

Vegetation Management - Operations IMT Storm Manual

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1 Introduction

SCE Vegetation Management (VM) and Contractors are responsible for supporting emergency storm event (wind, fire, snow, etc.) restoration activities. SCE VM is often the first responder onsite clearing roads of down trees, creating access to downed poles, and removing hazardous trees that could fall into the wires after they are restored. The IMT Storm Manual provides guidance for both SCE VM and Contractors on storm processes and practices that will enable efficient mobilization and operation of a VM storm team.

During IMT activation, process and procedures are determinate on the event.

2 Applicability

This document is applicable to the Operating Units (OU's) and business partners impacted by ERCP Compliance Requirements including, but not limited to:

- Mail Services
- Operational Services (Environmental Services)
- Compliance Vegetation and Operational Support (Government Lands)
- Local Public Affairs
- Supply Management
- Generation
- Safety, Security & Business Resiliency
- Transmission & Distribution
- UVM Contractors

3 Definitions

Refer to the UVM Program Glossary of Terms (UVM-16) for any capitalized terms used in this document.

4 Document Details

4.1 Storm Monitoring and IMT Activation

1. SCE Fire personnel, Watch Office, or SSP should identify and confirm location of potential storm event and should direct resources accordingly
2. SSP should monitor storm updates remotely or onsite, as feasible
3. SSP should develop a contact list for key internal and external stakeholders (Attachment E)
4. SSP should update Manager on storm status as needed
5. SSP should identify affected circuits
6. SSPs/SPs should scout damage areas via initial needs assessment including anticipated Contractor resource needs (PI, tree crews, traffic control, etc.)
7. SSPs/SPs should discuss strategic approach to VM restoration efforts with Manager
8. SSP should work with Manager to secure additional internal or external CSSP/SSP/SP resources
9. Manager should assign additional CSSP/SSP/SP resources, as needed
10. SSP should work with Manager to secure contractor safety oversight / support
11. Manager and SSPs/SPs should ensure that responding SCE personnel are adequately supplied for emergency first response effort (fire tools, snow chains, contact info, remote communication systems, etc.)
 - a. Many storms operate 12+ hours per day 7 days per week. Managers are responsible for rotating SCE VM resources on the storm to avoid fatigue/burn out.
 - b. Additional equipment, tools, etc., can be secured through the IMT support team.
 - c. If IMT is not activated, food, lodging, drinks, etc., should be secured by VM personnel.
 - d. If IMT is not activated and laydown yards are needed, VM personnel should work with Real Estate Facilities to secure TEP Agreements with the landowner.
12. Manager/Storm Lead should communicate and coordinate with Storm/IMT/DAT activation teams (e.g., Debris Clearance Branch Director, Business Resilience and/or appropriate district contact)
13. Depending on scenarios/district requests, SSP should mobilize emergency crews to support trouble orders as requested by the district
14. Upon knowledge of IMT activation, VM adheres to IMT **process which may include the following:**
 - a. Manager or SSP should contact the IMT *Operations Section Chief* who is responsible for participating in IMT conference calls/meetings and disseminating information to VM stakeholders.
 - b. Manager/Storm Lead should coordinate with other IMT team members (ESD, Government Lands, LPA, Corporate Security, Garage Support, etc.) following IMT established communication protocols.
 - c. IMT should notify SSP when an area is safe/open for restoration. **NOTE:** If IMT is not activated, the Wildfire Safety Team will notify SSP – (ensure all SSPs involved are on the distribution list – refer to Attachment F: Sample Email from SCEWildfireAlerts)

4.2 Contractor Mobilization

1. SSP should conduct a resource needs assessment during the inspection to develop Scope of Work (SOW). Key considerations include:
 - a. Total line miles
 - b. Historic tree/vegetation inventory in area
 - c. Expected safe production levels for inspectors and crews
 - d. Consider line/veg crew ratios
 - e. Accessibility
 - f. Air Quality/Accessibility limitations due to terrain or environmental concerns
 - g. Implementation of specialty equipment (reduce human need and increase safety)
 - h. Skills qualification, certification, needs assessment
2. SSP should work with Manager/Storm Lead to develop and present the needs assessment to Operations Principal Manager.
3. Operations Principal Manager should delegate or share the approved needs assessment with RPPM to assess contractor resources and availability.
4. RPPM should delegate or reach out to prime contractor to discuss contractor capacity to meet additional needs.

4.3 SCE Team Organization and Contractor Oversight

1. Prime contractor(s) should provide input on their ability to meet resource needs and a ramp up plan demonstrating crew composition, supervision spans of control, Safety Professional spans of control, special equipment, etc.
2. If prime contractor(s) is/can meet needs, Ops Manager / Storm Lead should request and authorize the resources
 - a. RPPM should assess impacts to scheduled work (where contractors are being released from) and will coordinate work prioritization and invoicing accordingly
 - b. RPPM should identify and release contractor crews accordingly
3. If prime contractor(s) cannot meet additional resource needs:
 - a. RPPM should inquire on "other" contractor resource availability with Supply Chain team
 - b. Supply Chain should provide anticipated SOW and estimated resource needs to additional Contractor(s) following the Supply Management process
4. If "other" prime contractors cannot bring on additional resources:
 - a. RPPM with support from Operations should contact Supply Management (SM) with resource requirements
 - b. Supply Management should review requirements against standby contractor list, and find match
 - c. Supply Management should reach out to identified contractors to validate availability
 - d. Supply Management should discuss SOW and crew qualifications with contractor
 - e. Based on SOW and known storm conditions, contractor and SCE should determine any special equipment needs, equipment demonstrations and rates for use
 - f. Supply Management should compile a list of available contractors and qualifications and share options with VM
 - g. Vegetation Management, Supply Management, and Contractor Safety should select and onboard the qualified contractor

