

MINERAL FIRE



INCIDENT ACTION PLAN

AUGUST 14, 2016 0700

TO

AUGUST 15, 2016 0700

CA-FKU-011358

<http://calfire.box.com/calfireimt1>



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INCIDENT OBJECTIVES (ICS 202)

1. Incident Name: MINERAL INCIDENT CA-FKU-011358	2. Operational Period: Date From: 08/14/2016 Date To: 08/15/2016 Time From: 0700 hours Time To: 0700 hours																																								
3. Objective(s): <u>Management Objectives</u> <ul style="list-style-type: none"> • Provide for public and emergency personnel safety at all times • Provide for timely and accurate release of incident information to the public, media, first responders and cooperators • Protect and defend structures and improvements in the fire area • Protect natural and cultural resources in the fire area • Provide a process to manage emergency resources efficiently • Ensure costs are minimized appropriately for values at risk • Ensure coordination and communication with stakeholders and cooperating agencies <u>Control Objectives</u> <ul style="list-style-type: none"> • Keep the fire within existing control lines 																																									
4. General Weather Conditions: SEE ATTACHED																																									
General Situational Awareness and Safety: <ul style="list-style-type: none"> • MAINTAIN L.C.E.S. AT ALL TIMES. Safety zones and escape routes are mandatory • Ensure all personnel maintain situational awareness • Rolling material and steep terrain. Remember to maintain good footing • Keep your hydration up by drinking water and electrolyte beverages. Avoid energy drinks • Maintain good communications with your supervisors, adjacent forces and crew members • Guard against complacency. 																																									
5. Site Safety Plan Required? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Approved Site Safety Plan(s) Located at:																																									
6. Incident Action Plan (the items checked below are included in this Incident Action Plan): <table border="1" style="width:100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td><input checked="" type="checkbox"/></td><td>ICS 203</td> <td><input checked="" type="checkbox"/></td><td>ICS 214</td> <td><input checked="" type="checkbox"/></td><td>Finance Section Message</td> <td><input type="checkbox"/></td><td>Fire Operation Check List</td> </tr> <tr> <td><input checked="" type="checkbox"/></td><td>ICS 204(s)</td> <td><input checked="" type="checkbox"/></td><td>ICS 220</td> <td><input checked="" type="checkbox"/></td><td>FC-33 Input Form</td> <td><input checked="" type="checkbox"/></td><td>Water Usage Report</td> </tr> <tr> <td><input checked="" type="checkbox"/></td><td>ICS 205</td> <td><input checked="" type="checkbox"/></td><td>Weather Forecast</td> <td><input checked="" type="checkbox"/></td><td>Training Message</td> <td><input checked="" type="checkbox"/></td><td>Facility/Base Map</td> </tr> <tr> <td><input checked="" type="checkbox"/></td><td>ICS 206</td> <td><input checked="" type="checkbox"/></td><td>Fire Behavior Forecast</td> <td><input type="checkbox"/></td><td>Documentation Message</td> <td><input checked="" type="checkbox"/></td><td>Travel Map</td> </tr> <tr> <td><input checked="" type="checkbox"/></td><td>ICS 208</td> <td><input checked="" type="checkbox"/></td><td>Supp. Repair Message</td> <td><input type="checkbox"/></td><td>Demobilization Procedure</td> <td><input checked="" type="checkbox"/></td><td>Incident Map</td> </tr> </table>		<input checked="" type="checkbox"/>	ICS 203	<input checked="" type="checkbox"/>	ICS 214	<input checked="" type="checkbox"/>	Finance Section Message	<input type="checkbox"/>	Fire Operation Check List	<input checked="" type="checkbox"/>	ICS 204(s)	<input checked="" type="checkbox"/>	ICS 220	<input checked="" type="checkbox"/>	FC-33 Input Form	<input checked="" type="checkbox"/>	Water Usage Report	<input checked="" type="checkbox"/>	ICS 205	<input checked="" type="checkbox"/>	Weather Forecast	<input checked="" type="checkbox"/>	Training Message	<input checked="" type="checkbox"/>	Facility/Base Map	<input checked="" type="checkbox"/>	ICS 206	<input checked="" type="checkbox"/>	Fire Behavior Forecast	<input type="checkbox"/>	Documentation Message	<input checked="" type="checkbox"/>	Travel Map	<input checked="" type="checkbox"/>	ICS 208	<input checked="" type="checkbox"/>	Supp. Repair Message	<input type="checkbox"/>	Demobilization Procedure	<input checked="" type="checkbox"/>	Incident Map
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7. Prepared by: Name: <u>Mike Petro</u> Position/Title: <u>PSC1(T)</u> Signature: <i>Michael Petro</i>																																									
8. Approved by Incident Commander: Name: <u>Brett Gouvea</u> Signature: <i>Brett Gouvea</i>																																									
ICS 202	Date/Time: 08/13/2016 1500 hrs																																								

ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name: Mineral CA-FKU-011358		2. Operational Period: Date From: 8/14/2016 Time From: 0700		Date To: 8/15/2016 Time To: 0700	
3. Incident Commander(s) and Command Staff:			7. Operation Section:		
IC/UC's	Bret Gouvea	Chief	Tony Brownell / Steve Crawford (T)		
Deputy	Billy See / Keith Callison	Deputy	Greg Everhart		
Safety Officer	Baraka Carter / Anthony Stometta (T)	Night Ops	Mike Wink		
Information Officer	Mike Mohler	Staging Area			
Liaison Officer	David Schloss / Mike Hardy (T)	Branch	I	Director:	Steven Ward (T)
LE Liaison Officer	Scott Black / Sean McCabe	Division/Group	A	Chad Porter	
		Division/Group	M	Kevin Wegener	
4. Agency/Organization Representatives:			Division/Group		
BLM	Jerry Martinez	Division/Group			
CDCR	Aaron Dean	Division/Group			
PG&E	Tom Backer	Branch	II	Director:	Jim Fitzgerald
Fresno County OES	Steve Crump / Ken Austin	Division/Group	S	Stevie Long	
CAL OES	Bill Bonshu / Kelly Zombro	Division/Group	Y	Gary Robinson	
City of Coalinga Police	Mike Salcador	Division/Group			
City of Coalinga PW	Pere Perciado	Division/Group			
Fresno County SO	John Reynolds	Division/Group			
CHP	Lt. Jason Elsome	Branch	III	Director:	
		Division/Group	O	Unstaffed	
		Division/Group	Q	Unstaffed	
		Division/Group			
		Division/Group			
		Division/Group			
5. Planning Section:			Branch	Director:	
Chief	Jon Lovie	Division/Group	Road Group	Chip Fowler / Forrest Rowell	
Deputy	Mike Petro	Division/Group	Suppression Repair	Lucas Titus	
Resource Unit	Paul Carlos	Staging Area Manager			
Situation Unit	Eric Scovel	Division/Group			
Documentation Unit	Paul Saba	Division/Group			
Demobilization Unit	Chris Reneau	Branch	Director:		
GISS	Tim Werel / Ed Tumbleson (T)	Division/Group			
FBAN	Don Watt	Division/Group			
IMET	Jim Dudley	Division/Group			
Training Specialist	Dave Randolph	Air Operations Branch		Director:	Tim Stepanovich
Crew Tech	Mike Steineke (209) 419-3906	Air Attack Supervisor		James Tully	
6. Logistics Section			Air Support Supervisor		Matt Hill
Chief	Craig White	Helicopter Coordinator		Erich Schwab	
Deputy	Alex Long	Helibase Manager		Thomas Smith	
Supply Unit	Lon Story	8. Finance/Administration Section:			
Facilities Unit	Edwin Simpson	Chief	Rich Browne		
Ground Support Unit	Robert Tooker	Deputy	Abigail O'leary Enterline		
Hired Equipment Tech	Doug Granbois	Time Unit	Shannon Thompson		
Communications Unit	Tom Webb	Procurement Unit	Bob Counts		
Medical Unit	Brandon Grinstead	Comp/Claims Unit	Janet Lewis		
Food Unit	Manue Toste	Cost Unit	Suzi Cain		
Hotel Tech Spech	Paul Pumarejo				
Prepared By: Name:	Jon Lovie	PSC	Signature: 		
ICS 203	IAP Page _____	Date/Time:	8/13/2016 2300 hours		

FIRE WEATHER FORECAST

FORECAST NO. 4

NAME OF FIRE: Mineral PREDICTION FOR: Sunday, August 14, 2016

UNIT: Cal Fire Fresno Kings Unit

TIME AND DATE

FORECAST ISSUED: 2000 Saturday 08/13/16

SIGNED: 
Jim Dudley/ **Incident Meteorologist**

WEATHER DISCUSSION: High pressure will remain over the area Sunday and then weaken some Monday through Wednesday as a trough of low pressure moves across Northern California. After a very hot Sunday, temperatures will trend down slightly. Relative humidity will show little change in the trend with poor overnight recoveries. Winds aloft will be light with terrain winds dominating and gusty during the afternoons in canyons and over ridges.

.SUNDAY...

SKY/WEATHER..... Sunny.
MAX TEMPERATURE.....100-105.
MIN HUMIDITY.....8-13 percent.
EYE LEVEL WINDS.....Variable under 3 mph through 0900 then upslope 3-7 mph with gusts to 14 mph.
SURROUNDING RIDGE...South 2-4 mph.
MIXING HEIGHT.....Increasing to around 10000 feet agl.
MIXING WINDS.....Southwest 15 mph.

.SUNDAY NIGHT...

SKY/WEATHER.....Clear.
MIN TEMPERATURE.....72-77.
MAX HUMIDITY.....25-30 percent..
EYE LEVEL WINDS.....Downslope/down canyon 2-5 mph.
SURROUNDING RIDGE...Northwest 2-4 mph.
MIXING HEIGHT.....Lowering to less than 500 feet agl.
MIXING WINDS.....South 4 mph.

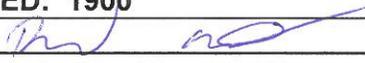
.MONDAY...

SKY/WEATHER.....Sunny.
MAX TEMPERATURE.....98-103.
MIN HUMIDITY.....9-14 percent.
EYE LEVEL WINDS..... Variable under 3 mph through 0900 then upslope 3-7 mph with gusts to 12 mph.
SURROUNDING RIDGE...Southwest 3-6 mph.
MIXING HEIGHT.....Increasing to around 9000 feet agl.
MIXING WINDS.....Southwest 12 mph.

.Outlook Tuesday and Wednesday...

Clear and hot. Highs 97-102. Lows 70-75. Minimum humidity 10-15 percent. Maximum humidity 22-27 percent.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 4	TYPE OF FIRE: Wildfire
FIRE NAME: Mineral	OPERATIONAL PERIOD: 8/14/16 0700-0700
DATE ISSUED: 8/13/16	TIME ISSUED: 1900
UNIT: FKU – Fresno Kings Unit	SIGNED: 
	Typed/printed: Don Watt FBAN

INPUTS

WEATHER SUMMARY:

The hot and dry weather will continue to persist with the high pressure over the area. High temperatures will be 100-105 degrees and low temperature of 72-77 degrees. The relative humidity will be 8-13 percent during the day and have poor recovery to 25-30 percent in the overnight hours. Winds will upslope 3-7 mph with gust to 14 mph during the day turning to downslope/downcanyon 2-5 mph in the overnight hours.

Probability of Ignition: 90-100% depending on slope aspect.

OUTPUTS

FIRE BEHAVIOR

GENERAL:

The limited heavy fuels in the fire area will be the focus of mop up. The fine and small fuels have had several days since consumed by the fire and will have little to no burning material. The brush may still have some root material burning under the surface. Continue to actively look for and hot spot near the fires edge or unburned material. The heavy equipment working on the fire has the potential to start a new fire as the probability of ignition will be near 100% in all areas of the fire. Any new fire in the area will have a slow to moderate rate of spread depending on its exposure to the wind and slope.

SPECIFIC:

The general area the fire is in has a predominant south to southwest wind caused by the air being pulled in from the coast as the valley heats during the day. This can be observed in the fire history of the area as many fires have a general south to north pattern. The change to this is when a high pressure is over the area the wind subsides and the fires become terrain driven in the many canyons. The limit of a dominant wind pattern also increased the multidirectional wind pattern as the steep terrain and canyons funnel winds in different directions. The steep terrain also creates eddies on the leeward side of the ridge. Any increase in fire behavior or new start will succumb to these factors and start slow and increase the rate of spread as it becomes affected by the terrain and upslope/upcanyon winds.

AIR OPERATIONS

Weather will not have an impact on aircraft operations.

SAFETY

During the heat of the day when fatigue starts to set in watch you footing on the steep and rocky slopes.

