

Quarterly Compliance Report

Quarter 1 2024



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1.0 INTRODUCTION

In accordance with the Mitigation Monitoring, Reporting and Compliance Program (MMRCP), for the Round Mountain 500 kilovolt (kV) Dynamic Reactive Support Project (Fern Road Substation or Project), this Quarterly Compliance Report provides an overview of the construction progress and implementation of Applicant Proposed Measures (APM) and Mitigation Measures (MM), as well as details regarding compliance-related activities conducted by LS Power Grid California, LLC (LSPGC) on the Project during the 1st Quarter of 2024 (January 2024 - March 2024).

To date, LSPGC construction activities have been authorized by the California Public Utilities Commission (CPUC) under Notice to Proceed No. 1 (NTP-1), Minor Project Refinement No. 1 (MPR-1) and MPR-2. The approval of NTP-1 authorized construction of the new Fern Road Substation, including the installation of two static synchronous compensator (STATCOM) enclosures, three 500 kV voltage transformers, and various 97.5 kV and 500 kV gas-insulated switchgear. The NTP-1 approval also includes the connection of the Fern Road Substation to Pacific Gas & Electric Company's (PG&E's) two existing Round Mountain – Table Mountain #1 and #2 500 kV overhead transmission lines, modifications to accommodate integration of the transmission lines into the Fern Road Substation, the development of one new permanent substation access road, the construction of chain link and barbed wire security fencing, and installation of temporary wildlife-friendly cattle exclusion fencing.

2.0 CONSTRUCTION SUMMARY

The following activities were performed during the reporting period:

- Tree clearing
- Equipment deliveries
- Installation of Project construction entrance
- Best Management Practice (BMP) installation
- General housekeeping

Photos of construction activities are included in **Attachment 1, Photo Log**.

2.1 CONSTRUCTION STATUS

During ongoing construction of Project components, LSPGC will implement all applicable APMs and MMs as identified in the Project's MMRCP. The summary of remaining construction activities is included in **Table 1, Construction Status**.

Table 1: Construction Status

Project Activity	Approximate Duration (months)¹	Anticipated Start Date²	Approximate Percent Complete
Site Development (includes survey, road work, site and staging yard preparation)	4	April 2024	2
Below-Grade Construction	7	<i>June 2024</i>	0
Above-Grade Construction and Equipment Installation	9	<i>October 2024</i>	0
Commissioning and Testing	5	<i>July 2025</i>	0
¹ Duration is not necessarily continuous.			
² Dates in <i>italics</i> are anticipated dates for activities that have not yet begun.			

2.2 PROJECT MODIFICATIONS AND APPROVALS

Please see **Table 2, NTP and MPR Schedule**, for a summary of approved and pending NTPs and MPRs.

Table 2: NTP and MPR Schedule

NTP / MPR	Description	Submittal Date¹	Requested / Actual Approval Date
NTP-1	NTP-1 approval permitted the construction of the new Fern Road Substation that will include two static synchronous compensator (STATCOM) enclosures, three 500 kV voltage transformers, various 97.5 kV and 500 kV gas-insulated switchgear, and ancillary components.	Submitted January 12, 2024 Resubmitted January 23, 2024	Approved January 25, 2024
MPR-1	MPR-1 authorized the use of equipment components that contain a reflective finish that are not commercially available in a neutral gray color for construction of the Fern Road Substation.	Submitted January 23, 2024	Approved January 25, 2024
MPR-2	MPR-2 allowed additional tree clearing in an area contiguous with the anticipated Fern Road Substation for compliance with California Public Utilities Code 8386 and LSPGC's Wildfire Mitigation Plan.	Submitted February 6, 2024	Approved February 15, 2024

3.0 ENVIRONMENTAL COMPLIANCE SUMMARY

The Lead Environmental Inspector (LEI) completes a LEI Field Report for each inspection. These reports describe ongoing activities, environmental monitoring, and compliance observations. The LEI Field Reports will be made available to the CPUC upon request.

