

CHIMNEY INCIDENT

CA-SLU-008948

INCIDENT ACTION PLAN



OPERATIONAL PERIOD



9/2/2016 0700

to

9/7/2016 0700



INCIDENT OBJECTIVES (ICS 202)

1. Incident Name: <p style="text-align: center;">CHIMNEY</p>	2. Operational Period: Date From: 9/2/2016 Date To: 9/7/2016 Time From: 0700 Time To: 0700																				
3. Objective(s): <u>Management Objectives:</u> <ul style="list-style-type: none"> • Provide for and maintain public and first responder safety by utilizing the incident safety analysis process. • Minimize damage to structures, private property and other improvements in and around the fire area. • Utilize tactics that promote the protection of sensitive natural and cultural resources. • Ensure that cooperation and collaboration are maintained at all levels of the incident. • Provide for timely and accurate incident information via the media, public meetings, and public contact. • Foster and enhance community and political relationships. • Be financially responsible for all management and fire suppression tactics. • All management actions and efforts will be focused on serving, safeguarding and protecting the citizens and natural resources of San Luis Obispo and Monterey Counties. 																					
<u>Control Objectives:</u> <ul style="list-style-type: none"> •Keep the fire within the current fire perimeter control lines. 																					
<u>General Situational Awareness:</u> An upper level trough will reside over Central and Southern California for the next few days. Steep and rugged terrain along with critically dry, cured and drought stricken fuels. Be aware of firefighter fatigue due to extended work assignments and limited resources.																					
5. Site Safety Plan Required? Yes ___ No <u>X</u> Approved Site Safety Plan(s) Located at:																					
6. Incident Action Plan <table style="width: 100%; border: none;"> <tr> <td>X ICS 203</td> <td>X ICS 215A</td> <td>X ICS 206</td> <td>X Demob Plan</td> <td>X Transportation Map</td> </tr> <tr> <td>X Weather Forecast</td> <td>X ICS 204</td> <td>X Fire Supp. Repair</td> <td>X Finance Message</td> <td>X ICS 214</td> </tr> <tr> <td>X Fire Behavior</td> <td>X ICS 220</td> <td>X 5-Day IAP Rotation</td> <td>X Shift Ticket</td> <td></td> </tr> <tr> <td>X Safety Message</td> <td>X ICS 205</td> <td>X Logistics Message</td> <td>X Water Usage Plan</td> <td></td> </tr> </table>		X ICS 203	X ICS 215A	X ICS 206	X Demob Plan	X Transportation Map	X Weather Forecast	X ICS 204	X Fire Supp. Repair	X Finance Message	X ICS 214	X Fire Behavior	X ICS 220	X 5-Day IAP Rotation	X Shift Ticket		X Safety Message	X ICS 205	X Logistics Message	X Water Usage Plan	
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7. Prepared By: Andy Murphy	Position/Title: PSC1 Signature: _____																				
8. Approved by Incident Commander:	Glenn Patterson Signature: _____																				
ICS 202	IAP Page _____																				

ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name: CHIMNEY		2. Operational Period: Date From: 9/2/2016 Time From: 0700		Date To: 9/7/2016 Time To: 0700	
3. Incident Commander(s) and Command Staff:			7. Operation Section:		
IC/UC's	Steve Crawford		Chief		
Deputy			Deputy		
Safety Officer	Damon Mcrae		Night Ops		
Information Officer	Bennett Milloy		Staging Area		
Liaison Officer			Branch	Director:	
LE Liaison Officer		Division/Group	E / G / H / I		Louis Ermigarat
4. Agency/Organization Representatives:			Division/Group	J / L / P	Polo Rodriguez
USFS	Dave Martin	Division/Group	D / A / Z / M / R / W		Dennis Byrnes
FHL	Jeff Minetti	Division/Group	Fire Suppression Repair		Alan Peters
CCC	Christian Herrera	Division/Group			
CDCR	Trad Eilers	Branch		Director:	
		Division/Group			
		Branch		Director:	
		Division/Group			
		Branch		Director:	
5. Planning Section:			Division/Group		
Chief	Keith Tsudama	Division/Group			
Deputy	Jonathan Stornetta	Division/Group			
Resource Unit		Division/Group			
Situation Unit		Division/Group			
Demobilization Unit	Stan Atchison / Chris Podesta	Branch		Director:	
GIS Specialist	Dave Fowler	Division/Group			
Clerical Specialist	Lisa Jordan / Melaina Vogel	Division/Group			
Incident Meteorologist		Division/Group			
Training Specialist		Division/Group			
Crew Tech	Eli Bakkela	Division/Group			
Documentation Unit	Janet Arthur	Air Operations Branch		Director:	Tom Swanson / Matt Mihalco
		Division/Group			
6. Logistics Section					
Chief	Paul Lee / Milford Ferguson				
Deputy					
Supply Unit	Amber Henderson / Brent Lee	8. Finance/Administration Section:			
Facilities Unit	Christophe Campmas/Pat Hibbard/Kevin Anderson	Chief	Bill Winter		
Ground Support Unit	Nik Harris	Deputy	Dale Barnett		
Hired Equipment Tech	Jason Marsh	Time Unit	Denise Ehnat		
Communications Unit	Chris Johns / SLU ECC (Nights)	Procurement Unit	Jason McDermott / Andre Schmidt		
Medical Unit	Matt Lathrop / Justin Vanderhulst (T)	Comp/Claims Unit	Chris Currell / Mo Jeffries (T)		
Motel Unit	Paul Pumarejo / Robert Gorman / Michelle Pearson	Cost Unit	Sandra Jewell		
Prepared By: Name:	Keith Tsudama	Pos/Title:	RESL	Signature:	
ICS 203	IAP Page _____	Date/Time:	9/1/2016 2300 hours		



5-DAY INCIDENT Weather Outlook



FORECAST NO: 18

NAME OF INCIDENT: Chimney

PREDICTION FOR: 9/2/16 – 9/6/16

UNIT: CA-SLU

SIGNED: *Scott Weishaar*

TIME AND DATE

FORECAST ISSUED: 1000 Thursday, September 1, 2016

Scott Weishaar

Incident Meteorologist

WEATHER DISCUSSION: ...*BELOW NORMAL TEMPERATURES BY THE WEEKEND...*

An upper level trough will reside over Central and Southern California for the next few days. The marine layer is expected to deepen over the next 2 to 3 days, reaching a maximum depth over the weekend. This will result in below-normal daytime temperatures by the weekend. Humidity recovery will be good to excellent through the period. Southwest to West ridge-top will prevail through early next week, with gusty conditions in the afternoons. No rain or lightning during the period.