5. Inspection and Tree trimming contractors should submit a ramp up/mobilization plan. Tree crew plans are to include names and qualifications of each crew member. The Ramp Up plan should also demonstrate appropriate spans of control for supervisors (General Foreman) and Dedicated Safety Professionals. Safety Professionals will NOT perform work during the emergency/storm efforts.
6. Ops Manager should review and approve the Ramp Up plans. Crews/resources not listed on the approved Ramp Up plan will not be permitted to mobilize to the site and are NOT eligible for standby time. If individuals remain on property beyond the storm event will require ISN approval. **NOTE:** Contractors providing temporary storm support are not required to complete the ISN badging process.
7. Ops Manager should coordinate with RPPM to coordinate work prioritization, ramp-up/down and invoicing
 - a. RPPM should communicate resource arrival times/dates and provide staging location for arrival to resources
8. Upon onboarding completion, Ops. manager and SSP should provide contractor with a detailed orientation that covers SOW including safety, roles, responsibilities, company protocols, processes, procedures, and expectations.
 - a. Sample Orientation Topics:
 - i. SOW
 - o Plan of work (felling, special equipment, etc.) and crew qualification requirements. **NOTE:** Any Storm/Emergency/P1 work is NOT a training opportunity for activities other than those that are required for the response. Crews need to be qualified, safe, and efficient!
 - ii. Safety and logistics
 1. SSP should provide primary staging location and initial tailboard related to the SOW
 2. SSP should ensure that Contractor is following all safety plans, fire plans, etc. applicable to the work.
 3. Contractor should have appropriate leadership and safety oversight/ presence (i.e., minimum of 1:20 ratio or at the discretion of SCE management- safety personnel to employee).
 4. Contractor should have daily check-in/out procedures as outlined in the CHOC and Hazard Awareness Safety Plan (HASP). Contractor should complete and submit daily SCE Disaster Response Timesheets (DRTs).
 5. Contractor should have communication tools and procedures (Radios, Satellite phones, GPS locater, etc. applicable to storm response)
 6. Contractor should ensure that personnel/crews assigned to the storm are qualified/trained and appropriately equipped to complete work safely and efficiently
 7. Contractors should ensure specialty equipment is included in the Hazard Awareness Safety Plan (HASP) and equipment rates are included in the contract.
 - iii. Protocols:
 1. SSP should provide protocol instructions including job hazards, process for contacting landowners, wood debris management, process for unblocking roads/traffic control, and ongoing communication from the IMT
 - o If IMT is overseeing responses – operational updates may provide the Incident Action Plan (AP)
 - o For Non-IMT - SSP should notify SCE Safety and SCE Environmental Services (ESD) of VM scope and schedule associated with restoration efforts.

4.5 Yard Supplies and Set-up

Once a yard/staging area is identified, SSP/Ops Manager should coordinate with the IMT and Contractor on permits for yard use and a yard site plan. Yard site plans should include areas for parking large equipment, personal vehicles, office box, restrooms, shade and supplies, storage of supplies, mechanic area, material drop off and loading, temporary storage of wood debris for haul operations, and vehicle traffic routes/patterns or as other needs arise based on the storm response.

- During IMT activation, the Logistics team becomes the contact and primary support for supplies (i.e., water/food/toilets/easy up shade covering/tables/chairs/generators/trash/COVID/PPE). SSPs should check with their manager before ordering supplies through the Logistics team and should coordinate orders with the IMT for efficiency and to avoid duplicative ordering.
- During non-IMT activation, the area Ops Manager (with additional support from other VM departments, as necessary) should approve purchases via company credit card, contractor pass through costs, or Purchase Orders.

Key logistic considerations should include, but not be limited to:

- Availability and staging of restroom facilities at the yard/staging area and in proximity to VM work locations
- Coordination with SCE Corporate Security for overnight yard protection and other site-specific safety issues (snow, pedestrians, traffic)
- Shade, seating, tables
- Food/Water/Snacks for SCE VM and Contractors
- Power
- Remote Communication Equipment
- Night lighting
- Office Space
- Office Supplies – paper, pens, printer, clipboard, dry erase, pin boards, desks, chairs
- Internet Access
- Circuit Maps (two hard copies), identification of WMS tool (Fulcrum, Arbora, Field Maps, Survey123, etc.)
- PPE
- COVID supplies and procedures (if applicable) and other health measurements
- Forklift operations
- Cones, yard maintenance equipment, such as forklifts, erosion control, snowplows, etc.

Refer to Attachment A: Sample Yard Site Plan and Supply List for a list of commonly required supplies.

4.6 Emergency Action Plan

The Ops Manager and/or SSP should develop a storm-specific Emergency Action Plan (EAP) and should review it with the Contactor(s) for feasibility before implementation. The key details of the EAP, including nearest hospital, onsite emergency communication procedures and evacuation location should be conveyed to all onsite personnel at daily tailboards. Any changes should be communicated to the team ASAP. A sample EAP is included in Attachment B.

4.7 Work Tracking and Reporting

- Work tracking:
 - SSP should field validate pending and completed storm work in the designated Work Management System (WMS)

- RPPM should monitor progress and generate reports for pending and completed work electronically
- SSP should confirm with Contractors that all personnel have access to the designated Work Management System, as needed.
- SSP should set priorities for Contractors including P1s and P2s along access roads, SCE facilities, IMT requests for support, etc. **Note:** SCE Damage Assessment Teams (DAT) identify damage to poles and wires, not trees.
- Contractor should complete work and document completion in the designated Work Management System
- Contractor should report to Ops Manager or RPPM of any issues preventing completion or updating WMS immediately
- Leverage Quality Control (QC), depending upon capacity
- Reporting
 - RPPM should create daily reports
 - Daily reports should include but not limited to quantity of trees prescribed by Pre-Inspectors, assigned to Tree Crews, mitigated by Tree Crews, and constrained (Environmental, Access, Agency, etc.)
 - General assessment of ongoing progress toward event conclusion
 - RPPM should report on VM's restoration progress to the Ops Manager and IMT Debris Clearance Branch Director

4.8 Daily Disaster Response Timesheet Process

- To ensure billing accuracy for storm related events, two forms will be used when a storm event is activated:
 - Daily Disaster Response Timesheet (DRT)
 - Stand-by Hours Tracking System Log
- Conditions when a Stand-by Rate may apply:
 - Storm event (wind, fire, rain)
 - A unique SCE storm WO number has been established
 - Vegetation Management Operations will notify contractors of the storm event and determine applicability of stand-by rate.
- A more detailed review of these processes and job aids are included in Attachment C

4.9 VM Strike Team Organization Roles & Responsibilities

Onsite team may include the roles below depending on the size of the storm event.