SAFETY MESSAGE/PLAN (ICS 208)

INCIDENT NAME: Mineral CA-FKU-011358	Operational Period: Date From: 8/14/16 Date to: 8/15/16 Time From: 0700 Time to: 0700
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“A solid safety mindset ensures personnel return home in the same condition they left in.”

//// MAJOR HAZARDS AND RISKS: ////

Hydration/Nutrition/Fatigue:

Drink plenty of fluids throughout the day and eat accordingly. Address dehydration and fatigue concerns immediately upon symptom onset. Utilize Rehab Trailer located on the fireline as needed.

Driving:

Steep, narrow, dusty roads throughout fire area. Maintain safe following distances and appropriate speed when traversing roads. Flag unstable roads and other hazards that may be encountered while driving.

Weather:

Hotter and drier conditions, reassess your personnel throughout the day. Take rehab breaks, and order sling loads early to stay on top of crew hydration. Be aware of changes in temps and RH's, work at an appropriate pace for conditions presented.

Communication:

Confirm all personnel have latest clone, test prior to going to line. Utilize human repeaters as necessary.

Hunting Season:

This is opening weekend of deer season. Keep an eye out for public and hunters in area. Report these encounters immediately to line supervisors.

Hazardous Trees and Snags:

Be alert of snags due to tree mortality and drought. Crews are working in a very hazardous area with numerous dead trees, stay diligent and flag hazardous areas. Avoid taking breaks under trees.

Heavy Equipment:

Utilize good spacing and watch for rollout and falling debris. Stay visible and work above and not below equipment. Maintain situational awareness at all times

Incident Within Incident (IWI):

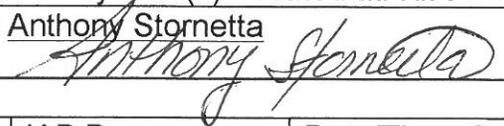
Review procedures on 206 at Divisional Breakouts and tailgate safety briefings.

Site Safety Plan Required? Yes: No: **X**

Approved Site Safety Plan(s) Located at: N/A

Prepared By: Anthony Stornetta

Position/Title: SOF1(T)

Signature: 

SAFETY BULLETIN

VALLEY FEVER

WHAT IS IT? Valley fever (Coccidioidomycosis) is a non-contagious disease, primarily of the lungs. It is caused by inhaling fungal spores that grow in the soil in some areas of southern and central California, and other western states. The spores are usually found in valley soils in areas of low rainfall, high summer temperatures, and moderate winter temperatures. They become airborne in the wind and through ground disturbing activities such as construction, farming, archeology work, and firefighting.

SIGNS AND SYMPTOMS: Approximately 60% of infected persons have mild to no symptoms. About 40% of infected persons develop more serious symptoms requiring medical treatment. The most common symptoms are:

- Chest congestion, difficulty breathing, heavy coughing
- Flu-like symptoms such as headache, night sweats & fatigue & sore throat
- Loss of appetite
- Aches in joints and bones
- Skin rash occurring most often on the shins or forearms, but occasionally on the chest or back. The medical term for this skin rash is called erythema nodosum (large, tender red nodules).
- The most important “pearl of wisdom” is to know that Valley Fever is endemic to this area, and that your Physician or Medical Provider realize that your symptoms, especially a pneumonia diagnosis might be Valley Fever Pneumonia.
- A more serious result of this infection is meningitis, a potentially fatal disease, in which a person may have fever, a stiff neck, confusion, or headache.

Symptoms usually appear 7-28 days after exposure, so might even forget that you were exposed to this fungus. The disease is often treated successfully with anti-fungal medications. In some situations, this infection resolves without treatment with medications. Your physician or medical provider will make this decision. In less than 1% of infected persons, Valley Fever will spread outside the lungs to the brain, bone and skin. Without proper treatment in these cases, the disease can lead to severe pneumonia, meningitis and death. Once a person is infected, the fungus usually remains in the body. Later in life, a cavity in the lungs, or other Chest X-Ray findings, might mimic a lung cancer or tuberculosis. In other words the Valley Fever might cause illness or “false positive” test results for lung cancer or tuberculosis. Sometimes before valley fever travels through the bloodstream to other areas, it infects the lymph nodes under the arms, or in the neck, or other areas. Valley Fever is notorious for traveling to five main areas: the lungs, the bone, the meninges, the skin, and the bloodstream.

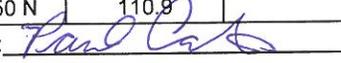
WHAT SHOULD YOU DO IF YOU THINK YOU HAVE BEEN EXPOSED: First, you should realize you have a higher probability of exposure if you have been in an area with a history of cases. You should see a physician that has good knowledge of Valley Fever. Often Valley Fever is misdiagnosed and you are your best advocate to catch it early. The physician might want to order a “complement fixation” Serology Blood Test for coccidioidomycosis (i.e., Cocci Serology). The physician may have to communicate with the laboratory to perform this test. This is probably one of the most useful tests for diagnosing Valley Fever, along with the Chest X-Ray. The Serology Blood test should be repeated about two weeks after the first blood test to make sure you haven’t developed a positive test result in the time period between the two tests. Another indicator that you may be affected by Valley Fever is that antibiotics won’t cure your symptoms, as Valley Fever is fungal.

We strongly encourage you to increase your awareness and knowledge of Valley Fever. The following websites can provide information:

<http://www.ncbi.nlm.nih.gov/pubmedhealth/PMH0002299/>

<http://www.cdph.ca.gov/HealthInfo/discond/Pages/Coccidioidomycosis.aspx>

ASSIGNMENT LIST (ICS 204)