SKY/WEATHER: Mostly sunny each day. Areas of night and morning low clouds Friday morning. Widespread night and morning low clouds Saturday through Tuesday.

EAST – East of the Rocky Butte Trail
WEST – West of the Rocky Butte Trail

		9/2/16	9/3/16	9/4/16	9/5/16	9/6/16
MAX TEMP	EAST	80-90	73-81	70-78	75-83	77-85
	WEST	70-80	65-72	65-71	70-75	71-77
MIN TEMP	EAST	47-57	46-56	47-57	47-57	48-58
	WEST	47-57	46-56	47-57	47-57	48-58
MAX RH	EAST	>80%	>80%	>80%	>80%	>80%
	WEST	>80%	>80%	>80%	>80%	>80%
MIN RH	EAST	23-33%	35-45%	35-45%	28-38%	25-35%
	WEST	30-45%	45-60%	45-55%	35-45%	32-42%
LAL		1	1	1	1	1
CWR		0%	0%	0%	0%	0%

20-FT AFTERNOON WIND RIDGES:

- FRI:** Southwest to West 10-15 mph with gusts to 25 mph.
- SAT:** Southwest to West 10-15 mph with gusts to 25 mph.
- SUN:** Southwest to West 10-15 mph with gusts to 25 mph.
- MON:** Southwest to West 8-13 mph with gusts to 22 mph.
- TUE:** West 6-11 mph with gusts to 20 mph.

OBTAIN SPOT FORECASTS FROM NWS OXNARD:

<http://spot.nws.noaa.gov/cgi-bin/spot/spotmon?site=lox>

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 018	TYPE OF FIRE: Wildfire
FIRE NAME: Chimney Fire	OPERATIONAL PERIOD: 9/2/16 - 9/6/16 0700-0700
DATE ISSUED: 09/01/16	TIME ISSUED: 1500
UNIT: CA-SLU-008948	SIGNED: <i>Todd Hopkins</i> Typed/printed: Todd Hopkins (FBAN)

INPUTS

WEATHER SUMMARY: *****See IMET Chimney Fire Weather Forecast in IAP*****

OUTPUTS

FIRE BEHAVIOR

GENERAL: The fire burned in a mix of grass and brush with stands of Oak trees and litter that were extremely dry, very drought stressed, and had a heavy fuel loading. The fire was fuel and topography driven and made rapid upslope runs with short to long range spotting when a spot escaped containment lines. Surface winds are predominately upslope/upcanyon and higher level winds (2000'-3000' level) will be from the southwest to west. Fire activity will be minimal in all divisions, with smokes popping up in the afternoon and subsiding in the evening as fuel moistures and humidity increase.

Probability of Ignition: 43-78% **FDFM:** 4-6% East of Rocky Butte
6-8% West of Rocky Butte **ERC:** Below 90th Percentile
100 HRFM: Below 90th Percentile **1000 HRFM:** 97th Percentile

SPECIFIC: *****Fire predictions are for new starts or spot fires outside containment lines*****

All Divisions:

No growth expected. Interior islands and heavier fuels will continue to burn out and smolder. If fire activity increases from interior islands or spot fires, utilize the either the East of Rocky Butte Trail or West of Rocky Butte Trail outputs

East of Rocky Butte Truck Trail

Flame Lengths- Head fire: 7-18 ft. in Grass, 17-30 ft. in Brush, Flanking fire: 3-6 ft. in Grass, 5-9 ft. in Brush

Rate of Spread- Head fire up to 80 ft/min in understory Grass, Up to 207 ft/min in open grass,
Up to 177 ft/min in open Brush field

Spotting Distances- Up to 1/2 mile

West of Rocky Butte Truck Trail

Flame Lengths- Head fire: 5-11 ft. in Grass, 12-20 ft. in Brush, Flanking fire: 2-5 ft. in Grass, 5-8 ft. in Brush

Rate of Spread- Head fire up to 70 ft/min in understory Grass, Up to 171 ft/min in open grass,
Up to 160 ft/min in open Brush field

Spotting Distances- Up to 1/2 mile

AIR OPERATIONS:

Watch for snags or dead trees if dropping water around crews

9/2: Sunrise: 0636 Sunset: 1928, 9/3: Sunrise: 0637 Sunset: 1926, 9/4: Sunrise: 0637 Sunset: 1925,

9/5: Sunrise: 0638 Sunset: 1923, 9/6: Sunrise: 0639 Sunset: 1922

SAFETY

- Watch for rolling material that could ignite fuel below
- Dead trees could fall at any time, situational awareness is imperative



CHIMNEY SAFETY MESSAGE

INCIDENT: Chimney Fire CA-SLU-008948

DATE: September 2-7, 2016 TIME: 0700-0700

Situational Awareness at All Times!

When It comes to Safety, The only thing worse than being oblivious to the unknown is ignoring the obvious...

Personnel: Manage yourself and those around you for fatigue; many have deployed for extended periods. As fatigue increases, injuries tend to increase also. Keep an eye on your crew and your buddy.

Driving: Slow Down, Wear your Seatbelt at all times and Increase your Following Distance.

Complacency: ALL PPE must be worn, including shrouds, when working on the fire line. Mop up requires your situational awareness even without active fire. Unburnt fuels can reignite suddenly and turn against you.