- **Operations Principal Manager** – IMT activation and executive reporting to the Incident Commander (IC)
- **Operations Sr. Manager** - single point of contact for communication with the IMT and yard setup and logistics
- **Operations Manager** – oversee storm restoration efforts for VM Documenting decisions in real time, including communicating with T&D management to coordinate restoration efforts. Develop and communicate QA/QC restoration plan for pre-inspection and tree mitigation activities.
- **Crew Supervisors and SSP** - oversee PI/crew safety, quality of work, and serve as an additional resource for Contractors to escalate issues to the VM IMT POC, proper flow downs to field resources level (GF to field level), and communicates with landowners prior to cutting trees in private property
- **Analyst** – record keeping, decisions log (real time), timekeeping
- **Logistics Lead** - order food and supplies, intake of deliveries
- **Yard POC** - organize the yard, ensure yard safety (cords, parking, pedestrian traffic, etc.)
- **SCE Safety Specialist** – contractor safety management Consistent AQI communications for internal and external partners
- **SCE Environmental Lead** – reporting environmental compliance mitigation efforts, identify resources needed as applicable, consult with Ops Manager for resource needs

5 Approvals

Program Manager	Signature	Date
Jeffrey Copeland, Principal Manager	<i>Jeff Copeland – Approved via email</i>	10/11/22

6 Revision History

Revision Number	Date	Description of Revision	By	Next Review Date
0	10/24/22	Initial Release	Jeff Copeland	N/A

7 References

External References

- Arboriculture Operations Safety Requirements ANSI Z133-2017

Internal References

- UVM-13, UVM Safety Manual
- UVM-16, UVM Program Glossary of Terms
- EHS Handbook for Contractors
- ESD Handbook for Contractors (*forthcoming*)

8 Distribution and Data Retention

The official version of the document shall be stored in the UVM Operations SharePoint Document Library while in effect and retained for at least seven (7) years thereafter.

Distribution list:

- E&C Operational Compliance Group
- Impacted OU Touchpoints
- Vegetation Management team
- E&C Portal
- VM Contractor General Forepersons

9 Key Contacts

- UVM Principal Manager, Operations: Jeff Copeland, (310) 995-6178

- UVM Senior Manager, Resource Planning and Performance Management: Minhthu Duong (714) 812-3306
- UVM Manager, Operations: Amanda Duchardt, (626) 483-0635
- UVM Manager, Operations: Brian C. Sprinkle (559) 685-3654
- UVM Manager, Scheduling and Resource Planning: Joseph Scaminaci (714) 934-3600

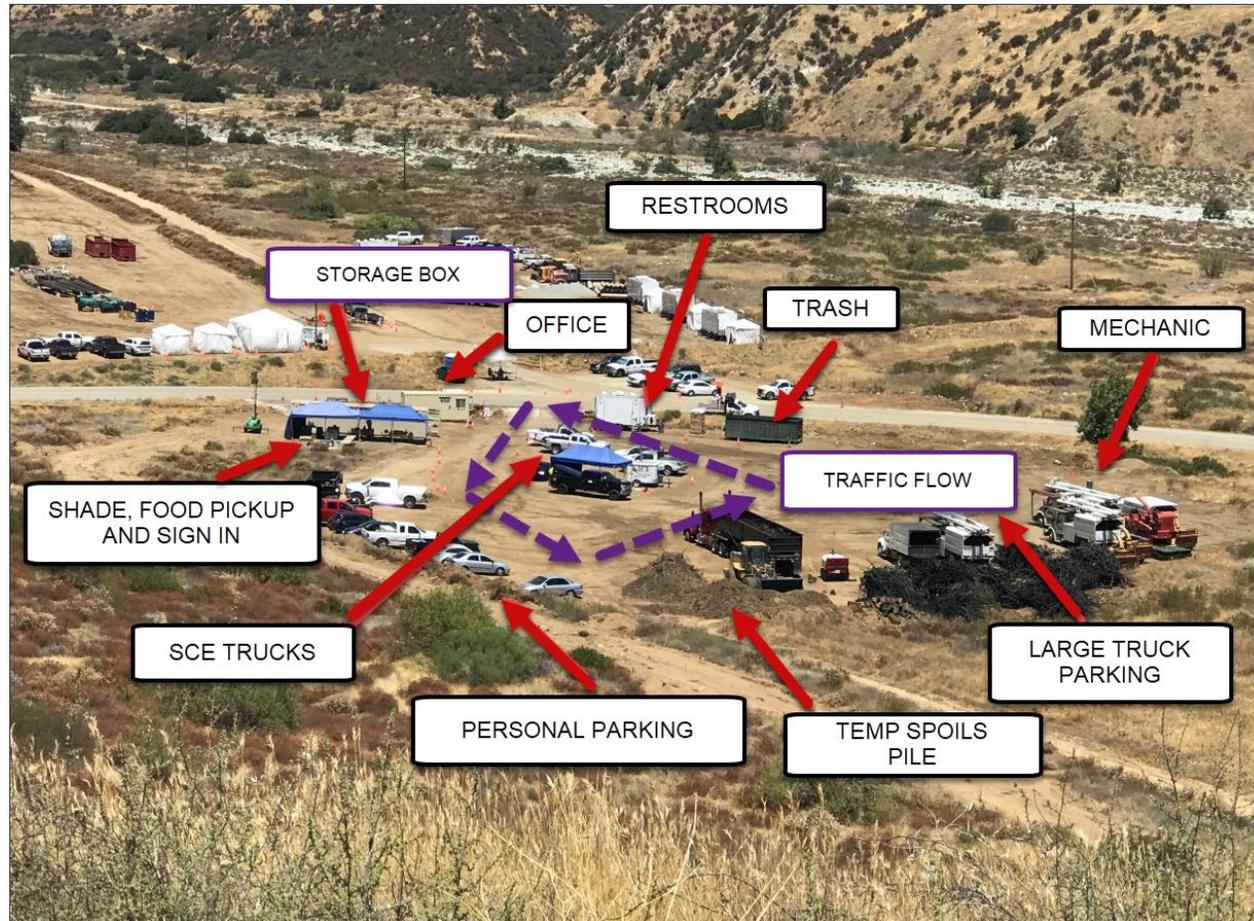
10 Attachments

- Attachment A: Sample Yard Layout and Supply List (4 pages)
- Attachment B: Sample Emergency Action Plan (5 pages)
- Attachment C: Invoicing for Storm Events (6 pages)
- Attachment D: Key External and Internal Stakeholder Contact List
- Attachment E: IMT Structure for Debris Management Branch

SCE	Legal, Regulatory, and Compliance	Transmission & Distribution Utility Vegetation Management Program	Reference	Doc. No.	N/A	 SOUTHERN CALIFORNIA EDISON Energy for What's Ahead SM
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Attachment A: Sample Yard Layout and Supply List