1. Incident Name: Mineral CA-FKU-011358		2. Operational Period: Date From: 08/14/16 Date To: 08/15/16 Time From: 0700 Time To: 0700				3. Branch: I Division/Group: A (page 1 of 2) Staging Area:	
4. Operations Personnel: Operations Section Chief: Tony Brownell / Steve Crawford (T) Night Ops: Mike Wink Branch Director: Steven Ward (T) Branch Safety: Rudy Diaz, Brendan Barahura (T) Division/Group Supervisor: Chad Porter							
5. Resources Assigned:							
Resource Identifier	Leader	Number of Personnel	Contact	Reporting Location, Special Equipment, Remarks, Notes, and Information			
STC NEU 9232C*	Wallen, Matt	17		DP 1			
ENG BEU 4684	Spadaro, Albert	4		DP 1			
ENG BEU 4686	Conti, Frank A	4		DP 1			
ENG BEU 4661	Doyle, Phil	3		DP 1			
STG RRU 9374G	Meadows, Kevin J	33		DP 1			
STG SLU 9395G	Mumford, Dane	32		DP 1			
DOZ FKU 4341*	Minor, Shane	4		DP 1			
W/T E-231 HNK RANCH*	Malen, Pam	2		DP 1			
FEMP*	Winslow, Jon	1		DP 1			
FEMT*	Wrenn, William	1		DP 1			
Hold fire in planned lines Improve and hold control lines Mop up 300 feet or 100% Back haul garbage / hose / water							
7. Special Instructions:							
Branch and SOFR's are 12 Hour Resources							
12 Hour Resource *							
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 CMD 34	1	COMMAND	169.1000	0	164.1750	0	
VFIRE 24	5	TACTICAL	154.2725	156.7	154.2725	156.7	
CALCORD	15	EMS	156.0750	156.7	156.0750	156.7	
CDF T18	14	Air to Ground	159.3450	192.8	159.3450	192.8	
Air Guard	16	EMERGENCY	168.6250 N		168.6250 N	110.9	
9. Prepared by: Name: Paul Carlos		Pos/Title: RESL		Signature: 			
ICS 204		Date/Time: 8/13/2016		2300 hours			

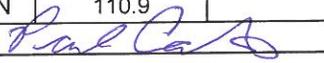
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4. Operations Personnel: Operations Section Chief: Tony Brownell / Steve Crawford (T) Night Ops: Mike Wink Branch Director: Jim Fitzgerald Branch Safety: Scott Tavalero, Graham Groneman (T) Division/Group Supervisor: Stevie Long							
5. Resources Assigned:						Reporting Location, Special Equipment, Remarks, Notes, and Information	
Resource Identifier	Leader	Number of Personnel	Contact (phone radio freq, etc.)				
STC LMU 9227C				DP 18			
STG FKU 9474G	Goode, Dan	37		DP 18			
CRW IRON MOUNTAIN*	Kizziar, Scott	20		DP 18			
W/T E-65 C BOGAN TRUCKING	Bogan, Sonny	2		DP 18			
W/T E-251 H2O PRO	Hughes, Jack	2		DP 18			
FEMP	Miller, Tim	1		DP 18			
FEMT	Toyota, Yoshimi	1		DP 18			
6. Work Assignments: Hold fire in planned lines Improve and hold control lines Mop up 300 feet or 100% Back haul garbage / hose / water							
7. Special Instructions: Branch and SOFR's are 12 Hour Resources 12 Hour Resource *							
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 CMD 34	1	COMMAND	169.1000	0	164.1750	0	
CDF T26	8	Tactical	159.2925	192.8	159.2925	192.8	
CALCORD	15	EMS	156.0750	156.7	156.0750	156.7	
CDF T18	14	Air to Ground	159.3450	192.8	159.3450	192.8	
Air Guard	16	EMERGENCY	168.6250 N		168.6250 N	110.9	
9. Prepared by: Name: Paul Carlos		Pos/Title: RESL		Signature:			
ICS 204	Date/Time: 8/13/2016 2300 hours						

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1. Incident Name: Mineral CA-FKU-011358		2. Operational Period: Date From: 08/14/16 Date To: 08/15/16 Time From: 0700 Time To: 0700				3. Branch: Division/Group: Road Group Staging Area:	
4. Operations Personnel: Operations Section Chief: Tony Brownell / Steve Crawford (T) Night Ops: Mike Wink Branch Director: Division/Group Supervisor: Chip Fowler / Forrest Rowell							
5. Resources Assigned:				Number of Personnel	Contact (phone, radio freq, etc.)	Reporting Location, Special Equipment, Remarks, Notes, and Information	
Resource Identifier		Leader					
W/T E-58 ASHBROOK*				1		-	
W/T E-59 SEQUOIA KINGS*				2		-	
W/T E-61 HUGHES TREE SERVICE*		Nabors, Duane		2		-	
W/T E-66 VALLEY FARMS SERVICE*		Adam		2		-	
W/T E-124 ASHBROOK*		Byers, Darin		2		-	
W/T E-217 WILLMORE AG SERVICES*		Taylor, John		1		-	
GRD E-274 ATLAS PEAK*		Hammond, Jeff		2		-	
GRD E-275*						-	
6. Work Assignments: Maintain roads as required							
7. Special Instructions: 12 Hour Resource*							
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 CMD 34	1	COMMAND	169.1000	0	164.1750	0	
CDF T29	11	TACTICAL	151.3475	192.8	151.3475	192.8	
CALCORD	15	EMS	156.0750	156.7	156.0750	156.7	
CDF T18	14	Air to Ground	159.3450	192.8	159.3450	192.8	
Air Guard	16	EMERGENCY	168.6250 N		168.6250 N	110.9	
9. Prepared by: Name: Paul Carlos		Pos/Title: RESL		Signature: <i>Paul Carlos</i>			
ICS 204		Date/Time: 8/13/2016 2300 hours					

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1. Incident Name: Mineral CA-FKU-011358		2. Operational Period: Date From: 08/14/16 Date To: 08/15/16 Time From: 0700 Time To: 0700				3. Branch: Division/Group: Suppression Repair Staging Area: (page 1 of 2)	
4. Operations Personnel: Operations Section Chief: Tony Brownell / Steve Crawford (T) Night Ops: Mike Wink Branch Director: Division/Group Supervisor: Lucas Titus							
5. Resources Assigned:		Resource Identifier	Leader	Number of Personnel	Contact (phone, radio freq, etc.)	Reporting Location, Special Equipment, Remarks, Notes, and Information	
ENG BEU 4666*		Vasquez, Henry		3		-	
ENG BEU 4676*		Franklin, Joshua W		3		-	
DOZ E-82 CHUCK FRY*		Chuck, Fry		2		-	
DOZ E-87 Buck Carothers*		Carothers, Buck		2		-	
DOZ E-88 SHANNON DOZ*		Shannon, Bill		2		-	
DOZ E-166 LUIZ CONST*		Luiz, Bob		2		-	
DOZ E-167 BRAD INGRAM CONST*		Ingram, Brad		2		-	
DOZ E-168 LYNCH TRUCKING*		Lynch, Marty		2		-	
W/T E-64 G&J TRUCK INC*		Parker, Derek		2		-	
W/T E-67 SHOOT FIRE*		Braziel, Mel		2		-	
W/T E-125 FRANK J. SCHLITZ*		Schlitz, Frank		2		-	
W/T E-253 STONE*		Gerry, John		2		-	
W/T E-254 CHUCK BRYANT*		Bryant, Chuck		2		-	
MAS E-255 CECIL*		Cecil, Justin		1		-	
MAS E-256 - RIDGE LOGGING*				2		-	
6. Work Assignments: Follow Fire Suppression Repair Plan							
7. Special Instructions: 12 Hour Resource*							
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 CMD 34	1	COMMAND	169.1000	0	164.1750	0	
CDF T30	12	TACTICAL	151.3925	192.8	151.3925	192.8	
CALCORD	15	EMS	156.0750	156.7	156.0750	156.7	
CDF T18	14	Air to Ground	159.3450	192.8	159.3450	192.8	
Air Guard	16	EMERGENCY	168.6250 N		168.6250 N	110.9	
9. Prepared by: Name: Paul Carlos		Pos/Title: RESL		Signature: 			
ICS 204		Date/Time: 8/13/2016 2300 hours					