3.1 AESTHETICS

In compliance with APM AE-1, all active Project work areas were maintained in a clean and orderly state with general housekeeping documented in the weekly LEI Field Reports. No night work occurred during the reporting period, therefore, no lighting was required nor shields to prevent light spillover effects. No compliance issues were documented during the reporting period.

3.2 AIR RESOURCES

Initial listing memorandums identifying certified tier specification and diesel particulate filter status specifications for all off-road diesel-powered equipment used during this quarter's construction activities were submitted to the CPUC as required by MM AQ-1 and the Project's Notice to Proceed Request (NTPR) approval letter dated January 25, 2024. All off-road diesel-powered equipment that was utilized for the Fern Road Substation met the United States Environmental Protection Agency (USEPA)-certified Tier 4 standards, the highest USEPA-certified tiered emission standards, with Level 3 diesel particulate filters. In accordance with MM AQ-1, a tracking tool for daily equipment use hours of all diesel-powered equipment was therefore not required.

Dust Control Plan measures were implemented to control fugitive dust and particulate emissions associated with Shasta County Air Quality Management District (SCAQMD) Standard Mitigation Measures (SMMs) in accordance with APM AQ-2. All Project activities were in compliance with this measure during the reporting period. Contractor staging occurred in approved areas within Project limits during the reporting period. Water trucks were utilized onsite as necessary to water down ongoing construction activity and stockpiled materials. Reduced speed limits were employed within the Project limits.

Additionally, measures were implemented throughout the reporting period to minimize greenhouse gas emissions from Project areas. Construction personnel were encouraged to carpool to Project areas, and construction equipment was maintained in accordance with manufacturing specifications throughout the reporting period.

3.3 BIOLOGICAL RESOURCES COMPLIANCE SUMMARY

In accordance with the Project's MMCRP, all Project activities were conducted in compliance with each biological resource measure during the reporting period. Speed limits of vehicles along access roads and on the Project site were limited to 15 miles per hour. Project personnel remained on established roads within the limits of disturbance as necessary to reduce potential for accidents and animal road mortality. No outdoor lighting was required throughout the quarter

as no night work occurred. All vehicles were cleaned prior to mobilization to the Project site to avoid the spread of noxious weeds and non-native invasive plant species. There were no compliance issues or concerns related to biological resources during the reporting period, and no special-status species were observed within active work areas.

In accordance with APM BIO-4 and APM BIO-5, construction during the migratory bird nesting season requires surveys to determine the presence or absence of nesting birds. If an active nest or raptor nest is identified, a suitable construction buffer will be implemented to ensure that the nesting activities are not substantially adversely affected. On February 5 and 6, 2024, pre-construction surveys for nesting birds were performed, in which no nests were observed. During the reporting period, there were no active nests observed onsite.

MM BIO-1 states that pre-construction surveys shall be conducted by a qualified biologist for the presence of roosting bats in trees to be removed or pruned. On February 5 and 6, 2024, pre-construction surveys for roosting bats were performed, in which no roosting bats were observed. Therefore, no further action was required.

Pre-construction sweeps of the Project work area for special-status wildlife and plants will be conducted by a qualified biologist prior to initial vegetation clearance and ground-disturbing activities in compliance with APM BIO-9. Sweeps were conducted prior to tree removal activities and ground disturbance for augering and silt fence installations. No special-status species were observed in active Project work areas. Additionally, sensitive biological areas were marked with staking and signage for avoidance as required by APM BIO-10. Areas where aquatic features intersect Project limits were delineated with a five-foot buffer and signage was maintained throughout the reporting period.

3.4 CULTURAL, NATIVE AMERICAN AND PALEONTOLOGICAL RESOURCES

3.4.1 Cultural Resources and Native American Monitoring

Prior to construction, LSPGC engaged in tribal outreach to consult with the contact representative provided by the Native American Heritage Commission about mitigation procedures should cultural resources be encountered within the Project boundary; however, no response was received. The pre-construction Tribal consultation requirement was documented by LSPGC within the Project's Proponent Environmental Assessment (PEA) sent to the CPUC dated April 2022.

