

HELICOPTER LIFT OPERATIONS SAFETY BRIEF CHECKLIST

PRIOR TO BEGINNING ANY HELICOPTER OPERATION A THOROUGH SAFETY BRIEF WILL BE CONDUCTED UTILIZING THE FOLLOW CHECKLIST:

- ☐ SAFETY BRIEF SIGN IN
- ☐ GHI CREW INTRODUCTION
- ☐ IS A TRANSLATOR REQUIRED
- ☐ WORK STOP AUTHORITY
- ☐ DESIGNATE A 911 CALLER
- ☐ IDENTIFY CLOSEST EMERGENCY MEDICAL SERVICES
- ☐ CREW FATIGUE AND HYDRATION
- ☐ HELICOPTER LIFT LIMITATIONS
- ☐ HAZMAT WILL OR WILL NOT BE CARRIED ON THE HOOK
- ☐ NON GHI EMPLOYEES WILL NOT APPROACH HELICOPTER WITH ROTORS ENGAGED
- ☐ HELICOPTER HAZARD AREA (TAIL/MAIN ROTOR)
- ☐ EFFECT OF ROTOR DOWN WASH ON LOAD

DUST MASK: BURN AREA, DUST, POLLEN EXPOSURE

- ☐ HELICOPTER DOOR REMOVAL AND FIRE EXTINGUISHER LOCATION
- ☐ PPE REQUIREMENTS (GLOVES, EYE PROTECTION, HARD HAT WITH CHIN STRAP)
- ☐ PILOT/GROUND CREW COMMUNICATIONS/ LOST COMMUNICATIONS

PROCEDURES

- ☐ POTENTIAL STATIC CHARGE CAUSED BY HELICOPTER
- ☐ SITE PLAN /FLIGHT PATH
- ☐ FALL, PINCH, CRUSH DANGER POINTS
- ☐ RIGGING OPERATIONS CONNECTING AND DISCONNECTING CRANE HOOK AND SPREADER BAR HOOK
- ☐ PROPER SECURING OF EQUIPMENT / TOOLS IN SUPER SACK AND ON LONG LINE
- ☐ STREET CLOSURE / EVACUATION USE DIAGRAM TO ENSURE ALL HOMES ARE CLEAR
- ☐ NO CELL PHONES OR CAMERA USED BY GROUND CREW

Tailboard & Helicopter Safety Briefing

Pilot:**Location:**

Mission:

Aircraft:[illegible]

AIRCRAFT	ENVIRONMENT	EXTERNAL LOAD
☐ Approach and departure ☐ Main/tail rotor hazards ☐ Safe cargo loading/unloading ☐ Loose articles: - Aircraft & LZ ☐ Hearing protection ☐ Door/seatbelt operation ☐ Headset/helmet/intercom ☐ Air-sickness ☐ In-flight emergencies Establish who will call 911 ☐ Location of: o First aid/survival kit o Fire extinguisher o Fuel and battery shut off procedure o Radios, ELT, SAT Phone ☐ Fueling Operations: - Duties & Safety Issues	☐ Weather conditions ☐ Wind direction ☐ Fuel ☐ Gross weight ☐ Terrain ☐ Landing zone hazards ☐ Density altitude ☐ Noise abatement ☐ Congested area plan ☐ Traffic/crowd control CRM ☐ COMMUNICATION IS CRITICAL ☐ Standardized language ☐ "Code Red" phrases ☐ Sterile cockpit ☐ Flight following/radio procedures ☐ Possible tasks for crew, e.g., switch/tune radios, maps ☐ Hazard awareness, e.g., birds, other hazards ☐ STOP work policy ☐ Re-brief in case scope changes ☐ IMSAFE Acronym Pilot fatigue mitigation must be briefed prior to work	☐ Ground crew PPE ☐ Long Line & Rigging Equipment Inspection ☐ Communication: Use of headset for lineman communicating with pilot ☐ Head/Hand Signals ☐ Pole set procedures: Brief how pole will be secured: 1) Taglines 2) Pikes 3) fill dirt ☐ Steps on pole ☐ Remote hook operations ☐ Ground crew hook up procedures ☐ Static discharge ☐ Emergency flyaway procedures ☐ Long line clearance (6'- 25'- 150% rule) ☐ No person under load ☐ Ground crew safety zone ☐ Pole removal with potential snag issues must be discussed ☐ Nylon straps (wood vs. glass) ☐ Load ratings (7:1 minimum) ☐ Dry Run/Play by play pole set Procedures ☐ Induced Voltage from: - Adjacent circuits, Underbuild, Parallel circuits etc. ☐ In case of Non-Company ground crew: Rigging procedures must be briefed ☐ No cell phone/camera use during external loads ☐ Essential crew only