Fatigue: Manage yourself and those around you for excessive fatigue; many have driven long distances or been redeployed from other incidents. Use the buddy system and take breaks as needed. As fatigue increase, injuries tend to increase also.

Eat and drink fluids on a regular basis to maintain an appropriate energy level for any expected work assignment. Remember, you are the only one that knows your limitations.

Hazard trees: Survey your work areas for hazard trees, flag and restrict access, use only qualified personnel for tree felling. Review and follow **Hazard Tree Safety**, pg. 22-23 in your IRPG.

Ash Pots: the droughts stricken fuels consumed entirely by fire are creating flat ash pots with hot coals underneath. Watch your footing.

Backhaul is in progress:

- Use proper lifting techniques.
- Be aware of stump-holes, steep slopes, and
- Watch out for trip hazards and loose footing

Heat Illness Prevention:

- Drink plenty of fluids:
 - Water and Gatorade
- Rest when you can.
- Find shade when you can
- Eat nutritious food regularly

Incident Safety Officer: Tim Irwin SOF1 (t)

Incident Commander: Glenn Patterson



CHIMNEY INCIDENT RISK ANALYSIS (ICS 215a)



BR	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS/WARNINGS/REMEDIES
ALL	FATIGUE/HEAT/DEHYDRATION	<ul style="list-style-type: none"> • Be alert for signs of fatigue and take breaks as necessary. • Monitor incoming resources for level of fatigue. Drink water before, during and after shifts, up to 1.5 gal. per shift. • Be alert for signs of heat stress in yourself and others; use the buddy system. • Eat small meals often and when possible.
ALL	STEEP TERRAIN	<ul style="list-style-type: none"> • Watch your footing while hiking in steep terrain. • Be careful of loose rolling debris • Maintain Situational Awareness.
ALL	DRIVING HAZARDS	<ul style="list-style-type: none"> • Drive defensively and slow down! Expect the unexpected around every curve. • Drive with headlights and seatbelts on. • Slow Down! Narrow dirt roads with limited passing room. Coordinate your movements on one lane roads. • Increase following distances. Maintain Situational Awareness. • Use warning devices when operating near traffic.
ALL	LINE CONSTRUCTION	<ul style="list-style-type: none"> • Conduct thorough briefing for all personnel (inside rear cover IRPG). • Ensure LCES in place prior to engagement (IRPG p. 6). • Establish adequate safety zones (IRPG p.7). • Use Downhill Line Checklist (IRPG p. 8). • Follow "Look Up, Look Down, Look Around" procedures (IRPG p. 2-3). • Utilize Risk Management Process (IRPG p.1).
ALL	DOZER/ROAD GRADER SAFETY	<ul style="list-style-type: none"> • Watch for rolling material. • Monitor safe working distances. • Avoid working below Dozer/Road Grader. • Utilize communication with the operator (radio or hand signals)
ALL	AIRCRAFT OPERATIONS	<ul style="list-style-type: none"> • Monitor Air to Ground - they are your eyes in the sky. • Use air-to-ground freq. to communicate with aircraft. • Use clear, concise statements when directing aircraft. Use clock directions from pilot's perspective. • Avoid "heli-mopping". Eliminate unnecessary pilot exposure.
ALL	TACTICAL HAZARDS	<ul style="list-style-type: none"> • Follow 10's and 18's. • Follow the Downhill Checklist. • Know your LCES.
ALL	MOP UP	<ul style="list-style-type: none"> • Conduct thorough briefing for all personnel (inside rear cover IRPG). • Use all required PPE, including eye protection. • Maintain proper spacing and overhead clearance. • Be alert for stump holes and root cavities. • Minimize exposure to smoke, and rotate personnel into clean as practical. • Evaluate unburned islands/Increase situational awareness.
ALL	HAZARD TREES	<ul style="list-style-type: none"> • Identify and Isolate the area to provide for the safety of others. • Flag and make proper notifications. • Do Not Fall trees out of your certification level.
Incident Name: Chimney Fire		DATE PREPARED: September 01, 2016 1700hrs
ICS 215a		OPERATIONAL PERIOD September 2-6, 2016
		Prepared by: Tim Irwin SOF1 (t)
		0700-1900

ASSIGNMENT LIST (ICS 204)

1. Incident Name: CHIMNEY		2. Operational Period: Date From: 09/02/16 Date To: 09/07/16 Time From: 0700 Time To: 0700				3. Page 1 of 3	
4. Operations Personnel: <u>Name</u> Operations Section Chief: Branch Director: Division/Group Supervisor: Alan Peters / Shane Galvez / Edwin Simpson						Branch: Division/Group: Fire Suppression Repair Staging Area:	
5. Resources Assigned:							
Resource Identifier	Leader	Number of Personnel	Request #	Reporting Location, Special Equipment, Remarks, Notes, and Information			
CRW2 Cobras 5	Smith, Jayson	22	C-52	Running Dear 0700-1900*			
CRW2 Cobras 6	Reyes, Steve	21	C-48	Running Dear 0700-1900*			
DOZ PVT ANTHONY E-242	Bill Welch	2	E-242	Running Dear 0700-1900*			
DOZ PVT PIT RIVER CON E-335	Triffon, J.D.	2	E-335	Running Dear 0700-1900*			
DOZ PVT ROEN E-336	Deruiter, Tony	2	E-336	Running Dear 0700-1900*			
W/T PTV STATE WIDE E-202	Chester Smith	1	E-202	Running Dear 0700-1900*			
GRD PVT Bow Valley E-439	Jamrog, John	1	E-439	Running Dear 0700-1900*			
MAST PVT SHANNON E-268	Shannon, Bill	1	E-268	Running Dear 0700-1900*			
EXC PVT LEPAGE E-530	Folsom, Tylal	1	E-530	Running Dear 0700-1900*			
CHP PVT BURKE E-492	Burke, Tim	2	E-492	Running Dear 0700-1900*			
HEQB O-357	Buck, Jason E	1	O-357	Running Dear 0700-1900*			
HEQB O-361	Cassatt, Sean	1	O-361	Running Dear 0700-1900*			
HEQB O-573	Hill, Keith	1	O-573	Running Dear 0700-1900*			
6. Work Assignments:							
Repair line per group supervisor.							
Backhaul trash.							
7. Special Instructions:							
*BOLD Denotes 12 hour resource.							
Review 5-DAY IAP ROTATIONAL LIST Each Operational Period.							
**** Safety Officer and Fireline Medic module will be utilized incident wide .							
Utilize SLU Local Tone 13 after 2000 every night. See ICS 205 for Frequencies.							
8. Communications (radio and/or phone contact numbers needed for this assignment):							
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
NIFC C6 or C9 or C44 or C50		COMMAND	SEE ICS 205				
VTAC14		TACTICAL	159.4725	156.7 (T6)	159.4725	156.7 (T6)	
CALCORD		MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)	
CDF T14		AIR TO GROUND	159.2250	192.8 (T16)	159.2250	192.8 (T16)	
AIR GUARD		EMERGENCY	168.6250		168.6250	110.9	
9. Prepared by: Name:		Keith Tsudama		Pos/Title: RESL		Signature:	
ICS 204		IAP Page _____		Date/Time: 9/1/2016		2300 hours	

