

Don Houston Environmental Project Manager San Diego Gas & Electric Company 1010 Tavern Road, SD 1116 Alpine, CA 91901 (T) XXX-XXX-XXXX (F) XXX-XXXX

November 7, 2014

Jensen Uchida Project Manager California Public Utilities Commission (CPUC) 505 Van Ness Avenue, 4th Floor San Francisco, CA 94102

Re: Revised Notice to Proceed (NTP) Request #1 to conduct limited construction activities for the Bay Boulevard Substation component and to conduct potholing activities for the South Bay Substation Relocation Project (Project)

Dear Mr. Uchida:

On October 17, 2013, the CPUC granted San Diego Gas & Electric Company (SDG&E) a Permit to Construct the South Bay Substation Relocation Project (Decision D13-10-025). The decision conditionally authorizes construction of the Project with the implementation of the applicant-proposed measures (APMs) and mitigation measures (MMs) identified in the Mitigation Monitoring, Compliance, and Reporting Plan (MMCRP). A Notice of Determination was submitted to the State Clearinghouse on September 5, 2013, indicating the CPUC's approval of the Project.

Purpose

SDG&E is formally requesting authorization from the CPUC to begin limited activities associated with preliminary site development of the Bay Boulevard Substation and to conduct potholing activities in order to finalize the design for the transmission line components of the Project. The Bay Boulevard Substation, which will contain 69 kilovolt (kV) and 230 kV facilities, will service the surrounding area following its construction and that of the transmission line interconnections. Construction activities and estimated water usage included in this NTP request are as follows:

- minor grading and ground disturbance associated with the installation of Best Management Practices (BMPs) within the Bay Boulevard Substation site (20,000 gallons);
- installation of the construction office trailers and associated temporary distribution tap (no water required);
- installation of temporary construction fencing (no water required);
- mobilization of construction equipment and water tanks (no water required);
- storage of construction material, including import soil (300,000 gallons);
- installation of water lines from adjacent potable water sources (no water required);
- installation of approximately four to 12 ground water monitoring wells throughout the Bay Boulevard Substation site (no water required);
- clearing and grubbing of the vegetation within the Bay Boulevard Substation site (125,000 gallons);
- remedial grading of the substation pad and rough grading of the water quality basin (1,696,900 gallons);

¹ Estimates are based on the cubic yardage of excavation, remediation, and rough grading. The actual water use will fluctuate based on weather and existing moisture content at the time of work; however, total water used will remain at or below the currently approved 2.4 million gallons for construction.

- construction of a main access driveway from Bay Boulevard, including construction of the underlying substructures, such as the box culvert and short segments of vacant conduit (30,000 gallons):
- exploratory excavations (potholing) within SDG&E's easement along approximately one mile of Bay Boulevard and within the parking area adjacent to and across the street from the Bay Boulevard Substation site (100,000 gallons); and
- use of temporary workspace within the SDG&E Transmission Easement limits (no water required).

The components included as part of this NTP request are depicted in Attachment A: Bay Boulevard Substation and Pothole Locations Map. The map shows the permanent footprint as well as the temporary work areas associated with the construction of the Bay Boulevard Substation. The Bay Boulevard Substation site is located approximately 0.5 mile south of the existing South Bay Substation on a 12.42-acre parcel. The fenced portion of the Bay Boulevard Substation will permanently occupy approximately 9.7 acres.

Potholing activities are being requested at approximately 86 locations within and adjacent to the existing SDG&E Transmission Easement and as depicted in Attachment A: Bay Boulevard Substation and Pothole Locations Map. Potholing consists of exploratory excavations performed to determine the precise location and depth of existing underground utilities (i.e., electric, gas, water, sewer, telecommunication, etc.) and other substructures to finalize the design of the new or relocated underground transmission lines associated with the Project. The final design will identify the locations of existing utilities and other substructures and allow for proper and safe construction methods to avoid interference with and/or damage of the existing substructures. A mechanical breaker will be utilized to open the asphalt or concrete surface, and vacuum excavation equipment will be used to excavate the potholes to the depth required for exposure of buried utilities. Each pothole will measure approximately 12 inches in diameter and range from three to 18 feet in depth, or until the underground utilities are reached. Once potholing is complete, the hole will be backfilled with a sand-slurry mix and the road base and surface will be repaired.

Pre-Construction Mitigation Measures

A list of all of the pre-construction measures that are applicable to construction of the Bay Boulevard Substation (as identified in the MMCRP) and their status are summarized in Attachment B: Pre-Construction Status Report of this NTP request. Attachment B: Pre-Construction Status Report provides the full text of the measures, their corresponding status, and an explanation of their status. In order to facilitate tracking and implementation, some of the measures have been organized into tasks so that the pre-construction and construction components of the measures can be tracked separately. These measures may appear on more than one line in Attachment B: Pre-Construction Status Report and are identified by different task numbers. The pre-construction tasks of applicable measures may be identified as "complete," while the tasks not required immediately prior to construction will be marked as "to be implemented during construction." Pre-construction mitigation measures and/or tasks that do not apply have been identified as "not applicable."

The potholing activities will have minimal impacts (approximately 67 square feet in total) and will be conducted over a short period of time; therefore, a number of mitigation measures do not apply. Potholing was not evaluated separately in the EIR or MMCRP; thus, specific language has been added to Attachment B: Pre-Construction Status Report to indicate whether the measure is applicable or not applicable to potholing activities when implementation of the measure differs from the Bay Boulevard Substation. The comments otherwise address both the substation and potholing activities.

Attachment C: Supervisory Training Sign-in Sheets provides the sign-in sheets for the first Supervisory Level Environmental Awareness Training conducted on August 26, 2014, in accordance with MM HAZ-01a and APM-CUL-01. In addition, the revised construction notice to be sent to residents and property owners within 300 feet of the Bay Boulevard Substation after CPUC approval is included as Attachment D: Revised Landowner Notice, as required by MM L-01a. The construction notice will also be published in local newspapers. Approval of the construction landowner notice (L-01a) is the only remaining pre-construction measure that is pending at this time.

