication system. Install approximately 2 miles of underground telecommunications facilities as a second communication path to connect the series capacitors to SCE's existing communication system. The Ludlow Series Capacitor (SC5) is located north of historic U.S. Route 66-National Old Trails Highway and of Interstate 40, and west of the town of Ludlow. The areas within the Ludlow Series Capacitor Site are characterized as disturbed in some areas and undisturbed in others. The habitat surrounding area consists of creosote bush - white bursage scrub.

Method: Survey methods were based on current guidance from the U.S. Fish and Wildlife Service, California Department of Fish and Wildlife, and/or industry standards. Surveyors conducted pedestrian surveys by walking line transects spaced approximately 10 meters apart to ensure 100 percent visual coverage, plus a 300-feet buffer. Surveyors focused on observations of wildlife, wildlife sign (e.g., burrows, scat, tracks), and behavioral cues. The time, weather conditions, and other important details were recorded. The locations of special-status species and sensitive biological resources were recorded using hand-held Geographical Positioning System devices. General preconstruction surveys and preconstruction surveys for specific species/resources are based on the project mitigation measures, conservation measures, and other project requirements. The survey area and methods may vary depending on the applicable requirements. Below are the potential preconstruction survey target species/resources for the project, shown with the most relevant project requirements and associated buffers, if specified. The applicability for each is based on the potential for the species/resources to occur based on habitat assessments and historic data (see "Previous Survey Results" in each Survey Form). • Desert Tortoise (BLM EA BR-8; IS/MND BR-9): 300-foot buffer • Special-status Reptile (IS/MND BR-9): 300-foot buffer • Nesting Birds BLM EA BR-10 (BLM-EA BR-9, 10, 11; IS-MND BR-10): 300-foot buffer • Burrowing Owl (BLM BR-12; IS/MND BR-11): 300-foot buffer • Least Bell's Vireo (BLM EA BR-10) • Golden Eagle (BLM EA BR-9; IS/MND BR-10): 1 mile • Special-status Bats (BLM EA BR-18; IS/MND BR-12): 200-foot buffer • Special-status Small Mammals (BLM EA BR-14; IS/MND BR-13): 200-foot buffer • Desert Bighorn Sheep (BLM EA BR-14) • American Badger, ringtail, and desert kit fox (IS/MND BR-13): 200-foot buffer • Special-status Plants (BLM EA BR-2; IS-MND BR-6): 50-foot buffer • Cactus and Yucca (BLM-EA BR-15; IS-MND BR-6)

Created By: Marisa Musso (EPG)

Created Date: 11/09/2021

Report #: 000194

Eldorado Lugo Mohave Capacitor Project - Survey Form

Survey ID: 000194
Survey Recorder: Marisa Musso (EPG)
Survey Approver: Sarah Winfrey (EPG)
Surveyor(s):
Sarah Winfrey (EPG) and Beth Wolff (Lead Avian Biologist/ DETO AB; EPG)

Survey Type: General Biological Preconstruction Survey
Date: 11/09/2021
Locations Surveyed:

Daggett Hydrant and a 300-foot buffer

Weather:

Time	Wind	Visibility	Cloud Cover	Temperature	Notes	Extreme Events	Attachments
14:00	1-3 mph	Good	Partly Cloudy	80 F			

Segment: SC Yards
Project Component: LMN-Ludlow Series Capacitor (SC5)
UTM: 11N 510220 mE 3857804 mN
Buffer Radius (shown on map): 300 ft
Total Width of Buffer Surveyed (feet): 300
Inaccessible Areas within Survey Buffer: Yes **(X)** No

Describe inaccessible areas:
Areas to the south, east, west, and north were inaccessible as private property, roadways, and train tracks were not walked, but were surveyed with binoculars where appropriate.

Previous Survey Results::

Habitat assessments and focused/protocol surveys were previously conducted to support licensing, permitting, and preconstruction planning efforts for the project. The cumulative results serve to inform agency and project staff of the potential for special-status species to occur. The resources subject to these surveys are listed below. Previous survey results as they relate to the locations surveyed are also described. Insignia 2016-2019 Survey Results include:

Desert Tortoise – Suitable desert tortoise habitat is present around survey area. No desert tortoise sign was previously observed within the survey area of the Daggett Hydrant or the 300-foot buffer. With monitoring, no impacts are anticipated.