AIR OPERATIONS SUMMARY ICS-220

Time Prepared					Date Prepared					Prepared By									
1600					Thursday, September 01, 2016					Rob Sonsteng									
Shutdown					Operational Period - Date					Operational Period - Time									
1955					9/2/16 - 9/6/16					0800 - 2000									
Incident Name Chimney										Request # A-304					Rescue Ship Information Name Phone Make/Model Location Request Procedure for These Aircraft:				
Sunrise 637 Cutoff 1855 Sunset 1925 Startup 730										Radius: 8 NM Altitude: 8500' MSL Centerpoint: 35° 43.59' Lat 121° 00.56' Long NOTAMS: http://tfr.faa.gov/tfr2/list.html					See Medical Plan For Additional Info Trainee Name Phone				
General Remarks, Safety Notes, Hazards, Air Operations Special Equipment, etc. TRACK ALL DIPSITE LOCATIONS / NUMBER OF DIPS / GALLONS TAKEN. TRACK ALL DROP LOCATIONS / NUMBER OF DROPS / GALLONS DROPPED ALL GPS DATA TO BE COLLECTED IN DEGREES, MINUTES, DECIMAL MINUTES, FORMAT. AVOID Aerial Application of Retardant / Foam / Agent within 300' of Waterways, Bodies of Water, etc. If Retardant / Foam / Agent is Dropped Within These Areas Immediately Notify the AOB and Provide the Following Information: Lat / Long, Estimated Number of Gallons and a Map Detailing The Area.										Helibase Information Name Latitude Longitude Name Latitude Longitude (use page 2 if needed)					Helibase Information Request # Radius: Altitude: Centerpoint: NOTAMS: http://tfr.faa.gov/tfr2/list.html				
TX Tone RX Tone AM / FM										Position Name					Phone				
159.2250 192.8 159.2250 192.8 FM										AOB									
132.0750										ASGS									
132.075										HEBM									
156.0750 156.7 156.0750 156.7										ATGS James Tully (805) 903-3418									
168.6250 110.9 168.6250 110.9										HLCO John Zuniga									
168.6250 110.9 168.6250 110.9										HLCO									
156.0750 156.7 156.0750 156.7																			
168.6250 110.9 168.6250 110.9																			
FAA # Type Make/Model Helibase Avail Start Remarks										FAA # Type Make/Model Helibase Avail Start Remarks					FAA # Type Make/Model Helibase Avail Start Remarks				
6PJ 1 Bell214 CHIMNEY 830 800 A-147										4TV 3 A-star B2 CHIMNEY 830 800 A-46									
95HT 1 CH-54 CHIMNEY 830 800 A-213																			
HELICOPTERS (Use page 2 if Needed)										FIXED WING (Use Page 2 if Needed)									

ICS 205 - INCIDENT RADIO COMMUNICATIONS PLAN

1. Incident Name: CHIMNEY		2. Date/Time Prepared Date: 9/1/2016 Time: 1800		3. Operational Period: Date To: 9/7/2016 Time To: 0700					
4. Communications									
Ch#	Function	Name	Assigned To	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes	
1	COMMAND	NIFC C6	INCIDENT WIDE	168.4750		173.8125	156.7 (T6)	SEE SPECIAL INSTRUCTIONS	
2	COMMAND	NIFC C9	INCIDENT WIDE	170.0125		165.2500	156.7 (T6)		
3	COMMAND	NIFC C44	INCIDENT WIDE	169.1000		164.1750	156.7 (T6)		
4	COMMAND	NIFC C50	INCIDENT WIDE	173.0250		164.6000	156.7 (T6)		
5	TACTICAL	CDF TAC 26	BRANCH I, DIV E/G/H/I	159.2925	192.8 (T16)	159.2925	192.8 (T16)		
6	TACTICAL	CDF TAC 27	WEST GROUP	159.3075	192.8 (T16)	159.3075	192.8 (T16)		
7	COMMAND	SLU LOCAL	INCIDENT WIDE	151.3250	136.5	159.2925	141.3 (T13)	SEE SPECIAL INSTRUCTIONS	
8									
9	TACTICAL	VTAC 11	BRANCH II, DIV J/L/P	151.1375	156.7 (T6)	151.1375	156.7 (T6)		
10	TACTICAL	VTAC 12	BRANCH IV, DIV D/A/Z/M/R/W	154.4525	156.7 (T6)	154.4525	156.7 (T6)		
11									
12	TACTICAL	VTAC 14	FIRE SUP REPAIR GRP	159.4725	156.7 (T6)	159.4725	156.7 (T6)		
13	EMS COORDINATION	CALCORD	INCIDENT WIDE	156.0750	156.7 (T6)	156.0750	156.7 (T6)		
14	AIR TO GROUND TAC	CDF TAC 14	AIR TO GROUND TAC	159.2250	192.8 (T16)	159.2250	192.8 (T16)		
15									
16	EMERGENCY ONLY	AIR GUARD	INCIDENT WIDE	168.6250		168.6250	110.9 (Tone 1)		
17									
18									
19									
20	EMERGENCY ONLY	AIR GUARD	INCIDENT WIDE	168.6250		168.6250	110.9 (Tone 1)		
5. Special Instructions						USE THE LINKED CMD RPTR THAT WORKS BEST FOR YOUR LOCATION. CMD C50 WILL BE REMOVED FROM USE ON SUNDAY 9-4-16. ALL NIGHT RESOURCES WILL NEED TO USE SLU LOCAL NET TONE 13 TO CONTACT THE SLU ECC AFTER 2000 HRS WHEN CHIMNEY COMMUNICATIONS CLOSES. (SLU LOCAL IS IN KENWOOD STATEWIDE GRP 3 CHANNEL 34B)			
6. Prepared by (Communications Unit Leader): Name: Chris Johns COM1(T)			Signature: _____			Date/Time: 09/1/16 1800			
ICS 205									