Non-compliance with established procedures may result in your removal from the mission

Note: By signing this document you acknowledge you understood all items briefed to you and that you are responsible for insuring all loose items are secured when working under a helicopter.

[illegible]

Tailboard & Helicopter Safety Briefing

Pilot:

Location:**Aircraft:**[illegible]

Tailboard & Helicopter Safety Briefing

Pilot:

Location:**Aircraft:**[illegible]

Non-compliance with established procedures may result in your removal from the mission

[illegible]

Tailboard & Helicopter Safety Briefing

Pilot:**Location:****Mission:****Aircraft:**[illegible]

Tailboard & Helicopter Safety Briefing

Pilot:**Location:****Mission:****Aircraft:**[illegible]

Tailboard & Helicopter Safety Briefing

Pilot:**Location:****Mission:****Aircraft:**[illegible]

Non-compliance with established procedures may result in your removal from the mission

Aircraft:[illegible]

Pilot:

Support Crew:

Location:**Mission:****Aircraft:**[illegible]



Air Operation / Air Support Requests

Home Recycle Bin

Flight Request

 SOUTHERN CALIFORNIA EDISON An EDISON INTERNATIONAL Company		Aircraft Operations Flight Request Form		
If you have any questions, please call Aircraft Operations at : 909-974-4676				
- Requestor Information -			Flight Request ID: FR00345	
Flight Requested by: SCE: ☒ Contractor: ☐				
Requester Name: Mike Pacheco		SAP/TD Accounting No: TD1382345		
Requester Email: michael.pacheco@sce.com		*Use commas to separate multiple numbers		
Office Number: i.e. (xxx) xxx-xxxx		Cell Number: (949) 812-9583 i.e. (xxx) xxx-xxxx		
Department: Distribution				
- General Flight Information -				
General Area: Catalina Island		District: CATALINA	EOI Related? ☒	Critical Due Date:
Pick-up location: Catalina Island		Drop-off location: Catalina Island		
LZ Coordinates (if known):				
Requested Start Date: 06/22/20		Requested End Date: 7/31/2020		Time of Pick-up:
Note: Do not schedule outages until Air Ops has confirmed aircraft availability				
Approx. mission duration or number of days helicopter is required (if known): 6 weeks. 7 days a week				
- Flight Description -				
Please choose a mission type:				
Camera: ☐ HD ☐ IR		SCE Passenger(s): ☒		External Load: ☒
Crew Support: ☒		Non-SCE Passenger(s): ☒		Recon: ☐
Pole Set: ☐ Fill and attach this form if more than 5 Pole Sets.		Contractors / Contingent Worker		Training: ☐
HEC: ☒ **Due to limited resources HEC jobs will take longer to schedule.		Patrol: ☐		Line Stringing: ☐
Photo: ☐				
Approval attachment required...>>> as of May 1st, Catalina project 2020.xlsx Director Approval Air Operations Request Catalina Project 2020.msg may 1st update .kmz				
Note: Please remove the following characters from the file title before attaching and Zip large files and folders with multiple files: # ~ / \ : * ? " < > %				
Please attach all Work Order Maps and Photos for Pole Sets				
Note: Please contact us at AirOps@sce.com or 909-974-4676 for any issues.				

