



CALIFORNIA PUBLIC UTILITIES COMMISSION

SAN DIEGO GAS & ELECTRIC SAN MARCOS TO ESCONDIDO TIE LINE (TL) 6975 69KV PROJECT

January 2022 Quarterly Report

February 8, 2022



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California Public Utilities Commission

Prepared by:
Environmental Science Associates





CALIFORNIA PUBLIC UTILITIES COMMISSION

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SDG&E SAN MARCOS TO ESCONDIDO TL6975 69KV PROJECT

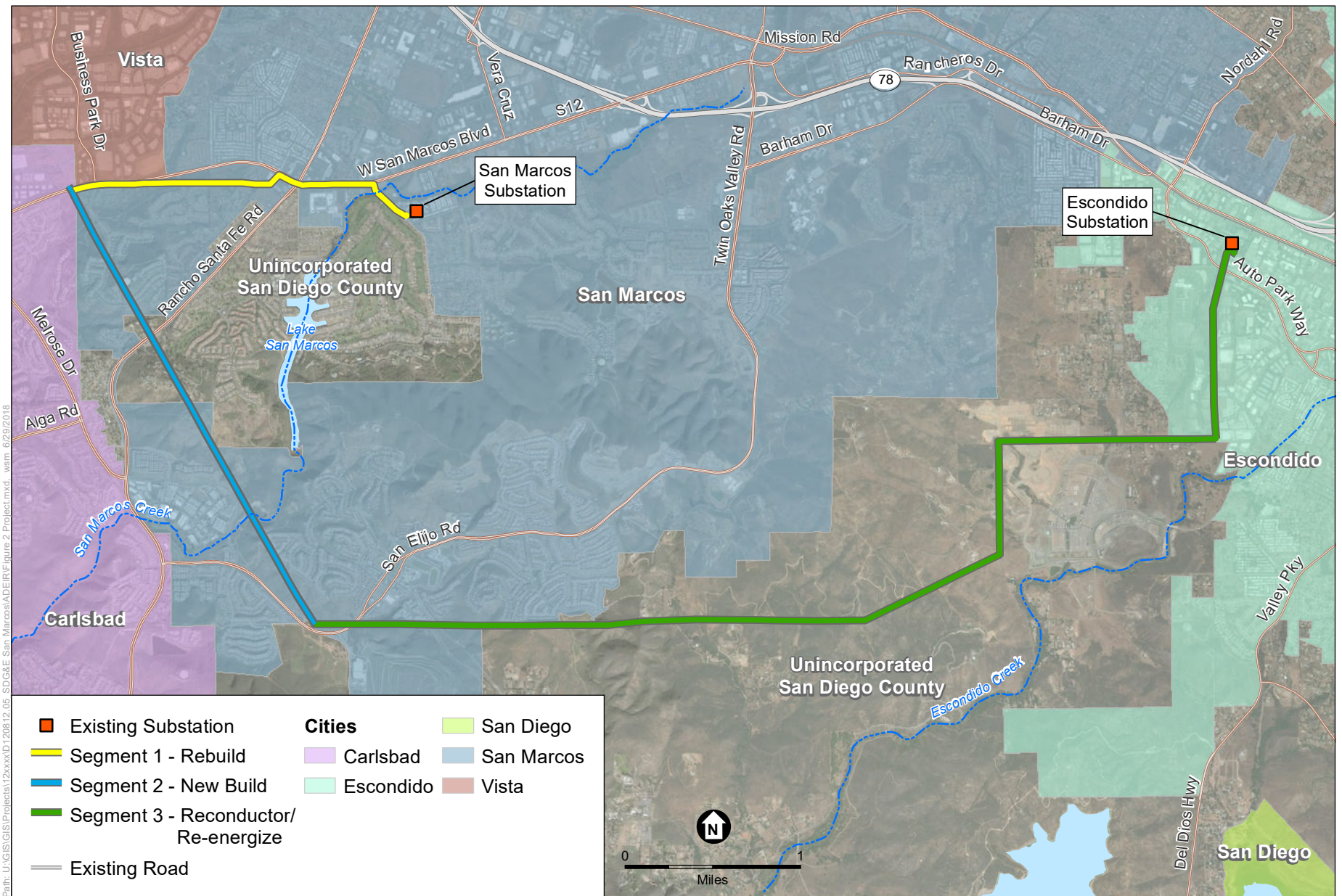
January Quarterly Report (2022)

1. Introduction

On March 3, 2021, SDG&E submitted Notice to Proceed Request No. 1 (NTP-1) for construction of the Project and was approved by CPUC on September 9, 2021 (see below). Approval of NTP-1 included all project components (with the exception of the alternating current [AC] interference mitigation system and construction work proximate to known tribal cultural resource sites), proof of compliance with mitigation measures, and development of mitigation plans required by the Mitigation Monitoring, Reporting, and Compliance Program provided below. SDG&E commenced construction the week of September 13, 2021. An overview of the project area is provided in **Figure 1-1**. The project is located in the cities of Carlsbad, Escondido, Vista, San Marcos, and in unincorporated San Diego County, California. The proposed project would include a combination of new overhead single-circuit electric power line structures, rebuild of existing structures from single circuit to double circuit, and the reconductoring and re-energizing of existing conductors. The majority of the new build and reconducted portions of the power line would occur within existing rights-of-ways (ROWs). A portion along Segment 1 of the rebuild would require widening of an existing ROW.

As the CEQA lead agency for the project, the California Public Utilities Commission (CPUC) and its consultant, Environmental Science Associates (ESA), provided regulatory oversight of construction throughout. In accordance with the Final Initial Study/Mitigated Negative Declaration (IS/MND)¹ for the project, ESA provided third-party oversight of SDG&E's compliance implementation and coordinated with SDG&E's environmental consultants. As third-party representatives, ESA's primary responsibility has been to ensure adherence to the project's environmental requirements and mitigation measures. This 2022 January Quarterly Mitigation Monitoring Report provides the CPUC with an administrative record of environmental compliance to applicable measures and conditions as identified in the IS/MND for project activities that occurred between September 13, 2021 to December 31, 2021. A subsequent report will be prepared following the close of each calendar quarter (i.e., January, April, July, and October).

¹ Environmental Science Associates, 2015. Pacific Gas and Electric's Missouri Flat-Gold Hill 115 kV Power Line Reconductoring Project CPUC A.13-08-014 Final Initial Study/Mitigated Negative Declaration. Environmental Science Associates, 2015.



SOURCE: SDGE, 2018

TL 6975 San Marcos to Escondido Project

Figure 1-1
Project Location

2. Third Party Monitoring and Level of Effort

As the CPUC's designated consultant, ESA staff performed environmental review, third-party compliance monitoring, and reporting on behalf of the CPUC during the project's 2021 construction activities. ESA's Compliance Monitor (CM) acted as the primary representative in the field for ESA and the CPUC. The CM assisted with review of SDG&E Notice to Proceed (NTP) request and other pre-construction documentation, performed onsite compliance monitoring, and inspected the site in conjunction with SDG&E's designated environmental team. The ESA CM monitored compliance with all applicable project plans, agency permits, and CPUC mitigation measures. The CM interacted with SDG&E's Environmental Inspectors in the field to resolve compliance situations.

ESA's Deputy Monitoring Managers oversaw the monitoring tasks as performed by ESA's CM. The Deputy Monitoring Managers provided guidance and recommendations to the EM on specific compliance issues in regard to the project's environmental regulations and implementation of the mitigation measures described in the Mitigation Monitoring, Reporting and Compliance Program (MMRCP). In conjunction with the CM, the Deputy Monitoring Managers participated in the review of SDG&E NTP requests and other pre-construction documentation. ESA's Deputy Monitoring Managers also oversaw the resolution of field issues, and responded to requests for minor project refinements in coordination with the CPUC and SDG&E's construction management and environmental team.

The ESA CM conducted site visits six times during construction in 2021, due to limited construction activities onsite. ESA CMs are expected to increase the occurrence of site visits to once or twice a week for the remainder of the project's construction once crews begin actively working onsite.

3. Construction Activities and Schedule

During 2021 construction, SDG&E organized project activities into components, all of which are covered under either the Notice to Proceed (NTP) and/or Minor Project Refinements (MPR).

On March 3, 2021, NTP-1 request was submitted by SDG&E and approved by the CPUC on September 9, 2021. On August 4, 2021, NTP-2 was submitted by SDG&E and approved by the CPUC on November 29, 2021. CPUC approval letters for each of the NTPs is included online at the following CPUC website: <https://ia.cpuc.ca.gov/environment/info/esa/TL6975/index.html>.

3.1 Construction Activities Summary

The following activities were performed during the period of September 13, 2021 – December 31, 2021:

NTP-1 (Rock Springs Staging Yard)

- Mobilized equipment and materials for staging yard setup
- Vegetation mowing & trimming in approved areas

- Clearing northern portion of the staging yard
- Poured class II base in lower portion of the staging yard
- Installation of SWPPP BMPs around staging yard
- Delivery of supplies and rumble plates to the staging yard

NTP-1 (Segment 2)

- Access road review and staking work limits

NTP-1 (Segment 3)

- Survey work areas with construction contractor

3.2 Construction Status

Table 1, Construction Status, contains an overview of the current construction schedule and percent complete for each activity.

**TABLE 1
CONSTRUCTION STATUS**

Project Activity	Approximate Duration (months)¹	Anticipated Start Date	Approximate Percent Complete
Survey & Stake Work Limits (Segment 2)	.5	Started September 27, 2021	80
Survey & Stake Work Limits (Segment 3)	.5	Started October, 06, 2021	85
Overhead Work (Segment 3)	.5	Started January 04, 2022	1
Grading and Work Area Preparation (Segment 2)	.5	<i>Anticipated January 10, 2022</i>	0
San Marcos Substation Work	1.5	<i>Anticipated January 24, 2022</i>	0

NOTE:

¹ Duration is not necessarily continuous

4. Worker Environmental Awareness Program

Prior to construction, SDG&E prepared a Worker Environmental Awareness Program (WEAP) to communicate environmental information, mitigation requirements, and appropriate work practices to all construction and supervisory personnel involved with project construction. The training program focused on site – specific conditions and included a review of the applicable mitigation plans and requirements specific to each portion of the project. Environmental training materials included a project-specific hardhat decal indicating each worker has received the training and a training presentation describing the sensitive biological, cultural, and paleontological resources on the project and the associated avoidance and minimization measures implemented by the project. A copy of the presentation is included in **Appendix A**.

All project personnel are required to receive the environmental training prior to beginning work on site. SDG&E conducted an online worker environmental awareness training for the project's

NTP-1 on September 13, 2021 and again on, November 3, 2021 in the field with ESA compliance monitors prior to beginning work. As work proceeded through the two approved NTPs, SDG&E's Environmental Inspectors routinely conducted onsite environmental training as new construction phases began and project personnel arrived at the project site. Throughout construction, ESA's CM conducted visual inspections of hardhats to verify that construction personnel working on the job had been environmentally trained prior to beginning work. A copy of the project's Sign-In sheets displaying everyone who received the training is displayed in **Appendix B**.

5. Compliance Monitoring Summary

5.1 Mitigation Measures

Acting on behalf of the CPUC, the ESA CM conducted environmental site inspections to assess implementation of the project's environmental requirements by SDG&E and their contractors. As set forth in the IS/MND, the MMRCF tracked compliance with the project permit conditions, environmental commitments, and mitigation measures. Prior to the start of construction, CPUC staff and ESA reviewed the plans required by the project under the MMRCF. The completed and approved plans are listed below:

- Soil and Dewatering Management Plan
- Construction Fire Prevention Plan (Revised September 2021)
- Health and Safety Plan
- Cultural Resources Monitoring Plan
- Paleontological Resources Monitoring and Mitigation Plan
- Supplemental Geotechnical Engineering Plan/Report

SDG&E Environmental Inspectors were on site daily to implement compliance. ESA's CM conducted site inspections throughout the project's construction in 2021. Based upon these inspections, ESA prepared monitoring logs summarizing construction progress, conformance to the project's environmental commitments and mitigation measures, and provided recommendations as necessary for improved compliance.

5.2 Reporting and Compliance Levels

For all site inspections conducted by ESA, a monitoring log was written to track the progress of construction and to ensure the project's environmental mitigation measures were being satisfactorily implemented. These monitoring logs are provided in **Appendix C**. These daily monitoring logs will note any problems that may occur and take appropriate actions to rectify the problem. Any deviations from permit conditions, NTPs, APMs, or mitigation measures, particularly when the activity puts a sensitive resource at risk. Such activities should be considered a non-compliance incident. A noncompliance incident may include failure to fully

comply with all terms and conditions in permits or approvals from other federal, state, and local agencies that are relied upon in the mitigation measures and APMs.

- **Minor Deviation.** This level indicates that a minor deviation from an APM, approved project element, or mitigation measure has been identified and action is being taken in the field to immediately remedy the situation. No resources are being impacted and no potential for resource damage exists. If minor deviation is not expeditiously corrected, it would become a Noncompliance issue.
- **Noncompliance.** One or more aspects of an APM or mitigation measure have not been complied with, making the mitigation ineffective and resulting in minor impacts. If allowed to continue, this noncompliance could result in a significant impact over time. Noncompliance may also include one or more of the aspects of an APM or mitigation measure not being complied with and the implementation of an APM or mitigation measure being deficient or nonexistent, resulting in significant impact(s), or immediate threat of major, irreversible environmental damage or property loss. The protocol outlined above for an NCR shall be completed in the event the noncompliance is identified by a 3rd party compliance monitor and/or the SDG&E LEI.

These monitoring logs documented site visits and also provided compliance recommendations or listed corrective actions required to bring the project into compliance. ESA also included any corrective action recommendations made to the SDG&E environmental compliance team in the monitoring log.

Non-Compliance Incidents

No non-compliance incidents have been documented during this reporting period. All project activities were conducted in compliance with project requirements.

Public Complaints

There were no public complaints documented during this reporting period.

6. Minor Project Refinement Requests

Over the course of construction project modification requests were submitted to the CPUC for consideration. Between October and December of 2021, a total of four Minor Project Refinement Requests (MPRR) were submitted to the CPUC. All four requests were approved. A table summary of these MPRRs is provided, below in **Table 2**.

Complete MPRR documentation, including approvals, is included online at the following CPUC website: <https://ia.cpuc.ca.gov/environment/info/esa/TL6975/index.html>.

TABLE 2
MINOR PROJECT REFINEMENTS SUMMARY

MPR #	Description	Date Submitted	Date Approval
MPR-1	MPR-1 allows the use of a temporary work area between Locations 85 and 86 for Segment 3 wire installation operations.	Submitted October 22, 2021 Comments Received November 1, 2021 Resubmitted November 4, 2021	Approved November 8, 2021
MPR-2	MPR-2 allows the use of 3 temporary work areas for Locations 107, 108, and the relocation of Stringing Site (SS) 19	Submitted October 27, 2021 Comments Received November 1, 2021 Resubmitted November 3, 2021	Approved November 4, 2021
MPR-3	MPR-3 increased the size of work areas for Location 102 and SS17, and the relocation of SS18	Submitted November 5, 2021	Approved November 12, 2021
MPR-4	MPR-4 increased the size of the work areas for Locations 81 and 89	Submitted November 16, 2021 Comments Received November 22, 2021 Resubmitted December 9, 2021	Approved December 21, 2021
MPR-5	MPR-5 would approve the relocation of Location 77 and increased work area near Location 74	Submitted December 15, 2021 Comments Received January 3, 2022 Resubmitted January 6, 2022	Approved January 18, 2022

7. Recommendations

The CPUC has no additional recommendations at this time.