MEDICAL PLAN ICS 206		1. INCIDENT NAME CHIMNEY FIRE	2. DATE PREPARED 09-01-16	3. TIME PREPARED 1700 hrs	4. OPERATIONAL PERIOD 9/2/16 – 9/7/16 0700 - 0700						
5. INCIDENT MEDICAL AID STATIONS											
MEDICAL AID STATIONS		LOCATION				PARAMEDICS					
						YES	NO				
Med Supply Trailer		Base Camp (Trailer Row)					X				
MERT – with Physician		Base Camp (Baseball Field w/CDC) until 09/05/16				X					
6. TRANSPORTATION											
A. AMBULANCE SERVICES											
NAME		LOCATION		PHONE		PARAMEDICS					
						YES	NO				
San Luis Ambulance		285 South Street, San Luis Obispo		805-781-4563		X					
Cambria Community Healthcare District		2535 Main St, Cambria		805-781-4563		X					
CHP H70 (Daytime Hoist)		Paso Robles Airport		805-593-3344		X					
CAL STAR 7		Santa Maria Airport		805-547-9331		X					
Mercy Air 20		Fort Hunter Liggett		831-386-2413		X					
B. INCIDENT AMBULANCES											
NAME		LOCATION				PARAMEDICS					
						YES	NO				
7. HOSPITALS											
NAME		ADDRESS		TRAVEL TIME		PHONE		HELIPAD		BURN CENTER	
				AIR		GRND		YES		NO	
Twin Cities		1100 Las Tables rd. Templeton LAT 35°33'20"N / LONG 120°43'12"W		10		40		805-434-3500		X	
Sierra Vista RMC (Trauma)		1010 Murray St. San Luis Obispo LAT 35°17'37"N / LONG 120°39'58"W		15		60		805-546-7651		X	
Community RMC (Trauma) 436.0000		2823 Fresno St. Fresno LAT 36°44'35"N / LONG 119°47'06"W		45		150		559-459-4220		X	
8. MEDICAL EMERGENCY PROCEDURES											
EMERGENCY FREQUENCY: Refer to ICS 205 (COMM Plan)						INJURY REPORTING PROCEDURES					
LINE EMERGENCY: Crew Supervisor will contact Division Supervisor with patient complaint/condition and location. <ul style="list-style-type: none"> Division/Group Supervisor contacts: <ol style="list-style-type: none"> Closest EMS resource Communications Unit 0600-2000 hrs SLU Local ECC 2000-0600 hrs Communications Unit contacts: <ol style="list-style-type: none"> Ground or Air ambulance as requested Operations Safety Medical Unit Division Supervisor or designee will serve as point of contact and run medical emergency on assigned channel. <ol style="list-style-type: none"> A pre-assigned tactical frequency (i.e. CALCORD) should be used for IWI and only for duration of need. Communications Unit will clear command channel for emergency traffic as needed and only for duration of need. CAMP EMERGENCY: 0600-2000 hrs Contact Communications for 911 response following local procedures. OR 2000-0600 hrs Contact SLU Local ECC by radio or 911 via phone <ul style="list-style-type: none"> Communications contacts: <ol style="list-style-type: none"> Medical Unit Leader -Logistics Safety 						NATURE OF INJURY _____ LOCATION OF PATIENT _____ POINT OF CONTACT _____ TRANSPORTATION REQUESTED BY: AIR ___ GROUND ___ POINT OF PICKUP _____ LAT _____ LONG _____ PATIENT UNIT ID _____ IS AN EMT WITH PATIENT: YES ___ NO ___ AGE _____ SEX: MALE ___ FEMALE ___					
ALL EMERGENCIES---Secure the area and identify witnesses for later investigation. Keep an accurate log of events.											
ICS 206 (Rev 03/12)		9. PREPARED BY: (Medical Unit Leader) Matt Lathrop (MEDL)/ Justin VanderHulst (MEDL-T)				10. REVIEWED BY: (Safety Officer)					



FIRE SUPPRESSION REPAIR & REHABILITATION PLAN

CHIMNEY INCIDENT: CA-SLU-8948

Agency Contact: CAL FIRE – Alan Peters (805-903-3406)

August 20, 2016

Fire Suppression Repair (RESP) is the repair of damage resulting directly from fire suppression activities, primarily the construction of control lines. It is not the repair of infrastructure or rehabilitation of burned areas that happened as a result of the fire itself. Rehabilitation is closely related and involves mitigation of potential adverse environmental effects from wildfire. Collectively, this effort uses the nickname “Rehab”. The “Rehab Plan” below details the measures necessary to address the concerns of CAL FIRE. Site-specific tactics and strategies developed may be different based on objectives.