2nd CONTACT	
Name: Brian Carlton	Company Name: par
Email: bcarlton@ParElectric.com	Mobile Number: (909) 552-5211 i.e. (xxx) xxx-xxxx
Mission Specific Details 6/22 - PAR Civil will begin digging pole holes. Air lifting tools and equipment (compressors). Potentially shuttling crews members. 7/06 - Electrical crews will begin pole replacements. HEC will be requested for some locations and will be identified during ground recon. 5/13 & 14 - Ground recon will take place. a specific work calendar and order of operations will follow.	
Crew Support (SCE Employees) - Approval must be obtained from: _____ OU Requesting Manager or OSC	
External Load - Approval must be obtained from: _____ OU Requesting Manager or OSC	
Human External Cargo (HEC) - Approval must be obtained from: _____ OU Director or IC (unless Letter of Delegation is obtained)	Note: Includes both SCE & Supplemental employees
SCE Passenger(s) - Approval must be obtained from: _____ OU Requesting Manager or OSC	
Non-SCE Passenger(s): Contractors / Contingent Workers - Approval must be obtained from: _____ OU Director or IC (unless Letter of Delegation is obtained)	
- SCE Passenger -	
ONLY FOR SCE EMPLOYEES PASSENGERS Note: State combined weight (lbs) with carry-on gear*	
1. SCE Employee Name Michael Pacheco	Flight Weight (lbs) 180
2. SCE Employee Name	Flight Weight (lbs)
3. SCE Employee Name	Flight Weight (lbs)
4. SCE Employee Name	Flight Weight (lbs)
5. SCE Employee Name	Flight Weight (lbs)
Total Estimated SCE Weight: 180	
*i.e. your weight, laptop bag, suitcase, tools, etc.	
- NON-SCE Passenger -	
ONLY FOR NON-SCE EMPLOYEES PASSENGERS	
1. Non-SCE Employee Name	Flight Weight (lbs)
2. Non-SCE Employee Name	Flight Weight (lbs)
3. Non-SCE Employee Name	Flight Weight (lbs)
4. Non-SCE Employee Name	Flight Weight (lbs)
5. Non-SCE Employee Name	Flight Weight (lbs)
Total Estimated Non SCE Weight: 0	
*i.e. your weight, laptop bag, suitcase, tools, etc.	
Weight Grand Total: 180	



SECTION 7

Part 135 GH 4A Part 133 GH 4L
NON Congested Area Plan

Operator: Guardian Helicopters, Inc
 67 D STREET
 Fillmore CA. 93015
 Phone (818) 442-9904
 FAX (818) 442-9901

PROJECT: EDISON HEC ONLY WORK ORDER #: SEE ATTACHED LIST
 ADDRESS: AIRPORT IN THE SKY : CATALINA ISLAND CA
SEE KMZ FILE AND ATTACHED LIST FOR POLE POSITIONS AND LZ STAGING AREA
 CONTACT AT SITE: MIKE PACHECO PHONE#: 949-812-9583
 PILOT'S NAME(S): 1. JOHN OLSON CERT #: 2769166
 2. BUCKEY MACKAY CERT #: 2778051
 3. MICHAEL KLINK CERT #: 3018828
 4. IAN GOODALE CERT #: 3741973
 5. ROSS GOULET CERT#: 339677

TYPE OF AIRCRAFT: BELL UH-1H N# N711GH A/C CATEGORY: RESTRICTED
BELL UH-1H N# N214KK A/C CATEGORY: RESTRICTED
BELL 407 N# N407GH A/C CATEGORY: STANDARD
BELL 205A1 N# N216GH A/C CATEGORY: STANDARD
AS350 B2 N# N498PT A/C CATEGORY: STANDARD
AS350 B3 N# N718GH A/C CATEGORY: STANDARD
AS350 B3 N# N215GH A/C CATEGORY: STANDARD

IF SAFETY DICTATES AND OR THE CUSTOMER REQUESTS ADDITIONAL LIFTS THE LIFTS WILL BE CONDUCTED REMAINING WITHIN THE APPROVED TIME PARAMETERS.

TYPE OF LIFTS: HEC ONLY CLASS OF LOAD: EXTL CL B TYPE OF ITEM LIFTING: POLE ☐
 AERODYNAMIC ☒ NON- AERODYNAMIC MAX 1600 LBS
 NO. OF LIFTS: TBD LONG LINE: (NO) XXX (YES) LESS THEN 150 FT (LENGTH)
 OPERATIONAL ALTITUDE: < 250 STREET CLOSING: (NO) XX (YES)
 DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
7-18-2020	SUNRISE	SUNSET	7-8-2020
7-19-2020	SUNRISE	SUNSET	7-8-2020
7-21-2020	SUNRISE	SUNSET	7-8-2020
7-24-2020	SUNRISE	SUNSET	7-8-2020
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
AVALON POLICE DEPARTMENT	310-510-0174	WATCH COMMANDER	NOTIFY
CATALINA FIRE DEPARTMENT	310-510-0203	STATION	NOTIFY