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Appendix A

Worker Environmental Awareness Program Presentation



SAN MARCOS TO ESCONDIDO TL6975 69 KV PROJECT

KICK-OFF MEETING AND

WORKER ENVIRONMENTAL AWARENESS PROGRAM (WEAP)

September 13, 2021

WEAP Overview

Project Overview and Purpose

Project Components

Roles and Responsibilities

Regulatory Authority and CPUC Oversight

General Safety and Helicopter Operations

Fire Safety & Prevention

Resource-Specific Trainings

Compliance Incidents

Public and Press Communication

Sign In

Questions

Project Overview



Purpose

The purpose of the Project is to ensure the reliability of the transmission system, meet the State of California's policy goals, accommodate load growth, and improve system efficiency in SDG&E's service territory

- Mitigates the potential for localized rolling blackouts in San Marcos during peak load events (estimated need by 2022)
- Accommodates load growth in the area
- Reduces fire risk by replacing aging infrastructure with state-of-the-art, fire-resistant steel poles and wire
- Supports California's clean policy goals by facilitating the integration of renewables (RAS Mitigation)

Project Components - Main

SEGMENT 1 -

- Rebuild TL680C, add TL6975 to create a double circuit, replace porcelain insulators with polymer insulators, and reconductor an existing 12 kV line for 1.8 miles west of the San Marcos Substation.

SEGMENT 2 -

- Construct a new single circuit power line approximately 2.8 miles in length on new steel poles parallel to the existing TL 13811/13825 within an existing 150-foot SDG&E ROW.

SEGMENT 3 -

- Reconductor and re-energize approximately 7.4 miles of existing power line, as well as replace insulators, in unincorporated San Diego County and Escondido.
- Replace existing wood poles with new steel galvanized direct-bury and foundation poles, as well as remove some existing pole structures from service along the entire Project alignment.

Project Components - Substations

SAN MARCOS SUBSTATION

- Install a 69 kilovolt (kV) circuit breaker and concrete pad, a 30-foot A-frame, seven piers, and two 69 kV 2,000-amp disconnects within the existing San Marcos Substation on Discovery Street in San Marcos.

ESCONDIDO SUBSTATION

- Remove an oil containment wall and replace an existing oil circuit breaker pad with a new gas circuit breaker and transfer the existing overhead conductor from the 138 kV rack to an existing 69 kV bay position.
- Existing overhead conductor will be transferred from the 138 kV rack to an existing 69kV bay position to accommodate the new TL6975

Project Components – AC Mitigation

AC MITIGATION

- Install an alternating current (AC) interference mitigation system, including 5 deep wells/ solid state decouplers and 3 coupon test stations.

Roles and Responsibilities

SDG&E Project Manager – Melinda Kimble

- Provides direction, management, leadership, and corporate coordination for the project.

SDG&E Field Construction Advisors – Jon Gregory Howard & Larry Mascari

- Responsible for providing field-based oversight of the construction contractor(s).

SDG&E Field Safety Advisor – Heath Haukland

- Responsible for safety oversight during construction, covering all staff and workers performing work including SDG&E, contractors, and inspectors.

SDG&E Environmental Project Manager (EPM) – Bill Yee

- Provides direction and management of Mitigation Monitoring Reporting and Compliance Program (MMRCP) compliance.

SDG&E Environmental Compliance Coordinator – Debbie Schafer

- Provide support to the EPM for successful implementation and compliance under the MMRCP and all other applicable environmental permits.

SDG&E Lead Environmental Inspector (LEI) – Brent Santibanez

- Oversees and verifies the day-to-day environmental compliance effort and is the primary field employee responsible for verifying and documenting environmental compliance.

SDG&E Environmental Consultant, Compliance Support – Kp Environmental, Inc.

- Provides support to the environmental management (EM) team on MMRCP compliance, including reporting, MPRs, and all other office-based compliance actions.

Roles and Responsibilities

Biological & Aquatic Resource Monitors – Ensures that the avoidance and minimization measures for biological and aquatic resources are being implemented during construction.

- Contact: Tristen Utic (760) 622-5566

Paleontological Monitors – Monitor excavation operations that involve the original cutting of previously undisturbed soil in sensitive areas, and facilitates the management of discoveries.

- Contact: Rodney Hubscher (760) 315-2356

Cultural Resource Monitors – Monitor construction activities in the vicinity of all known cultural resources and facilitates the management of discoveries.

- Contact: Katherine Sinsky (760) 207-4242

Native American Monitors – Monitor construction activities in areas which have the potential to impact Native American resources.

- Contact: *scheduling through the Cultural Resources Monitor*

SWPPP Monitors – Administers the Storm Water Pollution Prevention Plan (SWPPP) training, and conducts required stormwater inspections to ensure compliance with the SWPPP is maintained.

- Contact: Louie Nunes, QSP (619) 254-2823

Hazardous Materials Specialists – Oversee proper management of known and unanticipated hazardous materials, storage of hazardous materials, management of releases and compliance with local state and federal laws.

- Contact: Jennifer Davis (858) 357-5992

Regulatory Authorities

California Public Utilities Commission (CPUC)

Trevor Pratt (Project Manager)

ESA, Inc. (Environmental Consultant) – Dave Davis and Team

OTHER AGENCIES WITH JURISDICTION

United States Fish and Wildlife Service (USFWS)

City of Escondido

California Department of Fish and Wildlife (CDFW)

City of Carlsbad

North County Transit District (NCTD)

City of Vista

City of San Marcos

County of San Diego

Agency Oversight and the CPUC

- California Public Utilities Commission is the lead agency under the California Environmental Quality Act (CEQA), responsible for the Project's environmental oversight.
- United States Fish & Wildlife Service, State Water Resources Control Board, California Department of Fish and Wildlife, and the Regional Water Quality Control Board also have jurisdiction.
- City and County have vested interest within their jurisdictions.

Agencies and organizations will keep an eye on the Project with the expectation that the Project will remain within compliance.

Notice To Proceed (NTP)

No project work can begin without a **Notice to Proceed (NTP)** issued by the CPUC for the specific task to be undertaken. This is in addition to the Permit to Construct and any local permits.

A NTP for a certain type of work or Project location does **not** necessarily signify that other work or Project locations have been approved for construction. Only work locations described within the NTP are approved to start construction. For example, an NTP might cover only one segment of transmission line construction.

All construction contractors and subcontractors shall ensure work undertaken each day is approved, as applicable. ***If unsure, ask!***

The Basics

- Stay in approved work areas and work during approved work hours.
- Drive on approved access roads.
- Do not feed/disturb/collect wildlife or plant species.
- No pets/firearms.
- No wildlife, including rattlesnakes, may be harmed, except to protect life and limb.
- Implement measures to prevent wildfires.
- Maintain BMPs.
- Do not litter; cover trash bins.
- Clean-up/report spills.
- Do not work in areas deemed biologically, culturally, or paleontologically sensitive without a monitor.



Communicate and ask questions.



General Safety & Helicopter Operations

General Construction Safety

- Make sure you know the specific hazards to each jobsite you are at by reviewing daily tailboards and Job Safety Analysis (JSAs).
- Public safety is of utmost importance and shall be taken seriously by all project personnel; all employees have the right and obligation to STOP work when any unsafe act or condition is recognized.
- No weapons or pets of any kind are allowed within the boundaries of the Project.



COMMUNICATION IS KEY



General Construction Safety - Traffic

- All road work will be subject to local traffic authority and written plans, devices, and permits.
- If you notice traffic control devices or barricades have been knocked down, notify site supervisor immediately.
- Wear appropriate PPE when working in a traffic control area.
- When working behind concrete barriers, do not sit, lean or stand next to them.
- Do NOT move or alter barricades and signs.
- Work and staging space can be very limited at worksites. Coordinate travel to and from worksites and parking before entering a worksite.
- Coordinate with local emergency response agencies during construction within existing public roadways



General Construction Safety - Traffic

The Project's Traffic Control Plan(s) provide procedures for minimizing the potential for traffic safety incidents. General guidelines for traffic control are as follows:

- Use flaggers and/or signage to guide vehicles through or around construction zones and detours.
- Detour pedestrian and bicycle traffic when sidewalks and bike lanes are closed.
- Avoid routing trucks along minor and/or residential roads to reduce congestion and potential damage.
- Time worker commutes and material deliveries to avoid peak commuting.
- Keep roadways clean and free of debris.

NCTD Coordination:

- Minimize interruptions to transit services. If temporary impacts to a bus stop are necessary, contractor must coordinate with NCTD.
- Must coordinate with NCTD 30 days prior to right-of-way construction work.

Personal Protective Equipment (PPE)

The following PPE shall be worn by all personnel while working on or entering a Project work area:

- ANSI approved hard hat.
- Appropriate footwear.
- ANSI approved safety glasses or ANSI approved prescription glasses with side shields.
- High-visibility vest or clothing.
- Fall protection is required around excavations.

Additional PPE may be required per job task, job classification and/or location (e.g. working near energized lines).

Inspect all PPE regularly and keep in good working condition.



COVID-19/CORONAVIRUS POLICY AND PROTOCOL

Ensure that every individual at every SDG&E job site is following Company, CDC, Cal/OSHA and local guidance relating to COVID-19. SDG&E is continually updating the SDG&E Contractor COVID-19 policy and protocols and communicating through ISN. Contractors shall be responsible for complying with these guidelines.

- All contractors must ensure that all contractor and subcontractor employees reporting to an SDG&E worksite are screened for COVID-19 before arriving at the worksite every workday. No contracted worker may report to an SDG&E jobsite if they answer “yes” to the required screening questions.
- Face coverings **are** required both indoors and outdoors, regardless of vaccination status.
- Face coverings can only be removed if:
 - You are outdoors and able to maintain a physical distance of at least six feet
 - You are working alone in a room or office indoors
 - You are eating or drinking (indoors or outdoors) and you are able to maintain physical distance
- ISN bulletins must be reviewed regularly to remain compliant with the Company policies.

COVID-19/CORONAVIRUS POLICY AND PROTOCOL, continued

- The contractor must ensure that all subcontractors or other visitors to the site, such as suppliers, vendors, local government representatives and others are screened before entering the site. No individual who answers “yes” to any of the screening questions will be allowed onsite.
- If, during the performance of work, a member of the contracted workforce reports symptoms of COVID-19, such person must leave the worksite and the contractor must immediately email SDGEContractorCOVID@sdge.com with details to confirm exposure.
- Workers will be reminded at every Job Safety Analysis or tailgate meeting to follow prescribed hygiene measures and practice social distancing whenever practicable and safe, including the required use of face coverings, in accordance with SDG&E Contractor COVID-19 policy and protocols.
- These requirements are the responsibility of the contractor, not SDG&E. Failure to comply may result in immediate action by SDG&E.
- This policy is applicable to all contracted work. By continuing to perform work under contract with SDG&E, contractors agree to comply with these guidelines on a continuing basis until restrictions are lifted or changed.

Incident Reporting

- Contractor must immediately report to the SDGEContractorIncidents@sdge.com and SDG&E Contractor Representative any project–related incidents, including the following;
 - Non-Serious Near Misses
 - Property Damage
 - Fires
 - Spill/Release
 - Significant adverse chemical reactions or injuries
 - Stop-the-Job/Stop-the-Task situations
 - SIF Potential Event
 - Serious Near Misses
 - Injuries and illnesses
 - Hazardous situations
 - Environmental Incident
 - Crew-caused circuit interruptions
 - Agency Involvement

Incident Reporting

- Contractor is responsible for promptly investigating such incidents involving its employees and subcontractors
 - completing the investigation within 10 days.
- For the type of incidents identified in the previous slide (excluding non-serious near misses), the investigation report must
 - be provided to SDG&E with information regarding corrective and preventive measures taken by the Contractor to prevent recurrences.
- In cases where more time is needed to complete the investigation, a preliminary written investigation report must
 - be submitted within 10 days to the SDG&E Representative
 - followed by a final report within a reasonable time thereafter.
- Contractor must submit SDG&E-related incident information in the ISN Site Tracker tool monthly, if requested.
- SDG&E has the right to initiate its own investigation into any contractor incident on SDG&E property, involving SDG&E facilities, or related to SDG&E projects.

Helicopter Operations

Helicopters may be utilized during construction of the Project. A brief safety review will be conducted each day helicopter activities are planned to occur.

In general, stay away from helicopters and external load operations unless it is necessary that you are involved as part of your job duties.

Practice Situational Awareness at all times!



FIRE SAFETY



September 13, 2021

Fire Prevention

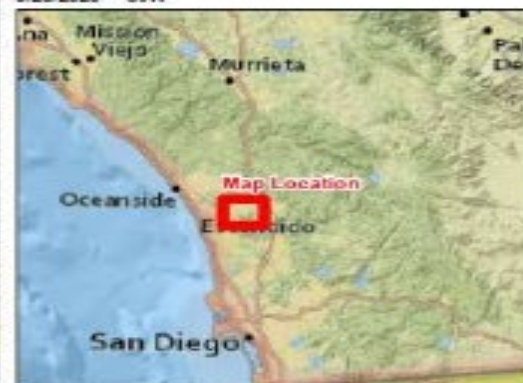
TL6975
**SAN MARCOS to ESCONDIDO
 PROJECT**
 HIGH FIRE THREAT DISTRICTS
 San Diego County, CA

LEGEND

-  Interstate
-  State Highway
-  Major Road
-  Railroad
-  Municipal Boundary
-  Tier 2 High Fire Threat District
- Proposed Project**
-  Existing Substation
-  Segment 1 - Rebuild
-  Segment 2 - New Build
-  Segment 3 - Re-conductor / Re-energize



Data Sources: CalTrans, CPUC, ESRI, SANDAG, SanGIS, SDG&E, USDA.
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September 13, 2021

Overview of the Construction Fire Prevention Plan (CFPP)

SDG&E has prepared a Construction Fire Prevention Plan for the Project. The Plan will be always adhered to and includes the following:

- Know the Fire Prevention requirements for specific construction activities and equipment.
 - Requirements are posted in Attachment 1 “Fire Prevention Matrix”
 - If you would like a larger format copy of the matrix please contact Fire Coordination
- Know the definitions of SDG&E terms including the Fire Potential Index (FPI).
- Know Emergency Response Procedures
- Know Basic Fire Suppression Actions



Construction Fire Prevention Plan

San Marcos to Escondido TL6975 Project

Overview and Summary of the Construction Fire Prevention Plan (CFPP)

The CFPP includes a Fire Prevention Matrix that outlines the Fire Mitigation Compliance Requirements of the Project's work activities and vehicles/equipment.

As Fire Risk rises, compliance measures increase. Activities cease without prior approval in an "Extreme" or "RFW."

Fire Compliance is your responsibility. Once you leave this training it is expected that all Fire Mitigation Compliance requirements of the project are met before work begins.

If there are questions or you feel your job activity is not covered by the CFPP or the matrix, call SDG&E Fire Coordination at (858) 503-5152.