Damaged facilities will be upgraded to their pre-fire condition. Projects too large or complex to be completed by the Fire Suppression Repair Group shall be transferred to the Comp/Claims Unit or the local Unit. Repair work shall only occur in locations authorized by the Operations Section and where fire suppression activities are complete. Fire Suppression Repair Group resources shall evaluate all Divisions for appropriate repair needs. This includes areas inside and outside the fire perimeter, provided the damage was caused by official fire suppression activities.

Instructions for suppression repair during mop-up

Scattered trash shall be collected and back-hauled to staging areas, drop points and base camp.

When operationally feasible, dozer operators and/or hand crews shall install waterbreaks (waterbars) on all dozer lines as well as secondary access roads while performing mop-up operations. Berms taller than 1 foot shall be pulled and spread out to the pre-incident contour.

Waterbreak/Waterbar/Cross Drain spacing

Line or Road Gradient (%)	0-10%	11-25%	26-50%	>50%
Spacing	150'	150'	75'	75'

Waterbreaks shall be cut diagonally with a minimum depth of 6” into existing grade with a 6” berm for a minimum height of 12”. Outlets shall be open and directed into non-erodible material, into the green where feasible.

Inventory and Mapping

Suppression personnel shall note potential rehab needs and report them to the Rehab Group leader. Please collect GPS data and download as soon as possible to the GISS trailer.

Control lines

- Install waterbreaks, when feasible, while crews and dozers are actively onsite on roads and handlines. Waterbreaks shall have proper angle and open outlets to insure effective drainage. Waterbreak spacing should vary depending on slope. Waterbreaks are designed to intercept, slow and spread the precipitation run-off in order to reduce sediment transport and soil erosion. The idea is to move water off the fireline before it can build up enough energy to erode the soil and transport sediment.
- Waterbreaks shall be constructed at an approximately 30 degree angle and shall be a minimum depth of 12 inches from the bottom of the cut to the top of the berm. Where feasible, the discharge from waterbreaks shall be directed into vegetated areas.
- Where slopes exceed the range at which a tractor can effectively work, waterbreaks shall be constructed with hand tools.
- Berms and push-piles shall be spread out to the extent feasible. This may be accomplished by back-blading and/or using ripper shanks or grapples. Debris piled against trees or perched above watercourses is especially important to remove or disperse.

Staging Areas/Safety Zones/Helispots/ Drop Points

- Remove debris deposited during suppression activities, including flagging and signs.
- Install waterbreaks.
- Spread berms.

Fences

- All fence cuts or other damage shall be spliced or otherwise repaired to a condition equal to or better than they were found.



FIRE SUPPRESSION REPAIR & REHABILITATION PLAN

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Roads

Roads used in fire suppression activities shall be maintained in a condition equal to or better than they were found.

- Abate dust on native surface roads.
- Clean and grade ditch lines and lead off ditches as necessary.
- Clean culverts and drainage facilities plugged with soil and debris deposited during suppression activities.
- Remove outside berms created during suppression activities and incorporate into road surface or re-establish existing berms where applicable.
- Install waterbreaks where waterbreaks previously existed.
- Install new waterbreaks where needed.
- Install or maintain a rolling dips where rolling dips previously existed.
- Repair fences damaged by suppression efforts.
- Slash from felled trees adjacent to roads shall be lopped and scattered, chipped or piled for burning.
- Berms and push-piles shall be spread out to the extent feasible. This may be accomplished by back-blading and/or using ripper shanks or grapples. Debris piled against trees or perched above watercourses is especially important to remove or disperse.

Felled trees/slash

- Trees felled and brush cut during suppression activities shall be treated by one of the following methods:
 - Chipped and spread on site
 - Lopped and scattered to a height of less than 1 foot
 - Consolidated into piles not to exceed 8 feet in diameter
- This treatment shall be used within 100 feet of Chimney Rock Road, Lime Mt. Road, Town Creek Truck Trail, Rocky Butte Truck Trail, and in all areas visible from any road or residence within the Running Deer Ranch subdivisions.

Watercourses

- All slash, loose soil and debris deposited into watercourses during suppression activities shall be removed and stabilized.

Archaeological or Historic Sites encountered

- Notify Rehab Branch Director or Archaeologist:
 - CAL FIRE –Stephanie Velasquez (951-320-2075)

5 DAY IAP ROTATIONAL LIST

Review each Operational Period

STRIKE TEAM ENGINES

DATE	12 ON	12 ON	24 ON	24 OFF
2-Sep	9442C	9341C	9411C	9462C
3-Sep	9462C	9442C	9341C	9411C
4-Sep	9411C	9462C	9442C	9341C
5-Sep	9341C	9411C	9462C	9442C
6-Sep	9442C	9341C	9411C	9462C
7-Sep	9462C	9442C	9341C	9411C

STRIKE TEAM GOLFS

	12 ON	12 ON	12 ON	24 ON	24 OFF
2-Sep	9386G	9394G	9395G	9480G	9488G
3-Sep	9488G	9386G	9394G	9395G	9480G
4-Sep	9480G	9488G	9386G	9394G	9395G
5-Sep	9395G	9480G	9488G	9386G	9394G
6-Sep	9394G	9395G	9480G	9488G	9386G
7-Sep	9386G	9394G	9395G	9480G	9488G



DEMOBILIZATION PLAN

Chimney Fire

CA-SLU-008948



DEMOB PROCEDURES

- CHECK THE DEMOB LIST EACH MORNING. YOU CAN FIND THE DEMOB LIST THROUGH THE “QR” CODE ON THE I.A.P. COVER OR ON LISTS POSTED THROUGHOUT CAMP. **ONLY REPORT TO DEMOB AT YOUR SCHEDULED TIME.** EARLY ADMITTANCE WILL NOT BE ALLOWED.
- PICKUP A DEMOB CHECKOUT FORM (ICS-221) FROM THE DEMOB UNIT, THEN GO TO THE FOLLOWING UNITS TO OBTAIN THE NECESSARY SIGNATURES:
 - ✓ SUPPLY UNIT
 - ✓ COMMUNICATIONS UNIT
 - ✓ GROUND SUPPORT/VEHICLE INSPECTION***
 - ✓ DOCUMENTATION UNIT
 - ✓ TIME UNIT
 - ✓ TRAINING UNIT (IF APPLICABLE)
 - ✓ ACCOMMODATIONS (IF APPLICABLE)