All other outstanding pre-construction requirements that are designated as "To be implemented immediately prior to construction" will be completed between the issuance of the Notice to Proceed and the start of construction; no construction will occur until all of the pre-construction tasks have been fulfilled and documentation, where required, has been provided to the CPUC. All other required MM tasks, as stated in the MMCRP, will be implemented during construction.

Activity Summary

Limited construction of the Bay Boulevard Substation as discussed above will occur in accordance with Section B.4.1 of the Final EIR. The information described in the Final EIR includes specific details pertaining to installation of BMPs, minor ground disturbance associated with temporary office trailer mobilization, vegetation clearing and grubbing, minor and remedial grading, installation of the water quality basin, and material staging and storage. SDG&E estimates that the work associated with the Bay Boulevard Substation limited construction activities will require approximately two million gallons of water for soil compaction and dust control. Excavation of the potholes will occur in accordance with the descriptions provided in Section B.6.2 and B.6.4.6 of the Final EIR, which states, "Prior to completing extraction work associated with the foundations, exploratory excavations to verify precise locations of existing underground facilities would be completed." Work associated with potholing activities will require additional water for dust control requirements. All construction water used for activities as described in this NTP request will remain at or below the 2.4 million gallons as currently approved in the Final EIR.

A separate NTP request will be submitted for the final grading and installation of the underground and aboveground equipment for the Bay Boulevard Substation and for the relocation, extension, and loop-in of the transmission lines and demolition of the existing South Bay Substation. Upon completion of the Project, temporary facilities will be removed, and any waste, trash, and debris will be collected and properly disposed of. In addition, all potholes will be backfilled with a sand slurry mixture and repaved or restored to pre-existing conditions. The potholing activities are anticipated to require approximately four to six weeks to complete, beginning in November 2014. The limited construction activities as described above and associated with the Bay Boulevard Substation are anticipated to take approximately three months from initial mobilization, beginning on December 1, 2014.

SDG&E respectfully requests authorization of this NTP request by November 14, 2014. Should you have any questions or need additional information, please do not hesitate to contact me at (XXX) XXX-XXXX.

Sincerely,

Don Houston

Environmental Project Manager San Diego Gas & Electric Company

Don Sauston

Attachment A: Bay Boulevard Substation and Pothole Locations Map

Attachment B: Pre-Construction Status Report

Attachment C: Supervisory Training Sign-in Sheets

Attachment D: Revised Landowner Notice

cc: Kirstie Reynolds, SDG&E

Allison Schaffer, Dudek David Hochart, Dudek

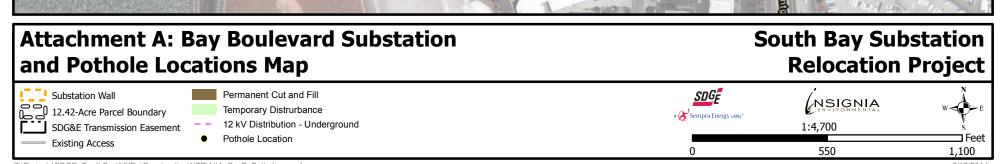
Armen Keochekian, Insignia Environmental (Insignia)

Anne Marie McGraw, Insignia

Jim Gibson, Insignia

ATTACHMENT A: BAY BOULEVARI	SUBSTATION AND MAP	POTHOLE LOCA	TIONS





ATTACHMENT B: PRE-CONSTRUCTION STATUS REPORT



Attachment B: Pre-Construction Status Report

-Complete -To Be Implemented During Construction -Not Applicable -Pending OR To Be Implemented Immediately Prior to Construction -To Be Implemented Following Construction

Report Criteria: AGENCY: CPUC SOURCE: MMCRP

TIMING: Design; Design and During; Design and Post; Pre; Pre and During; Pre and Post; Pre, During, and Post

LOCATION: Bay							
·	MMNo		Mitigation Measure	Task Text	Comments	Timing	Status
Biological Resources	APM-BIO-01	01	Follow NCCP protocols	SDG&E would conduct activities in accordance with NCCP Operational Protocols to avoid, minimize, or mitigate impacts to biological resources.	Implementation of the NCCP Operational Protocols is included in the construction contract for the Bay Boulevard Substation and will be followed during construction. Evidence of incorporation of specifications into construction contracts was submitted via email to the CPUC on June 3, 2014. SDG&E will continue to implement NCCP Operational Protocols prior to and during construction of the Project.		To Be Implemented Immediatel Prior to Const.
Biological Resources	APM- BIO-02	02	Conduct biological monitoring	Within 14 days prior to vegetation removal, the biological monitor would survey the site to ensure that no sensitive species would be impacted.	Surveys of the Bay Boulevard Substation and potholing locations will be conducted no more than 14 days prior to vegetation removal to ensure that no sensitive species will be impacted. Survey documentation regarding avoidance of sensitive species will be submitted to the CPUC.	Pre and During	To Be Implemented During Construction
Biological Resources	APM- BIO-03	01	Protect raptor nests	If a raptor nest is observed during preconstruction surveys, a qualified biologist would determine if it is active. If the nest is deemed inactive, SDG&E, under the supervision of a biological monitor, would remove and dismantle the nest promptly from existing structures that would be affected by Proposed Project construction. Removal of nests would occur outside of the raptor breeding season (January to July).			To Be Implemented Immediatel Prior to Const.
Biological Resources	APM- BIO-03	02	Protect raptor nests	If the nest is determined to be active, it would not be removed and the biological monitor would monitor the nest to ensure nesting activities and/or breeding activities are not disrupted. If the biological monitor determines that Proposed Project activities are disturbing or disrupting nesting activities, the monitor would make recommendations to reduce the noise and/or disturbance in the vicinity of the nest.	This measure will be implemented during construction if a nest is determined to be active.	Pre and During	To Be Implemented During Construction

			be submitted to the CPUC.	
APM- BIO-03	·	If the nest is determined to be active, it would not be removed and the biological monitor would monitor the nest to ensure nesting activities and/or breeding activities are not disrupted. If the biological monitor determines that Proposed Project activities are disturbing or disrupting nesting activities, the monitor would make recommendations to reduce the noise and/or disturbance in the vicinity of the nest.	construction if a nest is determined to be active.	To Be Implemented During Construction