Sample Yard Layout



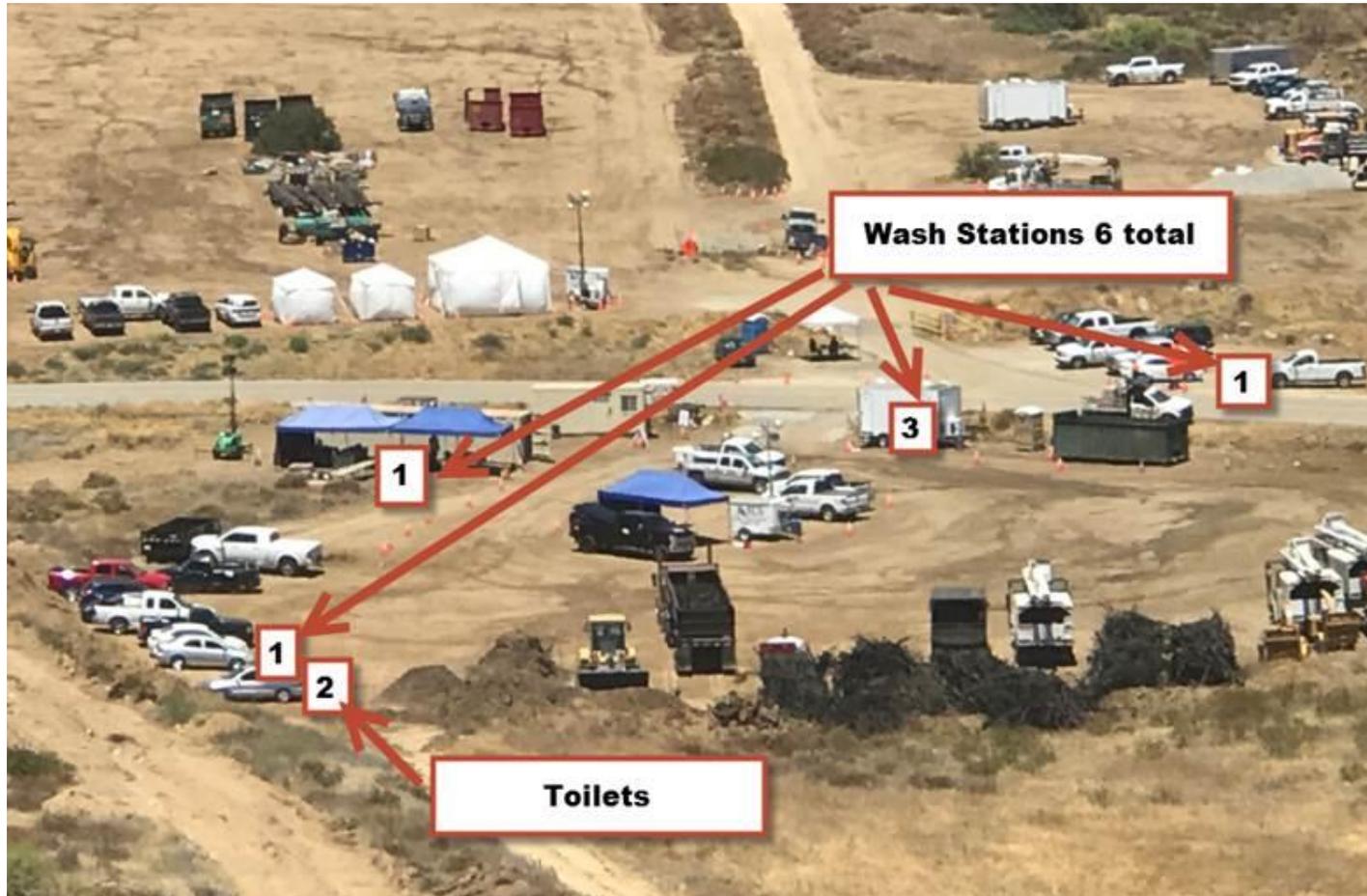
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COVID Precautions



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Sample Supply List

- Conex for supply storage with lock/keys
- Mobile office or mobile command center (AC/heater)
 - Wi-fi (Plum case)
 - Printer, printer paper, replacement ink
 - Desks
 - Power strips and extension cords
 - Notepads, sticky notes
 - Pens, Sharpies, Highlighters, Dry erase
 - Paperclips, binder clips, stapler, staples, tape
 - Pin board, push pins
 - White board, eraser, magnets
 - File box with folders and/or paper organizer
- Generator(s) and gas
- Portable restrooms and wash stations
- Traffic Cones
- Night lighting
- Trash cans and trash bags
- Trash dumpster
- Easy ups with weights and ratchet straps
- Folding tables and chairs
- Cleaning Supplies – sanitizing wipes/spray and paper towels
- Water/Food – pallets of water and Gatorade, ice, K-cup coffee maker and pods, variety of snacks (Candy bars, beef jerky, Oreos, power bars), cater breakfast and lunch (go bags) through Mail Services
- Sat phones, long distance radios (if working in remote locations)
- PPE – Extra hard hats, vests, safety glasses, gloves, COVID masks, hand sanitizer
- First Aid kit and AED
- Fire tools/water backpack
- Space heaters (depending on weather)
- Polaris with doors, helmets size L-XXXXL (if working in rough off-road conditions)

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Attachment B: Sample Emergency Action Plan

Project Name: Southern California Edison – Apple Fire Restoration
Project address: Bluff St and Forest Rt 2S01, Banning, CA

Emergency Contacts:

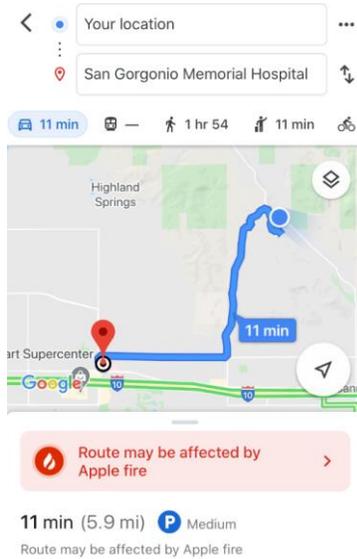
- SCE Site Manager- Mike Jones / 559-786-4154 or David Gonzalez / 951-566-7113
- SCE Security- Don Roberts / 951-249-8368
- SCE Safety-Jonathan “Jon” Pena / 808-699-5292 or Michael “Theo” Colantuono / 626-201-3169
- Environmental Advisors- Katie Whiteside / karen.whiteside@sce.com

Fire & Rescue (Local)

- Name- Banning Fire Station 35
- Address- 531080011, Banning, CA
- Phone- NA

Medical Facility (Emergency)