Special-status Bats – Special-status bats, including pallid bat, have potential to occur on the project. No special-status bats have previously been observed in the survey area in the survey areas.

Special-status Reptiles – Special-status reptiles, including Gila monster and Mojave-fringe-toed lizard, have potential to occur on the project. No Gila monster and Mojave-fringe-toed lizard have been observed in the survey areas.

Nesting Birds – Suitable substrates for nesting birds protected by the MBTA, including trees, shrubs, man-made structures, and the ground surface, can be found throughout the survey area. No nests were observed.
Burrowing Owl – Burrowing owl has potential to occur on the project. No known burrowing owl or sign has been previously observed within the survey areas.

Least Bell's Vireo – No suitable habitat for least Bell's vireo (LBVI) occurs within the survey area. Therefore, no impacts are anticipated in survey area.

Golden Eagle – Golden eagle has potential to occur on the project. No known golden eagle nests or territories are present in the vicinity of survey areas.

Special-status Small Mammals –Special-status small mammals such as the pallid San Diego pocket mouse, American badger, and desert kit fox have potential to occur on the project.

Desert Bighorn Sheep – Suitable habitat for desert bighorn sheep is present on the project and this species is known to occur. No desert bighorn sheep have been previously observed in the survey areas.

Special-status Plants –No special-status plants were recorded within the survey area, If special-status plants are later identified during clearance sweeps/monitoring, they will be avoided to the extent feasible. Unavoidable impacts to special-status plants will be addressed in accordance with the Special-status Plant Salvage and Relocation Plan.

Cacti, Yucca, and Trees –No previously recorded cacti, yucca or trees were within the survey area. If cacti, yucca, or trees are later identified during clearance sweeps/monitoring, they will be avoided to the extent feasible. Unavoidable impacts to cacti, yucca, and trees will be addressed in accordance with the Cacti and Yucca Salvage Plan.

Jurisdictional Waters –No ephemeral streambeds were located within the survey area of the Daggett Hydrant or the 300-foot buffer. Unavoidable impacts will be addressed in accordance to the approved SWPPP Plan.
Used Parent Method?: **(X)** Yes No
Unique Method Used for this Survey:
As part of the preconstruction survey, a focused survey for desert tortoise was conducted plus a 300-foot buffer. Surveyors walked 10-meter belt transects per the 2018 USFWS protocol for 100% visual coverage of the two small vegetated areas that fell within the 300 ft buffer. All sign was classified based on the 2009 USFWS Field Manual.

Current Survey Results:

Sarah Winfrey (EPG) and Beth Wolff (Lead Avian Biologist/ DETO AB; EPG) walked 10 ft transects of all vegetated areas within a 300-ft buffer of the Daggett hydrant during the preconstruction survey of the Daggett Hydrant and 300-foot buffer and associated access roads on November 8, 2021 between 1400 and 1500. The entire area of the survey and the 300-ft buffer do not appear to feature suitable habitat for desert tortoises or other sensitive biological resources. The possibility of human habituated nesting birds to occur in nearby buildings or light fixtures during the nesting bird season does exist.

Desert Tortoise- No desert tortoise sign was observed within the survey area. With monitoring, no impacts are anticipated.

Special-status Bats – Special-status bats, including pallid bat, have potential to occur on the project. No special-status bats were observed in the survey area. If active roosts are identified later, then focused surveys will be conducted to determine if the site supports special-status bat species requiring a 165-foot avoidance buffer.

Special-status Reptiles – Special-status reptiles, including Gila monster and Mojave-fringe-toed lizard, have potential to occur on the project. No Gila monster and Mojave-fringe-toed lizard were observed.

Nesting Birds – Suitable substrates for nesting birds protected by the MBTA, including trees, shrubs, man-made structures, and the ground surface, can be found throughout the survey area. No nests were observed in the survey areas of the 300-foot buffer. Biologists Sarah Winfrey (EPG) and Beth Wolff (Lead Avian Biologist/ DETO AB; EPG) surveyed a 500-foot buffer for suitable raptor nesting substrate. No nests were observed. If active nests are identified later during construction activities, avoidance buffers will be established according to the Nesting Bird Management.

Burrowing Owl – No BUOW, burrows, or sign was observed within the survey area. If active burrows are identified later within 300 feet of construction activities, potential impacts will be addressed according to the Burrowing Owl Passive Relocation Plan.