PROJECT ACTIVITIES		FIR		
ACTIVITY	ACTIVITY TOOLS AND EQUIP	NORMAL	ELEVATED	EXTREME and RFW
If your activity does not fall into a specific category consult the fire prevention plan, ask your CA, or call SDGE fire personnel. It is your responsibility to know what mitigation tools are required for your activity.	Expected tools for activity; If you use multiple tools or are doing multiple activities you must consult multiple boxes in the matrix. If a vehicle containing the appropriate tools for the activity is parked within the required distance for the activity, those tools meet the requirements of the fire prevention mitigation measure.	FPI Range of 1-11	FPI Range of 12-14	FPI Range of 15-17
1 Privately Owned Vehicle (POV)	A privately owned vehicle used as transportation to a yard and parking in a POV area. (Parking areas must have adequate clearance from combustible material)	No tools required (If the vehicle is brought out to sites it must have the same tools as other project vehicles)	No tools required (If the vehicle is brought out to sites it must have the same tools as other project vehicles)	No tools required (If the vehicle is brought out to sites it must have the same tools as other project vehicles)
2 Project Vehicles	Company owned vehicles. Vehicles with company markings, and equipment (not POV's) (Parking areas must have adequate clearance from combustible material)	1 round point shovel, 1 Pulaski, and 1 (5) gallon backpack pump	1 round point shovel, 1 Pulaski, and 1 (5) gallon backpack pump	1 round point shovel, 1 Pulaski, and 1 (5) gallon backpack pump
3 Fire Box	When/Where required the minimum contents of a fire box shall be 3 shovels, 2 Pulaskis, 2 McLeods and 1 full 5 gallon backpack pump.	When/Where required the minimum contents of a fire box shall be 3 shovels, 2 Pulaskis, 2 McLeods and 1 full 5 gallon backpack pump.	When/Where required the minimum contents of a fire box shall be 3 shovels, 2 Pulaskis, 2 McLeods and 1 full 5 gallon backpack pump.	When/Where required the minimum contents of a fire box shall be 3 shovels, 2 Pulaskis, 2 McLeods and 1 full 5 gallon backpack pump.
4 Helicopter Operations	Helicopter	Helicopter staging areas will be treated similar to other staging areas with enough fire equipment for personnel on site or fire box available on major operations. On Incidental Landing Areas (LA's) adequate firefighting equipment shall be carried on the helicopter for the number of personnel working on the ground at those sites.	Helicopter staging areas will be treated similar to other staging areas with enough fire equipment for personnel on site or fire box available on major operations. On Incidental Landing Areas (LA's) adequate firefighting equipment shall be carried on the helicopter for the number of personnel working on the ground at those sites.	Helicopter staging areas will be treated similar to other staging areas with enough fire equipment for personnel on site or fire box available on major operations. On Incidental Landing Areas (LA's) adequate firefighting equipment shall be carried on the helicopter for the number of personnel working on the ground at those sites.
5 Gasoline Powered hand tool use	Chain saw, Chop saw, Weed Eater, ... (Spark Arrestor Required)	1 round point shovel, 1 Pulaski, and 1 (5) gallon backpack pump within 50'. There must be one shovel or a fire extinguisher within 25'. Assign a spotter/swamper during operations	1 round point shovel, 1 Pulaski, and 1 (5) gallon backpack pump within 50'. There must be one shovel or a fire extinguisher within 25'. Assign a spotter/swamper during operations	Activity Not Permitted
6 Gasoline Powered Tool Fueling (Chain saw, Weed Eater, chipper, generator...)	Gas can/truck	Equipment may be refueled after cooling and in an area with a minimum of 10' of clearance. Shovel and Fire extinguisher within 25'.	Equipment may be refueled after cooling and in an area with a minimum of 10' of clearance. Shovel and Fire extinguisher within 25'.	Activity may take place only in a cleared MOW. Equipment may be refueled after cooling and in an area with a minimum of 10' of clearance. Shovel and Fire extinguisher within 25'.
7 Combustion engines	Generators, Compressors, any piece of equipment with a combustion engine	1 round point shovel, 1 Pulaski, and 1 (5) gallon backpack pump within 50'. While operating equipment must have 5' of clearance on all sides and no combustible material underneath; ensure equipment that requires a spark arrestor has it installed properly	1 round point shovel, 1 Pulaski, and 1 (5) gallon backpack pump within 50'. While operating equipment must have 5' of clearance on all sides and no combustible material underneath; ensure equipment that requires a spark arrestor has it installed properly	1 round point shovel, 1 Pulaski, and 1 (5) gallon backpack pump within 50'. While operating equipment must have 5' of clearance on all sides and no combustible material underneath; ensure equipment that requires a spark arrestor has it installed properly

General Fire Prevention



Fire tools are required on all vehicles under all operating level conditions and must be within 50' of work activities

- 1 Round point shovel (at least 46" in length)
- 1 Pulaski
- 1 Five-gallon backpack pump (Full of water)
 - Includes:
 - POV's, rental equipment, visitors, etc. if not in MOW (Yard)
 - Non-motorized equipment with a combustion engine, i.e. generators, compressors, etc.
- It is your responsibility to:
 - Know the daily Fire Potential Index (FPI). Communicated daily:
 - At Morning Briefing (Tailboard)
 - By Site supervisor
 - Follow Fire Prevention Matrix included in the CFPP for work activity compliance
 - Have access to a communication device for emergency reporting
 - Be aware of your surroundings, always be prepared, have an emergency plan



September 13, 2021

General Fire Prevention

Specific activities; Hot Work, Grading, Working on Energized Lines and/or Helicopter use are identified with specific requirements.

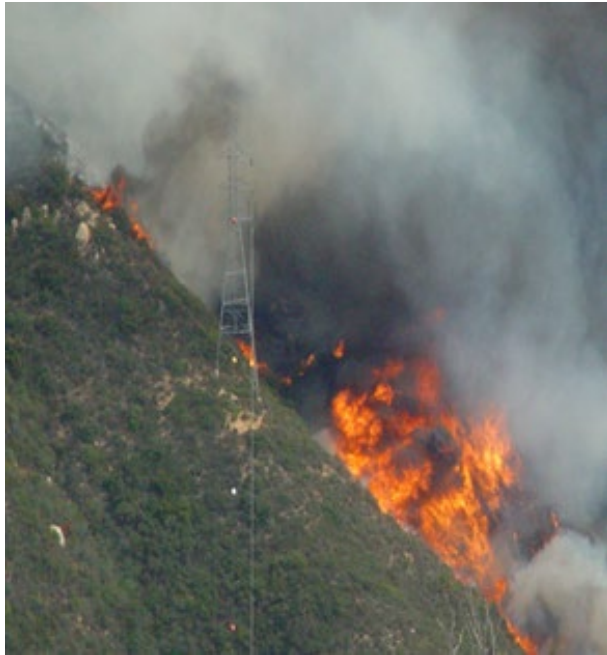
- Companies will follow their own hot work programs but will meet or exceed all requirements of this plan and NFPA 51
- Vehicles and equipment will only park in areas with sufficient clearance as to not ignite combustible material

The use of shields, protective mats, or other fire prevention methods shall be used during grinding and welding to prevent or minimize the potential for fire.

Specific requirements apply to Major Operations Work (MOW) areas; i.e. construction yards and substations

- Fire Boxes

ALL equipment with combustion engines that are brought onto the project right of way (ROW) are required to have either spark arrestors or be turbo charged



Site personnel must be trained to recognize and respond to fire hazards. The project team must develop a fire response plan that includes the project location, fire hazards, and fire response procedures. The project team must also develop a fire response plan that includes the project location, fire hazards, and fire response procedures.



Fire Detection

Situational awareness is key to catching fires while they are small.

Be aware that fires may start from outside factors and impact the Project.

Safety of Project personnel and the public comes before anything else. If at any time you feel a situation is unsafe for you or anyone else **stop work and make the proper notifications.**

Emergency Response/Notification



REPORT ALL FIRES!

First: Get yourself to a safe place

Second: CALL 9-1-1

Third: Notify your site supervisor, Fire Coordinator and PM team. Fire Coordinator will make proper notifications to the agency having jurisdiction, as needed.

All Project construction personnel will have access to a radio/cellular telephone.

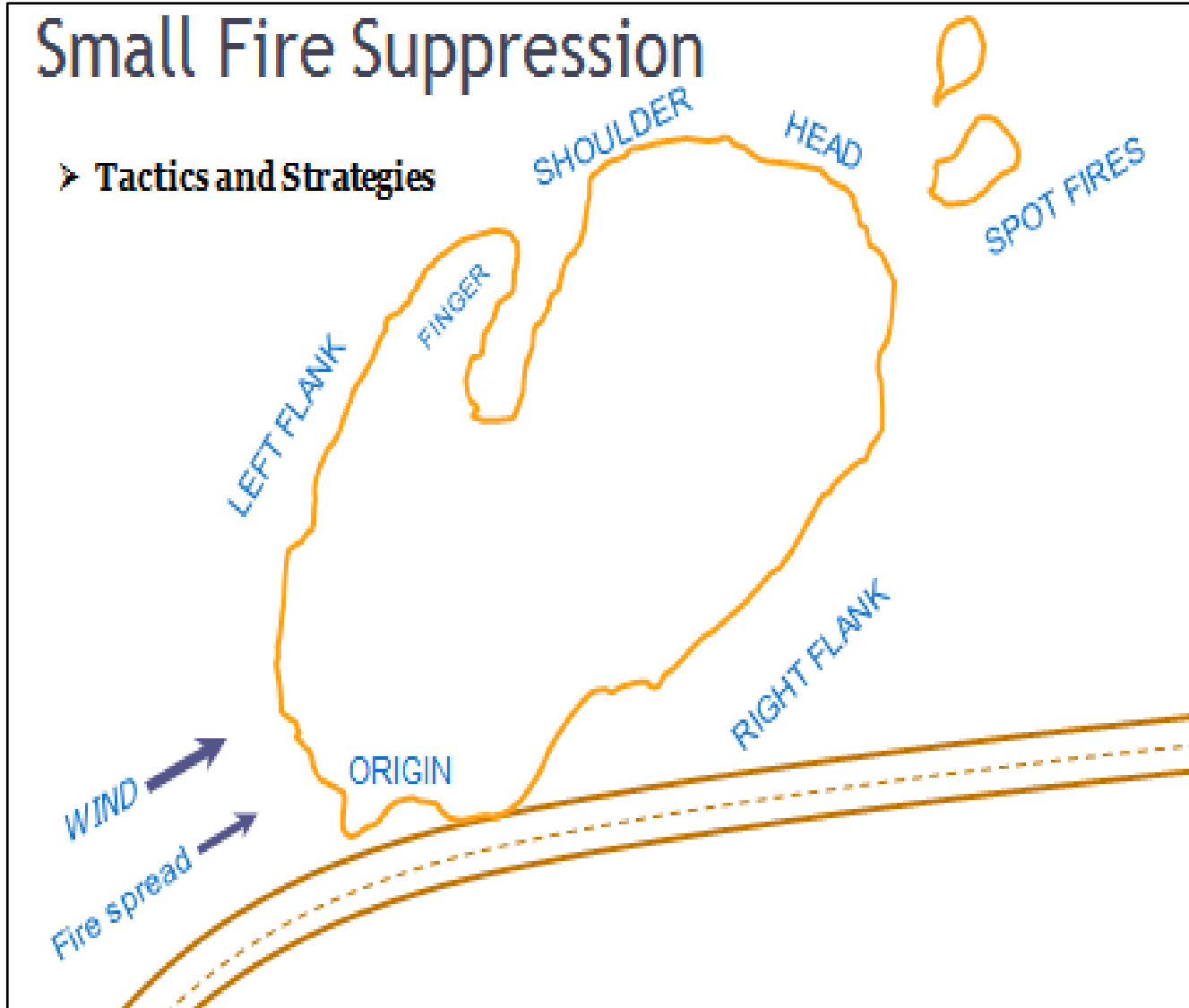
Project personnel will only attempt to suppress the fire if it is safe to do so.

If a fire is extinguished, it will still be reported to the agency having jurisdiction. [Call 911 and communicate that you have an “Extinguished Fire”]

Primary Evacuation will be to the nearest Major Operations Work area (e.g. construction yard), unless directed otherwise.

Small Fire Suppression

➤ Tactics and Strategies



Emergency Response

Small Fire Suppression:

- Always wear PPE (helmet, gloves, eye protection)
- Fire spreads in the direction of wind and slope
- Always start at the bottom with wind at your back
- Scrape a line using hand tools and spray water with the backpack pump
- Always know your escape route
- Stay aware of what's behind you
- Always move to safety when you feel tired, unsure, or ineffective
- REMEMBER: Fire Suppression should only occur in it's incipient (small) stage! Evacuation should occur if the incident grows rapidly

Questions?

Have a great Fire
Safe Project! 

September 13, 2021



Air Quality



		California Environmental Protection Agency
AIR RESOURCES BOARD		
Statewide Portable Equipment Registration Program		
Registration Number:	Expiration Date:	
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Air Quality - Dust Control and Portable Equipment

Following procedures need to be implemented:

- Implement appropriate dust suppression (e.g., watering down of exposed areas and covering of storage piles) to comply with the visible emission standard of the San Diego APCD's Fugitive Dust Control Rule 55.
- Minimize track-out/carry-out of visible dust on to adjacent paved roadways by continuing to implement appropriate dust management practices (e.g., track-out grates, gravel beds etc. at each egress point).
- Temporarily suspend construction activities during very windy conditions when visible emissions cannot be controlled.
- Remove visible dust from adjacent paved roadways at conclusion of workday.
- Vehicle speeds should be 15 mph or less on unpaved areas unless otherwise posted.
- 5-minute idle limit on diesel vehicles; turn engines off.
- Portable engines (50 HP or greater) used to power generators and other equipment must be registered under CARBs portable equipment registration program (PERP).
 - Orange placard with active registration sticker must be visibly affixed to the equipment.



Noise & Vibration



Construction Noise Reduction & Mitigation Plan

Reduce noise and vibration impacts by implementing the following measures:

- Operate earth-moving equipment as far away from residential and other vibration sensitive receptors as possible.
- Phase operations to limit earth-moving and ground-impacting operations from occurring during the same time period.
- Route construction traffic away from schools and residential streets, where feasible.
- Avoid nighttime and/or weekend work activities where feasible.
- When nighttime and/or weekend activities are necessary, noise shall not exceed the applicable maximum noise level limits when measured at the nearest residential property without appropriate coordination with the local agency at least 24 hours in advance and proper public notifications.
- Minimize construction equipment idling.
- Comply with the Construction Noise Reduction and Mitigation Plan (Noise Plan) and the Mitigation Monitoring, Reporting and Compliance Program.
- Allowable Construction Hours must be followed (per each local jurisdiction's noise code – see next slide); however, construction within 100 feet of noise sensitive receptors must follow the guidelines within the Noise Plan even if they are more restrictive than the applicable local ordinance allows.

Construction Hours by Jurisdiction

Jurisdiction	Allowable Construction Hours	Limitations
County of San Diego and City of Vista ¹	7:00 a.m. to 7:00 p.m. Monday through Saturday	The County's Municipal Code Section 36.049 sets "sound level limits for construction equipment to not exceed and average sound level of 75 dBA for an eight-hour period between 7:00 a.m. and 7:00 p.m., when measured at the boundary line of the property."
City of Escondido	7:00 a.m. to 6:00 p.m. Monday through Friday and 9:00 a.m. to 5:00 p.m. Saturdays	The City's Municipal Code Section 17.234 (C) states; "No construction equipment or combination of equipment, regardless of age or date of acquisition, shall be operated so as to cause noise in excess of a one-hour average sound level limit of 75 dBA at any time, unless a variance has been obtained in advance from the city manager."
City of San Marcos	7:00 a.m. to 6:00 p.m. Monday through Friday and 8:00 a.m. to 5:00 p.m. Saturdays	NA
City of Carlsbad	7:00 a.m. to 6:00 p.m. Monday through Friday and before 8:00 a.m. Saturdays	The City of Carlsbad exempts certain activities from land use regulations including installation, maintenance, and operation of mutual water companies or public utility pipelines and electric or telephone transmission lines, or railroads, when located in accordance with the applicable rules and regulations of the public utilities commission of the State of California within rights-of-way, easements, franchises, or ownerships of such public utilities.
Source: TL 6975 Final IS/MND		
¹ Section 8.32.040 of the City of Vista's Municipal Code adopts the County of San Diego's Regulations for Noise Control		

Blasting Plan and Vibration Reduction Plan

Must submit a blasting plan to the CPUC 14 days prior to the commencement of activities.

- If necessary, SDG&E and/or its contractors shall use portable noise barriers between the source and affected occupied properties to reduce excessive noise impacts.
- Blasting shall be limited to between the hours of 7:00 a.m. and 7:00 p.m. daily.
- Public notifications to potentially affected sensitive receptors describing the expected extent and duration of the blasting.
- Must verify that explosives are not being used within 300 feet of the boundary of any occupied parcels zoned for residential. If they are, SDG&E will provide verification to the CPUC that residences affected by noise are notified of the date and time of blasting and offered temporary relocation assistance.



Biological Resources

September 13, 2021



Subregional Natural Community Conservation Plan (NCCP)

The purpose of the NCCP is to preserve and minimize impacts to biological resources while streamlining the permitting and mitigation process.

The NCCP is generally applicable when work will impact a “natural area.”

“Take” of the more than 100 special status species and vegetation communities is covered by the NCCP through:

- Mitigation credits.
- Restoration and enhancement of habitats.
- Avoidance of impacts whenever possible through the implementation of Operational Protocols.

“Take” is defined as disturbance or harm of a special status species or vegetation community covered by the NCCP.

NCCP - Operational Protocols



Nest buffers are required where active nests occur within close proximity of construction activities.