Location:	Bay Bo	ulevard	l Substat	ion				
Measure Cate	egory N	/MNo	TaskNo	Mitigation Measure	Task Text	Comments	Timing	Status
Biological Resources		NPM- BIO-04	01	Minimize impacts to raptors	Structures would be constructed to conform to the Avian Power Line Interaction Committee's Suggested Practices for Avian Protection on Power Lines to help minimize impacts to raptors.	Applicant Proposed Measure BIO-04 as described in Table B-13 of Chapter 7 Description of Proposed Project of the Final Environmental Impact Report is only applicable to the transmission line components. Therefore, this measure is not applicable to the Bay Boulevard Substation or to potholing activities. Evidence of incorporation of specifications into construction contracts was submitted via email to the CPUC on June 3, 2014.	Pre	N/A
Biological Resources		APM- BIO-05	01	Compensation for permanent impacts to jurisdictional resources	Permanent impacts to all jurisdictional resources would be compensated through habitat restoration at a minimum of a one-to-one ratio or as required by the permitting agencies.	APM-BIO-05 is superseded by MM BIO-03.	Pre	N/A
Biological Resources		NPM- 810-06	01	Decumbent goldenbush	Impacts to decumbent goldenbush would be minimized by avoiding impacts to individual plants to the maximum extent practical.	Evidence of incorporation of specifications into construction contracts was submitted via email to the CPUC on June 3, 2014. Any plants identified in areas slated for temporary disturbance will be flagged for avoidance immediately prior to construction and avoided if possible. SDG&E will transplant any decumbent goldenbush located within permanently disturbed areas. Impacts to plants were addressed in the Final EIR and mitigated for with APM-BIO-06. Therefore, SDG&E will comply with the measure and no other permitting or coordination with resource agencies or stand alone authorizations are required. GIS shapefiles of identified decumbent goldenbush locations were submitted to the CPUC with the response to the CPUC's data request regarding the first submittal of NTP request #1.	Pre and During	To Be Implemented During Construction
Biological Resources		APM- BIO-06	02	Decumbent goldenbush	If avoidance is not feasible, individual plants would be transplanted and relocated to an appropriate site (as determined by a qualified biologist) within the Proposed Project area. The plants would be located as close as possible to their original location and in the same orientation (e.g., with the west-facing side of the plant facing west when relocated).	SDG&E will transplant any decumbent goldenbush plants that cannot be avoided. This mitigtion measure task is not applicable to potholing activities as all decumbent goldenbushes will be avoided during potholing activities.	Pre and During	To Be Implemented During Construction

leasure Category tle	MMNo	TaskNo	Mitigation Measure	Task Text	Comments	Timing	Status
iological esources	APM-BIO-06	03	Decumbent goldenbush	If relocation of decumbent goldenbush is not feasible, or if transplanted individuals are unsuccessful, seeds would be collected and used in restoration efforts following construction of the Proposed Project.	SDG&E has identified a location within the Project area for transplants as well as seed acquisition. Methods recommended by the habitat restoration specialist will be used to assure that a population of this species, comparable to what is currently on site, is successfully restored. This measure task is not applicable to potholing activities as all decumbent goldenbushes will be avoided during potholing activities.	Pre, During, and Post	To Be Implemented During Construction
siological	BIO-01	01	Habitat compensation for permanent impacts to native vegetation communities	Provide Habitat Compensation or Restoration for Permanent Impacts to Native Vegetation Communities. Where impacts to disturbed coyote brush scrub and non-native grasslands cannot be avoided, SDG&E shall restore temporarily disturbed areas to pre-construction conditions following construction and deduct credits from the SDG&E Mitigation Credits for permanent impacts to sensitive communities, as stated in the SDG&E NCCP.		Pre, During, and Post	To Be Implemented Immediate Prior to Const.
iological esources	BIO-01	02	Habitat compensation for permanent impacts to native vegetation	Where on-site restoration is planned for mitigation of temporary impacts to sensitive vegetation communities, the applicant shall identify a habitat restoration specialist to be approved by the CPUC or that the resource agencies have indicated is acceptable to determine the most appropriate method of restoration.	Jeffry Coward was approved as the habitat restoration specialist by the CPUC on June 27, 2014.	Pre and During	Complete

communities

Measure Category Title	MMNo	TaskNo	Mitigation Measure	Task Text	Comments	Timing	Status
Biological Resources	BIO-02	01	Topsoil salvaging	Topsoil Salvaging. During construction, the upper 12 inches of topsoil (or less depending on existing depth of topsoil) shall be salvaged and replaced wherever open trenching activities are required through open land with native vegetation (not including graded roads and road shoulders) for the installation of the underground banks.	Evidence of incorporation of specifications into construction contracts was submitted via email to the CPUC on June 3, 2014. MM BIO-02 applies to areas where open trenching activities will occur through open land with native vegetation. Topsoil will be salvaged and replaced in areas of the Bay Boulevard Substation site where trenching activities are required through open land and native vegetation will be temporarily impacted. No trenching is required for the potholing activities.		To Be Implemented During Construction
Biological Resources	BIO-03	02	Habitat compensation for permanent impacts to jurisdictional resources	Appropriate permits from the wetland resource agencies including ACOE, CDFG, RWQCB, and CCC for the impacts to wetlands and jurisdictional waters shall be provided to the CPUC prior to construction. Buffers for wetland areas shall be included as required by the wetland resource agencies.	Evidence of incorporation of specifications into construction contracts was submitted via email to the CPUC on June 3, 2014. Evidence of issuance of the Coastal Development Permit, Section 404 Individual Permit, Section 401 Water Quality Certification, and 1602 Streambed Alteration Agreement by the jurisdictional agencies will be submitted to the CPUC prior to construction in areas of impact to jurisdictional resources. A copy of the final Habitat Restoration Plan and the final Habitat Mitigation and Monitoring Plan for compensation of permanent impacts to jurisdictional resources will also be submitted to the CPUC prior to construction in areas of permanent impact to jurisdictional resources. This mitigation measure is not applicable to potholing activities as they will not affect jurisdictional features.	Pre	To Be Implemented During Construction
Biological Resources	BIO-04	01	Noxious Weeds and Invasive Species Control Plan	Prepare and implement a Noxious Weeds and Invasive Species Control Plan. A Noxious Weeds and Invasive Species Control Plan shall be prepared and reviewed by the California Department of Fish and Game and California Public Utilities Commission. The plan shall be submitted to the CPUC at least 30 days prior to ground-disturbance activities.	The CDFW approved the Noxious Weeds and Invasive Species Control Plan on August 28, 2014. The CPUC approved the plan on September 9, 2014.	Pre	Complete
iological esources	BIO-05	01	Dust Control Plan	Prepare and Implement a Dust Control Plan. A Dust Control Plan shall be prepared and submitted to the California Public Utilities Commission.	Evidence of incorporation of commitments into construction contracts was submitted via email to the CPUC on June 3, 2014. The language included in the construction contracts was approved on September 9, 2014. The Final Dust Control Plan was approved by the CPUC on July 9, 2014.	Pre	Complete