Least Bell's Vireo – No suitable habitat for least Bell's vireo (LBVI) occurs within the survey areas. Therefore, no impacts are anticipated.

Golden Eagle – Golden eagle has potential to occur on the project. No known golden eagle nests or territories are present in the vicinity of survey area. If an active nest is later during construction activities, BLM will be notified and avoidance buffers will be established according to the Nesting Bird Management Plan.

Special-status Small Mammals –Special-status small mammals such as the pallid San Diego pocket mouse, American badger, and desert kit fox have potential to occur on the project. With monitoring, no impacts are anticipated.

Desert Bighorn Sheep – Suitable habitat for desert bighorn sheep is present on the project and this species is known to occur. No desert bighorn sheep were observed in the survey area. With monitoring no impacts are anticipated.

Special-status Plants – No special-status plants were located in the survey area or the 300-foot buffer. If special-status plants are later identified during clearance sweeps/monitoring, they will be avoided to the extent feasible. Unavoidable impacts to special-status plants will be addressed in accordance with the Special-status Plant Salvage and Relocation Plan.

Cacti, Yucca, and Trees –No cacti, yucca or trees were observed within the survey area or the 300-foot buffer. Unavoidable impacts to cacti, yucca, and trees will be addressed in accordance with the Cacti and Yucca Salvage Plan.

Jurisdictional Waters –No ephemeral streambeds were located within the survey area of the Daggett Well or the 300-foot buffer. Unavoidable impacts will be addressed in accordance to the approved SWPPP Plan.

SCE Comments:

Non-Special Status Species:

Date Entered	Date Observed	Species	Other Species	Number Sighted	Attachments
11/09/2021	11/09/2021	Brown-headed Cowbird (Molothrus ater)	2		
11/09/2021	11/09/2021	House Finch (Carpodacus mexicanus)			
11/09/2021	11/09/2021	Rock Pigeon (Columba livia)		4	

Applicable Surveyed Species:

- [ ] American Badger
- [ ] Arroyo toad
- [ ] Botanical
- [ ] Burrowing Owl
- [ ] California Red-legged Frog
- [ ] California Spotted Owl
- [ ] Coast Range Newt
- [ ] Coastal California Gnatcatcher
- [ ] Desert Kit Fox
- [ ] Desert Tortoise
- [ ] Garter Snakes
- [x] General Biological
- [ ] Mohave Ground Squirrel
- [ ] Ringtail
- [ ] Riparian Birds
- [ ] San Diego Desert Woodrat
- [ ] Southwestern Pond Turtle
- [ ] Special Status Bats
- [ ] Special Status Fish
- [ ] Special status herpetofauna
- [ ] Special status mammals
- [ ] Stephens' kangaroo rat
- [ ] Swainson's Hawk
- [ ] Wintering Bald/Golden Eagle

Summary:

Species Events
No linked records.

Nest Events
No linked records.

Mortality Events
No linked records.

Tree Events
No linked records.

Habitat Events
No linked records.

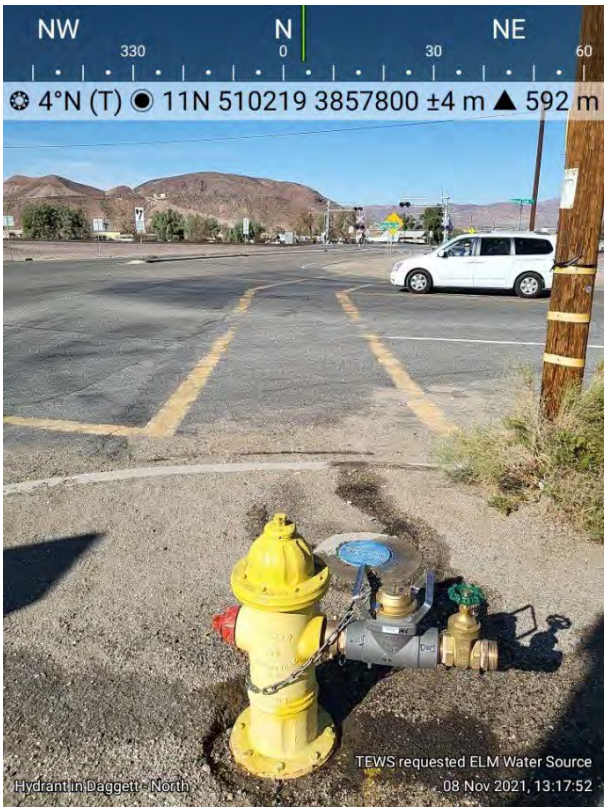
Submitted By: Marisa Musso **Date:** 11/09/2021

Approved By: Sarah Winfrey **Date:** 11/09/2021

Exhibits for TEWS Request for Use of Hydrant

at 35501 National Trails Hwy, Daggett CA 92327

View facing East from the water source.