ASSIGNMENT LIST (ICS 204)

1. Incident Name: Mineral CA-FKU-011358		2. Operational Period: Date From: 08/14/16 Date To: 08/15/16 Time From: 0700 Time To: 0700				3. Branch: Division/Group: Suppression Repair Staging Area: (page 2 of 2)	
4. Operations Personnel: Operations Section Chief: Tony Brownell / Steve Crawford (T) Night Ops: Mike Wink Branch Director: Division/Group Supervisor: Lucas Titus							
5. Resources Assigned:						Reporting Location, Special Equipment, Remarks, Notes, and Information	
Resource Identifier	Leader	Number of Personnel	Contact (phone, radio freq, etc.)				
EXC PVT - TERRY E-292*	Johnson, Terry	1		-			
EXC PVT JOHNSON E-295*	Johnson, Justin	1		-			
HEQB*	Hyman, Matthew	1		-			
HEQB (T)*	Mellor, James	1		-			
HEQB*	Lowry, Brad	1		-			
HEQB (T)*	Wedel, Andrew	1		-			
HEQB*	Hall, Scott	1		-			
HEQB*	Wise, Michael	1		-			
FOBS*	Wilson, Brian	1		-			
FOBS (T)*	Ruiz, Roberto	1		-			
FOBS (T)*		1		-			
6. Work Assignments: Follow Fire Suppression Repair plan							
7. Special Instructions: 12 Hour Resource*							
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 CMD 34	1	COMMAND	169.1000	0	164.1750	0	
CDF T30	12	TACTICAL	151.3925	192.8	151.3925	192.8	
CALCORD	15	EMS	156.0750	156.7	156.0750	156.7	
CDF T18	14	Air to Ground	159.3450	192.8	159.3450	192.8	
Air Guard	16	EMERGENCY	168.6250 N		168.6250 N	110.9	
9. Prepared by: Name: Paul Carlos		Pos/Title: RESL		Signature:			
ICS 204		Date/Time: 8/13/2016 2300 hours					

INCIDENT RADIO COMMUNICATIONS PLAN		Incident Name Mineral				Date/Time Prepared 8/13/2016 1800 hrs		Operational Period Date/Time 8/14/2016 0700 to 0700			
Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq	N or W	RX Tone/NAC	TX Freq	N or W	TX Tone/NAC	Mode A, D or M	Remarks
1	Command	CDF CMD 11	All Divisions	151.1675		103.5	159.3975		127.3	A	Tone 12 Smith Grade <u>Linked</u>
2	Command	NIFC CMD 2	All Divisions	168.1000		0.0	170.4500		0.0	A	Joaquin Ridge <u>Linked</u>
3	Command	NIFC CMD 34	All Divisions	169.1000		0.0	164.1750		0.0	A	Water Tank <u>Linked</u>
4	Initial Attack	FKU 1	Initial Attack	151.3850		131.8	159.2700		OST	A	
5	Tactical	VFIRE 24	Div A	154.2725		156.7	154.2725		156.7	A	
6	Tactical	VFIRE 25	Div M	154.2875		156.7	154.2875		156.7	A	
7	Tactical	VFIRE 26	Div Y	154.3025		156.7	154.3025		156.7	A	
8	Tactical	CDF TAC 26	Div S	159.2925		192.8	159.2925		192.8	A	
9	Tactical	CDF TAC 27	Not Assigned	159.3075		192.8	159.3075		192.8	A	Not Assigned
10	Tactical	CDF TAC 28	Not Assigned	151.1825		192.8	151.1825		192.8	A	Not Assigned
11	Tactical	CDF TAC 29	Road GRP	151.3475		192.8	151.3475		192.8	A	
12	Tactical	CDF TAC 30	Sup. Repair	151.3925		192.8	151.3925		192.8	A	
13	AIR to GRND CMD	CDF TAC 22	All Divisions	159.4050		192.8	159.4050		192.8	A	Air to Grnd CMD Div and Branch only
14	AIR TO GRND	CDF TAC 18	All Divisions	159.3450		192.8	159.3450		192.8	A	Air To Ground Target ID
15	EMS	CALCORD	All Divisions	156.0750 N		156.7	156.0750 N		156.7	A	IWI Use
16	Emergency	Air Guard	All Divisions	168.6250 N			168.6250 N		110.9 (1)	A	EMERGENCIES ONLY
17	Tactical	VTAC 13	Not Assigned	158.7375		156.7	158.7375		156.7	A	Not Assigned
18											
19											
20	Emergency	Air Guard	All Divisions	168.6250 N			168.6250 N		110.9 (1)		EMERGENCIES ONLY

Prepared By (Communications Unit)
Tom Webb COML IMT #1

Incident Location
County Fresno State-CA Latitude Longitude
N W

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital (e.g. Project 25) or "M" indicating mixed mode. All channels are shown as if programmed in a control station, mobile or portable radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

1. Incident Name: MINERAL	2. Operational Period: Date From: 8/14/16 Time From: 07:00	Date To: 8/15/16 Time To: 07:00
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3. Medical Aid Stations: MEDICAL UNIT LEADER : (925) 588-6823 COMMUNICATIONS UNIT: (559) 906-7771			
Name	Location	Contact Number(s)/Frequency	Paramedics on Site?
MERT	BASE CAMP: CDC SLEEPING AREA	(925) 588-6830	RN/MD
A&H Medical Supply	BASE CAMP: NEAR FEEDING	(951) 318-8000	NO