All Project activities were conducted in compliance with the measures defined in the Project's MMCRP relating to cultural and tribal resources during the reporting period. Proposed facilities and ground disturbing activities remained within the Project footprint and did not move outside of previously surveyed areas. No prehistoric nor ethnohistoric resources were recovered during the reporting period, thus, requirements upon discovery of cultural resources defined within APM CUL-3 and APM CUL-4 were not triggered.

3.4.2 Paleontological Resources

In compliance with APM PALEO-1, a Paleontological Resources Monitoring and Mitigation Plan (PRMMP) has been prepared for the Project in which monitoring procedures, areas and

types of earthwork that require monitoring, and methods for determining the significance of fossil discoveries were identified. As required by the PRMMP, a qualified paleontologist shall monitor all excavations or grading at depths exceeding two feet below ground surface in sedimentary deposits of the Montgomery Creek Formation and the sedimentary portions of the Tuscan Formation. Because groundwork did not take place below two feet in sedimentary deposits of the Montgomery Creek Formation and the sedimentary portions of the Tuscan Formation, and no paleontological resources were encountered within the reporting period, no paleontological monitoring was required for the first quarter of 2024.

3.5 FIRE PREVENTION AND PROTECTION

All Project activities were in compliance with the Construction Fire Prevention Plan (CFPP) during the reporting period. Construction personnel were observed to have appropriate personal protective equipment (PPE), and all Project vehicles were equipped with appropriate fire-suppression equipment. Vehicles were parked away from dry vegetation. Water tanks, fire extinguishers, and water trucks were available onsite for fire protection during construction during the reporting period. There were no red flag warnings issued for the Project region during the reporting period. No fires occurred on or near the Project during the first quarter of 2024.

All personnel carry a laminated card and hard hat sticker at all times that lists pertinent telephone numbers for reporting fires and immediate steps to take should a fire start in accordance with APM HAZ-4. All construction activities are coordinated with local law enforcement and fire protection agencies. In accordance with APM PS-1, emergency service providers have been notified of timing, location, and duration of construction activities. All construction crews and inspectors are provided with radio and cellular telephone access that is operational in all work areas and access routes to allow for immediate reporting of potential fires, and are trained in fire-safe actions, initial attack firefighting, and fire reporting. No compliance issues related to fires or fire prevention were recorded throughout the quarter.

3.6 GEOLOGY AND SOILS

Mitigation measures were implemented during construction activities to minimize potential impacts from geological hazards and disturbance to soils in accordance with APM GEO-1. Measures implemented throughout the reporting period included keeping vehicles and construction equipment within Project limits and approved construction work areas and avoiding construction in areas with saturated soils whenever practicable to reduce impacts to soil structure. Removed vegetation was disposed of off-site to an appropriate licensed facility or chipped onsite to be used as mulch during restoration. No compliance issues were recorded during the reporting period.

3.7 HAZARDOUS MATERIALS

All Project activities were conducted in compliance with the Spill Prevention, Control, and Countermeasure Plan (SPCCP) and Hazardous Materials Management Plan (HMMP) over the course of construction during the quarter. No soils were suspected of contamination during the reporting period; therefore, the implementation of soil testing procedures was not required. All construction personnel maintained appropriate PPE when working with or around hazardous

materials. There were no hazardous releases that occurred during the reporting period.