View facing North from water source.

View facing West from water source.

View facing South from water source.

Parking area while filling.

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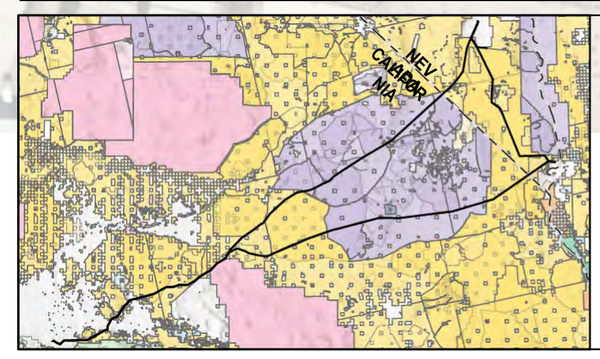
PRECONSTRUCTION SURVEYS FOR ELDORADO-LUGO-MOHAVE SERIES CAPACITOR PROJECT

Temporary Work Area

ñ New Water Source - Daggett, CA

300 foot Buffer



Jurisdiction

- Indian Reservation
- Bureau of Land Management
- Department of Defense
- US Fish and Wildlife
- Other State Lands
- National Park Service
- State Lands
- US Forest Service
- Private
- Inset Project Location

General Reference Features

0 20 40 80 120 160 200 Feet

1:1,200