Location: **Bay Boulevard Substation** Measure Category MMNo TaskNo Mitigation Measure Task Text Comments Status Timing Title Biological BIO-06 01 Burrowing owl A survey shall be conducted within 30 days and not less than 14 days prior to initiation of construction by a qualified biologist in A survey will be conducted between 30 and 14 Pre and To Be Implemented During accordance with the Staff Report on Burrowing Owl Mitigation (CDFG 2012) to determine the presence or absence of the Construction Resources survey and days prior to construction and appropriate During monitoring burrowing owl in the project site limits, and the to the extent practicable, suitable habitat located within 250 feet of the project buffers will be established if burrowing owl is boundary. If the burrowing owl is present, no project-related disturbance shall occur within 160 feet of occupied burrows from determined to be present. October 16 through March 31. If burrowing owls are found within the project area or within 250 feet of the project area during the breeding season (February 1 through August 31), a no-construction or project-related disturbance buffer will be established around the active burrow until the young have fledged, as determined by a qualified biologist. A 660-foot (200-meter) nodisturbance buffer of occupied burrows is recommended from April 1 through October 15 (CDFG 2012); however, an appropriately sized buffer will be established in writing with concurrence from the CDFW. If burrowing owls are present within the project site and/or work areas, and those occupied burrows cannot be avoided during the non-breeding season (September 1 to January 31), temporary or permanent burrow exclusion and or burrow closure can be implemented if the following conditions are satisfied: 1) a Burrowing Owl Exclusion Plan is developed and approved by the local CDFW office; 2) permanent or temporary loss of occupied burrows and habitat is mitigated in accordance with the Staff Report on Burrowing Owl Mitigation (CDFG 2012) recommendations; 3) site monitoring is conducted to ensure that take is avoided; and 4) excluded burrowing owls are documented using artificial or natural burrows on an adjacent site, consistent with requirements as established in the Burrowing Owl Exclusion Plan (CDFG 2012). Passive relocation of owls shall be implemented prior to construction only at the direction of CDFW and only if the previously described occupied burrow disturbance absolutely cannot be avoided (e.g., due to physical or safety constraints). If the alternate burrows are not used by the relocated owls, then the applicant shall work with CDFW to provide alternate mitigation for burrowing owls. 2 BIO-06 02 Biological Burrowing owl The survey results shall be provided to the CPUC within 14 days following completion of the surveys. Surveys results will be provided to the CPUC Pre and To Be Implemented During Resources survey and within 14 days following completion of the Construction monitoring surveys. BIO-07 Nesting bird surveys To Be Implemented During **Biological** If construction activities including but not limited to grading or site disturbance are to occur between February 15 and September Nesting bird surveys will be conducted no more Pre and Resources 15, a nesting bird survey shall be conducted by a qualified avian biologist to determine the presence of nests or nesting birds than 72 hours prior to any construction During Construction within 500 feet of the construction activities. The nesting bird surveys shall be completed no more than 72 hours prior to any activities for the Project site between February construction activities. The survey will focus on special-status species such as but not limited to California horned lark, California 15 and September 15. The survey least tern, western snowy plover, Caspian tern, gull-billed tern, and other nesting birds that may be disturbed by human activity. documentation will be provided to the CPUC during construction within the nesting bird season. Evidence of incorporation of specifications into construction contracts was submitted via email to the CPUC on June 3, 2014.

Prior to commencing any construction activity including ground disturbance, SDG&E shall provide a noise report to CPUC from a

certified acoustician to document the noise levels that would result from proposed construction activities at the active nests

BIO-08 01

Noise reporting at

identified under BIO-7.

active nests

Biological

Resources

This measure will be implemented if active nests

are identified during construction. Evidence of

on June 3, 2014.

incorporation of specifications into construction contracts was submitted via email to the CPUC