***VEHICLE INSPECTION:

- THE DEMOB UNIT WILL INFORM YOU IF THE VEHICLE NEEDS TO BE INSPECTED.
- YOU MUST HAVE THE ICS-221 DEMOB FORM WITH YOU AT VEHICLE INSPECTION.
- A VEHICLE INSPECTION TIME WILL BE PROVIDED WHEN YOU INITIALLY ARRIVE TO THE DEMOBILIZATION UNIT.
- **DO NOT REPORT FOR VEHICLE INSPECTION PRIOR TO YOUR APPOINTMENT**

RETURN THE COMPLETED ICS-221 FORM TO THE DEMOB UNIT AND TRAVEL HOME SAFE!

CHIMNEY FINANCE MESSAGE

DIVS are responsible for completing hired equipment shift tickets. "See Example"

Water Use Logs go to Finance

Finance will be located here at the Fairgrounds location until Tuesday Midday.

**Finance moving to: SpringHill Suites, 900
El Camino Real, Atascadero**

**Bill Winter, Finance Section Chief
Dale Barnett, Deputy Finance Section Chief
805-903-3491 or 530-524-5623**

SHIFT TICKET EXAMPLE

EMERGENCY SHIFT TICKET and EVALUATION FORM					Contractor Name											
Incident or Project Name CHIMNEY FIRE			Incident Number CASLU 008948	Request Number E#	DOZER DUDE											
Agreement Number XXX - 000000 - 00					Operator #1 BOB SMITH	Operator #2 TOM SMITH										
Equipment Make CAT			Equipment Model / Type D6XM		Operator Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government											
Serial Number 111111			Licence Number 111111		Operating Supplies Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government											
Equipment Use (Circle) Hours Days / Miles					Equipment Status <input checked="" type="checkbox"/> Inspected <input checked="" type="checkbox"/> Under Agreement											
Date Mo / Day	Start	Stop	Work	Assignment	Released by Government Withdrawn by Contractor											
8/3	0700	2400	17	DIV M	TWO OPERATORS NO DAMAGE/ NO CLAIMS											
8/4	0001	0700	7	DIV M												
Vendor Rating					Govt. Rep. Name and Position - PRINT Mike Weber											
<table border="1"> <tr> <th>Poor*</th> <th>Avg.</th> <th>Good</th> <th>Exc.</th> <th>N/A</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>					Poor*	Avg.	Good	Exc.	N/A						Govt. Rep. Signature <i>Mike Weber</i>	
Poor*	Avg.	Good	Exc.	N/A												
Met Performance Expectations					Contractor Signature <i>Bob Smith</i>											
Equipment in Safe Working Condition					Date 08/04/15											
Operator Skill Level					Time 0800											
Operates Safely					<p>* NOTE: Any rating of POOR requires an explanation in Comment Section. **Final evaluation or for more documentation, use an ICS Form 230 or equivalent.</p>											
Operator's Cooperation Level					CALFIRE 207 (Rev 3-2011)											
Overall Performance					<p>Pink - Finance Blue - Home Unit HE Coordinator Yellow - Vendor White - Govt Representative</p>											

EMERGENCY SHIFT TICKET and EVALUATION FORM					Contractor Name											
The responsible Government Official will complete this form each shift					EXCAVATOR COMPANY											
Incident or Project Name CHIMNEY FIRE			Incident Number CASLU 008948	Request Number E # Here	Operator #1 BOB SMITH	Operator #2										
Agreement Number XXX - 000000 - 00					Operator Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government											
Equipment Make CAT			Equipment Model / Type EXCAVATOR F900		Operating Supplies Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government											
Serial Number 1XP3ESMP14239012			Licence Number 9999999		Equipment Status <input checked="" type="checkbox"/> Inspected <input checked="" type="checkbox"/> Under Agreement											
Equipment Use (Circle) Hours Days / Miles					Released by Government Withdrawn by Contractor											
Date Mo / Day	Start	Stop	Work	Assignment	1 OPERATOR NO DAMAGE/ NO CLAIMS											
8/3	0001	700	7	OFF SHIFT												
8/3	0700	1900	12	SUPPRESSION REPAIR												
8/4	1900	2400	5	OFF SHIFT												
Vendor Rating					Govt. Rep. Name and Position - PRINT Mike Weber											
<table border="1"> <tr> <th>Poor*</th> <th>Avg.</th> <th>Good</th> <th>Exc.</th> <th>N/A</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>					Poor*	Avg.	Good	Exc.	N/A						Govt. Rep. Signature <i>Mike Weber</i>	
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Overall Performance					<p>Pink - Finance Blue - Home Unit HE Coordinator Yellow - Vendor White - Govt Representative</p>											

Turn shift tickets into Finance.



CAL FIRE INCIDENT MANAGEMENT TEAM WATER USAGE PLAN



California Drought Emergency

The following shall be considered and implemented by all fire resources as a means to provide maximum efficiencies when utilizing water resources, while minimizing the impacts to private and public water supplies. Accountability shall be maintained for all water supplies that are utilized and care should be applied to ensure proper replacement and/or reimbursement to the supplier/owner.

Fireline personnel- (During mop up operations)

- Use Pencil Hose and Garden Nozzles with Shut-Offs.
- Use Back pumps.
- Use Dry Mop-up and consolidation of heavy fuels to areas where they can burn out safely.
- Locate/Relocate Firelines to lighter fuels or natural barriers when safe.
- Set up and use portable tanks in anticipation of longer transport times for Water Tenders.
- Use of foams, gels and other water enhancers.
- Evaluate need to mop up in excess of 200 feet from fireline.