Eldorado - Lugo - Mohave Transmission Line
November 9, 2021

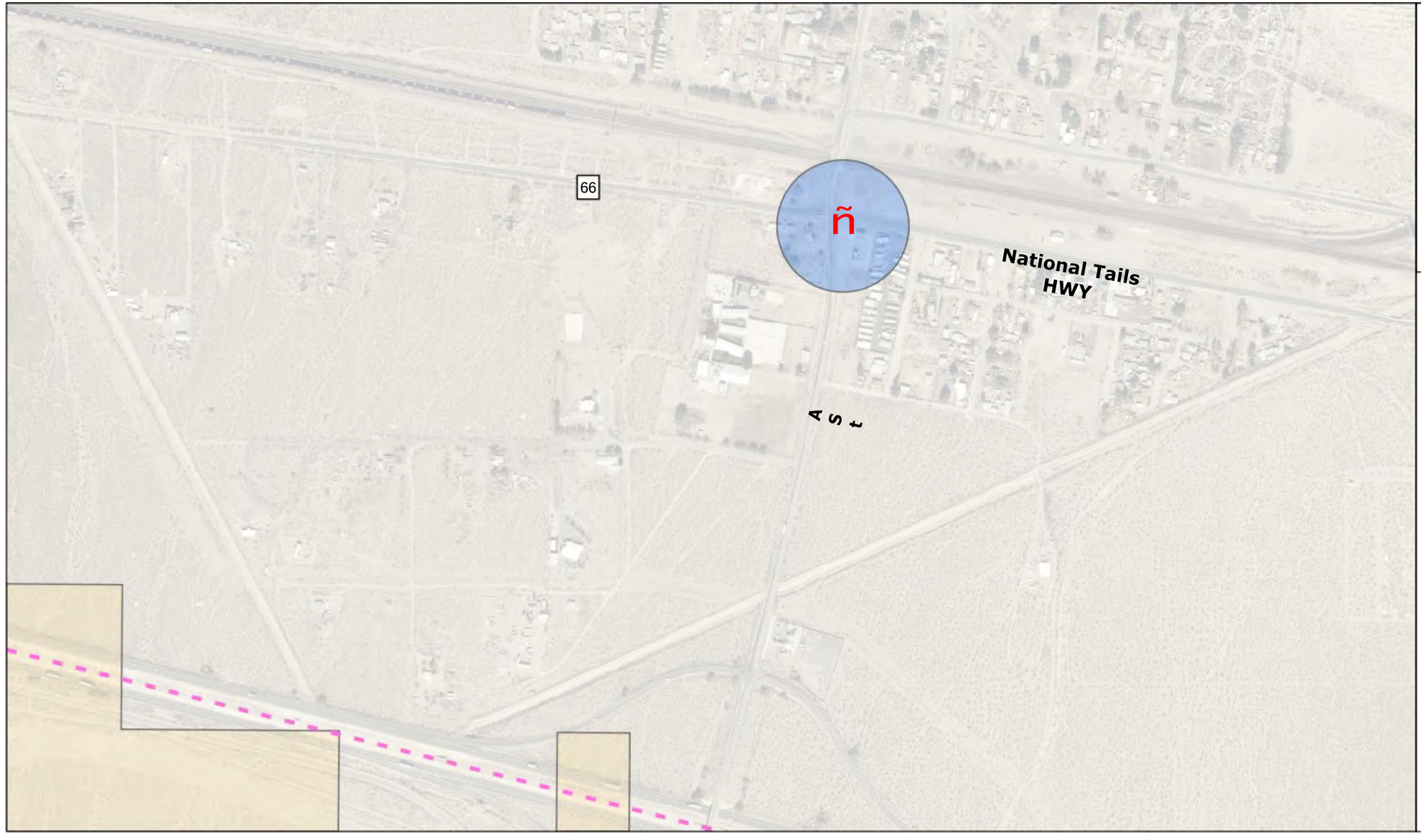
epg

SOUTHERN CALIFORNIA EDISON® An EDISON INTERNATIONAL® Company

Phoenix, AZ

November 2021

Figure 2



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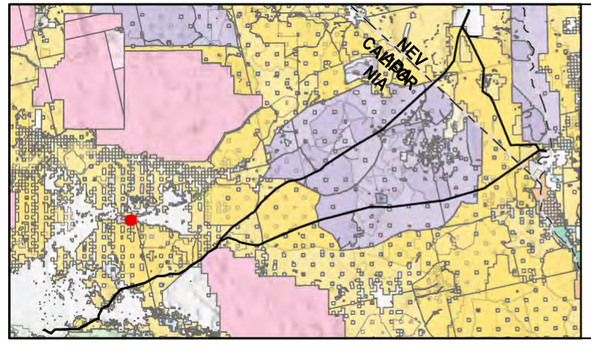
PRECONSTRUCTION SURVEYS FOR ELDORADO-LUGO-MOHAVE SERIES CAPACITOR PROJECT

Temporary Work Area

ñ New Water Source - Daggett, CA

300 foot Buffer



Jurisdiction

- Indian Reservation
- Bureau of Land Management
- Department of Defense
- US Fish and Wildlife
- Other State Lands
- National Park Service
- State Lands
- US Forest Service
- Private
- Inset Project Location