3.8 STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

In compliance with APM WQ-1, all Project activities were conducted in compliance with the Project's SWPPP during the reporting period. No groundwater was encountered over the course of the reporting period. Rain events took place January 1, January 3 – 4, January 7, January 9 – 11, January 13 – 14, January 17 – 18, January 20 – 25, January 27 – 28, February 1 – 6, February 8, February 12 – 14, February 16 – 20, March 1 – 7, March 11 – 13, March 23 – 24, and March 28 – 31 during the quarter with approximately 5.8 inches of rain recorded in January, approximately 7.0 inches of rain recorded in February, and approximately 5.6 inches of rain recorded in March. Best Management Practice (BMP) installation was performed in April 2024 prior to the start of ground disturbing activities onsite. No compliance issues were recorded throughout the reporting period.

A SWPPP change of information (COI) was filed in February 2024 following the approval of MPR-2. A copy of the Project's SWPPP is maintained on the Project site.

3.9 TRAFFIC AND TRANSPORTATION

In accordance with NTP-1 approval, all Project activities were conducted in compliance with the Project's Traffic Control Plan (TCP) during the reporting period.

4.0 MMCRP COMPLIANCE

There were no impacts to any environmental resources and there were no non-compliance incidents during the reporting period.

5.0 WORKER ENVIRONMENTAL AWARENESS PROGRAM

In compliance with the MMCRP, APM BIO-8, APM CUL-1, and the CFPP Section 8, all Project personnel participated in the WEAP training prior to performing work. During the reporting period, 38 new Project personnel attended the WEAP training. **Attachment 2, WEAP Sign-In Sheets** includes a record for WEAP training conducted during this quarter's reporting period.

ATTACHMENT 1
PHOTOGRAPH LOG

Photo 1. View of pad site prior to any tree cutting activities.
Direction: Northwest. Date: 2/15/2024



Photo 2. View of pad site prior to tree cutting activities.
Direction: Southwest. Date: 2/15/2024



Photo 3. View of pad site prior to any tree cutting activities.
Direction: North. Date: 2/15/2024



Photo 4. View of the A-1 Tree Service crew beginning tree cutting within surveyed work area.
Direction: Southeast. Date: 2/15/2024



Photo 5. View of tree service crew felling a pine tree within the surveyed work area.
Direction: Southwest. Date: 2/15/2024



Photo 6. View of felled trees within the surveyed work area.
Direction: Northwest. Date: 2/15/2024



Photo 7. View of felled trees within the surveyed work area.
Direction: North. Date: 2/15/2024



Photo 8. View of two water trucks and bulldozer mobilized to site with drip pans.
Direction: North. Date: 2/15/2024



Photo 9. View of Tier 4 Caterpillar D8T dozer delivered to the site.
Direction: North. Date: 2/27/2024



Photo 10. View of freightliner water truck delivered to the site.
Direction: West. Date: 2/27/2024



Photo 11. View of TTR crew tree cutting.
Direction: East. Date: 2/27/2024



Photo 12. View of stormwater runoff flowing down the access road to roadside drainage.
Direction: Southeast. Date: 3/7/2024



Photo 13. View of rain gauge mounted on fence next to entrance gate.
Direction: North. Date: 3/7/2024



Photo 14. View of northwest corner stake of substation pad with seasonal creek downslope in the background.
Direction: East. Date: 3/7/2024