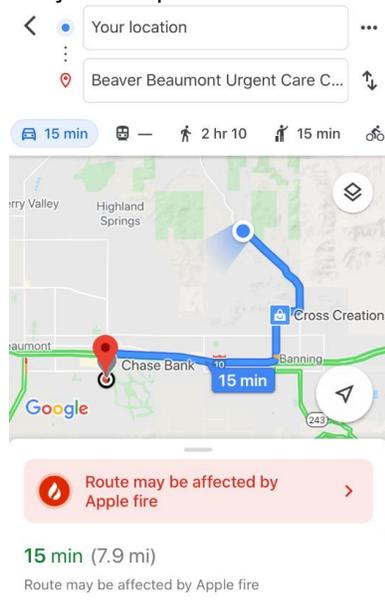
- Name- San Gorgonio Memorial Hospital
- Address- 600 Highland Spring Ave., Banning, CA 92220
- Phone- 951-845-1121
- Head west on Bluff St toward Gunner St (uphill 0.9 mile)
- Turn left onto Mesa St (2.7 miles)
- Turn right onto W Wilson St (2 miles)
- Turn left onto N Highland Springs Ave (0.1 mile)
- Turn left onto Memorial Dr (400 ft)
- Arrive on the left



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Medical Facility (Non-emergency)

- Name- Beaver Beaumont Urgent Care
- Address- 81 S Highland Springs Ave, Beaumont, CA 92223
- Phone- 951-845-0313
- California.providence.org
- Hours
- Daily 7am -9pm



State Police

- Name- California Highway Patrol
- Address- 195 Highland Springs Ave, Beaumont, CA 92223
- Phone- 951-769-2000

Local Police/ Sheriff

- Name- Banning police Department
- Address- 125 E. Ramsey St, Banning, CA 92220
- Phone- 951-922-3170

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Onsite Communication Methods

The following methods can and/or will be used for all onsite communication: Cell phone, satellite phone, hand signals, air horn/ whistle, 2-way radio, or any other means of communication deemed necessary for safe work.

Daily Check-in

- All VM, Security, and Traffic Control personnel will participate in a MANDATORY tailboard at the Apple Fire South Yard daily at 7am.
- Personnel arriving after 7am will be required to receive a safety debrief from a supervisor or the IMT VM Branch Logistics Lead or SCE VM Crew Lead.
- All VM, Security, and Traffic Control personnel will sign in on the sign in/sign out sheet with their name and phone number.
- The IMT VM Branch Logistics Lead will maintain the daily sign in/sign out sheet.

Work Location Communication Leads and Communication Networks

Establish Contractor Communication Leads as follows:

- Tree Crews will work in groups of ~8 crewmen under the supervision of a GF. The GF will be equipped with a sat phone, walkie talkie or other remote communication device that will ensure communication when cell reception is not available.
- Pre-inspection (PI) personnel will work in a group of 8 crewpersons and will appoint a contact person that will be equipped with a sat phone, walkie talkie or other remote communication device that will ensure communication when cell reception is not available.
- Each traffic control crew will be equipped with a sat phone, walkie talkie or other remote communication device that will ensure communication when cell reception is not available.
- Other safety, equipment operators, etc. working independently onsite will be equipped with a sat phone, walkie talkie or other remote communication device that will ensure communication when cell reception is not available.
- Each Contractor Communication Lead will be assigned to a Communication Network under a SCE Communication Lead.

Establish SCE Communication Leads as follows:

- VM Tree Crew Communication Lead/Network – Responsible for intake and relay of safety communications from Tree Crew Communication Leads and other tree crew contractor safety, equipment operators, etc. to IMT VM Branch Logistics Lead.
- VM Crew Communication Lead/Network - Responsible for intake and relay of safety communications from Security Communication Leads, Traffic Control Communication Leads, and additional tree crew Communication Leads (as applicable) to IMT VM Branch Logistics Lead
- PI Communication Lead/Network - Responsible for intake and relay of safety communications from PI Communication Lead to IMT VM Branch Logistics Lead.
- The IMT VM Branch Logistics Lead is responsible for communicating safety messages from the IMT to the SCE Communication Leads, as needed.

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Communication Expectations:

- Each person is responsible for personal safety, situational awareness and calling a STOP WORK when they see an unsafe condition, including unanticipated fire activity.
- If an evacuation is required, the Contractor or SCE Communication Lead (personnel with a sat phone, walkie talkie or other communication device) will communicate the evacuation to the IMT VM Branch Logistics Lead and other Communication Leads within their assigned Communication Network.
- The IMT VM Branch Logistics Lead will maintain a contact list for each Communication Network and Lead and will relay the evacuation order (or other safety communications) to ensure all personnel are informed and able to evacuate, as needed.
- Communication Leads will be required to check in with the IMT VM Branch Logistics Lead at lunch AND prior to leaving the work area to return to the yard at the end of the day.

Daily Check-out

- All VM, Security, and Traffic Control personnel will sign out on the daily sign in/sign out sheet.

Evacuation Protocol

- Upon notification of an evacuation event, personnel will proceed immediately and safely to the VM Apple Fire South Yard.
- If it is unsafe to travel to the VM Apple Fire South Yard, personnel will evacuate to one of several designated safe areas within Banning Canyon as documented in the Fulcrum app. These areas are in the back, unlikely to burn in the event of another fire and may provide some protection depending on the nature of the emergency.
- If the VM Apple Fire South Yard requires evacuation, the backup evacuation location is Stewart Park in Beaumont (33.9343207,-116.9736333).

Directions

- Earthquake relief: Get from underneath overhead powerlines as quickly and as safe as possible and get to designated muster point. (notice Tower Angle)
- Lightning/ severe weather/Natural Disaster: Remain in vehicle and wait for further
- Active Shooter: Fright, Flight, Fight
- Fire emergency: Evacuate area safely and call 911/ emergency services
- Site evacuation route: See map
- Material safety data sheets: Contractor will have master sheets in safety office.
- First aid locations: At the yard under the blue canopy where crews signed in for the day. (kit)
- AED [IS LOCATED IN SCE TRAILER \(Pending delivery\)](#)

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EVACUATION ASSEMBLY AREAS

Apple Fire South Yard (Base Camp) and Other Safe Zones on the Project Site



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Attachment C: Invoicing for Storm Events

Invoicing for Storm Events



Overview

To ensure billing accuracy for storm related events, two forms will be used when a storm event is activated:

- Daily Disaster Response Timesheet (DRT)
- Stand-by Hours Tracking System Log

Conditions when a Stand-by Rate may apply:

- Storm event (wind, fire, rain)
- A unique SCE storm WO number has been established

Vegetation Management Operations will notify contractors of the storm event and determine applicability of stand-by rate.

Daily Disaster Response Timesheet (DRT)

When a storm is activated, the Daily Disaster Response Timesheet (DRT) is sent to the contractor(s) to document/log crew/equipment type and hours on a daily basis. The completed DRT is provided daily to the VM Operations for approval.