Nesting bird surveys are required prior to vegetation removal or ground-disturbing activities or other construction activities that could affect nesting birds, such as helicopter use and stringing, during nesting season (Feb 15-Aug 31 per MMCRP).



Native hydroseed or hydromulch may be used where revegetation would improve success of erosion control.

NCCP - Operational Protocols



- Speed limit on dirt roads is a maximum of 15 mph
- Project vehicles and traffic must stay on approved access roads

NCCP - Operational Protocols (continued)

Avoid conductor dragging on ground or in brush



Avoid impacts to rare plant species when feasible

No parking or driving under oak trees except on established travel routes.



NCCP - Operational Protocols (continued)

- Limit vegetation clearing and ground disturbance to existing work areas where feasible.
- Limit new impacts to the smallest area possible.
- Utilize temporary work areas in such a way that post-construction restoration is facilitated (e.g., using drive and crush methods or topsoil salvage).
- If nighttime lighting is necessary adjacent to aquatic areas, lighting will be shielded away from these areas to prevent impacts to aquatic wildlife.
- Staging/storage areas for equipment and materials will be located outside of riparian areas.



NCCP - Operational Protocols (continued)



Install wildlife ramps or cover excavations overnight when necessary.



Cap or cover pipes and other materials at the end of each workday to avoid trapping wildlife, where possible.

NCCP - Operational Protocols (continued)

- Biological monitors will be present during construction activities in areas where environmentally sensitive resources have been identified.
- The monitors will be responsible for ensuring that impacts on special status species, native vegetation, wildlife habitat, or unique resources are avoided to the extent possible.
- Areas with sensitive biological resources will be marked as Environmentally Sensitive Areas (ESA) to protect those resources during construction.



NCCP - Operational Protocols (continued)

- Preconstruction clearance surveys will be conducted by the biological monitors for activities occurring in sensitive habitat prior to the start of construction activities each day.
- Field crews will notify the biological monitor and/or LEI regarding any wildlife relocation, dead or sick wildlife, or questions regarding environmental impacts. Field crews should never attempt to touch or handle any wildlife encountered onsite.



Special Status Wildlife Species

Coastal California Gnatcatcher



Federally threatened
State species of special concern
NCCP covered species

- Preconstruction surveys required in any suitable habitat during breeding/nesting season
- If feasible, construction and vegetation removal will be avoided near suitable habitat during peak breeding season (February 15 – August 31)
- If active nests are discovered, work will need to be halted and redirected away from the site until the birds have fledged the nest

Special Status Plants and Sensitive Habitats

- Avoid special status plant and sensitive habitats by staying within approved work limits.
- Examples of special status plants that could occur in the Project area include:



Encinitas baccharis
Federally threatened State
endangered CNPS 1B.1
NCCP narrow endemic Covered



Thread-leaved brodiaea
Federally threatened
State endangered
CNPS 1B.1
NCCP Covered



Many-stemmed dudleya
CNPS 1B.2
NCCP Covered



California satintail
CNPS 2.1

Invasive Plant Control Measures

- Vehicles and equipment must arrive on the Project free of soil and debris capable of transporting noxious weed seeds, roots, or rhizomes.
- Never collect any plants.
- Stay on approved roadways and within designated work areas.
- Utilization of certified weed-free straw wattles.



What are the penalties?

Special status plant and wildlife species are afforded protection at the State and Federal level which include:

- Migratory Bird Treaty Act
- Federal Endangered Species Act
- California Department of Fish and Game Code
- California Endangered Species Act

Violations of federal and state laws can result in substantial fines and imprisonment.

Cultural Resources



Cultural Resources

Cultural resources include prehistoric and historic sites and individual artifacts. Sites may include greasy black soil where fire hearths once were, historic trash deposits or other signs of human habitation. Artifacts such as pottery, arrowheads, grinding stones, or other stone tools can indicate prehistoric activity while bottles, cans, and ceramics may indicate a historic resource.

An archaeological (i.e., cultural resource) monitor and/or Native American monitor will be present during vegetation clearing and ground-disturbing activities in sensitive areas.



Cultural Resources

Examples of cultural resources can include:

- Accumulation of shell, burned rocks, or charcoal
- Bones or small pieces of bone
- Stone tools
- Pottery or ceramics

Cultural resource information is confidential and protected by federal and state law. Violations may result in substantial fines and/or imprisonment.



Cultural Resources

- The archaeological (cultural resource) and Native American monitors have the authority to stop work in the vicinity of the discovery as deemed necessary. A buffer will be established if a discovery is made to allow for appropriate evaluation of resources.
- If you discover something that could be a cultural resource and a cultural resource monitor is not present, stop the activity in the area and contact the LEI immediately.
- Stop work as soon as it is safe to do so if bone is encountered and contact the LEI or cultural monitor immediately. If the bone is determined to be human remains, SDG&E will contact the coroner's office.
- Some previously identified cultural sites along the Project route will require exclusionary fencing and a 25-foot buffer.



Paleontological Resources



Paleontological Resources



- Paleontological resources (i.e., fossils) are the remains and/or traces of prehistoric plant and animal life that are 10,000 years or older.
- A Paleontological Monitor will be present during excavations in project areas with paleontological resource sensitivity.
- If you suspect you have encountered paleontological materials, stop the activity in the area and contact the LEI or Paleontological Monitor for further evaluation.
- The Paleontological Monitor has the authority to stop work if fossils are encountered. A buffer will be established if a discovery is made to allow for appropriate evaluation of resources.
- Paleontological resources are also confidential and protected by federal and state law. Violations may result in substantial fines and/or imprisonment.

Paleontological Resources

Fossils are the buried remains and/or traces of prehistoric organisms typically older than 10,000 years

Examples of fossils include:

- Vertebrate – bones and teeth
- Invertebrate – shells and molds of shells
- Plants – wood and leaf impressions
- Traces – tracks, trails, burrows, and footprints



Cultural & Paleontological Resources Confidentiality

- Cultural and paleontological resource information is CONFIDENTIAL and CANNOT be shared.
- Do not share any information or photos of any resource or the Project on social media.
- Cultural and paleontological resources are protected by federal, state, and local laws.
- Penalties for removing or intentionally disturbing these resources include:
 - Prosecution under federal and state laws
 - Substantial fees (e.g., \$20,000 for first-time offenders) or imprisonment





Water Quality



September 13, 2021



Aquatic Resources & Wetlands

- There are limited jurisdictional aquatic resources and/or wetlands within the project vicinity. However, the Project activities must avoid direct and indirect impacts to all aquatic resources, jurisdictional features, and wetlands.
- When clearing or grading occurs within 25 feet of a jurisdictional aquatic feature, silt fencing shall be installed on the side of the work area closest to the jurisdictional aquatic feature, to minimize construction-generated run-off or sedimentation.
 - During rain events, silt fencing will be checked
- Existing aquatic resource features occur near structure locations 6, 7, and 132.



San Marcos Creek near Location 7.

Stormwater Pollution Prevention - BMPs

- Install and maintain best management practices (BMPs) in accordance with the Project's Storm Water Pollution Prevention Plan(s) (SWPPP) and SDG&E's BMP manual for construction.
- Be aware of damage to BMPs caused by vehicles and equipment and notify the LEI if any BMPs require maintenance.
- Stabilize inactive construction areas (where work is complete, or no work is planned for at least 14 days).
- Do not allow unauthorized discharges (e.g., oils, gas, chemicals) to leave the work site, enter drainages or storm drains.
 - Note that authorized non-stormwater discharges include water used for irrigation and dust control.



Stormwater Pollution Prevention - BMPs

- Stockpiles should be placed a minimum of 50 ft. away from storm drain inlets, water bodies, or runoff paths, where feasible.
- Waste containers should be covered prior to and during rain events.
- Inspect concrete washout activities routinely to verify the integrity of the containment (e.g. lining / overflowing).
- Fueling and maintenance of vehicles and equipment should occur away from waterways (e.g. drainages, streams, and wetlands), where feasible.
- Leakage/spill prevention measures (drip pans or plastic) should be placed under vehicles and equipment parked on site for an extended period.



Hazards and Hazardous Materials



DANGER

**COMBUSTIBLE
LIQUIDS**

**DIESEL
ONLY**



WARNING
**HAZARDOUS
MATERIAL
STORAGE AREA**



Known and Unanticipated Hazardous Materials

- During construction, there is potential that hazardous materials may be encountered.
- Existing buildings and electrical facilities, including soil in and around these facilities, may be impacted with petroleum hydrocarbons, lead paint, asbestos, or other hazardous materials. SDG&E has completed sampling and abatement of known hazardous materials, but special precautions may need to be employed when working in certain areas.
- Any special precautions would be reviewed at the tailboard prior to the start of work in an area with known potential for contamination (e.g. lead awareness).
- Unanticipated hazards could also be discovered during construction and Project personnel should observe soil and groundwater for indications of potential contamination including:
 - odor, stain or discoloration,
 - turbidity, floating or suspended solids, and
 - visible sheen.



Known and Unanticipated Hazardous Materials

If transite pipe (i.e., asbestos-cement or AC pipe) is encountered, all work must stop and SDG&E must be notified immediately.

- If contaminated soil or groundwater is suspected:
 - Stop work
 - Notify the onsite SDG&E Representative or the LEI
 - Follow steps outlined Soil and Dewatering Management Plan (as applicable)
 - Resume work only when approved by SDG&E
- If contaminated soil, groundwater, or hazardous material is confirmed present, SDG&E will involve qualified contractors to remove and/or remediate the material prior to resuming work in the area as needed.
- In the event Project personnel become exposed to hazardous materials during excavation activities, proper decontamination procedures will be provided (e.g., eye flush or hand washing).
- Contact local emergency services (i.e., dial 911) if you need immediate medical treatment.

Construction-Related Hazardous Materials

- Hazardous materials include new and used vehicle/equipment maintenance chemicals, compressed gases, paint, pesticides, and other materials with a Safety Data Sheet.
- Universal waste (e.g. aerosol cans, batteries, light tubes and bulbs, and electronics) is also considered hazardous material.
- The use of hazardous materials and wastes are subject to special management and disposal requirements.
- Follow the Soil and Dewatering Management Plan, SWPPP, and Project Health and Safety Plan.
- Wear appropriate PPE when handling hazardous materials.
- Refer to Safety Data Sheets for hazardous materials as needed for management procedures.

Hazardous Materials Management

The Five Principles:

1. Labeling

All hazardous materials and waste must be properly labeled.

2. Inspection

Inspect stored materials regularly.

3. Condition

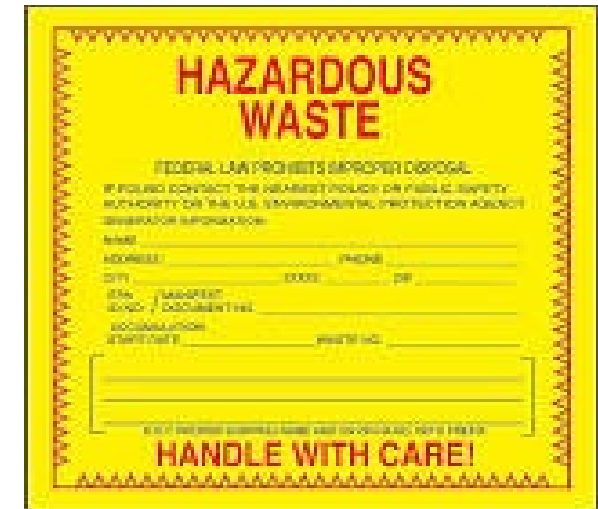
Containers must be kept closed when not in use and in good condition with no cracks or signs of corrosion.

4. Compatible

Containers must be compatible with stored materials and with materials stored nearby.

5. Storage

Hazardous materials and wastes should be stored in designated areas that are properly SIGNED and SECURED with adequate aisle space, posted emergency phone numbers and in a manner that prevents or minimizes the potential for leaks, drips, spills, and ruptures (as required).



General Spill Prevention Measures

- Follow manufacturers' recommendations on use, storage, and disposal of chemical products.
- Use absorbent pads or drip pans when fueling to contain and capture any spilled fuel.
- Inspect construction vehicles/equipment daily for leaks and other potential hazards, and immediately repair or remove.
- Perform fueling and maintenance offsite, or within designated areas with BMPs to prevent inadvertent releases to the ground, when feasible.
- Maintain spill kits (e.g. container, gloves, shovel, and absorbent pads) in readily accessible locations.

Spill & Release Response and Reporting

- If a release does occur, effective and prompt response will help reduce the potential for hazardous materials to threaten human health and the environment.
- If it is safe to do so, stop the release and prevent further dispersal.
- Notify the SDG&E field representative and/or LEI.
- Project personnel will work together to determine next steps to properly contain, cleanup, store, and dispose of the release.
- The field representative or LEI will contact the SDG&E Environmental Compliance Lead (ECL) and the SDG&E Hazardous Materials Specialist (HMS) as needed to notify them of the release.
- In the event you feel your safety or the safety of others is threatened by the release, **call 911.**

Soil & Dewatering Management Plan

- Potentially hazardous contaminated soil and/or groundwater could be encountered during construction
- Construction contractors will be responsible for continuous monitoring during excavation activities to document the presence of groundwater and for preliminary screening for indications of contamination.
 - Following identification of groundwater within an excavation or trench, the construction contractor will immediately notify the ECL or LEI to evaluate the groundwater for indications of contamination prior to extraction/dewatering
- If potentially contaminated material is encountered, work will be stopped in that area
- Any known or suspected contaminated material will need to be sampled, tested, and monitored
- If soil/groundwater is found to be contaminated, it will be handled, stored, transported, and disposed of following protocols outlined in the Soil & Dewatering Management Plan (available on-site)

Waste Management and Recycling



CONSTRUCTION WASTE & RECYCLING

- Construction and Demolition (C&D) Debris must be diverted from landfilling.
- C&D Debris means “waste building materials, packaging and rubble resulting from construction ... and/or demolition”
- Mixed debris can only be recycled at a Certified Mixed C&D Recycling Facility.



CONSTRUCTION DIVERSION REQUIREMENTS

- At least 90 % of inert C&D Debris must be recycled, reused or otherwise diverted from landfilling:
 - Asphalt, concrete, dirt, rock, sand, brick, masonry, asphalt, tile
- At least 70% of other non-hazardous C&D Debris must be recycled, reused or otherwise diverted from landfilling:
 - Cabinets, doors, fixtures, windows, cardboard, wood, metal, carpet, padding, ceiling tile, drywall, brush, trees, stumps, roofing material and other non-inert non-hazardous debris.



WASTE RECYCLING COMPLIANCE

Contractor is responsible for:

- Daily logging of all C&D Debris shipments leaving the Project.
- Obtaining and retaining weight receipts from all recycling and disposal facilities and reuse locations.
- Daily logging shall use the Project's Construction and Demolition Debris Register.
- Register updates and receipts must be provided to LEI weekly.
- LEI will perform QA review of the Register prior to submittal to CPUC.

Preliminary Construction and Demolition Debris Register

	Material Type	Recycle	Salvage or Onsite Reuse	Dispose	Handling Procedure and Proposed Facilities
Inerts	Asphalt/Concrete	3,629 Tons			Hanson Aggregates, Lakeside, CA. Ennis Inc., Lakeside, CA. RAMCO, Escondido, CA. Roll-Off Bin or Dump
	Brick/Masonry/Tile	162 Tons			Hanson Aggregates, Lakeside, CA. Ennis Inc., Lakeside, CA. RAMCO, Escondido, CA. Roll-Off Bin or Dump
	Earth (soils) ¹	33,956 Tons	51,082 Tons	3,773 Tons	Hanson Aggregates, Miramar, CA. Ennis Inc., Lakeside, CA. Dump Truck
	Total Inert Tonnage Estimate and Percentage of Total	37,738 Tons – 40.8%	51,082 Tons – 55.2%	3,773 Tons – 4%	

Other Materials	Conductor Cable	185 Tons			Wilson Metal Exchange, Spring Valley, CA. Roll-Off Bin
	Insulators			36 Tons	EDCO, La Mesa, CA. Roll-Off Bin or Dumpster
	Batteries ²		1 Ton		SDG&E or Clean Earth Recycling, Hayward, CA
	Landscaping & Vegetation	6 Tons			Inland Pacific Resource Recovery, Lakeside, CA. Miramar Greenery, San Diego, CA. Roll-Off Bin or Dump
	Unpainted Wood & Pallets	9 Tons			Miramar Greenery, San Diego, CA. Roll-Off Bin
	Scrap metal ³	9 Tons			Permitted Facility TBD. Roll-Off Bin
	Plastic (Conduit)			.5 Ton	EDCO, La Mesa, CA. Roll-Off Bin or Dumpster
	Garbage/Trash ⁴			1 Ton	EDCO, La Mesa, CA. Roll-Off Bin or Dumpster
	Total Other Materials Tonnage Estimate and Percentage of Total	209 Tons – 86.5%	1 Ton – .4%	31.5 Tons – 13.1%	

	Tons	Percentage	Minimum Requirement ⁵	Project in Compliance?
Total Estimated Inert Recycling/Salvage and Reuse	88,820	96%	90%	Yes
Total Estimated Inert Disposal	3,773	4%		N/A
Total Estimated Other Materials Recycling/Salvage and Reuse	210	86.9%	70%	Yes
Total Estimated Other Materials Disposal	31.5	13.1%		N/A

Compliance Incidents



Non-Compliance Incidents

Defined as a deviation or non-compliance with a mitigation measure, permit condition, regulation or other Project requirement.