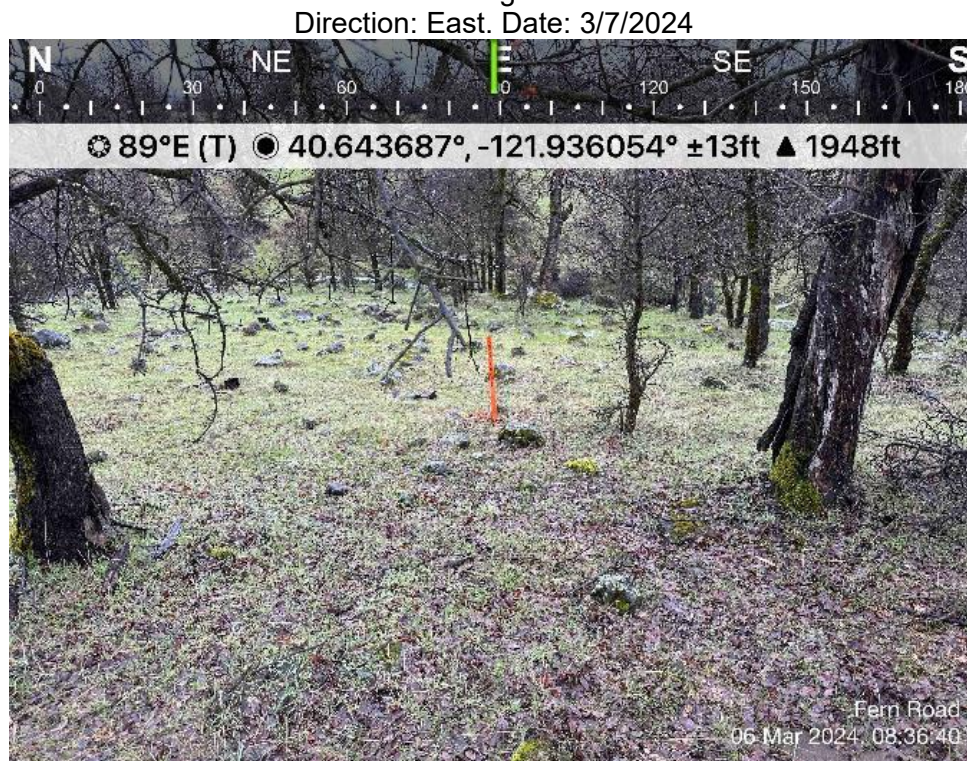


Photo 15. View of seasonal creek flowing with ESA signage and staking.
Direction: North. Date: 3/7/2024

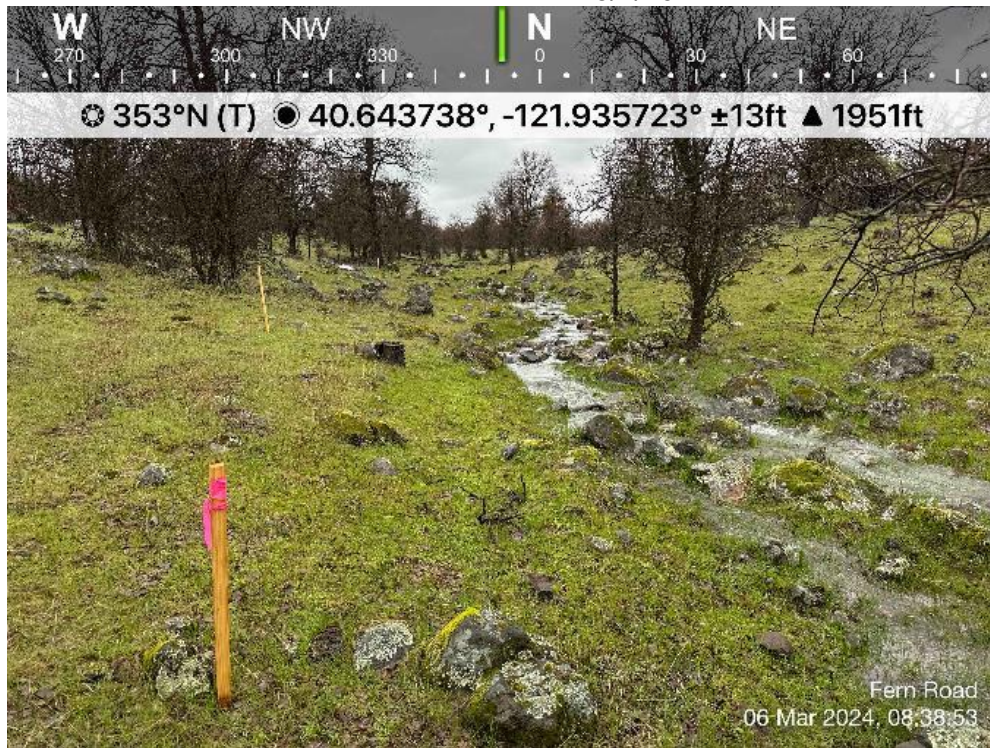


Photo 16. View of ephemeral stream that runs out of the project at the southwest corner with
ESA signage and staking.