NOTE: If timesheet is not signed/approved by the appropriate VM approver, then the invoice will be rejected.

Stand-by Hours Tracking System Form

The logistics team will maintain and complete the Stand-By Hours Tracking System form to help verify and document stand-by hour communication, direction, and duration per vendor and provided to VM Operations. VM Operations performs a review of the completed DRT against the Stand-by Hours Tracking System form to ensure hours are accurately logged and information is complete. VM Operations will sign to approve the DRT and uploads both forms to the SharePoint.

Invoice Submission and Approval

Contractor will submit invoices along with copies of the completed and approved DRT in Ariba using the current process. The Invoicing team will review invoice documentation submitted by contractor to the approved DRT and Stand-by Hours Tracking System log to ensure that the hours match for payment submission.

If timesheet is not signed/approved by the appropriate VM approver and hours do not match, the invoice will be rejected.

T&D
Vegetation Management

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SCE Internal Use Only
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Daily Disaster Response Timesheet

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Southern California Edison: Daily Disaster Reponse Timesheet													
Event:													
District:													
Date:													
Billing Code:													
Company:													
General Foreman:													
	Crew/Equip Type	Unit Count	Start	Stop	NT	OT	PT	SBNT	SBOT	SBPT	PerDiem	Total Hours	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
TOTAL CREW/EQUIPMENT HOURS:													
General Foreman Signature:													
Timesheet Authorizer Name:													
Timesheet Approval Signature:													
Crew Locations (Structure # to Structure #, Towers, Poles, Etc):													

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Supersedes		N/A				
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Crew/Equipment Type for AW

Crew/Equip Type	
1	A Crew- 2-man crew with 60 ft. aerial bucket truck & Chipper
2	B Crew – 2-man crew with a property line truck & Chipper
3	C Crew – 3-man crew with 60 ft. aerial bucket truck & Chipper
4	D Crew – 3-man crew with property line truck & Chipper
5	E Crew – 1 man (Inspections/ TEMA Support) crew with pickup truck
6	F Crew – 3-man crew with 70 ft lift truck, chipper and tools
7	G Crew – 1 man (Salary Foreman / Arborist) w. pickup truck, PPE and phone
8	H Crew – 3-man crew with 100ft boom, chipper, tools and dump fees
9	I Crew – 3-man crew with 125 ft. boom, chipper, tools and dump fees
10	J Crew – 2-man prentice loader with tools and dump fees
11	Spyder Lift
12	Customer Coordinator
13	All Terrain Vehicle (w trailer if needed)
14	Mechanic Service Truck w/Tools, and Equipment
15	Grapple Loader
16	Dump Trailer
17	Log Truck
18	Crane Truck
19	Track Chipper
20	Track Chipper- Medium
21	Track Chipper-Medium 18" DBH
22	Track Chipper- Large 20" DBH
23	Whole Tree Chipper
24	Traffic Control Flashing Arrow Trailer
25	Skid Steer Rubber Tracked w/Grapple Bucket
26	Stump Grinder
27	Water Truck 2500 Capacity
28	Water Truck 4000 Capacity
29	Skidder Rubber Tired
30	Masticator- Small
31	Masticator - Medium
32	Masticator - Large
33	Excavator - Medium
34	Excavator - Large
35	Telescoping Grapple Saw - 60'
36	Telescoping Grapple Saw - 68'
37	Telescoping Grapple Saw - 92'
38	Telescoping Grapple Saw - 4x4 68'
39	Lancer
40	Equipment Trailer
41	Truck Low Boy Transport
42	Trailer Low Bed
43	All Terrain Crane
44	Sky Trim insulated 75' All Terrain
45	2018 Timber Pro TF-830 W/Operator
46	X3-22 MAN PERSONNEL CARRIER KATO-IC-75 W/OPERATOR
47	KMC MODEL 2500 W/Operator
48	KOORAC 3600 W/Operator
49	KMC 2600 W/Operator

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Crew/Equipment Type for MTS

Crew/Equip Type		Crew/Equip Type	
1	A Crew - 2-man crew with 60 ft. aerial bucket truck & Chipper	27	TigerCat 480B Tracked w/ Mulching Head
2	B Crew - 2-man crew with a property line truck & Chipper	28	SC1 - Consists of a two man crew - A High Hazard Tree Specialist with a highly experienced Rigging technician (includes necessary
3	C Crew - 3-man crew with 60 ft. aerial bucket truck & Chipper	29	SC2 - Consists of a three man crew- 2 High Hazard Tree Specialists with a highly experienced Rigging technician (includes necessary
4	D Crew - 3-man crew with property line truck & Chipper	30	SCATV Off Road Vehicle ATV
5	E Crew - 1 man (Inspections/ TEMA Support) crew with pickup truck	31	PrimeTech 300 w/ FAE Mulching Head w/ Operator
6	F Crew - 3-man crew with 70 ft lift truck, chipper and tools	32	Hydro Axe 721E w/ Fecon Masticating Head w/ Operator
7	G Crew - 1 man (Salary Foreman / Arborist) w. pickup truck, PPE and phone	33	Linkbelt 225 Excavator or Equivalent w/ Operator Medium
8	H Crew - 3-man crew with 100ft boom, chipper, tools and dump fees	34	Air Curtain Burner S330 Air Burner (Equipment only) (75 HP) 11-13 tons
9	I Crew - 3-man crew with 125 ft. boom, chipper, tools and dump fees	35	Air Curtain Burner S223 Air Burner (Equipment only) (49 HP) 7-9 tons
10	J Crew - 2-man prentice loader with tools and dump fees	36	Large Horizontal Grinder 900-1200 HP On tracks (Equipment only)
11	Spyder Lift	37	Bandit Beast Recycler 3680 Horizontal Grinder on Tracks (Equipment only)
12	Line Clearing Foreman	38	Bandit 3680XP Horizontal Grinder w/ wheel (Equipment only)
13	Journeyman Trimmer	39	Bandit 2290 Track Chipper w/ Grapple (Equipment only)
14	Groundman	40	Bandit 1890 Track Chipper w/ Grapple (Equipment only)
15	Customer Coordinator	41	CAT 966 Wheel Loader or equivalent (Equipment only)
16	SSP	42	CAT 950 Log Loader/ roll out bucket or Equivalent (Equipment only)
17	Traffic Control	43	LG Wheel Loader/JD 644K/Volvo L90H /SDLG (Equipment only) SDLG Wheel Loader /JD 644K/Volvo L90H wheel
18	Crane with Operator and Oiler	44	Semi Truck w/ Trailer (Equipment only)
19	Lister/ Pre-Inspector with Pickup Truck	45	Grapple Truck 110 Yd (Equipment only)
20	Skid Steer with operator and spotter	46	Skidsteer w/ Fecon Head (Equipment only)
21	General Foreman	47	Skidsteer w/ Brush Bucket/grapple Head (Equipment only)
22	Sennebogen 718E - Tree Care Handler Includes mobilization	48	ECO CAF 60 Fire Retardant Suppressant System (Equipment only) Compressed air foam System
23	Albach Diamant 2000 - Mobile Chipper Includes mobilization	49	Water Truck (Equipment only)
24	Falbach Tree Handler Telescopic Boom Includes mobilization	50	Forestry Approved - Water Tender on Trailer 500 gal (Equipment only) 250' Hose and Chainsaw
25	Prime Tech 300 - 275HP with FAE Mulching Head	51	All Terrain Vehicle - Polaris or Equivalent (Equipment only)
26	TimberPro - TL 745 D Feller Buncher	52	Equipment Operator (E crew can be substituted)