- Examples:

- One-time use of an unapproved, pre-existing access road
- Failure to properly maintain an erosion or sediment control structure
 - the structure remains functional.
 - Or it results in minor runoff that does not impact a sensitive resource or work or staging of materials outside of approved work limits where the incident is within a previously disturbed area, such as a gravel lot.
- Construction activities occurring within an exclusion zone with indirect impacts to sensitive species or significant cultural or paleontological resources that can be rectified or halted before causing permanent damage.
- Irreparable damage to archaeological sites, destruction of active bird nests, and grading of unapproved vegetated areas.



Unapproved parking/turnaround area off of approved project access road.

Non-Compliance Incidents – Levels

Minor Deviation



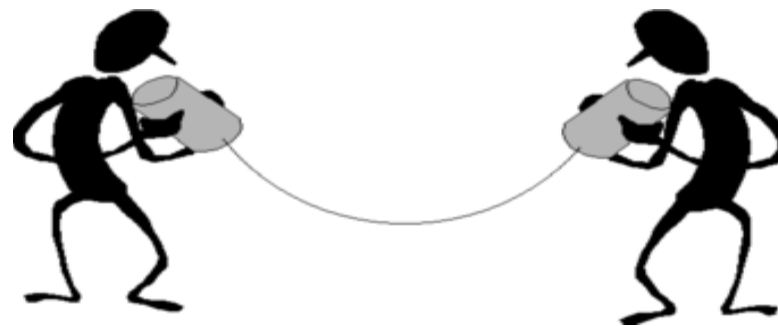
Noncompliance

1. Stay within the Lines;
2. If it's broken; Fix It!
3. If you don't know; Ask!



Incident Reporting

- Report ALL non-compliance incidents to the LEI, Environmental Monitor, or Field Construction Advisor.
- SDG&E must report all Non-compliance incidents to the CPUC immediately.
- SDG&E's and CPUC's most important responsibility is maintaining safe working conditions and protecting the public, including workers from exposure to hazards related to the Project.



Public & Press Communication



- SDG&E is also responsible for tracking and handling public complaints.
- If approached by a member of the public or press:
 - Act cordially but refrain from answering questions about the Project.
 - Do not make any statements on behalf of SDG&E.
 - Direct inquiries to:
 - SDG&E LEI, Brent Santibanez: (760) 594-2434
 - SDG&E Regional Public Affairs Manager, Todd Voorhees: (619) 756-3578
 - SDG&E's Project Hotline: 1-844-765-6388

DO NOT POST PROJECT PHOTOS OR INFORMATION ON SOCIAL MEDIA SITES!



Has Everyone Signed In?

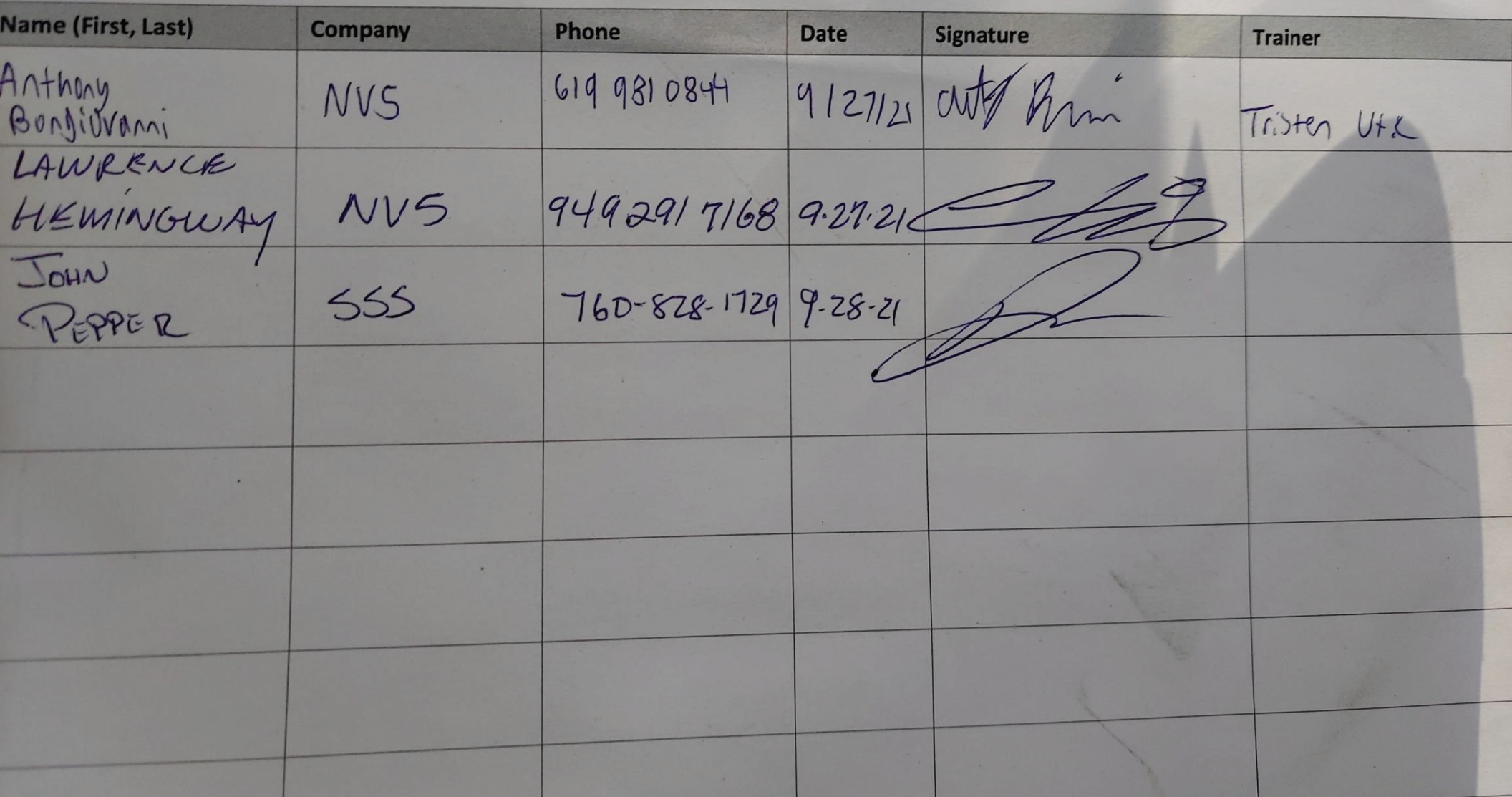
- Ensure you have acknowledged your presence at this Virtual Training so that SDG&E can log your attendance and add your name to the training log. If you are sharing a computer or phone, make sure to send a list of attendees to Emily Critchfield (ecritchfield@kpenvironmental.com).
- Hardhat decals will be distributed onsite; anyone not accounted for now will be required to take the WEAP training again.
- All individuals performing work on the Project are required to receive WEAP Training.
- If someone new joins your crew, have them coordinate with the SDG&E LEI to obtain the training prior to starting work.

**ARE THERE ANY
QUESTIONS?**

Appendix B

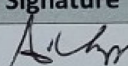
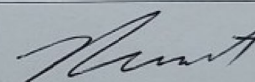
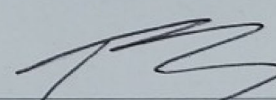
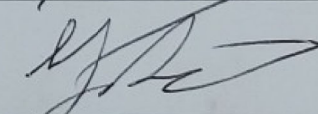
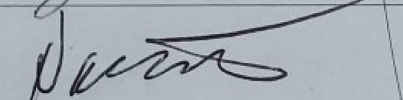
Worker Environmental Awareness Program Sign-in Sheets

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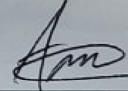
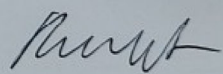
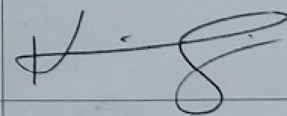
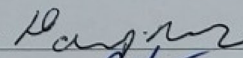
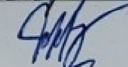
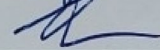
TL6975 WORKER ENVIRONMENTAL AWARENESS PROGRAM (WEAP) TRAINING LOG

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Name (First, Last)	Company	Phone	Date	Signature	Trainer
A. LeChappe	fed tail	619 455 5195	9/14/21		
ROBERTO PERIA	ICON	888-254-4604	9/14/21		
Jorge & Nuno Pacheco	ICON	619-598-6508	9-14-21	Jorge N	
Jorge Nuno	ICON	619-484-6590	9-14-21	Jorge Nuno	
Tony Prieto	ICON	(760) 703-1389	9/14/21		
Shayne Brasser	ICON	619 249-2472	9/14/21		
Nathan Wilson	8EO	619 517-8944	9-14-21		

TL6975 WORKER ENVIRONMENTAL AWARENESS PROGRAM (WEAP) TRAINING LOG

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Name (First, Last)	Company	Phone	Date	Signature	Trainer
David Monroe	Geo Pacific	619-654-9163	9-14-21		Tristen
DANE FREUND	Geo Pacific	619-719-2297	9-14-21		
Angel Chavez	AIF	442 271 1520	9-14-21		
Ricardo Zepeda	AIP	951-665-0446	9-14-21		
Katherine Sinsky	ICF	760-207-4242	9/14/21		"
DOUG MAHER	ICON	619-933-3947	9-14-21		
JOS MARTINEZ	Geo	619-928-8773	9-15-21		
TERRY PALMER	Geo	619-329-3619	9-15-21		

[illegible]

TL6975 WORKER ENVIRONMENTAL AWARENESS PROGRAM (WEAP) TRAINING LOG

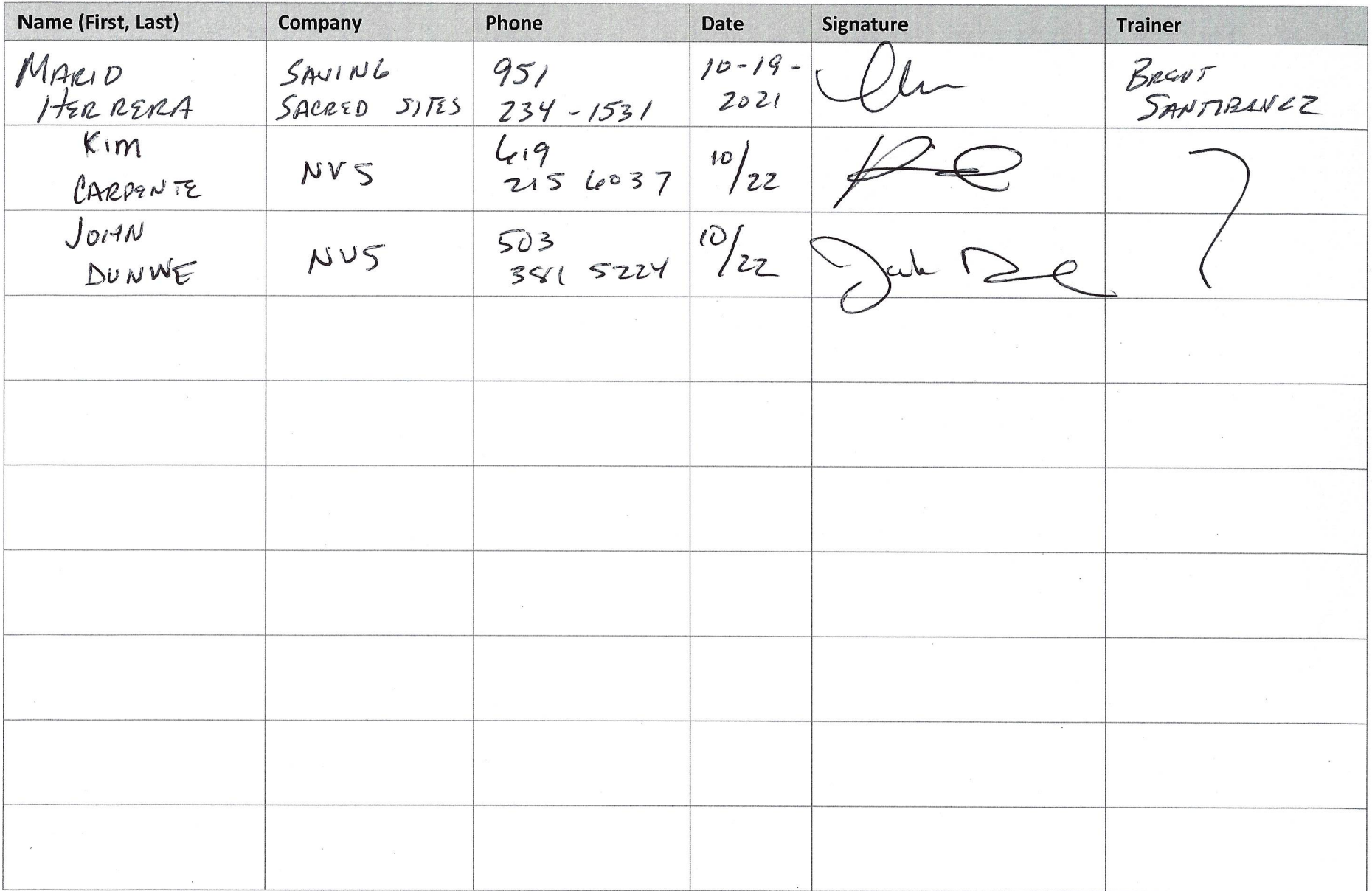
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[illegible]

[illegible]






[illegible]

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TL6975 WORKER ENVIRONMENTAL AWARENESS PROGRAM (WEAP) TRAINING LOG


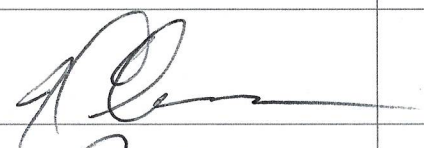



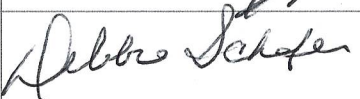

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Name (First, Last)	Company	Phone	Date	Signature	Trainer
Brenden Klein	KPE	916-673-8830	10/27		BRENT SANTIBANEZ
Samirai Frayne	Patriot	915 478 6205	10/27		
Brad Riney	SDNMMuseum Pater munita	619-889 6932	10/27/21		
John Fleming	Patriot	619 772 1275	10-27-21		

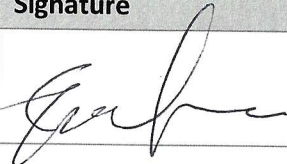


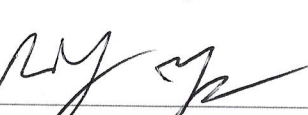

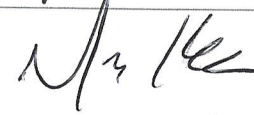
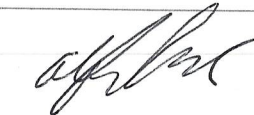