Direction: East. Date: 3/7/2024



An aerial photograph showing a construction site on a grassy field. A red excavator is positioned on the left, and a white truck with a large metal ramp is on the right. Two workers in high-visibility yellow gear are visible near the truck. The background consists of a dense line of trees. The image is framed by a black border with white text and a scale bar at the top.

Direction: Southeast, Date: 07/2024

30 NE 60 E 90 SE 120 150 180 S 210

☀ 115°SE (T) ● 40.646545°, -121.940266° ±104ft ▲ 1950ft



Fern Road
06 Mar 2024, 12:51:15

Photo 19. View of finished construction entrance.
Direction: Southeast. Date: 3/7/2024



Photo 20. View of porto-cans and sink with catchment.
Direction: N/A. Date: 3/26/2024



Photo 21. View of southeast corner of fence installation.
Direction: Northwest. Date: 3/27/2024



Photo 22. View of corner post and silt fence along Fern Road.
Direction: South. Date: 3/27/2024



Photo 23. View of ephemeral stream ESA area after heavy overnight rain (max flow).
Direction: North. Date: 3/28/2024



Photo 24. View of rain gauge at 4.5 inches.
Direction: East. Date: 3/28/2024



Photo 25. View of the last post hole to be dug with an auger.
Direction: Southwest. Date: 3/29/2024



Photo 26. View of intermittent stream ESA area on eastern fence line.
Direction: Southeast. Date: 3/29/2024



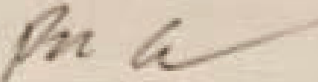
Photo 27. View of temporary crossing of intermittent stream for the fence crew's equipment.
Direction: South. Date: 3/29/2024



ATTACHMENT 2
WEAP SIGN-IN SHEETS

ROUND MOUNTAIN 500 kV DYNAMIC REACTIVE SUPPORT - FERN ROAD SUBSTATION PROJECT WORKER ENVIRONMENTAL AWARENESS PROGRAM (WEAP) TRAINING LOG

This form acknowledges that I have received and understand the mandatory Worker Environmental Awareness Program (WEAP) training. The WEAP includes Project compliance and environmental information on each resource. The training is mandatory for all individuals (supervisors, inspectors, surveyors, employees, construction engineers, contractors, contractor's employees, and subcontractors) working on the project. By signing below, I acknowledge that I understand and will implement the guidelines provided in the program materials.

Name (First, Last)	Company	Phone	Date	Signature	Trainer
HORACE Wood	KPE	7576209101	2/15/24		Horace Wood
Chris Tilton	A-1 Tree	530 356 6734	2/15/24		
Pedro Cuevas	A-1 Tree	570 355 6734	2/15/24		
Chris Bojorge	TRR	559 966 7080	2/15/24		

ROUND MOUNTAIN 500 kV DYNAMIC REACTIVE SUPPORT - FERN ROAD SUBSTATION PROJECT

WORKER ENVIRONMENTAL AWARENESS PROGRAM (WEAP) TRAINING LOG

This form acknowledges that I have received and understand the mandatory Worker Environmental Awareness Program (WEAP) training. The WEAP includes Project compliance and environmental information on each resource. The training is mandatory for all individuals (supervisors, inspectors, surveyors, employees, construction engineers, contractors, contractor's employees, and subcontractors) working on the project. By signing below, I acknowledge that I understand and will implement the guidelines provided in the program materials.