Pre and

During

To Be Implemented During

Construction

Location: Bay E	Boulevar	d Substat	ion				
Measure Category Title	MMNo	TaskNo	Mitigation Measure	Task Text	Comments	Timing	Status
Biological Resources	BIO-08	02	Noise reporting at active nests	In the event the report prepared by a certified acoustician indicates construction noise levels may exceed 60 dBA Leq(h) at nearby sensitive habitat areas and/or active nests, a temporary noise barrier shall be constructed to reduce noise levels to below 60 dBA Leq(h) where feasible or otherwise approved by the CDFG, to attenuate noise from construction equipment. The height and materials of the noise barrier would depend on several factors, including the construction noise level as well as distance from sensitive habitat areas and active nests. Depending on various geometric and design factors, a temporary noise barrier could attenuate construction noise by approximately 5 to 15 dB. If the installation of a temporary noise barrier is infeasible for specific construction activities, or if noise levels cannot be reduced below 60 dBA Leq(h), mufflers or other noise-suppression devices that exceed the original manufacturer's specifications shall be utilized to help reduce noise levels. Noise-monitoring equipment would be installed near active nests for areas where noise walls are infeasible to monitor noise levels during construction, and equipment would be turned off when not required for active construction activities. If noise levels still exceed 60 dBA Leq(h) at the edge of nesting territories and/or a no-construction buffer cannot be maintained, construction shall be deferred in that area until the nestlings have fledged unless otherwise approved by the CDFG.	This measure will be implemented if active nests are identified during construction and if the noise report indicates that noise levels may exceed 60 dBA Leq(h) at nearby sensitive habitat areas and/or active nests.	Pre and During	To Be Implemented During Construction
Biological Resources	BIO-09	01	Raptor perch deterrent devices	SDG&E shall install sufficient raptor perch deterrent devices (on the top of project components including buildings, structures, steel poles, and the lattice communication tower to discourage raptors from landing on the surface and potentially preying on special-status wildlife species in the area.	Evidence of incorporation of specifications into construction contracts was submitted via email to the CPUC on June 3, 2014. The CPUC approved the Raptor Perch Deterrent Plan on August 26, 2014. The plan will be implemented according to SDG&E's safety protocols and guidelines during construction. This mitigation measure is not applicable to potholing activities as no permanent structures will be installed for the potholing activities.	Pre and During	Complete
Biological Resources	BIO-10	01	Temporary work areas	To the maximum extent feasible, temporary work areas (cable pull sites, jack-and-bore operations, etc.) shall be sited in locations that do not contain any sensitive habitat. A qualified biologist shall review all proposed temporary work areas for presence of sensitive biological resources, and submit a letter signed by the qualified biologist to the CPUC 30 days prior to construction that identifies whether any sensitive resources are present.	Evidence of incorporation of specifications into construction contracts was submitted via email to the CPUC on June 3, 2014. Mitigation Measure BIO-10 is located under Section D.5.3.5 – Transmission Interconnection within the Final Environmental Impact Report. This measure was developed in response to temporary and permanent loss to native habitats, as described and analyzed for impacts associated with the transmission line component, and is therefore not applicable to the Bay Boulevard Substation. Pothole locations will be reviewed by a qualified biologist prior to commencement of potholing activities. A map and a letter signed by the qualified biologist identifying sensitive biological resources will be submitted to the CPUC 30 days prior to potholing activities.	Pre	To Be Implemented Immediately Prior to Const.
Biological Resources	BIO-11	01	Helicopter activity during avian breeding season	Helicopter activity during construction shall be restricted to the avian non-breeding season defined as between September 15 and February 15. Should helicopter activity be deemed necessary during the breeding season, a nesting bird survey shall be conducted by a qualified avian biologist to determine whether any nesting birds and/or active nests are present within the boundaries of the project. If nesting birds are present and/or an active nest is discovered, helicopter activity shall be postponed until a qualified avian biologist confirms that nesting is complete and the young have fledged. Additionally, SDG&E shall coordinate with USFWS representative of the Sweetwater Marsh NWR and South San Diego Bay NWR (collectively, the San Diego Bay NWR), as well as the CDFG, to determine whether helicopter activities may potentially impact nesting birds within the reserves.	Helicopters will not be used for construction of the Bay Boulevard Substation or for potholing activities. Therefore, this measure does not apply.	Pre	N/A

Measure Category	MMNo MMNo		Mitigation Measure	Task Text	Comments	Timing	Status
Title Biological Resources	BIO-11	02	Helicopter activity during avian breeding season	Should helicopter activity be deemed necessary in the presence of known or potentially nesting birds following surveys, the applicant shall coordinate with USFWS to determine whether the occurrence of helicopter activity is acceptable during the breeding season at the proposed locations.	Helicopters will not be used for construction of the Bay Boulevard Substation or for potholing activities. Therefore, this measure does not apply.	Pre	N/A
Biological Resources	BIO-11	03	Helicopter activity during avian breeding season	Documentation of USFWS-approved helicopter use shall be provided to CPUC prior to helicopter activities occurring in the event that USFWS determines helicopter activities are permitted between February 15 and September 15.	Helicopters will not be used for construction of the Bay Boulevard Substation or for potholing activities. Therefore, this measure does not apply.	Pre	N/A
Cultural and Paleontological Resources	APM-CUL-01	01	Cultural and paleontological training	Prior to construction, all SDG&E, contractor, and subcontractor project personnel would receive training regarding the appropriate work practices necessary to effectively implement the APMs and to comply with the applicable environmental laws and regulations, including the potential for exposing subsurface cultural resources and paleontological resources and to recognize possible buried resources. This training would include presentation of the procedures to be followed upon discovery or suspected discovery of archaeological materials, including Native American remains, and their treatment, as well as of paleontological resources.	Cultural and paleontological resources were discussed at the Supervisory Level Environmental Awareness Training conducted on August 26, 2014 and will be discussed at subsequent crew trainings. The sign-in sheets for the supervisory training are included with this NTP request as Attachment C: Supervisor Training Sign-in Sheets. SDG&E will continue to administer the environmental awareness education program to all construction personnel immediately prior to them commencing work on the Project. All subsequent crew training sign-in sheets will be submitted as attachments to the Weekly Environmental Compliance Status Report during construction.	Pre	To Be Implemented Immediately Prior to Const.
Cultural and Paleontological Resources	APM- CUL-04		Paleontological monitoring	A qualified paleontologist would attend preconstruction meetings, as needed, to consult with the excavation contractor concerning excavation schedules, paleontological field techniques, and safety issues. A qualified paleontologist is defined as an individual with an MS or PhD in paleontology or geology who is experienced with paleontological procedures and techniques, who is knowledgeable in the geology and paleontology of San Diego County, and who has worked as a paleontological mitigation project supervisor in the region for at least 1 year. The requirements for paleontological monitoring would be noted on the construction plans.	The qualified paleontologist's resumes were submitted to the CPUC and approved on July 2, 2014. A qualified paleontologist will attend preconstruction meetings, as needed, to consult with the excavation contractor. A note has been included on the construction plans indicating the requirements for paleontological monitoring and this page of the plans was submitted to the CPUC on July 2, 2014.	During	To Be Implemented Immediate Prior to Const.
Geology and Soils	APM- GEO-01	01	Follow seismic design standards	SDG&E would consider the recommendations and findings of the geotechnical investigation prepared by GEOCON Inc. and the contractor's geotechnical engineer in the final design of all Proposed Project components to ensure that the potential for expansive soils and differential settling is compensated for in the final design and construction techniques. SDG&E would comply with all applicable codes and seismic standards. In addition, the Proposed Project would be configured according to the Institute of Electrical and Electronics Engineers 693 "Recommended Practices for Seismic Design of Substations" in order to withstand anticipated ground motion. The final design would be reviewed and approved by a professional engineer registered in the State of California prior to construction.	SDG&E's engineering contractor, Black & Veatch, has reviewed and considered the recommendations from the geotechnical investigations in the final Project design. A letter prepared by Black & Veatch and stamped by a Professional Engineer was provided to the CPUC on June 6, 2014 and resubmitted on June 26, 2014 to include additional measure specifications. The CPUC approved the letter on		Complete