A Sempra Energy utility

Name (First, Last)	Company	Phone	Date	Signature	Trainer
KRIS WITHOLT	GEO	619 922 3515	11/2/21		BRENT SANTIBANES 2
Darryll Pina	SDGE	619 937-1502	11/2/21		
Kremensky, Burk	PRP	760 505 2271	11/2/21		
Rick Moore	AVIVV	609-439-1407	11/3/21		
Ramon Espinoza	FUSE	(619) 760-4233	11/3/21		
Edgar Bernal	FUSE	(619) 541-5542	11-3-21		
Alex Trujillo	Suffolk	858-209-4068	11/3/21		
Robby LIAGA	FUSE	760 331 8172	11/2/21		
DOMENIC GUZZI	FUSE	619-209 9579	11-3-21		
LARRY COURNOYER	H&M	(619) 577-3424	11/3/21		

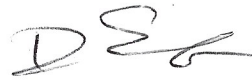
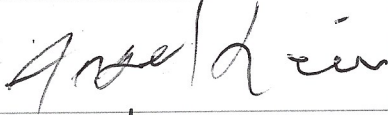
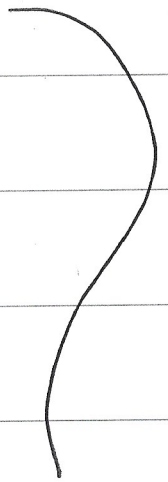

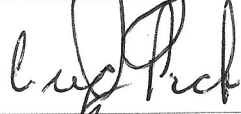
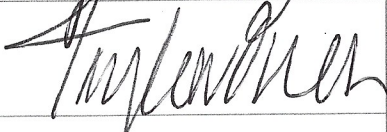

Name (First, Last)	Company	Phone	Date	Signature	Trainer
KURTIS, Yem	ICON	661-549-5878	11-3-2021		BRENT SANTIBANEZ
CLEMONS, JEFF	SDGE	858/243-5611	"		
JON HOWARD	SDGE	619-843-0735	"		
David Kekey	SDGE - Contractor (ATI)	760 705 0385	11/3/21		
Debbie Schafer	SDGE	858-880-8523	11-3-21		
Louie Nunez	KPE	619-254-2823	11/3/21		

Name (First, Last)	Company	Phone	Date	Signature	Trainer
BRENNAN MULROONEY	ESA	305 849 2762	11/3/21		D. Schafer
Miranda Rodriguez	ESA	(805) 377-6380	11/3/21		MIRANDA D. Schafer
MIKE VADER	ESA	619-241- 9230	11/3/21		D. SCHAFFER
Joel Aspeytia	ESA	760-277-1236	11/3/21		D. Schafer
Todd VOORHEES	SDGE	619) 756-3578	3/22/21		D. SCHAFFER
David Kekey	SDGE Contractor (ATI)	760 705 0385	11/3/21		
SARA DIETLER	ESA		11/3/21	VIA TEAMS MTL	D. SCHAFFER
JD STEWART	ESA		11/3/21	VIA TEAMS MTL	D. SCHAFFER
MATHESON LOWE	ESA		11/3/21	VIA TEAMS MTL	D. SCHAFFER

Name (First, Last)	Company	Phone	Date	Signature	Trainer
GABRIEL LAM	NVS	7609460879	11/12/21		BRENT SANTIBANEZ
Zachary Ortega	NVS	9512968651	11/12/21	)
COLE A. HEDRICK	PATRIOT	(619) 403-8952	11/12/21		BRENT SANTIBANEZ
Rich Madrigal	Patriot	617 616 6484	11/12/21	)
Jim BYRNE	PATRIOT	(858) 616-2725	11/12/21		
Miguel MOUTSOS	KPE	(660) 815-6708	11/12/21		
ALFREDO FEDERICO	PATRIOT	760-421-8924	11-12-21		

TL6975 WORKER ENVIRONMENTAL AWARENESS PROGRAM (WEAP) TRAINING LOG

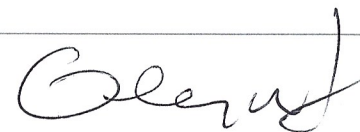

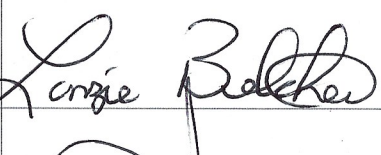
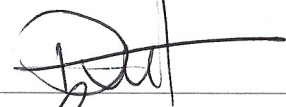
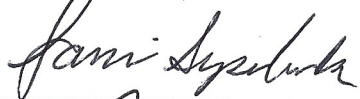
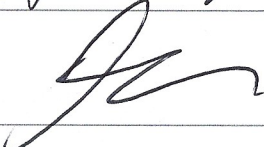
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Name (First, Last)	Company	Phone	Date	Signature	Trainer
Dionicio Segura	Davey	760-638-7185	12/6/2021		BRENT SANTIBANEZ
Angel Leon	"	760-897-2508	12-06/21		
Jimmy Graves	Patriot	951-692-8260	12-06-21		
Greg Peck	SDGE	619 405-8120	12-6-21		
Taylor Owen	patriot	(486) 609-6049	12/6/21		
OSCAR PEÑA	Davey	(442) 226-1210	12/06/21		

Name (First, Last)	Company	Phone	Date	Signature	Trainer
			12/16/21		BRENT SANTIBANEZ
Kelsey DIX	ICF	SDG 833 2312	12/16/21	<i>KDix</i>	Kelsey DIX
Wante Lu	TGE	858-414-0996	12/16/21	<i>W</i>	
Cameron Higman	TGE	(760)877-3337	12/16/21	<i>C Higman</i>	
Shelly Nelson	Sunny Sacred SIFCS	760 501.9563	12/16/21	<i>Shelly N</i>	


TL6975 WORKER ENVIRONMENTAL AWARENESS PROGRAM (WEAP) TRAINING LOG

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Name (First, Last)	Company	Phone	Date	Signature	Trainer
			1-3-22		BRAUNT SANTIBANEZ
Alex LIZARRAGA	CO'S	(619) 751-1698	1-3-22		
Gerson Alatorre	CO'S	(619) 208-2044	1-3-22		
Lonsie Belcher	CO'S	(619) 201-0841	1-3-22		" " "
Jorge Duarte	CO'S	(940) 210-5571	1-3-22		" " "
Tania Sepulveda	CO'S	(619) 348-0206	1-3-22		" "
Jose Vaz	CO'S	(619) 948-7825	1-3-22		





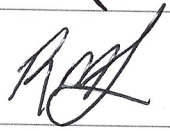


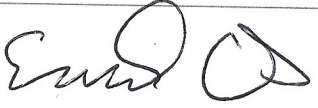
TL6975 WORKER ENVIRONMENTAL AWARENESS PROGRAM (WEAP) TRAINING LOG

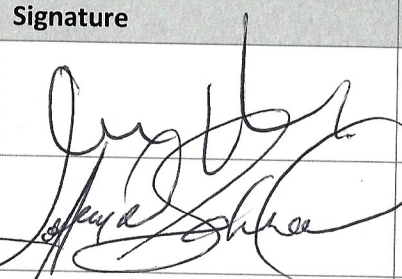
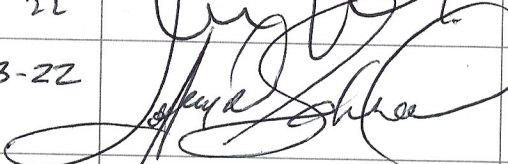

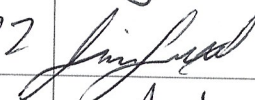


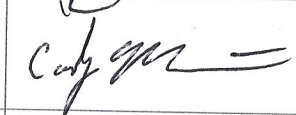

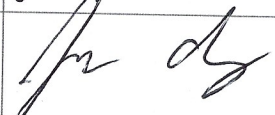

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Name (First, Last)	Company	Phone	Date	Signature	Trainer
Ignacio Gastello	CO'S	(619) 751-9404	1/31/2022		11 11
JUAN M. MACIAS	CO'S	(619) 677-7128	1/3/2022	J. MANUEL MACIAS	11 11

TL6975 WORKER ENVIRONMENTAL AWARENESS PROGRAM (WEAP) TRAINING LOG

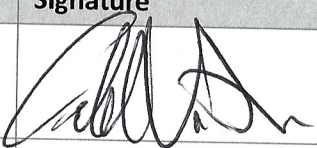



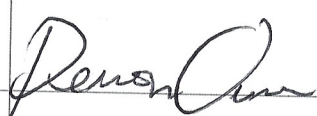



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Name (First, Last)	Company	Phone	Date	Signature	Trainer
LAUREN DOWNS	ICF	619-213-7747	1/3/22		BRENT / DEBBIE SANTIBANIZ
DERAICIL MANN	NV5	909-557-8027	1/3/22		
CHRIS VAREZE	NV5	951 845 5411	1/3/22		
RICHARD LUNDBERG	NV5	760-522-8280	1/3/22		
STEPHEN CARDWELL	NV5	619-820-5414	1/3/22		
ANDREW KINCAID	SOBTE	213-748-8331	1/3/22		
ERIC OLMO	Chambers	949-292-3744	1/3/22		

Name (First, Last)	Company	Phone	Date	Signature	Trainer
Aaron Powers	H + M	909 282 - 2651	03 JAN 22		BRENT SANTIBANEZ DEBBIE SCHAFER
Jeff SCHENKEL	H + M	309 275 4620	1-3-22		
Roy Crimmerson	H + M	619 328 6926	1/3/22		
Jim Little	H + M	417 335 1907	1/3/22		
JOHN HOWARD	SDGE	619-843-0735	1-3-22		
HEATH HAWKLAND	SDGE	480 825 3980	01 03 22		
Cody Morrison	H + M	863-651-8449	1-3-22		
Andre Graham	H + M	316-308-3539	1-3-22		
JAMES AWAREZ	H + M	760-460-1112	1/3/22		
CODY SCHENKEL	H + M	309 846 2122	1/3/22		



A Serrano Energy utility

Name (First, Last)	Company	Phone	Date	Signature	Trainer
Calib VanDorn	H+M	(760) 638-9861	1/3/22		BRENT SANTIBANEZ DEBBIE SCHAFER
RAUL ESPINO X2	H+M	623-680-4993	1-3-22		
MATT BROWN	H+M	619-206-8443	1-3-22		
Devon Owens	H+M	760-638-9861	1-3-22		
Logan Woodward	H+M	86-301-0097	1-3-22		
Matthew Mahon	H+M	(619) 730-9265 760	1/3/22		
Burke Kremensky	PRP	(760) 505-7271	1-3-22		

Appendix C

ESA Monitoring Logs

CPUC Site Inspection Form

Project Name

San Marcos to Escondido TL 6975 69kV Project

Project Proponent

San Diego Gas & Electric

Lead Agency

California Public Utilities Commission

CPUC PM

Trevor Pratt, Energy Division

CPUC CM (ESA)

Dave Davis

Date

September 30, 2021

Report #

2021-1

AM/PM

AM

Monitor(s)

Florence Chan, Jaclyn Catino-Davenport

Weather (temp (F), % cloud cover, wind speed & direction, general conditions)

75 F, 0% CC, 2 mi/hr out of the West, clear

Start/End Time

0900/1145

DESCRIPTION OF OBSERVED ACTIVITIES (i.e., mitigation measures of particular focus or concern, construction activity, any discussions with first-party monitors or construction crews)

No construction activities scheduled for today.

MITIGATION MEASURES VERIFIED (Report only on MMs pertinent to your observations today.)

APM BIO-5- flagging and boundaries installed around sensitive resources and habitats.

RECOMMENDED FOLLOW-UP (i.e., items to check on next visit, minor issues to resolve)

N/A

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance on-site, environmental observations of note)

N/A

COMPLIANCE SUMMARY Check all applicable boxes below to indicate new conditions or issues that have occurred since your last visit. Note this information on the monitoring datasheet and document with photographs.

☐ New biological or cultural discovery requiring compliance with mitigation measures, permit conditions, etc.

☐ Potential minor deviation(s) observed. Documented minor deviation(s) and potential for environmental resources to be impacted if not expeditiously corrected and would become a non-compliance incident.

☐ Potential non-compliance(s) observed. Documented non-compliance(s) and results of impacts to resources.

☐ New minor deviation issue reported by SDG&E monitors since your last visit. Describe minor deviation and resolution under "Compliance Suggestions or Additional Observations" (above) and include SDG&E report identification number.

☐ New non-compliance issues reported by SDG&E monitors since your last visit. Describe issues and resolution under "compliance suggestions or additional observations" (above) and include SDG&E report identification number.

PREVIOUS NON-COMPLIANCE ITEMS REQUIRING FOLLOW-UP OR RESOLVED TODAY:

N/A

1. WEAP Training

a) Has worker environmental awareness training been completed by all new hires (construction and monitors)?

Yes

b) Are training logs maintained to demonstrate completion of training for new hires?

Yes

2. Erosion and Dust Control (Air and Water Quality)

a) Have temporary erosion and sediment control measures been installed?

Yes

b) Are erosion and sediment control measures properly installed and functioning?

Yes

c) Is mud tracked onto paved public roadways cleaned up in accordance with the Project's SWPPP?

No

d) Is dust control being implemented (i.e., access roads watered, haul trucks covered, streets cleaned on a regular basis)?

NA

e) Are work areas being effectively watered prior to excavation or grading?

NA

f) Is excessive fugitive dust leaving the work area?

NA

3. Equipment

a) Are all vehicles/equipment observed arriving onsite clean of sediment or plant debris?

NA

b) Are all vehicles observed maintaining a speed limit of 15 mph on unpaved roads?

NA

c) Are vehicles/equipment turned off when not in use?

NA

4. Work Areas

a) Is exclusionary fencing or flagging in place to protect sensitive biological, cultural, or tribal cultural resources?

Yes

b) Are vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?

NA

c) Are all excavations and trenches covered at the end of the day?

NA

d) Appropriate signage, flaggers, etc., in place for work in public roadways?

NA

5. Biology

a) Have preconstruction surveys been completed for biological (coastal California gnatcatcher, migratory birds, raptors, rare plants) resources as appropriate?

NA

b) Are biological monitors present onsite?

Yes

c) Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted, cylindrical buffers [helicopter use])?

Yes

d) Have wildlife been relocated from work areas?

NA

e) Have impacts occurred to adjacent habitat (sensitive or non-sensitive)?

NA

f) Were any threatened or endangered species observed? If yes, list observations below:

NA

g) Are there wetlands or water bodies present near construction activities?

NA

h) Have there been any work stoppages for biological resources?

NA

6. Cultural, Tribal Cultural, and Paleontological Resources

a) Where cultural/paleo resources are to be avoided, are they appropriately marked for exclusion in work areas?

NA

b) Were archaeological, Native American, and paleontological monitors needed onsite based on project activities?

NA

c) Were archaeological, Native American, and paleontological monitors onsite?

NA

d) Are appropriate buffers maintained around sensitive resources (e.g. cultural sites)?

NA

e) Have there been any work stoppages for cultural/paleo resources?

NA

7. Hazardous Materials/Wildfire

a) Are hazardous materials stored appropriately?

NA

b) Are procedures in place to prevent spills and accidental releases?

NA

c) Are appropriate fire prevention and control measures in place?

Yes

d) Is contaminated soil properly handled or disposed of, if applicable?

NA

8. Work Hours and Noise

a) Were night lighting reduction measures needed based on project activities?

NA

b) Were night lighting reduction measures in place?

NA

c) Is construction occurring within approved hours?

NA

d) Are variances and public notification procedures in place, inc. parking on paved/graveled/cleared areas?

NA

e) Were noise control measures needed based on project activities?

NA

f) If yes above, were noise control measures in place within 100 feet of sensitive receptors including notification of residences?

NA

9. Parks/Recreation Areas

a) Signs posted indicating alternative access and parking?

NA

b) AREAS MONITORED (i.e., structure numbers, yards, or substations)

Rock Springs Staging Yard. Segment 2.

Representative Site Photos

Site Photo 1



Site Photo 1 Notes

Rock Spring staging yard. BMPs installed around perimeter of yard. Vegetation will be removed to expand the yard.