Road Maintenance and Repair-

- Monitor and water roads only when and where needed.
- Water when most effective (evening and nights).
- Use chemical treatments when available (Magchloride, Omni bind etc.).
- Consider use of tertiary or treated water.

Aviation Operations-

- Consider use of Gels, Foams and Retardants. Set up portable plants.
- Consider using Blivits and Pencil Hose for interior mop up operations as opposed to numerous bucket drops.
- Establish and use pre-use agreements for existing and known water sources.
- Use large watershed dip sites when able. Minimize use of small, static ponds and lakes.
- Maintain accountability of water used and locations of dip sites.
- Evaluate need for interior bucket drops.

Private Water Supplies-

- Notify property owner as early as possible.
- Minimize usage and develop alternative water supplies when and where appropriate.
- Track usage (meter, ICS-214, Water Usage Reports) and develop a plan to replace water.
- Make arrangements for reimbursement and damage claims if needed.

Public/Municipal Water Supplies-

- Notify Agency as soon as possible and request a representative to the incident.
- Identify fill areas and request metering devices. Note locations on incident map.
- Use alternative or reclaimed water sources when available. Note locations on incident map.
- Make arrangements for reimbursement and damage claims if needed.

Management and Supervision-

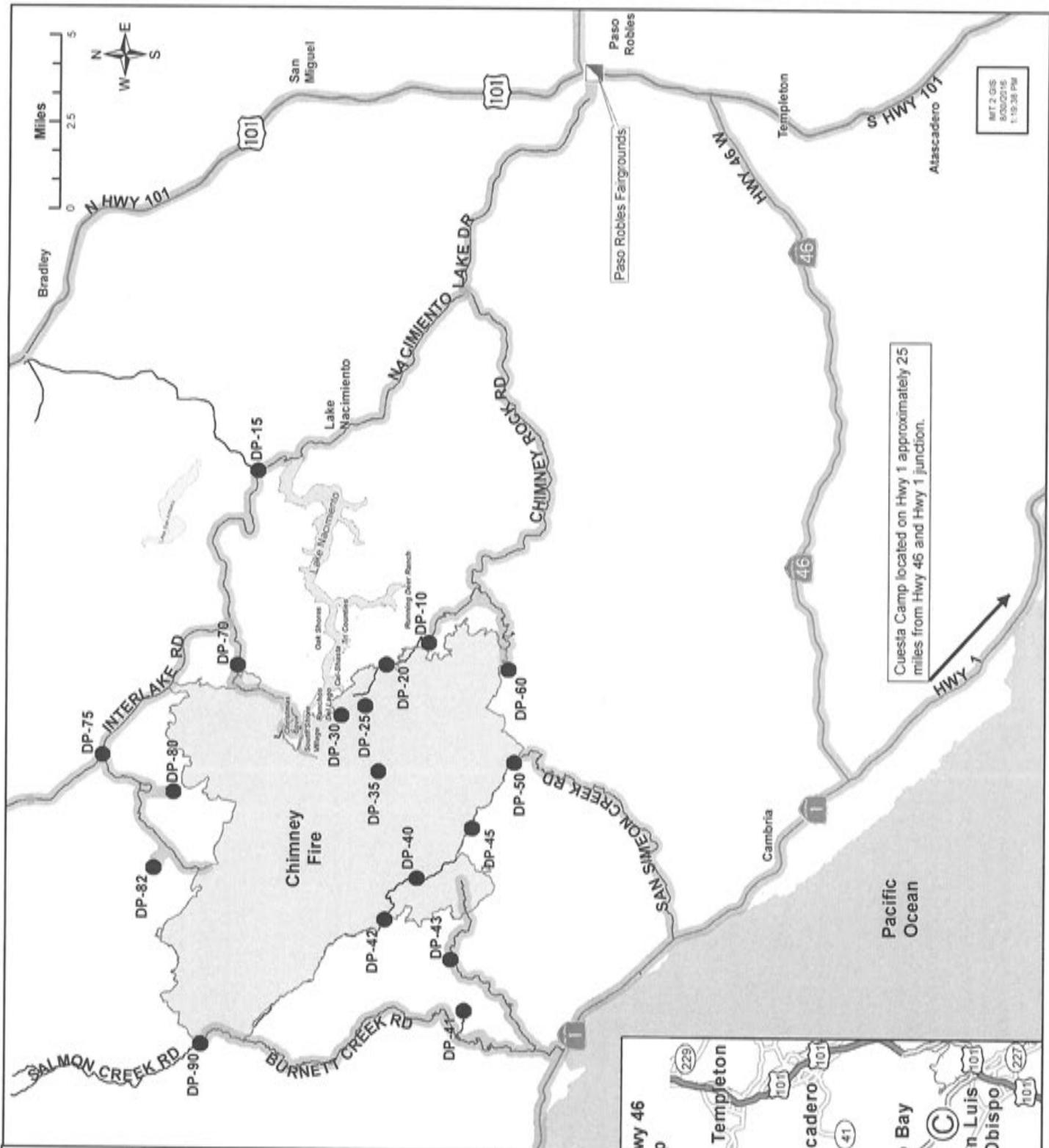
- Consider complexity of water use on incidents. Establish a Water Supply Group Supervisor to coordinate additional resources to support the incident needs.
- Complete the Water Usage Report daily and turn in to Finance.
- Review this check list and brief daily.



Chimney Incident
CA-SLU-008948

**TRANSPORTATION
MAP**

- Legend**
- Road
 - Travel Route
 - Drop Point
 - Camp
 - Incident Command Post



Cuesta Camp located on Hwy 1 approximately 25 miles from Hwy 46 and Hwy 1 junction.



MT 2 GIS
8/30/2016
1:19:38 PM