Evacuation

Crowd Control

Street Closure

☒ No Evacuated Structures

☒ Operator

☐ Yes ☒ No

☐ Evacuated Structures

☒ Contractor

☒ Contractor

☐ Operator



SECTION 7

Part 135 GH 4A Part 133 GH 4L NON Congested Area Plan

Operator: Guardian Helicopters, Inc
67 D Street
Fillmore, California 93015

LIST OF BUILDINGS THAT SHALL EITHER BE PARTIALLY OR ENTIRELY UNOCCUPIED PERSONS ALSO HOMES THAT WILL BE NOTIFIED OF ACTIVITY:

BUILDING DESCRIPTION/ADDRESS	REMARKS	METHOD
ALL HOMES WITHIN RED OPERATING AREA	VACANT DURING OPS	HAND DELIVER
SEE DIAGRAM = VACANT	VACANT DURING OPS	HAND DELIVER

Narrative description of pick-up site, route, delivery site, and plan for ceasing operation if unauthorized persons enter operational area or real hazard occurs.

SITE INSPECTION NOTES

ONLY PERSONNEL ESSENTIAL TO COMPLETING THE JOB SAFELY WILL BE PERMITTED TO PARTICIPATE IN THE EVOLUTION. ONLY PERSONNEL PARTICIPATING IN THE SAFETY BRIEF WILL BE PERMITTED TO BE IN THE AREA OF OPERATIONS. ONLY AUTHORIZED ESSENTIAL PERSONAL WILL BE PERMITTED IN THE IMMEDIATE AREA OF OPERATIONS. IN THE EVENT AN UNAUTHORIZED PERSON ENTERS THE OPERATIONS AREA OR A POTENTIAL HAZARD IS IDENTIFIED THE PILOT WILL HOLD THE AIRCRAFT IN RELATIVE POSITION. THIS WILL BE ACHIEVED WITHOUT OVER FLYING THE GROUND CREW. ALL OPERATIONS WILL BE CEASED UNTIL THE PROBLEM IS RECTIFIED. IN THE EVENT OF AN AIRCRAFT EMERGENCY, THE PILOT WILL RADIO GROUND PERSONNEL AND WILL ATTEMPT TO LAND IN THE EMERGENCY LANDING AREA.

DURING THE LIFT EVOLUTION THE AIRCRAFT AND GROUND CREW WILL ALL BE IN RADIO COMMUNICATIONS. IN THE EVENT OF LOSS COMMUNICATIONS, THE CREW WILL USE STANDARD HAND SIGNALS TO COMMUNICATE WITH THE PILOT. WHEN THE PILOT IS CLEAR HE WILL MOVE THE AIRCRAFT TO A SAFE LOCATION TO ALLOW THE COMMUNICATION PROBLEM TO BE RECTIFIED.

THE OPERATIONS AREA IS WITHIN THE SECURED AREA. ALL ESSENTIAL CREW WITHIN THE OPERATIONS AREA WILL NOT BE INVOLVED IN TAKING PICTURES OR ANY OTHER USE OF CELL PHONES.