Site Photo 2



Site Photo 2 Notes

Rock Springs staging yard with work trailers.

Site Photo 3



Site Photo 3 Notes

Rock Springs staging yard. Sensitive oak trees roped off with flagging and t-posts.

Site Photo 4



Site Photo 4 Notes

Rock Springs Staging Yard. Rumble strips installed at entrance gate.

Site Photo 5



Site Photo 5 Notes

Segment 2, Location 55. Project staking and flagging delineating work limits around pole.

Completed By:

Florence Chan

Date

September 30, 2021

Reviewed By:

Matt Fagundes

Date:

October 5, 2021

CPUC Site Inspection Form

Project Name

San Marcos to Escondido TL 6975 69kV Project

Project Proponent

San Diego Gas & Electric

Lead Agency

California Public Utilities Commission

CPUC PM

Trevor Pratt, Energy Division

CPUC CM (ESA)

Dave Davis

Date

October 14, 2021

Report #

2021-2

AM/PM

AM

Monitor(s)

Florence Chan

Weather (temp (F), % cloud cover, wind speed & direction, general conditions)

45, 0%, 2, E

Start/End Time

0700/0900

DESCRIPTION OF OBSERVED ACTIVITIES (i.e., mitigation measures of particular focus or concern, construction activity, any discussions with first-party monitors or construction crews)

NV5 staking crew will be staking Escondido Yard limits and along segment 3 tower 74 area.

MITIGATION MEASURES VERIFIED (Report only on MMs pertinent to your observations today.)

APM BIO-1, APM BIO-5, and APM BIO-9

RECOMMENDED FOLLOW-UP (i.e., items to check on next visit, minor issues to resolve)

NA

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance on-site, environmental observations of note)

NA

COMPLIANCE SUMMARY Check all applicable boxes below to indicate new conditions or issues that have occurred since your last visit. Note this information on the monitoring datasheet and document with photographs.

☐ New biological or cultural discovery requiring compliance with mitigation measures, permit conditions, etc.

☐ Potential minor deviation(s) observed. Documented minor deviation(s) and potential for environmental resources to be impacted if not expeditiously corrected and would become a non-compliance incident.

☐ Potential non-compliance(s) observed. Documented non-compliance(s) and results of impacts to resources.

☐ New minor deviation issue reported by SDG&E monitors since your last visit. Describe minor deviation and resolution under "Compliance Suggestions or Additional Observations" (above) and include SDG&E report identification number.

☐ New non-compliance issues reported by SDG&E monitors since your last visit. Describe issues and resolution under "compliance suggestions or additional observations" (above) and include SDG&E report identification number.

PREVIOUS NON-COMPLIANCE ITEMS REQUIRING FOLLOW-UP OR RESOLVED TODAY:

N/A

1. WEAP Training

a) Has worker environmental awareness training been completed by all new hires (construction and monitors)?

Yes

b) Are training logs maintained to demonstrate completion of training for new hires?

Yes

2. Erosion and Dust Control (Air and Water Quality)

a) Have temporary erosion and sediment control measures been installed?

Yes

b) Are erosion and sediment control measures properly installed and functioning?

Yes

c) Is mud tracked onto paved public roadways cleaned up in accordance with the Project's SWPPP?

No

d) Is dust control being implemented (i.e., access roads watered, haul trucks covered, streets cleaned on a regular basis)?

NA

e) Are work areas being effectively watered prior to excavation or grading?

NA

f) Is excessive fugitive dust leaving the work area?

No

3. Equipment

a) Are all vehicles/equipment observed arriving onsite clean of sediment or plant debris?

Yes

b) Are all vehicles observed maintaining a speed limit of 15 mph on unpaved roads?

NA

c) Are vehicles/equipment turned off when not in use?

NA

4. Work Areas

a) Is exclusionary fencing or flagging in place to protect sensitive biological, cultural, or tribal cultural resources?

Yes

b) Are vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?

Yes

c) Are all excavations and trenches covered at the end of the day?

NA

d) Appropriate signage, flaggers, etc., in place for work in public roadways?

NA

5. Biology

a) Have preconstruction surveys been completed for biological (coastal California gnatcatcher, migratory birds, raptors, rare plants) resources as appropriate?

NA

b) Are biological monitors present onsite?

No

c) Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted, cylindrical buffers [helicopter use])?

Yes

d) Have wildlife been relocated from work areas?

NA

e) Have impacts occurred to adjacent habitat (sensitive or non-sensitive)?

No

f) Were any threatened or endangered species observed? If yes, list observations below:

No

g) Are there wetlands or water bodies present near construction activities?

No

h) Have there been any work stoppages for biological resources?

No

6. Cultural, Tribal Cultural, and Paleontological Resources

a) Where cultural/paleo resources are to be avoided, are they appropriately marked for exclusion in work areas?

NA

b) Were archaeological, Native American, and paleontological monitors needed onsite based on project activities?

Yes

c) Were archaeological, Native American, and paleontological monitors onsite?

Yes

d) Are appropriate buffers maintained around sensitive resources (e.g. cultural sites)?

NA

e) Have there been any work stoppages for cultural/paleo resources?

NA

7. Hazardous Materials/Wildfire

a) Are hazardous materials stored appropriately?

Yes

b) Are procedures in place to prevent spills and accidental releases?

Yes

c) Are appropriate fire prevention and control measures in place?

Yes

d) Is contaminated soil properly handled or disposed of, if applicable?

NA

8. Work Hours and Noise

a) Were night lighting reduction measures needed based on project activities?

NA

b) Were night lighting reduction measures in place?

NA

c) Is construction occurring within approved hours?

Yes

d) Are variances and public notification procedures in place, inc. parking on paved/graveled/cleared areas?

NA

e) Were noise control measures needed based on project activities?

No

f) If yes above, were noise control measures in place within 100 feet of sensitive receptors including notification of residences?

No

9. Parks/Recreation Areas

a) Signs posted indicating alternative access and parking?

NA

b) AREAS MONITORED (i.e., structure numbers, yards, or substations)

Rock Springs staging yard. Segment 3, towers 107-108, 101-102.

Representative Site Photos

Site Photo 1



Site Photo 1 Notes

Rock Springs Yard. Coast live oak trees fenced and protected from impacts. BMPs around perimeter of yard intact and functioning.

Site Photo 2



Site Photo 2 Notes

Rock Springs Yard. Preparations for the yard are complete.

Site Photo 3



Site Photo 3 Notes

Rock Springs Staging Yard. Entrance with gravel and rumble strips deployed.

Site Photo 4



Site Photo 4 Notes

SDG&E operations and maintenance crew conducting

Site Photo 5



Site Photo 5 Notes

Segment 3, tower 108. Staked construction limits around tower.

Site Photo 6



Site Photo 6 Notes

Segment 3, tower 107. Stake construction limits around tower.

Completed By:

Florence Chan

Date

October 14, 2021

Reviewed By:

David D. Davis

Date

1/4/2022

CPUC Site Inspection Form

Project Name

San Marcos to Escondido TL 6975 69kV Project

Project Proponent

San Diego Gas & Electric

Lead Agency

California Public Utilities Commission

CPUC PM

Trevor Pratt, Energy Division

CPUC CM (ESA)

Dave Davis

Date

October 28, 2021

Report #

2021-3

AM/PM

AM

Monitor(s)

Florence Chan

Weather (temp (F), % cloud cover, wind speed & direction, general conditions)

57/SE/2mph/Clear

Start/End Time

755/955

DESCRIPTION OF OBSERVED ACTIVITIES (i.e., mitigation measures of particular focus or concern, construction activity, any discussions with first-party monitors or construction crews)

No construction activities scheduled for today.

MITIGATION MEASURES VERIFIED (Report only on MMs pertinent to your observations today.)

BIO-5, MM WIL-1.

RECOMMENDED FOLLOW-UP (i.e., items to check on next visit, minor issues to resolve)

N/A

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance on-site, environmental observations of note)

COMPLIANCE SUMMARY Check all applicable boxes below to indicate new conditions or issues that have occurred since your last visit. Note this information on the monitoring datasheet and document with photographs.

☐ New biological or cultural discovery requiring compliance with mitigation measures, permit conditions, etc.

☐ Potential minor deviation(s) observed. Documented minor deviation(s) and potential for environmental resources to be impacted if not expeditiously corrected and would become a non-compliance incident.

☐ Potential non-compliance(s) observed. Documented non-compliance(s) and results of impacts to resources.

☐ New minor deviation issue reported by SDG&E monitors since your last visit. Describe minor deviation and resolution under "Compliance Suggestions or Additional Observations" (above) and include SDG&E report identification number.

☐ New non-compliance issues reported by SDG&E monitors since your last visit. Describe issues and resolution under "compliance suggestions or additional observations" (above) and include SDG&E report identification number.

PREVIOUS NON-COMPLIANCE ITEMS REQUIRING FOLLOW-UP OR RESOLVED TODAY:

1. WEAP Training

a) Has worker environmental awareness training been completed by all new hires (construction and monitors)?

Yes

b) Are training logs maintained to demonstrate completion of training for new hires?

Yes

2. Erosion and Dust Control (Air and Water Quality)

a) Have temporary erosion and sediment control measures been installed?

Yes

b) Are erosion and sediment control measures properly installed and functioning?

Yes

c) Is mud tracked onto paved public roadways cleaned up in accordance with the Project's SWPPP?

No

d) Is dust control being implemented (i.e., access roads watered, haul trucks covered, streets cleaned on a regular basis)?

NA

e) Are work areas being effectively watered prior to excavation or grading?

NA

f) Is excessive fugitive dust leaving the work area?

NA

3. Equipment

a) Are all vehicles/equipment observed arriving onsite clean of sediment or plant debris?

NA

b) Are all vehicles observed maintaining a speed limit of 15 mph on unpaved roads?

NA

c) Are vehicles/equipment turned off when not in use?

NA

4. Work Areas

a) Is exclusionary fencing or flagging in place to protect sensitive biological, cultural, or tribal cultural resources?

Yes

b) Are vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?

NA

c) Are all excavations and trenches covered at the end of the day?

NA

d) Appropriate signage, flaggers, etc., in place for work in public roadways?

NA

5. Biology

a) Have preconstruction surveys been completed for biological (coastal California gnatcatcher, migratory birds, raptors, rare plants) resources as appropriate?

NA

b) Are biological monitors present onsite?

NA

c) Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted, cylindrical buffers [helicopter use])?

Yes

d) Have wildlife been relocated from work areas?

NA

e) Have impacts occurred to adjacent habitat (sensitive or non-sensitive)?

No

f) Were any threatened or endangered species observed? If yes, list observations below:

Yes, coastal California gnatcatcher singing near tower 88-89.

g) Are there wetlands or water bodies present near construction activities?

No

h) Have there been any work stoppages for biological resources?

No

6. Cultural, Tribal Cultural, and Paleontological Resources

a) Where cultural/paleo resources are to be avoided, are they appropriately marked for exclusion in work areas?

Yes

b) Were archaeological, Native American, and paleontological monitors needed onsite based on project activities?

No

c) Were archaeological, Native American, and paleontological monitors onsite?

No

d) Are appropriate buffers maintained around sensitive resources (e.g. cultural sites)?

Yes

e) Have there been any work stoppages for cultural/paleo resources?

No

7. Hazardous Materials/Wildfire

a) Are hazardous materials stored appropriately?

NA

b) Are procedures in place to prevent spills and accidental releases?

NA

c) Are appropriate fire prevention and control measures in place?

Yes

d) Is contaminated soil properly handled or disposed of, if applicable?

NA

8. Work Hours and Noise

a) Were night lighting reduction measures needed based on project activities?

NA

b) Were night lighting reduction measures in place?

NA

c) Is construction occurring within approved hours?

NA

d) Are variances and public notification procedures in place, inc. parking on paved/graveled/cleared areas?

NA

e) Were noise control measures needed based on project activities?

No

f) If yes above, were noise control measures in place within 100 feet of sensitive receptors including notification of residences?

NA

9. Parks/Recreation Areas

a) Signs posted indicating alternative access and parking?

NA

b) AREAS MONITORED (i.e., structure numbers, yards, or substations)

Towers 107,108, 85, 86, Snub site, 88,89.

Representative Site Photos

Site Photo 1



Site Photo 1 Notes

Rock Springs Yard. Back/southwestern half of the yard will be graded and base will be laid next week. Looking southwest.

Site Photo 2



Site Photo 2 Notes

Rock Springs Yard. Rumble plates and gravel to minimize track out. Looking northeast.

Site Photo 3



Site Photo 3 Notes

Towers 107-108. Proposed MPR between towers needed for stringing and work space. Looking east toward tower 107.

Site Photo 4



Site Photo 4 Notes

Tower 108. Proposed MPR for expanded work space. Looking west toward tower 108.

Site Photo 5



Site Photo 5 Notes

Tower 107 gate. SDGE gate that was not on maps, MPR requested for access to tower 107.

Site Photo 6



Site Photo 6 Notes

Snub site between towers 85 and 86. MPR request for larger work space. Looking north.

Site Photo 7



Site Photo 7 Notes

Snub site between towers 85 and 86. Likely a San Diego Woodrat nest in proposed work area. Looking northwest.

Site Photo 8



Site Photo 8 Notes

Snub site. High quality CSS. Looking toward tower 85. Looking west toward tower 85.

Site Photo 9



Site Photo 9 Notes

Tower 89. MPR requested for additional trimming around tower. Looking east.

Site Photo 10



Site Photo 10 Notes

Tower 89. Likely a San Diego Woodrat nest next to proposed new work limits. Looking southeast.

Completed By:

Florence Chan

Date

October 28, 2021

Reviewed By:

David D. Davis

Date

January 4, 2022

CPUC Site Inspection Form

Project Name

San Marcos to Escondido TL 6975 69kV Project

Project Proponent

San Diego Gas & Electric

Lead Agency

California Public Utilities Commission

CPUC PM

Trevor Pratt, Energy Division

CPUC CM (ESA)

Dave Davis

Date

October 28, 2021

Report #

2021-4

AM/PM

AM

Monitor(s)

Florence Chan

Weather (temp (F), % cloud cover, wind speed & direction, general conditions)

57/SE/2mph/Clear

Start/End Time

755/955

DESCRIPTION OF OBSERVED ACTIVITIES (i.e., mitigation measures of particular focus or concern, construction activity, any discussions with first-party monitors or construction crews)

No construction activities scheduled for today.

MITIGATION MEASURES VERIFIED (Report only on MMs pertinent to your observations today.)

BIO-5, MM WIL-1.

RECOMMENDED FOLLOW-UP (i.e., items to check on next visit, minor issues to resolve)

N/A

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance on-site, environmental observations of note)

COMPLIANCE SUMMARY Check all applicable boxes below to indicate new conditions or issues that have occurred since your last visit. Note this information on the monitoring datasheet and document with photographs.

☐ New biological or cultural discovery requiring compliance with mitigation measures, permit conditions, etc.

☐ Potential minor deviation(s) observed. Documented minor deviation(s) and potential for environmental resources to be impacted if not expeditiously corrected and would become a non-compliance incident.

☐ Potential non-compliance(s) observed. Documented non-compliance(s) and results of impacts to resources.

☐ New minor deviation issue reported by SDG&E monitors since your last visit. Describe minor deviation and resolution under "Compliance Suggestions or Additional Observations" (above) and include SDG&E report identification number.

☐ New non-compliance issues reported by SDG&E monitors since your last visit. Describe issues and resolution under "compliance suggestions or additional observations" (above) and include SDG&E report identification number.

PREVIOUS NON-COMPLIANCE ITEMS REQUIRING FOLLOW-UP OR RESOLVED TODAY:

1. WEAP Training

a) Has worker environmental awareness training been completed by all new hires (construction and monitors)?

Yes

b) Are training logs maintained to demonstrate completion of training for new hires?

Yes

2. Erosion and Dust Control (Air and Water Quality)

a) Have temporary erosion and sediment control measures been installed?

Yes

b) Are erosion and sediment control measures properly installed and functioning?

Yes

c) Is mud tracked onto paved public roadways cleaned up in accordance with the Project's SWPPP?

No

d) Is dust control being implemented (i.e., access roads watered, haul trucks covered, streets cleaned on a regular basis)?