4. Transportation (indicate air or ground):			
Ambulance Service	Location	Contact Number(s)/Frequency	Level of Service
COALINGA FIRE M252	COLINGA FD HQ	(559) 600-7406	ALS
AMERICAN AMB 136	BASE CAMP	DISP (559) 600-7406 UNIT (925) 719-9867	ALS
SKY LIFE	FRESNO INTERNATIONAL AIRPORT	(559) 600-7406	ALS (RN)
GAURD 824	COLINGA AIRPORT	MINERAL COMMUNICATIONS	HOIST/24HR

5. Hospitals:							
Hospital Name	Address, Latitude & Longitude if Helipad	Contact Number(s)/Frequency	Travel Time		Trauma Center	Burn Center	Helipad
			Air	Ground			
COALINGA REGIONAL MC	1191 PHELPS AVE, COALINGA N 36° 09.09 W 120° 20.23	(559) 935-6400	7	20	NO	NO	YES
ADVENTIST MEDICAL CTR	115 MALL DRIVE, HANFORD N 36° 19.24 W 119° 40.02	(559) 582-9000	15	30	NO	NO	YES
COMMUNITY REGIONAL MC	2883 FRESNO ST. , FRESNO N 36° 44.50 W 119° 47.04	(559) 459-7277	45	120	YES LEVEL: 1	YES	YES

6. Special Medical Emergency Procedures:
LINE EMERGENCY:
 Crew Supervisor to contact Division Supervisor with patient complaint/condition, location, and resource needs.

- Division Supervisor contacts and gives report on conditions, complaint/condition, and resource needs to:
 1. Nearest Line FEMT/FEMP
 2. Communications Unit
- Emergency or Priority traffic received: Communication Unit will clear the command channel for emergency traffic only, for the duration of the MAJOR IWI
- Communications Unit will make proper notifications and start a 20 minute incident timer.
- OPERATIONS can declare a MAJOR IWI based on the report on conditions from the division supervisor.
- Division Supervisor or designee will serve as point of contact (IWI SUPERVISOR) and run the emergency utilizing the COMMAND CHANNEL and CALCORD for the tac net during the IWI.

****ALL EMERGENCIES: Secure the area and identify witnesses for later investigation. Keep an accurate log of events****

BASE CAMP EMERGENCY:
CONTACT COMMUNICATIONS UNIT AT: (559) 906-7771
 report patient complaint/condition and location. Medical Staff will respond to stabilize incident

- COMMUNICATIONS Unit contacts:
 1. Operations
 2. Medical
 3. Safety
 4. Logistics

****ALL INJURY REPORTING PROCEDURES****

CHIEF COMPLAINT _____
 LOCATION OF PATIENT _____
 TRANSPORT REQUEST BY: AIR ___ GROUND ___
 DIVISION _____ CREW _____
 POINT OF PICKUP _____
 LAT _____ LONG _____
 IS EMT WITH THE PATIENT: YES ___ NO ___
 AGE _____
 SEX: MALE ___ FEMALE ___

****Pre-determined rendezvous location for transfer from rescue helicopter to ground ambulance or air ambulance:
 COALINGA MUNICIPAL AIRPORT 24505 W DORIS AVE. COALINGA**

Check box if aviation assets are utilized for rescue. If assets are used, coordinate with Air Operations.

7. Prepared by (Medical Unit Leader): Name: BRANDON GRINSTEAD Signature: 

8. Approved by (Safety Officer): BARAKA CARTER Signature: 

ICS 206	IAP Page _____	Date/Time: 8/13/16 18:00
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TWO OPERATOR (24 HR SHIFT)

EMERGENCY SHIFT TICKET and EVALUATION FORM <small>The responsible Government Officer will complete this form each shift</small>						Contractor Name SMOKEY DOZBR	
Incident or Project Name SAMPLE		Incident Number CALNU 012345		Request Number E-84		Operator #1 FRED RANGER	Operator #2 ED BOSS
Agreement Number LNU - 01234567						Operator Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government	
Equipment Make CAT 06C		Equipment Model / Type DOZ TYPE 2-D				Operating Supplies Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government	
Serial Number 10K1234		License Number ---				Equipment Status <input checked="" type="checkbox"/> Inspected <input checked="" type="checkbox"/> Under Agreement	
Equipment Use						Released by Government <input type="checkbox"/> Withdrawn by Contractor <input type="checkbox"/>	
Date				(Circle) (Hours) Days / Miles		Remarks/Comments ** - 23:00 CHANGED OPERATORS F. RANGER FOR E. BOSS - NO DAMAGE / NO CLAIM	
Mo / Day	Start	Stop	Work	Assignment			
10-4	0700	2400	17	DIV - A			
10-5	0001	0700	7	DIV - A			
Vendor Rating						Govt. Rep. Name and Position - PRINT RON AGENT DIV-A	
Met Performance Expectations		Poor*		Avg.		Good	
Equipment in Safe Working Condition						Exc.	
Operator Skill Level						N/A	
Operates Safely						Govt. Rep. Signature <i>[Signature]</i>	
Operator's Cooperation Level						Contractor Signature Fred Ranger	
Overall Performance						Date 10-5-14 Time 0710	
* NOTE: Any rating of POOR requires an explanation in Comment Section. **Final evaluation or for more documentation, use an ICS Form 230 or equivalent.						CAL FIRE 297 (Rev 3-2011)	
Pink - Finance		Blue - Home Unit HE Coordinator		Yellow - Vendor		White - Govt Representative	

ONE OPERATOR (16 HR MAX.)

EMERGENCY SHIFT TICKET and EVALUATION FORM <small>The responsible Government Officer will complete this form each shift</small>						Contractor Name WATER HAVIN INC.	
Incident or Project Name SAMPLE		Incident Number CALNU 012345		Request Number E-132		Operator #1 JOHN AGUA	Operator #2 ---
Agreement Number MEU - 12345678						Operator Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government	
Equipment Make 1996 PETE		Equipment Model / Type WT TYPE-1				Operating Supplies Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government	
Serial Number 123VIN 0123456		License Number 9P12345				Equipment Status <input checked="" type="checkbox"/> Inspected <input checked="" type="checkbox"/> Under Agreement	
Equipment Use						Released by Government <input type="checkbox"/> Withdrawn by Contractor <input type="checkbox"/>	
Date				(Circle) (Hours) Days / Miles		Remarks/Comments ** - ONE OPERATOR - NO DAMAGE / NO CLAIM	
Mo / Day	Start	Stop	Work	Assignment			
10-11	0001	0700		OFF SHIFT			
10-11	0700	1900	12	DIV - B			
10-11	1900	2400		OFF SHIFT			
Vendor Rating						Govt. Rep. Name and Position - PRINT ED POE	
Met Performance Expectations		Poor*		Avg.		Good	
Equipment in Safe Working Condition						Exc.	
Operator Skill Level						N/A	
Operates Safely						Govt. Rep. Signature <i>[Signature]</i>	
Operator's Cooperation Level						Contractor Signature John Agua	
Overall Performance						Date 10-11 Time 1900	
* NOTE: Any rating of POOR requires an explanation in Comment Section. **Final evaluation or for more documentation, use an ICS Form 230 or equivalent.						CAL FIRE 297 (Rev 3-2011)	
Pink - Finance		Blue - Home Unit HE Coordinator		Yellow - Vendor		White - Govt Representative	

Instructions for Use of CDF 101 Property Certification of Location or Damage

Document Number: for use as a local number system or when attached to a FC-40 document.