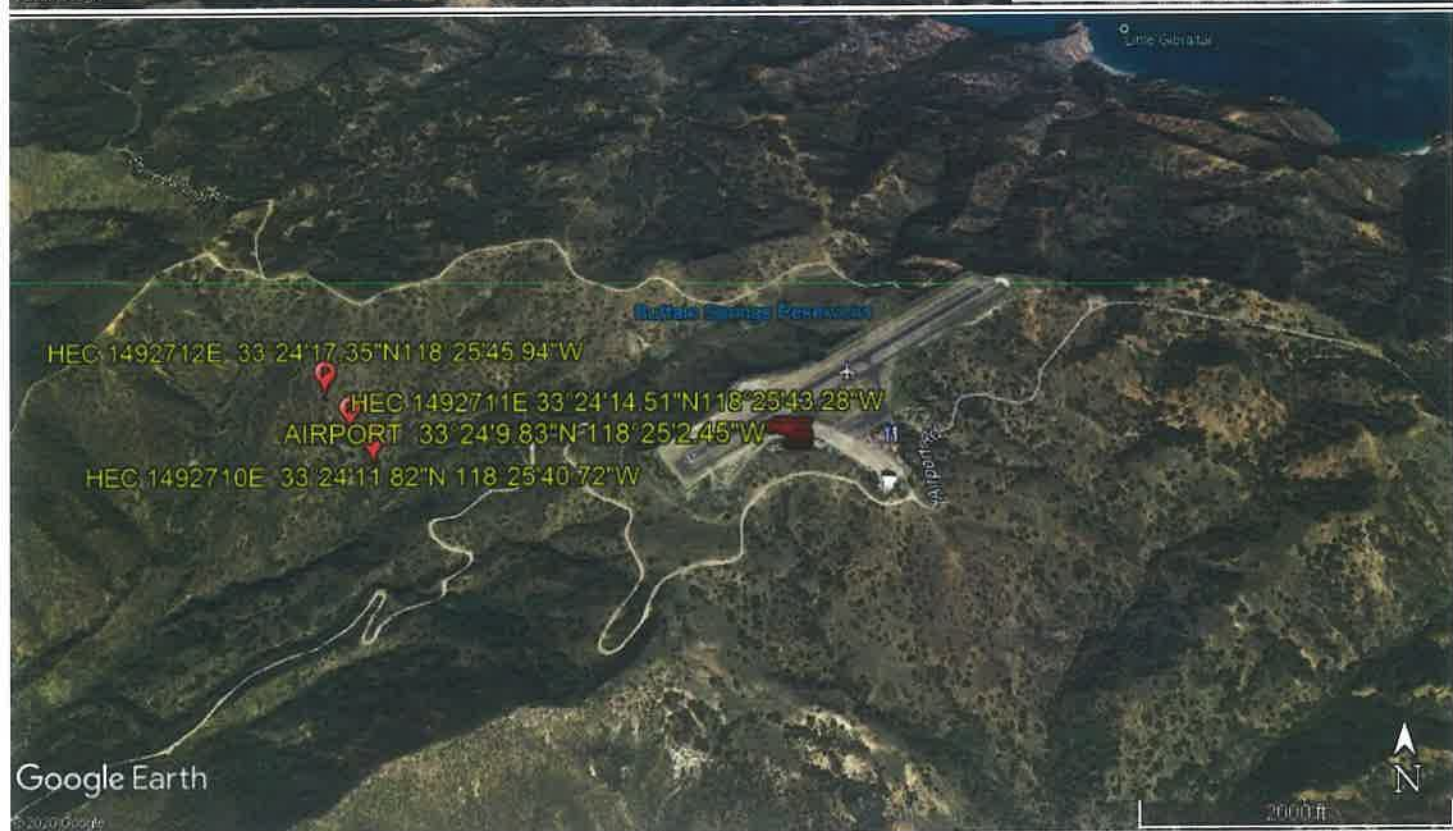
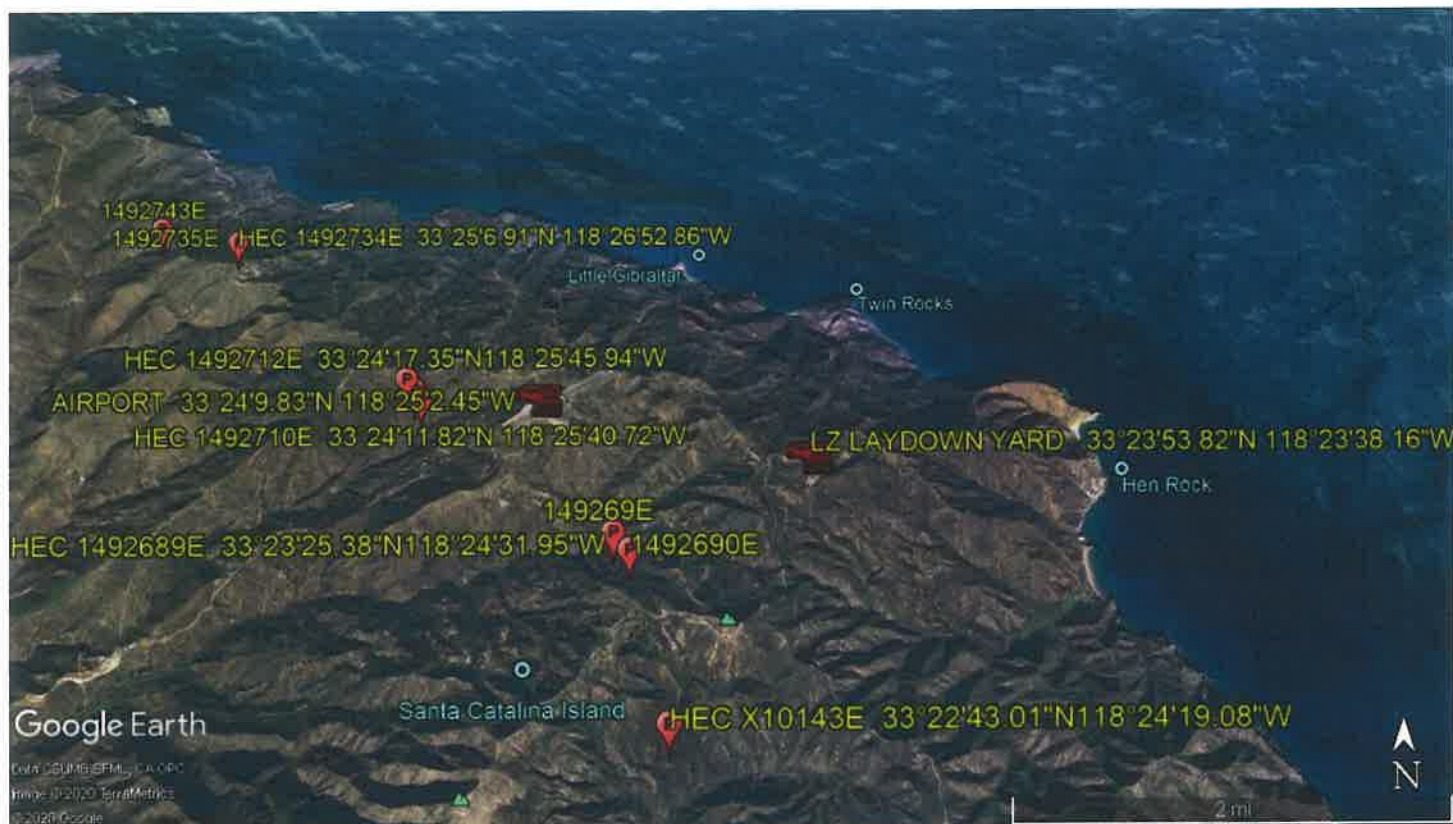
PRIOR TO BEGINNING OPERATIONS, A TAILBOARD SAFETY BRIEF WILL BE CONDUCTED.