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Crew/Equipment Type for RG

Crew/Equip Type	
1	A Crew- 2-man crew with 60 ft. aerial bucket truck & Chipper
2	B Crew – 2-man crew with a property line truck & Chipper
3	C Crew – 3-man crew with 60 ft. aerial bucket truck & Chipper
4	D Crew – 3-man crew with property line truck & Chipper
5	E Crew – 1 man (Inspections/ TEMA Support) crew with pickup truck
6	F Crew – 3-man crew with 70 ft lift truck, chipper and tools
7	G Crew – 1 man (Salary Foreman / Arborist) w. pickup truck, PPE and phone
8	H Crew – 3-man crew with 100ft boom, chipper, tools and dump fees
9	I Crew – 3-man crew with 125 ft. boom, chipper, tools and dump fees
10	J Crew – 2-man prentice loader with tools and dump fees
11	Track Loader Medium
12	Track Loader Small
13	Whole Tree Chipper
14	Excavator
15	Customer Coordinator
16	Mulcher/Masticator
17	Roll Off Trailer
18	Polaris/Razors Includes an A Crew Personnel (All Inclusive)

Crew/Equipment Type for UTS

Crew/Equip Type	
1	A Crew- 2-man crew with 60 ft. aerial bucket truck & Chipper
2	B Crew – 2-man crew with a property line truck & Chipper
3	C Crew – 3-man crew with 60 ft. aerial bucket truck & Chipper
4	D Crew – 3-man crew with property line truck & Chipper
5	E Crew – 1 man (Inspections/ TEMA Support) crew with pickup truck
6	F Crew – 3-man crew with 70 ft lift truck, chipper and tools
7	G Crew – 1 man (Salary Foreman / Arborist) w. pickup truck, PPE and phone
8	H Crew – 3-man crew with 100ft boom, chipper, tools and dump fees
9	I Crew – 3-man crew with 125 ft. boom, chipper, tools and dump fees
10	J Crew – 2-man prentice loader with tools and dump fees
11	Spyder Lift
12	Line Clearing Foreman
13	Journeyman Trimmer
14	Groundman
15	Customer Coordinator

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Attachment D: Key External and Internal Stakeholder Contact List

Agency Name	Contact Names / Emails
Sierra NF High Sierra RD	<ul style="list-style-type: none"> George, Jon- FS Jonathan.George1@usda.gov Sorini, Kim- FS kim.sorini@usda.gov
Sierra NF Bass Lake RD	<ul style="list-style-type: none"> George, Jon- FS Jonathan.George1@usda.gov Christie, Jennifer -FS, NORTH FORK, CA jennifer.a.christie@usda.gov
Sierra NF Dispatch (aircraft notifications and emergencies)	<ul style="list-style-type: none"> snfdispatch@fs.fed.us
Sequoia NF	<ul style="list-style-type: none"> Johnston, Barbara - FS, PORTERVILLE, CA Barbara.Johnston@usda.gov LaPrice, Eric- FS eric.laprice@usda.gov Watson, Alfred -FS alfred.watson@usda.gov Elgart, Stephen - FS, KERNVILLE, CA Stephen.Elgart@usda.gov
Sequoia NF Dispatch (aircraft notifications and maybe emergencies)	<ul style="list-style-type: none"> Central California Interagency Emergency Communication Center cacccc@firenet.gov
Sequoia Kings Canyon NP	<ul style="list-style-type: none"> SEKI Superintendent, NPS <SEKI_Superintendent@nps.gov> Boerke, Elizabeth L Elly_Boerke@nps.gov Fiorino, Theresa Theresa_Fiorino@nps.gov Brown, Amy L Amy_Brown@nps.gov
Sequoia Kings Canyon NP dispatch (law enforcement and emergencies)	<ul style="list-style-type: none"> SEKI Dispatch, NPS SEKI_Dispatch@nps.gov
Sequoia Kings Canyon NP Aviation	<ul style="list-style-type: none"> SEKI Aviation, NPS SEKI_Aviation@nps.gov
CDFW Fresno	<ul style="list-style-type: none"> Battistoni, John@Wildlife John.Battistoni@wildlife.ca.gov
USACE Lake Kawe	<ul style="list-style-type: none"> Miller, William E CIV USARMY CESPCK (USA) William.Miller@usace.army.mil Watson, Ryan B CIV USARMY CESPCK (USA) Ryan.B.Watson@usace.army.mil Foster, Calvin CIV USARMY CESPCK (USA) Calvin.Foster@usace.army.mil
USACE Lake Success	<ul style="list-style-type: none"> Foster, Calvin CIV USARMY CESPCK (USA) Calvin.Foster@usace.army.mil Mauldin, William C CIV USARMY CESPCK (USA) William.C.Mauldin@usace.army.mil
USACE Lake Isabella	<ul style="list-style-type: none"> Foster, Calvin CIV USARMY CESPCK (USA) Calvin.Foster@usace.army.mil Mauldin, William C CIV USARMY CESPCK (USA) William.C.Mauldin@usace.army.mil
Tule River Indian Reservation	<ul style="list-style-type: none"> Kerri Vera Kerri.Vera@tulerivertribe-nsn.gov Kerri Vera tuleriverenv@yahoo.com
BLM Bakersfield	<ul style="list-style-type: none"> Castellon, Christina M ccastellon@blm.gov