Location / Incident Name: Enter the CDF facility property is assigned to. If submitting to an incident base, enter the Incident Name.

Incident Number: Enter the appropriate incident number

Unit: Enter the Unit the property is assigned to. If submitting to an incident base, enter the request number of the person certifying damage example E-320, C-14 or O-355.

Region: Enter the CDF Region where the property was assigned. If submitting to an incident base, enter the CDF Region responsible for the incident.

Date: Enter the date the P.L. or D. was completed.

The following items were: Enter either 'Broken', 'Left on Line', 'Damaged' or other status of the property.

Reminder, this form cannot be used in place of the STD-152 to certify Lost, Stolen, Worn Out or Damaged beyond repair property.

Date of Occurrence: Enter the date the property was broken, left on line or damaged.

Quantity: Enter the quantity for the line item.

Unit of Measure: Enter the unit of measure for the line item (example ea = each).

CDF Stock Number: Enter the PIN or stock number.

Description: Enter the description of the line item, indicate size, make, model and type. Clearly describe the item and provide adequate data to effectively identify equipment or property.

Property Number: Enter the CDF property number assigned to the line item, Capitalized or sensitive property must have their property number entered here.

Location of Items: Where is the property now (example, left on Division B night shift 8/1/04, Drop Point 2). A GPS coordinate, Station 22 or Unit Service Center may also be used to describe Location.

Remarks: Enter specific remarks here, how was the property damaged, what specifically is wrong with it.

Signature of Person Certifying Occurrence as Described:

Signature: The CDF Employee certifying the occurrence must sign.

Printed Name: Enter the printed name of the signature.

Title: Enter the title of the signature.

Date: Enter the date of the signature.

Unit Supervisors Approval:

If submitted on an incident this section must be completed by the supervisor of the property custodian. This may be the Strike Team Leader, Division Supervisor, Receiving and Distribution Manager, Supply Unit Leader, Logistics Section Chief, Agency Representative or Incident Commander.

If submitted at the home Unit this section must also be completed by the supervisor of the property custodian. This may be a Battalion or Division Chief.

Comments: Supervisors may enter comments of approval or disapproval.

Signature of Unit Administrator: Signature of Unit Supervisor reviewing the certification described.

Title: Title of the signature.

Date: Date of the signature.

Notes:

This document is NOT required if exchanging property at an incident base with the exception of capitalized or sensitive property assigned a CDF property number.

This document is required as certification when submitting an MRT to your local Service Center for replacement of property.

An OF-315 (Incident Replacement Requisition) is required as authorization to purchase fire replacement items at your local Unit. This document is required when submitting an MRT to you local Service Center for fire replacement items. A CDF-101 and/or A STD-152 are required for the certification of the status of property being requisitioned for replacement.

TRAINING SPECIALIST MESSAGE

ALL TRAINEE'S MUST CLOSE OUT
WITH THE TRAINING SPECIALIST
PRIOR TO DEMOB

BE SURE TO BRING WITH YOU:

- COMPLETED ICS 225
- COMPLETED EVALUATION RECORD
- POSITION TASK BOOK



TNSP Dave Randolph (805) 857-4820

Mineral Incident Fire Suppression Repair Plan

I. Objectives

The objective of the Suppression Repair Plan is to mitigate possible adverse effects to resources resulting from fire suppression activities on the Mineral Fire in a manner which does not compromise firefighter safety. The mitigations described within this plan have been developed to apply to constructed fire lines, watercourse crossings, access roads, drop points, heli-spots and any other locations disturbed by fire suppression activities. A Repair Specialist will be assigned to ensure that work is done as required and according to the Emergency Fire Suppression Repair Plan. Additional specialists or equipment may be used if the need arises. Specialists will release equipment from the area when their work is completed.

II. General Repair Guidelines

A. Helispots/Staging Areas/Safety Zones

- 1) Re-contour to the original slope as requested by the Repair Specialist.
- 2) Remove soil, and/or breach berms so that runoff can be dissipated. Cross drain these areas to effectively dissipate water runoff.
- 3) Place disturbed vegetation, brush and trees, piled during line construction, on the surface of safety zones and open areas. This may be done with equipment or hand crews.

B. Roads

- 1) Re-establish existing berms where applicable.
- 2) Breach berms to facilitate drainage, where applicable.
- 3) Clean culverts plugged with soil and rock resulting from fire suppression activities.
- 4) Blading or grading of roads may be necessary.
- 5) Out slope all roads minimizing berms.

C. Firelines;

Dozer Lines (SRA, Private land)

- 1) Break apart dozer piles.
- 2) Do not cover lines with brush.
- 3) Remove all berms so that water will not be channeled and allow water to dissipate.
- 3) Remove all materials from watercourses.

Dozer Lines (BLM) Refer to BLM suppression repair guidelines, Refer to ownership map

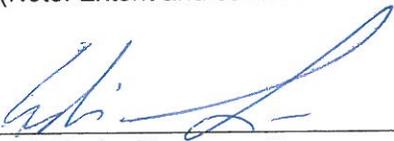
D. Watercourses

- 1) Watercourse crossings shall be dipped to original configuration. Waterbreaks shall be installed on each side of channel to divert flow off of trails prior to entering watercourse channel.
- 2) Remove all soil and debris that was placed in any stream channel. A Repair Specialist will review the site for acceptability. If all foreign material cannot be removed with heavy equipment, the material shall be removed by hand. The approaches to the crossing may be sloped back to prevent future stream bank failure.

E. Other Repair Concerns

- 1) Remove all trash from fire lines and other affected areas.
- 2) Repair, broken, damaged fences, and/or gates damaged as the result of the fire control operations will be repaired. (Note: Extent and condition of damage should be documented prior to repairs.)