leasure Category tle	MMNo	TaskNo	Mitigation Measure	Task Text	Comments	Timing	Status
eology and Soils	G-01	01	Design-level geotechnical investigation	Geotechnical Investigations for Liquefaction and Slope Instability. SDG&E shall perform design-level geotechnical investigations to evaluate the potential for liquefaction, lateral spreading, seismic slope instability, and ground-cracking hazards to affect the approved project and all associated facilities. Where these hazards are found to exist, appropriate engineering design and construction measures shall be incorporated into the project designs. Appropriate measures could include construction of pile foundations, ground improvement of liquefiable zones, installation of flexible bus connections, and incorporation of slack in underground cables to allow ground deformations without damage to structures. The geotechnical investigations prepared by a certified geologist shall be submitted to the CPUC 60 days prior to construction of proposed structures.	SDG&E's engineering contractor, Black & Veatch, has reviewed and considered the recommendations from the geotechnical investigations in the final Project design. A letter prepared by Black & Veatch and stamped by a Professional Engineer was provided to the CPUC on June 6, 2014 and resubmitted on June 26, 2014 to include additional measure specifications. The CPUC approved the letter on August 8, 2014. This mitigation measure is not applicable to potholing activities.	Pre	Complete
ydrology and /ater Quality	HYDRO -01	01	SWPPP	In accordance with the stormwater pollution prevention plan (SWPPP) to be prepared under the State General Construction Permit, work crews shall use erosion control measures during grading activities. Implementation of the SWPPP shall help stabilize soil in graded areas and waterways and reduce erosion and sedimentation. Mulching, seeding, or other suitable stabilization measures shall be used to protect exposed areas during construction activities. The SWPPP shall be submitted to the California Public Utilities Commission prior to construction activities.	Evidence of incorporation of commitments into construction contracts was submitted via email to the CPUC on June 3, 2014. The language included in the construction contracts was approved on September 9, 2014. The SWPPP was uploaded to SMARTS and a Notice of Intent was received on July 25, 2014. The CPUC was notified of the SWPPP being uploaded to SMARTS on July 31, 2014. A copy of the SWPPP will be produced and kept on site during construction.	Pre and During	To Be Implemented During Construction
vdrology and ater Quality	HYDRO -02a	01	Dewatering discharge permit	Prior to construction, SDG&E shall consult with the San Diego Regional Water Quality Control Board (RWQCB) to determine whether an individual discharge permit is required for dewatering at any of the project areas anticipated to encounter groundwater. A copy of the permit or a waiver from the RWQCB, if required, shall be provided to the California Public Utilities Commission prior to dewatering activities.	SDG&E spoke with Roger Mitchell at the San Diego Regional Water Quality Control Board (RWQCB) on June 10. Roger indicated that a construction project with groundwater dewatering discharge to land would need to comply with Waiver No. 3 – Miscellaneous "Low Threat" Discharges to Land and file a Notice of Intent (NOI) form to enroll in the waiver. San Diego RWQCB staff will review the NOI and determine eligibility within 2 weeks. If the discharge is not eligible for a waiver, then a Waste Discharge Requirement would be required. The new waivers were adopted on June 26. The waiver for discharge to land will be submitted to the CPUC prior to conducting dewatering activities.	Pre	To Be Implemented During Construction
drology and ater Quality	HYDRO -02b	01	Typical dewatering drawing	SDG&E shall submit to California Public Utilities Commission prior to construction a typical dewatering drawing that shall be implemented during dewatering activities. The drawing shall include the location of pumps within secondary containment, fuel storage areas, anticipated discharge point, scour protection measures, intake hose screening, and monitoring procedures to ensure that hazardous materials spills are addressed in a timely manner and discharge hoses are frequently inspected for leaks.	Evidence of incorporation of specifications into construction contracts was submitted via email to the CPUC on June 3, 2014. The CPUC approved the Dewatering Plan on September 3, 2014.	Pre	Complete

leasure Category tle	MMNo	TaskNo	Mitigation Measure	Task Text	Comments	Timing	Status
nd Use and anning	L-01a	01	Public notice	SDG&E or its construction contractor shall provide advance notice, between 2 and 4 weeks prior to construction, by mail to all residents or property owners within 300 feet of the project. The announcement shall state specifically where and when construction will occur in the area.	A construction notice for residents and property owners located within 300 feet of the Bay Boulevard Substation will be sent to residents and property owners 2 to 4 weeks prior to construction. A copy of the public notice is included with this NTP request as Attachment D: Revised Landowner Notice.	Pre and During	Pending
and Use and Planning	L-01a	02	Public notice	SDG&E shall also publish a notice of impending construction in local newspapers, stating when and where construction will occur. Prior to construction, copies of all notices shall be submitted to the CPUC.	A notice of construction will be published in local newspapers. A copy of the public notice is included with this NTP request as Attachment D: Revised Landowner Notice.	Pre and During	Pending
and Use and Planning	L-01b	01	Public liaison	SDG&E shall identify and provide a public liaison officer before and during construction to respond to concerns of neighboring residents about noise, dust, and other construction disturbance. Procedures for reaching the public liaison officer via telephone or in person shall be included in notices distributed to the public in accordance with Mitigation Measure L-1a.	Procedures for reaching the public liaison officer have been included in the construction notice required by MM L-1a. A copy of the construction notice is included with this NTP request as Attachment D: Revised Landowner Notice.	Pre and During	Pending
and Use and lanning	L-03	01	Port Master Plan Amendment	SDG&E shall submit a request to the Unified Port of San Diego to process a Port Master Plan amendment that would modify the land uses prescribed in the PMP to accommodate a land use plan for the alternative project site located within the Port Master Plan planning boundary.	Per the MMCRP, which was included as an attachment to the CPUC Decision Granting SDG&E a Permit to Construct the Project, this measure does not apply to the approved Project.	Pre	N/A
Noise	NOI-01	01	Noise ordinance	SDG&E shall conduct all construction activities in accordance with the City of Chula Vista Municipal Code allowable hours for construction unless otherwise approved by the City. For any evening and nighttime construction activities that are required outside of the permitted hours, SDG&E shall notice all property owners within 300 feet of the proposed work at least 1 week in advance of the construction activities. SDG&E shall notify the local jurisdiction and the California Public Utilities Commission prior to conducting any work that may deviate from the City noise ordinance. Nighttime work and the use of heavy construction equipment shall be limited to the extent practicable.	Evidence of incorporation of commitments into construction contracts was submitted via email to the CPUC on June 3, 2014. The language included in the construction contracts was approved on September 9, 2014. This measure will be implemented during construction if evening or night time work is required.		To Be Implemented During Construction
Public Health and Safety	APM- HAZ-01	01	Hazardous Substance Management and Emergency Response Plan	SDG&E would prepare and implement a project-specific Hazardous Substance Management and Emergency Response Plan during the construction period to reduce or avoid potentially hazardous materials for the purposes of worker safety, protection from groundwater contamination, and proper disposal of hazardous materials.	The Hazardous Substance Management and Emergency Response Plan/Hazardous Site Assessment was approved by the CPUC on August 26, 2014. SDG&E confirmed with the Department of Toxic	Pre and During	Complete