1. HELICOPTER WILL LAND AT THE AIRPORT OR DESIGNATED LZ TO CONNECT LONGLINE AND CONDUCT HEC TRAINING / SAFETY TAILBOARD
2. HEC WILL BE CONDUCTED FROM ASSIGNED LZ
3. FUELING WILL BE CONDUCTED FROM IEX HELIPORT NEAR AVALON
4. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
5. REMOTE NO STREET CLOSURES
6. WATER TRUCK REQUIRED AT LZ
7. REMOTE NO EVACUATIONS

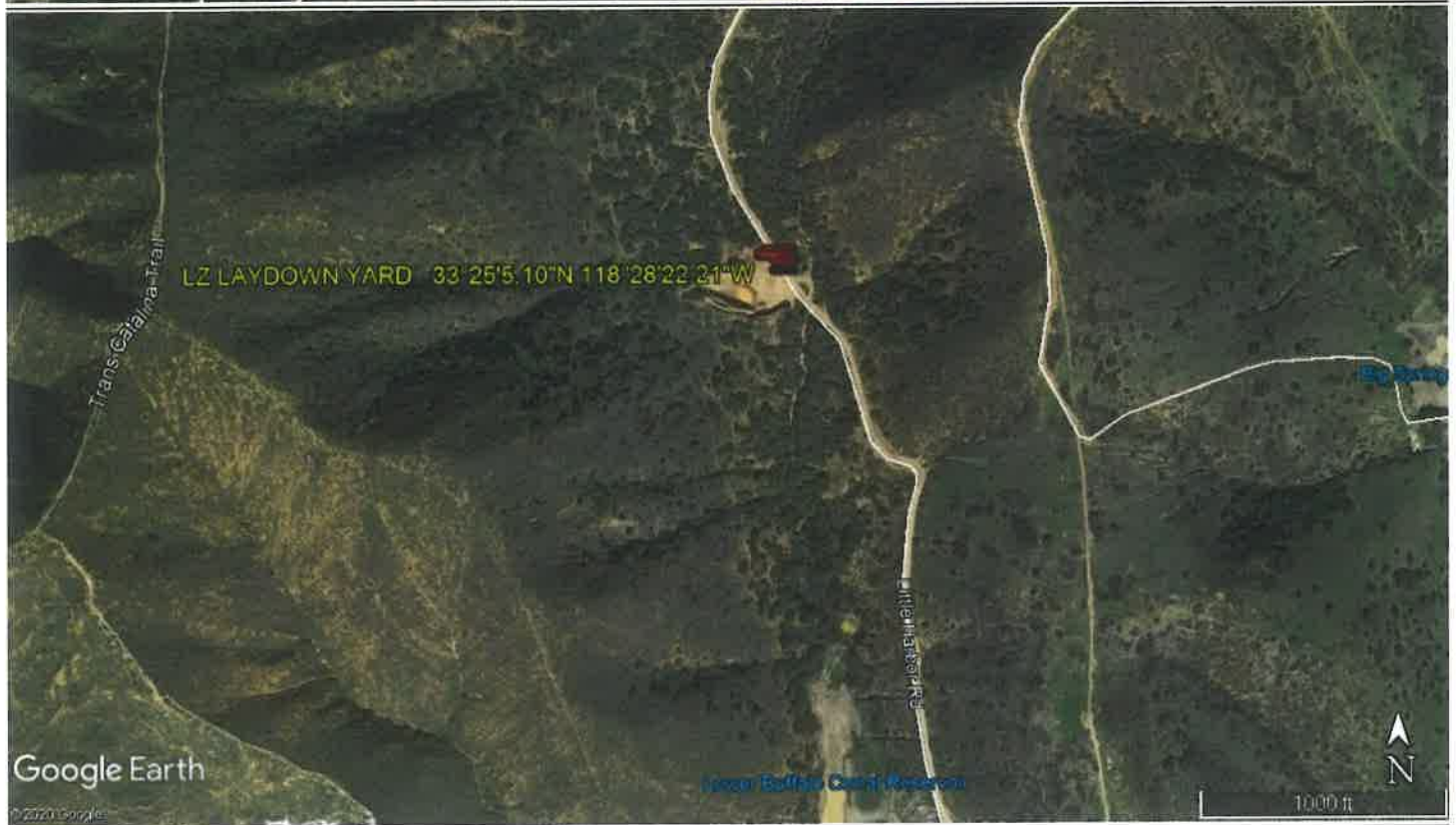
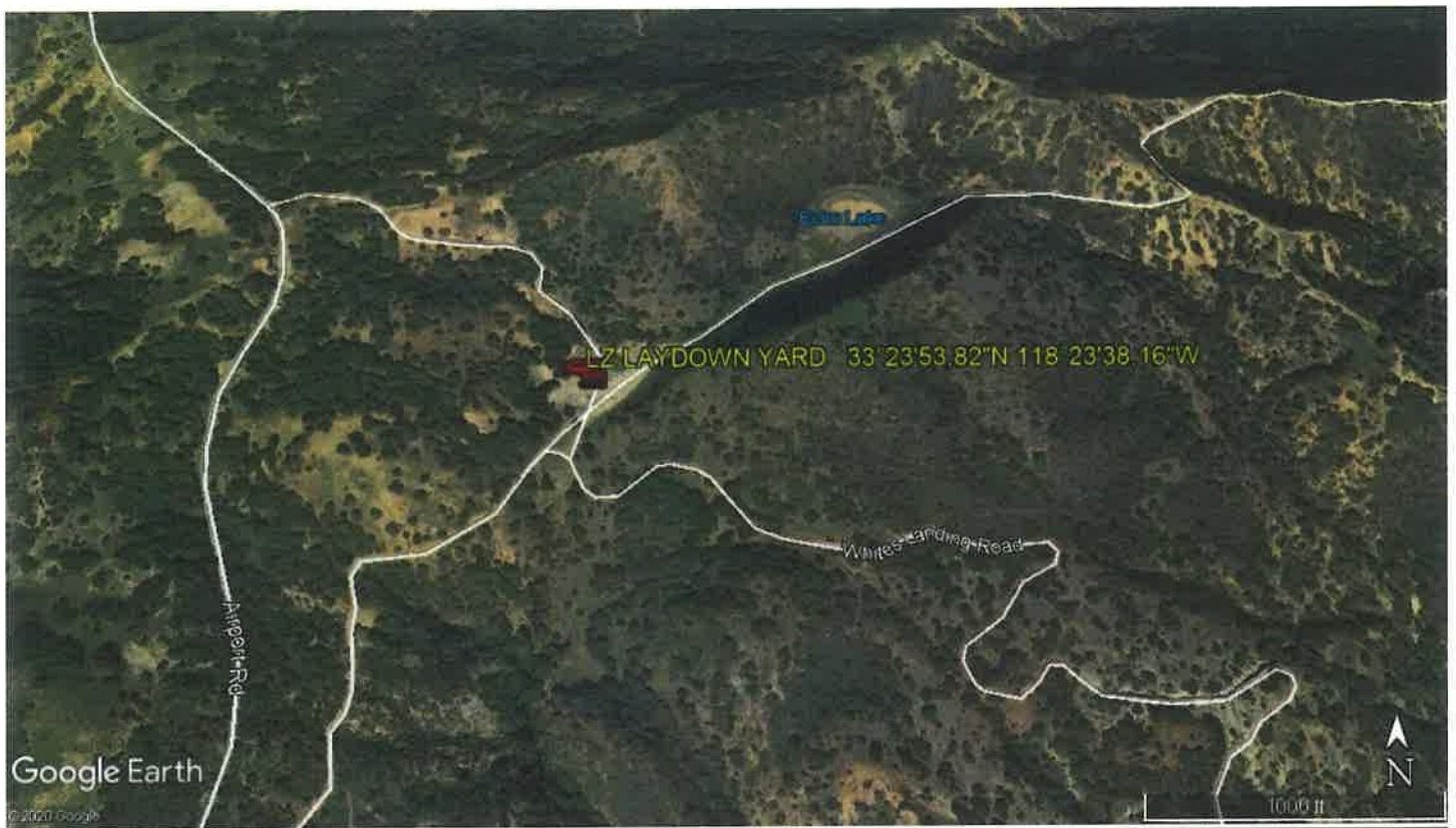
WO #	Pole #	Location	Zone	SEA		CREWS SWD	FOREMAN
TD1382338	1492744E	Big Springs	1	N		7/19/2020	RODRIGUEZ
TD1382345	X10143E	Cape Canyon				7/24/2020	JAEGER
TD1382338	1492734E	Marble Quarry	1	N		7/19/2020	JAEGER
TD1382338	1492742E	Big Springs	1	N		7/19/2020	RODRIGUEZ
TD1382338	1492735E	Marble Quarry	1	N		7/19/2020	JAEGER
TD1382338	1492743E	Big Springs	1	N		7/19/2020	RODRIGUEZ
TD1382338	1492710E	Below Airport	2	N		7/21/2020	RODRIGUEZ
TD1382349	1492711E	Below Airport	2	N		7/21/2020	RODRIGUEZ
TD1382349	1492712E	Below Airport	2	N		7/21/2020	JAEGER

TD1382345	1492689E	Black Jack		1	N		7/24/2020	LAZA
TD1382349	1492691E	Black Jack		2	N		7/24/2020	RODRIGUEZ
TD1382345	1492690E	Black Jack		1	N		7/24/2020	LAZA
TD1382349	1492692E	Black Jack		2	N		7/24/2020	RODRIGUEZ
TD1147210	1492496E	USC Tap Line - HOEFS		1	N		7/18/2020	RODRIGUEZ
TD1382353	4296702E	Toyon Tap Line - HOEFS		0	N			LAZA











7-8-2020

DATE OF SUBMISSION

Jeffrey M. Jantzen

COMPANY OFFICIAL / TITLE