NA

e) Are work areas being effectively watered prior to excavation or grading?

NA

f) Is excessive fugitive dust leaving the work area?

NA

3. Equipment

a) Are all vehicles/equipment observed arriving onsite clean of sediment or plant debris?

NA

b) Are all vehicles observed maintaining a speed limit of 15 mph on unpaved roads?

NA

c) Are vehicles/equipment turned off when not in use?

NA

4. Work Areas

a) Is exclusionary fencing or flagging in place to protect sensitive biological, cultural, or tribal cultural resources?

Yes

b) Are vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?

NA

c) Are all excavations and trenches covered at the end of the day?

NA

d) Appropriate signage, flaggers, etc., in place for work in public roadways?

NA

5. Biology

a) Have preconstruction surveys been completed for biological (coastal California gnatcatcher, migratory birds, raptors, rare plants) resources as appropriate?

NA

b) Are biological monitors present onsite?

NA

c) Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted, cylindrical buffers [helicopter use])?

Yes

d) Have wildlife been relocated from work areas?

NA

e) Have impacts occurred to adjacent habitat (sensitive or non-sensitive)?

No

f) Were any threatened or endangered species observed? If yes, list observations below:

Yes, coastal California gnatcatcher singing near tower 88-89.

g) Are there wetlands or water bodies present near construction activities?

No

h) Have there been any work stoppages for biological resources?

No

6. Cultural, Tribal Cultural, and Paleontological Resources

a) Where cultural/paleo resources are to be avoided, are they appropriately marked for exclusion in work areas?

Yes

b) Were archaeological, Native American, and paleontological monitors needed onsite based on project activities?

No

c) Were archaeological, Native American, and paleontological monitors onsite?

No

d) Are appropriate buffers maintained around sensitive resources (e.g. cultural sites)?

Yes

e) Have there been any work stoppages for cultural/paleo resources?

No

7. Hazardous Materials/Wildfire

a) Are hazardous materials stored appropriately?

NA

b) Are procedures in place to prevent spills and accidental releases?

NA

c) Are appropriate fire prevention and control measures in place?

Yes

d) Is contaminated soil properly handled or disposed of, if applicable?

NA

8. Work Hours and Noise

a) Were night lighting reduction measures needed based on project activities?

NA

b) Were night lighting reduction measures in place?

NA

c) Is construction occurring within approved hours?

NA

d) Are variances and public notification procedures in place, inc. parking on paved/graveled/cleared areas?

NA

e) Were noise control measures needed based on project activities?

No

f) If yes above, were noise control measures in place within 100 feet of sensitive receptors including notification of residences?

NA

9. Parks/Recreation Areas

a) Signs posted indicating alternative access and parking?

NA

b) AREAS MONITORED (i.e., structure numbers, yards, or substations)

Towers 107,108, 85, 86, Snub site, 88,89.

Representative Site Photos

Site Photo 1



Site Photo 1 Notes

Rock Springs Yard. Back/southwestern half of the yard will be graded and base will be laid next week. Looking southwest.

Site Photo 2



Site Photo 2 Notes

Rock Springs Yard. Rumble plates and gravel to minimize track out. Looking northeast.

Site Photo 3



Site Photo 3 Notes

Towers 107-108. Proposed MPR between towers needed for stringing and work space. Looking east toward tower 107.

Site Photo 4



Site Photo 4 Notes

Tower 108. Proposed MPR for expanded work space. Looking west toward tower 108.

Site Photo 5



Site Photo 5 Notes

Tower 107 gate. SDGE gate that was not on maps, MPR requested for access to tower 107.

Site Photo 6



Site Photo 6 Notes

Snub site between towers 85 and 86. MPR request for larger work space. Looking north.

Site Photo 7



Site Photo 7 Notes

Snub site between towers 85 and 86. Likely a San Diego Woodrat nest in proposed work area. Looking northwest.

Site Photo 8



Site Photo 8 Notes

Snub site. High quality CSS. Looking toward tower 85. Looking west toward tower 85.

Site Photo 9



Site Photo 9 Notes

Tower 89. MPR requested for additional trimming around tower. Looking east.

Site Photo 10



Site Photo 10 Notes

Tower 89. Likely a San Diego Woodrat nest next to proposed new work limits. Looking southeast.

Completed By:

Florence Chan

Date

October 28, 2021

Reviewed By:

David D. Davis

Date

January 4, 2022

CPUC Site Inspection Form

Project Name

San Marcos to Escondido TL 6975 69kV Project

Project Proponent

San Diego Gas & Electric

Lead Agency

California Public Utilities Commission

CPUC PM

Trevor Pratt, Energy Division

CPUC CM (ESA)

Dave Davis

Date

November 18, 2021

Report #

2021-05

AM/PM

AM

Monitor(s)

Florence Chan

Weather (temp (F), % cloud cover, wind speed & direction, general conditions)

51F. Cloudy. 2 mph. SE.

Start/End Time

700/830

DESCRIPTION OF OBSERVED ACTIVITIES (i.e., mitigation measures of particular focus or concern, construction activity, any discussions with first-party monitors or construction crews)

No construction activities today. Checked out MPR #1 and #2 sites that had vegetation trimming occur the past week.

MITIGATION MEASURES VERIFIED (Report only on MMs pertinent to your observations today.)

APM BIO-1, APM Bio-5, and APM BIO-9

RECOMMENDED FOLLOW-UP (i.e., items to check on next visit, minor issues to resolve)

N/A

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance on-site, environmental observations of note)

N/A

COMPLIANCE SUMMARY Check all applicable boxes below to indicate new conditions or issues that have occurred since your last visit. Note this information on the monitoring datasheet and document with photographs.

☐ New biological or cultural discovery requiring compliance with mitigation measures, permit conditions, etc.

☐ Potential minor deviation(s) observed. Documented minor deviation(s) and potential for environmental resources to be impacted if not expeditiously corrected and would become a non-compliance incident.

☐ Potential non-compliance(s) observed. Documented non-compliance(s) and results of impacts to resources.

☐ New minor deviation issue reported by SDG&E monitors since your last visit. Describe minor deviation and resolution under "Compliance Suggestions or Additional Observations" (above) and include SDG&E report identification number.

☐ New non-compliance issues reported by SDG&E monitors since your last visit. Describe issues and resolution under “compliance suggestions or additional observations” (above) and include SDG&E report identification number.

PREVIOUS NON-COMPLIANCE ITEMS REQUIRING FOLLOW-UP OR RESOLVED TODAY:

N/A

1. WEAP Training

a) Has worker environmental awareness training been completed by all new hires (construction and monitors)?

Yes

b) Are training logs maintained to demonstrate completion of training for new hires?

Yes

2. Erosion and Dust Control (Air and Water Quality)

a) Have temporary erosion and sediment control measures been installed?

Yes

b) Are erosion and sediment control measures properly installed and functioning?

Yes

c) Is mud tracked onto paved public roadways cleaned up in accordance with the Project’s SWPPP?

No

d) Is dust control being implemented (i.e., access roads watered, haul trucks covered, streets cleaned on a regular basis)?

NA

e) Are work areas being effectively watered prior to excavation or grading?

NA

f) Is excessive fugitive dust leaving the work area?

NA

3. Equipment

a) Are all vehicles/equipment observed arriving onsite clean of sediment or plant debris?

NA

b) Are all vehicles observed maintaining a speed limit of 15 mph on unpaved roads?

NA

c) Are vehicles/equipment turned off when not in use?

NA

4. Work Areas

a) Is exclusionary fencing or flagging in place to protect sensitive biological, cultural, or tribal cultural resources?

NA

b) Are vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?

NA

c) Are all excavations and trenches covered at the end of the day?

NA

d) Appropriate signage, flaggers, etc., in place for work in public roadways?

NA

5. Biology

a) Have preconstruction surveys been completed for biological (coastal California gnatcatcher, migratory birds, raptors, rare plants) resources as appropriate?

NA

b) Are biological monitors present onsite?

No

c) Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted, cylindrical buffers [helicopter use])?

Yes

d) Have wildlife been relocated from work areas?

NA

e) Have impacts occurred to adjacent habitat (sensitive or non-sensitive)?

No

f) Were any threatened or endangered species observed? If yes, list observations below:

No

g) Are there wetlands or water bodies present near construction activities?

No

h) Have there been any work stoppages for biological resources?

No

6. Cultural, Tribal Cultural, and Paleontological Resources

a) Where cultural/paleo resources are to be avoided, are they appropriately marked for exclusion in work areas?

NA

b) Were archaeological, Native American, and paleontological monitors needed onsite based on project activities?

No

c) Were archaeological, Native American, and paleontological monitors onsite?

No

d) Are appropriate buffers maintained around sensitive resources (e.g. cultural sites)?

NA

e) Have there been any work stoppages for cultural/paleo resources?

No

7. Hazardous Materials/Wildfire

a) Are hazardous materials stored appropriately?

NA

b) Are procedures in place to prevent spills and accidental releases?

NA

c) Are appropriate fire prevention and control measures in place?

Yes

d) Is contaminated soil properly handled or disposed of, if applicable?

NA

8. Work Hours and Noise

a) Were night lighting reduction measures needed based on project activities?

No

b) Were night lighting reduction measures in place?

No

c) Is construction occurring within approved hours?

NA

d) Are variances and public notification procedures in place, inc. parking on paved/graveled/cleared areas?

NA

e) Were noise control measures needed based on project activities?

No

f) If yes above, were noise control measures in place within 100 feet of sensitive receptors including notification of residences?

NA

9. Parks/Recreation Areas

a) Signs posted indicating alternative access and parking?

NA

b) AREAS MONITORED (i.e., structure numbers, yards, or substations)

Rock Springs Yard. Tower 108 and Snub site between towers 85 and 86.

Representative Site Photos

Site Photo 1



Site Photo 1 Notes

Tower 108. Vegetation trimmed Looking west.

Site Photo 2



Site Photo 2 Notes

Snub Site. Vegetation trimmed between towers 85 and 86. Looking north.

Site Photo 3



Site Photo 3 Notes

Snub Site. Vegetation trimmed between tower 85 and 86. Looking west towards tower 85.

Site Photo 4



Site Photo 4 Notes

Rock Springs Yard. Western portion of the yard is complete after base was laid and compacted. Looking west.

Completed By:

Florence Chan

Date

November 18, 2021

Reviewed By:

David D. Davis

Date

January 4, 2022

CPUC Site Inspection Form

Project Name

San Marcos to Escondido TL 6975 69kV Project

Project Proponent

San Diego Gas & Electric

Lead Agency

California Public Utilities Commission

CPUC PM

Trevor Pratt, Energy Division

CPUC CM (ESA)

Dave Davis

Date

December 6, 2021

Report #

2021-06

AM/PM

AM

Monitor(s)

Florence Chan

Weather (temp (F), % cloud cover, wind speed & direction, general conditions)

52F. Clear. Calm winds.

Start/End Time

830/1030

DESCRIPTION OF OBSERVED ACTIVITIES (i.e., mitigation measures of particular focus or concern, construction activity, any discussions with first-party monitors or construction crews)

Vegetation trimming around tower 102 for MPR-3. Additional work area required for line stringing.

MITIGATION MEASURES VERIFIED (Report only on MMs pertinent to your observations today.)

APM BIO-1, APM Bio-5, and APM BIO-9

RECOMMENDED FOLLOW-UP (i.e., items to check on next visit, minor issues to resolve)

NA

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance on-site, environmental observations of note)

NA

COMPLIANCE SUMMARY Check all applicable boxes below to indicate new conditions or issues that have occurred since your last visit. Note this information on the monitoring datasheet and document with photographs.

☐ New biological or cultural discovery requiring compliance with mitigation measures, permit conditions, etc.

☐ Potential minor deviation(s) observed. Documented minor deviation(s) and potential for environmental resources to be impacted if not expeditiously corrected and would become a non-compliance incident.

☐ Potential non-compliance(s) observed. Documented non-compliance(s) and results of impacts to resources.

☐ New minor deviation issue reported by SDG&E monitors since your last visit. Describe minor deviation and resolution under "Compliance Suggestions or Additional Observations" (above) and include SDG&E report identification number.

☐ New non-compliance issues reported by SDG&E monitors since your last visit. Describe issues and resolution under "compliance suggestions or additional observations" (above) and include SDG&E report identification number.

PREVIOUS NON-COMPLIANCE ITEMS REQUIRING FOLLOW-UP OR RESOLVED TODAY:

NA

1. WEAP Training

a) Has worker environmental awareness training been completed by all new hires (construction and monitors)?

Yes

b) Are training logs maintained to demonstrate completion of training for new hires?

Yes

2. Erosion and Dust Control (Air and Water Quality)

a) Have temporary erosion and sediment control measures been installed?

Yes

b) Are erosion and sediment control measures properly installed and functioning?

Yes

c) Is mud tracked onto paved public roadways cleaned up in accordance with the Project's SWPPP?

Yes

d) Is dust control being implemented (i.e., access roads watered, haul trucks covered, streets cleaned on a regular basis)?

NA

e) Are work areas being effectively watered prior to excavation or grading?

NA

f) Is excessive fugitive dust leaving the work area?

NA

3. Equipment

a) Are all vehicles/equipment observed arriving onsite clean of sediment or plant debris?

Yes

b) Are all vehicles observed maintaining a speed limit of 15 mph on unpaved roads?

Yes

c) Are vehicles/equipment turned off when not in use?

Yes

4. Work Areas

a) Is exclusionary fencing or flagging in place to protect sensitive biological, cultural, or tribal cultural resources?

Yes

b) Are vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?

Yes

c) Are all excavations and trenches covered at the end of the day?

NA

d) Appropriate signage, flaggers, etc., in place for work in public roadways?

NA

5. Biology

a) Have preconstruction surveys been completed for biological (coastal California gnatcatcher, migratory birds, raptors, rare plants) resources as appropriate?

Yes

b) Are biological monitors present onsite?

Yes

c) Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted, cylindrical buffers [helicopter use])?

Yes

d) Have wildlife been relocated from work areas?

NA

e) Have impacts occurred to adjacent habitat (sensitive or non-sensitive)?

No

f) Were any threatened or endangered species observed? If yes, list observations below:

No

g) Are there wetlands or water bodies present near construction activities?

No

h) Have there been any work stoppages for biological resources?

No

6. Cultural, Tribal Cultural, and Paleontological Resources

a) Where cultural/paleo resources are to be avoided, are they appropriately marked for exclusion in work areas?

Yes

b) Were archaeological, Native American, and paleontological monitors needed onsite based on project activities?

Yes

c) Were archaeological, Native American, and paleontological monitors onsite?

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Yes

e) Have there been any work stoppages for cultural/paleo resources?

No

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a) Are hazardous materials stored appropriately?

Yes

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Yes

c) Are appropriate fire prevention and control measures in place?

Yes

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NA

e) Were noise control measures needed based on project activities?

No

f) If yes above, were noise control measures in place within 100 feet of sensitive receptors including notification of residences?

NA

9. Parks/Recreation Areas

a) Signs posted indicating alternative access and parking?

NA

b) AREAS MONITORED (i.e., structure numbers, yards, or substations)

Tower 102, vegetation trimming for MPR-3.

Representative Site Photos

Site Photo 1



Site Photo 1 Notes

Davey tree crew trimming oak trees and vegetation around tower 102. Looking northwest.

Site Photo 2



Site Photo 2 Notes

Patriot crew trimming vegetation along access road and around tower 102. Looking northeast.

Site Photo 3



Site Photo 3 Notes

Patriot crew using equipment to remove trimmed vegetation along access road. Looking southwest.

Site Photo 4



Site Photo 4 Notes

Davey crew chipping and removing trimmed vegetation for MPR-3 around tower 102. Looking northwest.

Site Photo 5



Site Photo 5 Notes

Davey crew completed tree and vegetation trimming for MPR-3. Looking northwest.

Site Photo 6



Site Photo 6 Notes

Patriot crew completed vegetation trimming around tower 102. Trimmed vegetation was removed from the site via truck. Looking southwest.

Completed by: Florence Chan

Date: 12/06/2021

Reviewed By:

David D. Davis

Date

1/4/2022