Substances Control and Department of

Environmental Health, that submittal of the Plan is not required on June 25, 2014.

Fires shall be prevented or minimized by exercising care when operating utility vehicles within the right-of-way and access roads

and by parking vehicles away from dry vegetation where hot catalytic converters can ignite a fire.

Public Health and

Safety

HAZ-04 01

Fire prevention

To Be Implemented During

Construction

Evidence of incorporation of specifications into

construction contracts was submitted via email

Fire prevention measures as outlined in this measure will be implemented during

to the CPUC on June 3, 2014.

construction.

Pre and

Location: Ba	y Bouleva	rd Substa	tion				
Measure Categor Title	ry MMNo	TaskNo	Mitigation Measure	Task Text	Comments	Timing	Status
Public Health and Safety	d HAZ-04	1 02	Fire prevention	In times of high fire hazard, it may be necessary for construction vehicles to carry water and shovels or fire extinguishers. Fire protective mats or shields would be used during grinding or welding to prevent or minimize the potential for fire.	Evidence of incorporation of specifications into construction contracts was submitted via email to the CPUC on June 3, 2014. Fire prevention measures as outlined in this measure will be implemented during construction.	Pre and During	To Be Implemented During Construction
Public Services	PSU-01	01	Litility consists	Drier to construction in which a utility consist interruption is known to be unavoidable CDC0. I shall notify more have of the more	This measure was included in the Final EIR, but	Dro and	To Do Implemented During
and Utilities	PSU-01	01	Utility service interruption noticing	Prior to construction in which a utility service interruption is known to be unavoidable, SDG&E shall notify members of the public affected by the planned outage of the impending interruption. Copies of the notices and dates shall be provided to the CPUC at the time the notices are distributed to the public.	is not included in the MMCRP. The CPUC will be provided a copy of the notice required for any planned service interruption, if required. This mitigation measure is not applicable to	Pre and During	To Be Implemented During Construction
					potholing activities as they are not anticipated to result in utility service interruption.		
						1	
Transportation and Traffic	APM- TRA-01	01	Avoid heavy-duty vehicle use on L Street during p.m. peak hours	Heavy-duty construction vehicles and equipment would not utilize L Street during the p.m. peak hours (between 4:00 p.m. and 6:00 p.m. on weekdays). Alternate travel routes, such as J Street and Palomar Avenue, would instead be used during this time.	Evidence of incorporation of commitments into construction contracts was submitted via email to the CPUC on June 3, 2014. This measure will be implemented during construction.	Pre and During	To Be Implemented During Construction
Transportation and Traffic	TRA-01	01	Traffic management/control plans	Prior to the start of construction, SDG&E shall submit traffic management plans (TMPs) to the City as part of the required traffic encroachment permits. Traffic control plans (TCPs) shall define the locations of all roads that would need to be temporarily closed due to construction activities, including hauling of oversized loads by truck, conductor stringing activities, and trenching activities. The TCPs shall define the use of flag persons, warning signs, lights, barricades, cones, etc., according to standard guidelines outlined in the California Department of Transportation (Caltrans) Traffic Manual for Construction and Maintenance Work Zones (Caltrans 1996), the Standard Specifications for Public Works Construction (Caltrans 2009a), and the Work Area Traffic Control Handbook (WATCH) (Caltrans 2009b).	SDG&E has coordinated with the City of Chula Vista regarding the Traffic Control Plan. The Traffic Management Plan, which contains the Traffic Control Plan, was approved by the CPUC on September 26, 2014.	Pre	Complete
			1				
Transportation and Traffic	TRA-01	02	Traffic management/control plans	Input and approval from the City shall be obtained, and copies of an approval letter from the City must be provided to the CPUC prior to the start of construction. Documentation of the approval of these plans, consistency with SDG&E's utility franchise agreements, and issuance of encroachment permits (if applicable) shall be provided to CPUC prior to the start of construction activities that require temporary closure of a public roadway.	Documentation demonstrating coordination with the City of Chula Vista was included as Attachment A: City of Chula Vista Letter of Coordination to the Traffic Management Plan. Documentation of all encroachment permits or additional TCPs approved by the City will be submitted to the CPUC as applicable.	Pre	To Be Implemented During Construction
Transportation and Traffic	TRA-02	2 01	Stagger work shifts	SDG&E shall stagger work shifts during the peak period of construction activity, which shall occur during the approximately 6-month grading and site development phase, and construction shifts shall be staggered to the degree possible, such that employee arrivals and departures from the site will avoid the project area peak traffic hours (7:30–8:30 a.m. and 4:30–5:30 p.m.) or as otherwise approved by the City of Chula Vista. Construction-related truck traffic shall also be scheduled to avoid travel during peak periods of traffic on the surrounding roadways.	Evidence of incorporation of commitments into construction contracts was submitted via email to the CPUC on June 3, 2014. The language included in the construction contracts was approved on September 9, 2014. Construction work shifts will occur in accordance with the approved Traffic Management Plans.	Pre and During	To Be Implemented During Construction