3/26/24

JONATHAN Foster - Biologist
Foster Consulting

Name (First, Last)	Company	Phone	Date	Signature	Trainer
Kyle Mooney	SS			<i>Kyle</i>	
Jim Simonis	JS			<i>JS</i>	
Donald Moore	TTR			<i>DM</i>	
Garth Simonis	JS			<i>Garth</i>	
Bernie Simonis	JS			<i>Bernie</i>	
Oscar Simonis	JS			<i>Oscar</i>	
Nicholas Hickman	TTR			<i>Nick</i>	

Name (First, Last)	Company	Phone	Date	Signature	Trainer
David Peters	TTR			<i>David</i>	
Jonathan Foster	Foster consult			<i>John</i>	

Round Mountain 500kV Dynamic Reactive Support Fern Road Substation Project WEAP Master Training Signature Log

This form acknowledges that I have completed and understand the mandatory Worker Environmental Awareness Program (WEAP). training The WEAP training includes safety and environmental information on each resource. This training is mandatory for all individuals (supervisors, inspectors, surveyors, employees, construction engineers, contractors, contractor's employees, and subcontractors) working on the project site. By signing below, I acknowledge that I understand and will implement the guidelines provided in the program materials.

Name	Company	Phone	Date	Trainer
Dale Patterson	KPE	760-613-6822	1/24/2024	Dale Patterson
Emily Critchfield	KPE	909-957-0680	1/24/2024	Dale Patterson
Jeremy Robards	LSPGC	314-625-4877	1/24/2024	Dale Patterson
Casey Arcese	LSPGC		1/24/2024	Dale Patterson
Clayton Eversen	LSPGC	314-886-1940	1/24/2024	Dale Patterson
Dalton Loos	LSPGC		1/24/2024	Dale Patterson
Dustin Joseph	LSPGC	925-808-0291	1/24/2024	Dale Patterson
Dustin Smith	LSPGC	559-246-6940	1/24/2024	Dale Patterson
John Randolph	LSPGC		1/24/2024	Dale Patterson
Mark Milburn	LSPGC		1/24/2024	Dale Patterson
Patrick Price	LSPGC		1/24/2024	Dale Patterson
Sly	TTR		1/24/2024	Dale Patterson
Kevin Modesto	LSPGC		1/24/2024	Dale Patterson
Andy Cemo	LSPGC		1/24/2024	Dale Patterson
Jennifer Shaw	LSPGC		1/24/2024	Dale Patterson
Aaron Jens	LSPGC		1/24/2024	Dale Patterson
Alyssa Caldwell	ESA		2/14/2024	Louie Nunez
Berlin Hernandez	ESA		2/14/2024	Louie Nunez
David Wilson	LSPGC		2/14/2024	Louie Nunez
Even Holmboe	ESA		2/14/2024	Louie Nunez
Louie Nunez	KPE		2/14/2024	Louie Nunez
Olivia Silverstein	ESA		2/14/2024	Louie Nunez
Boriz Sanchez	CPUC		2/14/2024	Louie Nunez
Matthew Fagundes	ESA		2/14/2024	Louie Nunez
Valisa Nez	ESA		2/14/2024	Louie Nunez
Horace Wood	KPE	959-620-7001	2/15/2024	Horace Wood
Chris Tilta	A1 Tree	530-355-6734	2/15/2024	Horace Wood
Pedro Cuevas	A1 Tree	570-355-9724	2/15/2024	Horace Wood
Chris Bojorque	TTR	559-900-7080	2/15/2024	Horace Wood
Kurt Moony	JS		3/26/2024	Jonathan Foster
Jim Simonis	JS		3/26/2024	Jonathan Foster
Donald Moore	TTR		3/26/2024	Jonathan Foster
Garth Simonis	JS		3/26/2024	Jonathan Foster
Borne Simonis	JS		3/26/2024	Jonathan Foster
Oscar Simonis	JS		3/26/2024	Jonathan Foster
Nicholas Hickman	TTR		3/26/2024	Jonathan Foster
David Peters	TTR		3/26/2024	Jonathan Foster