General Reference Features

- Paved Access Roads

0 115 230 460 690 920 1,150 Feet

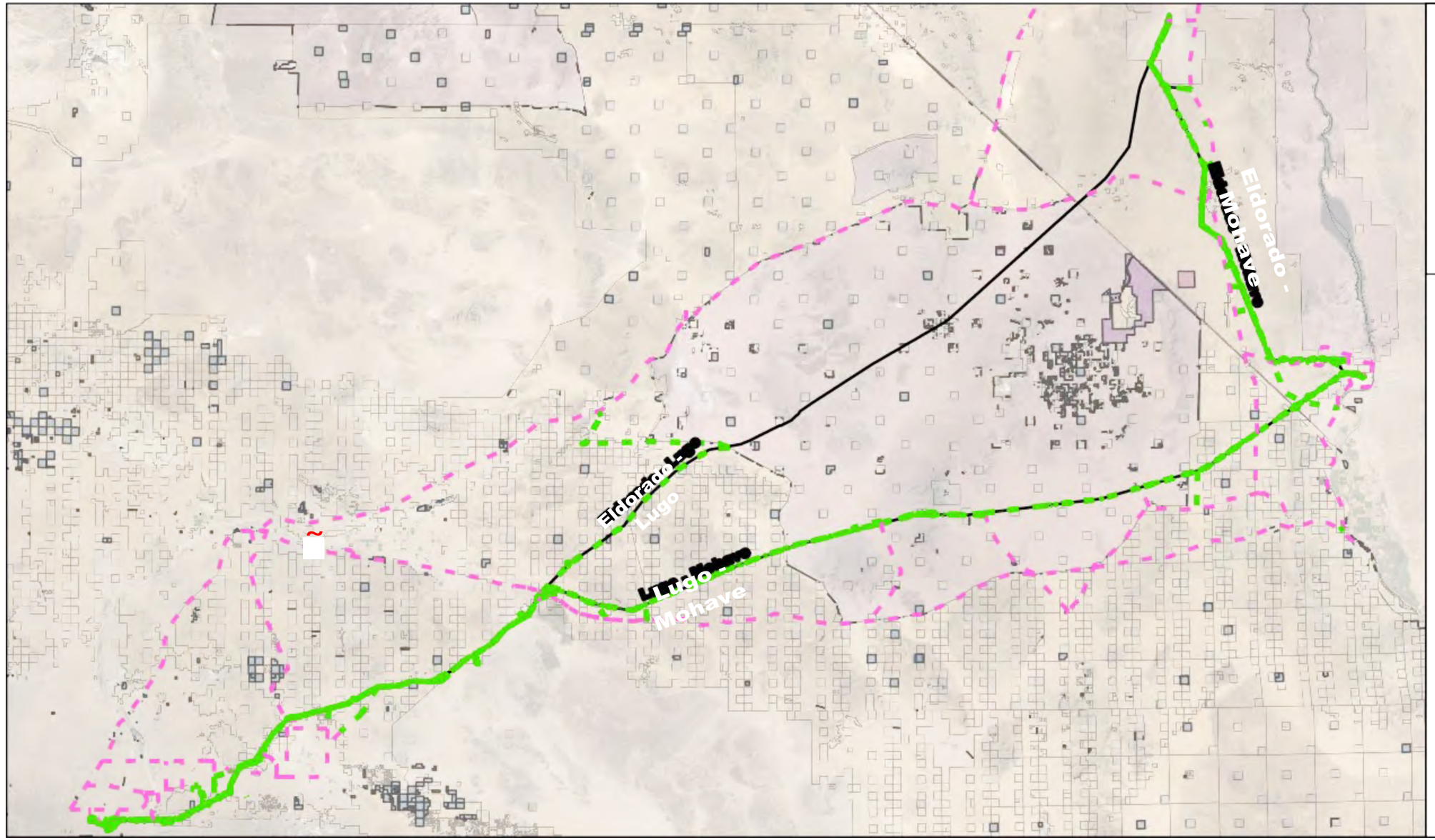
1:5,859

Eldorado - Lugo - Mohave Transmission Line
November 9, 2021

epg — Phoenix, AZ

SOUTHERN CALIFORNIA EDISON® An EDISON INTERNATIONAL® Company — November 2021

Figure 2



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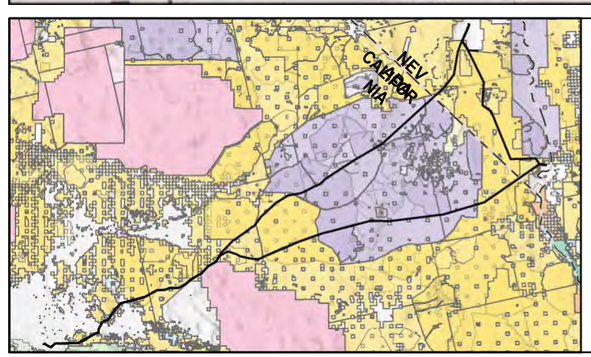
PRECONSTRUCTION SURVEYS FOR ELDORADO-LUGO-MOHAVE SERIES CAPACITOR PROJECT

Temporary Work Area

ñ New Water Source - Daggett, CA



Jurisdiction

- Indian Reservation
- Bureau of Land Management
- Department of Defense
- US Fish and Wildlife
- Other State Lands
- National Park Service
- State Lands
- US Forest Service
- Private
- Inset Project Location

General Reference Features

- Non-Paved Access Roads
- Paved Access Roads
- Existing Trans. Lines

0 3 6 12 18 24 30 Miles

1:850,000

Eldorado - Lugo - Mohave Transmission Line
November 9, 2021

epg — Phoenix, AZ

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Figure 1