easure Category :le	MMNo	TaskNo	Mitigation Measure	Task Text	Comments	Timing	Status
ansportation nd Traffic	TRA-04	01	Emergency services coordination	SDG&E shall coordinate in advance with the City to avoid restricting movements of emergency vehicles. SDG&E shall request that police departments, fire departments, ambulance services, and paramedic services be notified by the City of the proposed locations, nature, timing, and duration of any construction activities and advised of any access restrictions that could impact their effectiveness. At locations where access to nearby property is blocked, provision shall be ready at all times to accommodate emergency vehicles, such as plating over excavations, short detours, and alternate routes in conjunction with local agencies. Traffic control plans (Mitigation Measure TRA-1) shall include details regarding emergency services coordination and procedures. Documentation of coordination with the City shall be provided to CPUC prior to the start of construction.	Evidence of incorporation of specifications into construction contracts was submitted via email to the CPUC on June 3, 2014. Documentation demonstrating coordination with the City of Chula Vista was included as Attachment A: City of Chula Vista Letter of Coordination to the Traffic Management Plan.	Pre and During	Complete
ransportation nd Traffic	TRA-05	01	Pedestrian access/bike routes	Where construction will result in temporary closures of sidewalks and other pedestrian facilities, SDG&E shall provide temporary pedestrian access through detours or safe areas along the construction zone. Any affected pedestrian facilities and the alternative facilities or detours that shall be provided will be identified in the traffic management plan. Where construction activity will result in bike route or bike path closures, appropriate detours and signs shall be provided.	Evidence of incorporation of specifications into construction contracts was submitted via email to the CPUC on June 3, 2014. Temporary pedestrian access through detours or safe areas along the construction zone will be provided during temporary closures of sidewalks and other pedestrian facilities necessary during construction of the Bay Boulevard Substation. Documentation of coordination with affected public jurisdictions will be provided to the CPUC prior to implementation of the temporary closures.	Pre and During	To Be Implemented During Construction
ransportation nd Traffic	TRA-06	01	Helicopter Lift Plan	Should helicopters be required to lift any structures during construction, SDG&E shall prepare a lift plan to be approved by both the Federal Aviation Administration (FAA) and CPUC that identifies procedures that will need to be implemented to ensure public safety.	Helicopters are not anticipated to be required to lift any structures during construction of the Bay Boulevard Substation or during potholing activities. Therefore, this measure is not applicable.	Pre	N/A
ansportation d Traffic	TRA-06	02	Helicopter Lift Plan	Documentation of FAA approval of the lift plan shall be provided to the CPUC prior to the start of construction activities that require the use of a helicopter.	Helicopters are not anticipated to be required to lift any structures during construction of the Bay Boulevard Substation or during potholing activities. Therefore, this measure is not applicable.	Pre	N/A
ansportation d Traffic	TRA- 07a	01	Coordinate with parking lots	SDG&E shall coordinate with the lessee and/or owner of affected parking lots to minimize parking loss through timing restrictions that minimize potential conflicts with peak parking needs.	No parking lots are anticipated to be affected during construction of the Bay Boulevard Substation or during potholing activities. An explanation regarding pothole activities with regards to parking lots was included in the response to the CPUC's data request for the first submittal of NTP request #1. Therefore, this measure is not applicable.	Pre and During	N/A
ansportation	TRA-	01	Trenching	SDG&E shall post signage 24 hours in advance of trenching activities along affected streets to notify businesses that might be inconvenienced.	This measure applies only to the transmission	Pre and	N/A

07b

notifications

inconvenienced.

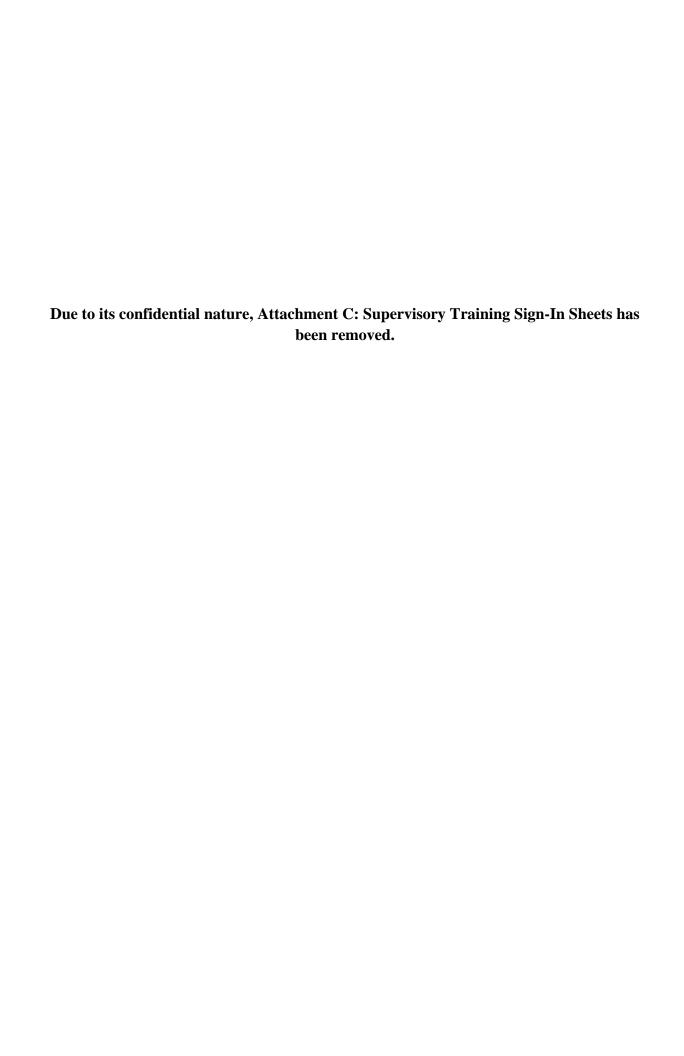
and Traffic

line; therefore, it is not applicable to the Bay

Boulevard Substation or potholing activites.

During

ATTACHMENT C: SUPERVISORY TRAINING SIGN-IN SHEETS



ATTACHMENT D: REVISED LANDOWNER NOTICE