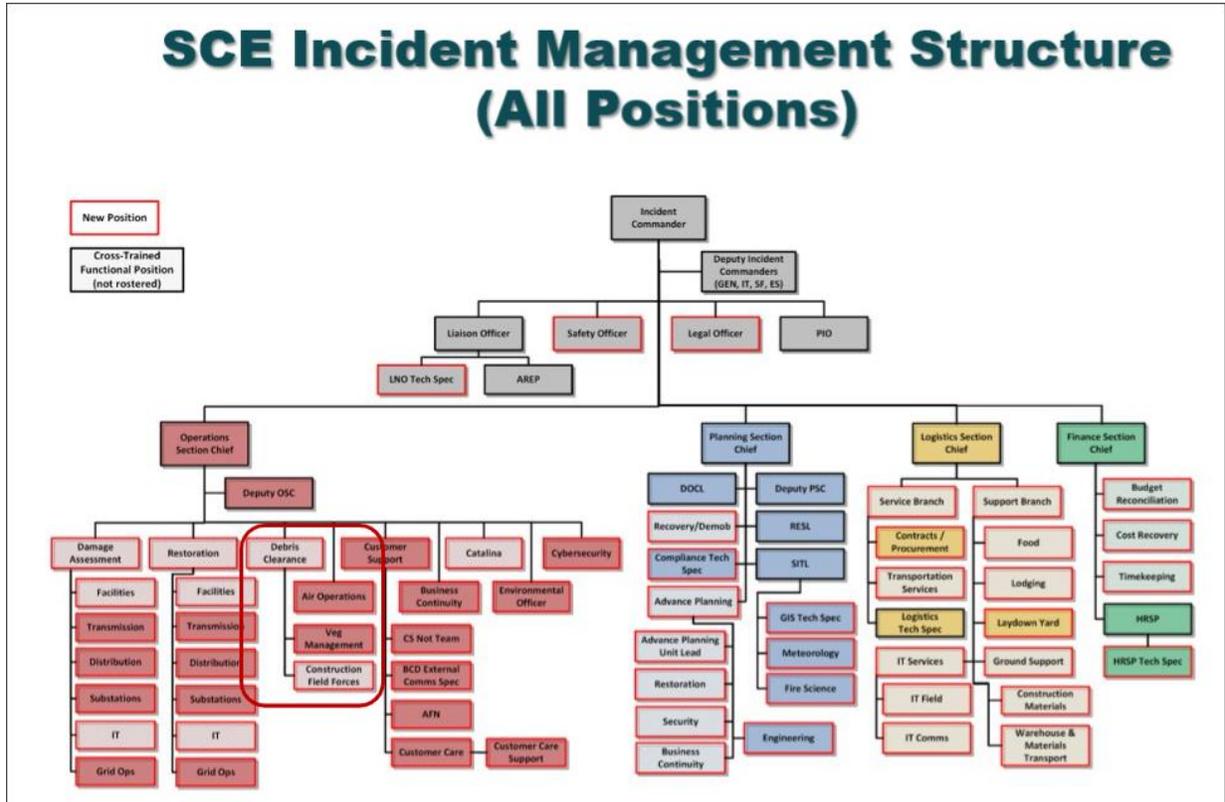
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Agency Name	Contact Names / Emails
Bishop Paiute Indian Reservation	<ul style="list-style-type: none"> William Falck william.falck@bishoppaiute.org Kayla Stone Kayla.Stone@bishoppaiute.org
Pickle Meadows Military Training Center	<ul style="list-style-type: none"> Oddo CIV Andrew J andrew.oddo@usmc.mil
Cal Fire	<ul style="list-style-type: none"> Kral, Jim@CALFIRE <Jim.Kral@fire.ca.gov>

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Attachment E: IMT Structure for Debris Management Branch



Internal Coordination

- The Debris Clearance Branch Director is the conduit between the Operations Section Chief and the Group Supervisors & their field level resources
- The Debris Clearance Branch Director also works closely with the Damage Assessment & Restoration Branch Director and other Section Chiefs and Unit Leads to coordinate operational resources between Branches as an incident progresses
- The Debris Clearance Branch Director develops the Debris Management Plan (DMP) based on information provided by the Group Supervisors and the Damage Assessment & Restoration Branch Director

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Internal Coordination

- Report to OSC
- Support incident objectives and assignments
- Coordinate assignments with other IMT Functions
- Exchange information
- Refer to Earthquake Response Plan
- Set priorities
- Coordinate activities within Branch
- Supervise personnel
- Monitor and coordinate resources
- Provide work assignments

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Attachment F: Sample Email from SCEWildfireAlerts

From: SCE Wildfire Alerts <SCEWildFireAlerts@sce.com>
Sent: Wednesday, August 17, 2022 5:28 PM
To: Kyle Edward Gordon <kyle.gordon@sce.com>; WO Fire Report Group List <WOFireReportGroupList@sce.com>; CPUC Incident Notification Group List <CPUCIncidentNotificationGroupList@sce.com>; Kyle Edward Gordon <kyle.gordon@sce.com>
Cc: Martell Washington <Martell.Washington@sce.com>
Subject: Wishon Fire Final Report #4 - Hwy 190 x Wishon Dr- Springville, Tulare County
Importance: High

This email provides a summary report for pending Fires in [Wildfire Status Updates](#). Please do not reply to this message. Replies to this message are routed to a system mailbox that is not monitored.

Regarding information consistency, we strive to provide you with accurate information in static (this mail) and dynamic (web-based) content. If there is any inconsistencies between the information here and the information from Wildfire Status Updates in SharePoint, the information in SharePoint is authoritative.

If you have any questions regarding this email, please contact **Kyle Edward Gordon** directly.

View Attachments: [Wishon Fire Map Final.png](#)

Wishon Fire : [Go To](#) or [Go To Mobile](#)

- **Reported Cause:** [REDACTED]
- **Location:** Hwy 190 x Wishon Dr- Springville, Tulare County
- **Started:** 8/15/2022 @ Approx 15:00
- **HFRA:** Tier 2
- **Size:** 318 Acres.
- **Containment:** [REDACTED]
- **Agencies:** Tulare County, CALFire, USFS
- **Fuel:** [REDACTED]
- **Injuries and fatalities:** [REDACTED]
- **Damage to Non-SCE Structures (destroyed and damaged structures):** [REDACTED]
- **Impact on SCE Facilities:**
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
- **Weather:** 98 degrees, 18-22% RH, winds variable 3-9 mph
- **Evacuations:** None
- **Evacuation Centers:** None
- **School Closures:** None
- **ALERTWildfire Camera Link:** [View Camera 1](#)
- **ESIMT:**
- **Comments:** Fire remains inactive. Restoration in progress. SCE Fire Management is on scene at the Wishon Fire. This will be the final report unless conditions change.