Prepared by:



Edwin Simpson, Emergency Fire Line Repair Technical Specialist



REHAB SPECIFICATIONS

Purpose of Rehabilitation after Fighting a Wildland Fire:

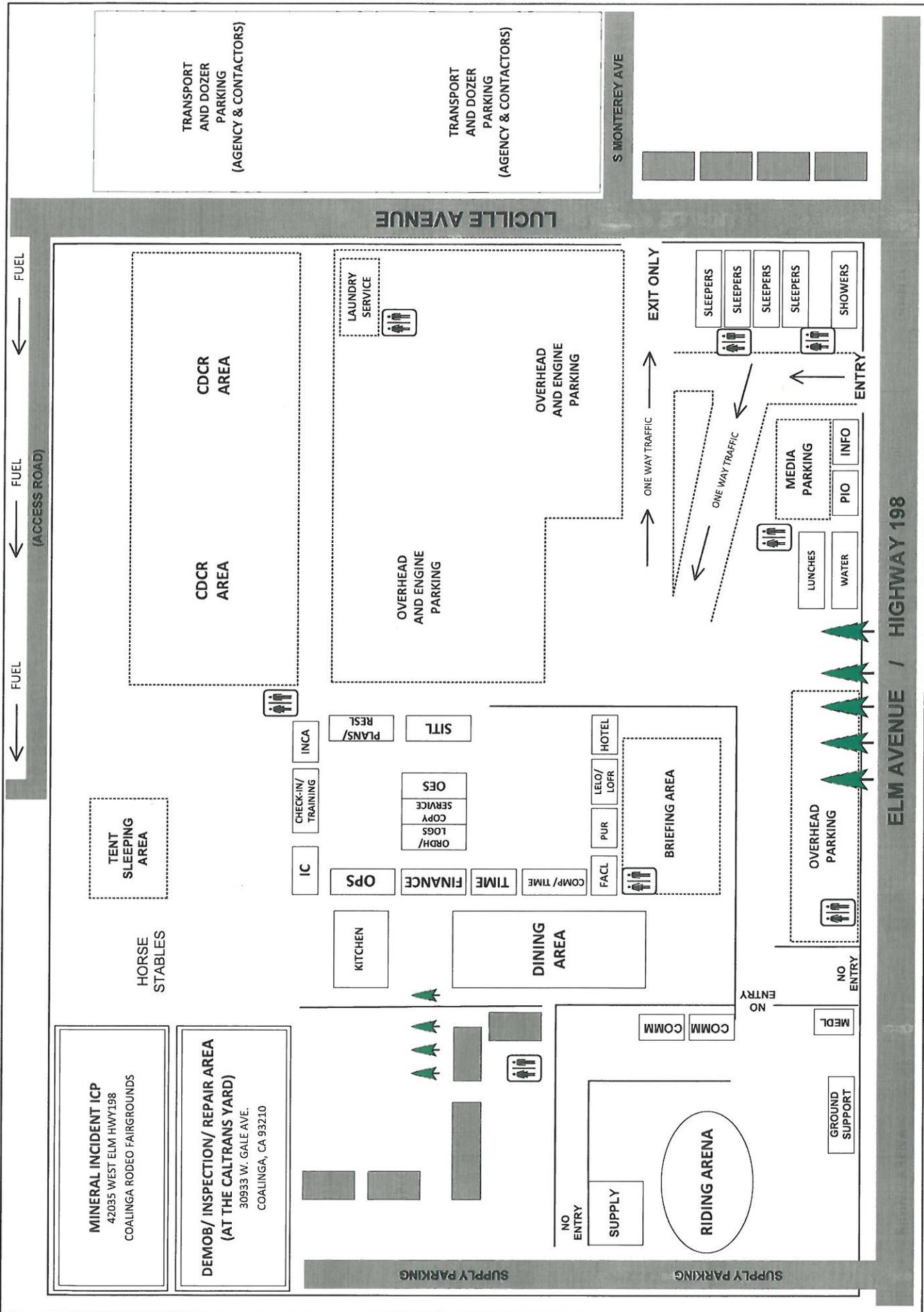
- To return the area to a clean natural state comparable to or better than the layout of the land prior to the fire;
- to enhance natural vegetation regeneration;
- to reduce water and wind erosion to fire exposed soils;
- to identify damaged property for future repair;
- to identify and map previously unknown special areas such as riparian habitats, vegetation islands for natural seeding, and archaeological sites exposed by the burn or fire suppression activities.

General Checklist for Rehabilitation:

- ✓ Remove and dispose of trash or litter from all firelines, helispots, helibases, camps, parking and staging areas.
- ✓ Remove line and trail flagging.
- ✓ Close gates that were opened. Advise BLM duty officer if there are livestock in the area.
- ✓ Provide information to BLM Agency representative or duty officer about fire damage to fences, gates, troughs, cattle guards, signs, roads; and any discoveries of archaeological features or artifacts.
- ✓ Prior to releasing heavy equipment (dozers, excavators, etc.) from incident, contact BLM agency representative or the Mother Lode Duty Officer. **See additional specifications below.**
- ✓ Where practical, trenched or constructed hand line should be pulled back to the natural contour of the slope to reduce channeling water erosion and to discourage motorcycle play in or near burned areas.
- ✓ Identify and use appropriate rehabilitation on access roads. A road grader may be required instead of the dozer.

Rehabilitation of dozer lines:

- ✓ Re-contour fire lines to the existing slope of the hill. Blend bermed materials (soils, rocks, brush piles) back onto the dozer line in a natural appearance. Brush or cut trees shall be spread back onto the dozer line, where practical.
- ✓ Spread material from cat piles. Spread this material back onto the dozer line only if there is no chance of fire re-ignition.
- ✓ Rubble the dozer lines with rock and debris to disguise the dozer line from road appearance. The entrance to the dozer line shall be blocked from vehicle travel, if possible, by placing slash, boulders, or erosion control devices in such way as to discourage motorized vehicle driving.
- ✓ Water bar only where necessary on slopes needing water control. Water bars should be constructed so as to drain outside the burn. If possible, the water bar should curve slightly to follow the natural topography and be tailed out into unburned vegetation: to slow water runoff and enhance water dispersal over a wider area.



CA-FKU-011358
 August 14, 2016
 Not To Scale

MINERAL INCIDENT FACILITIES MAP



MINERAL INCIDENT

CA-FKU-011358

Transportation Map



DP-1 From ICP:

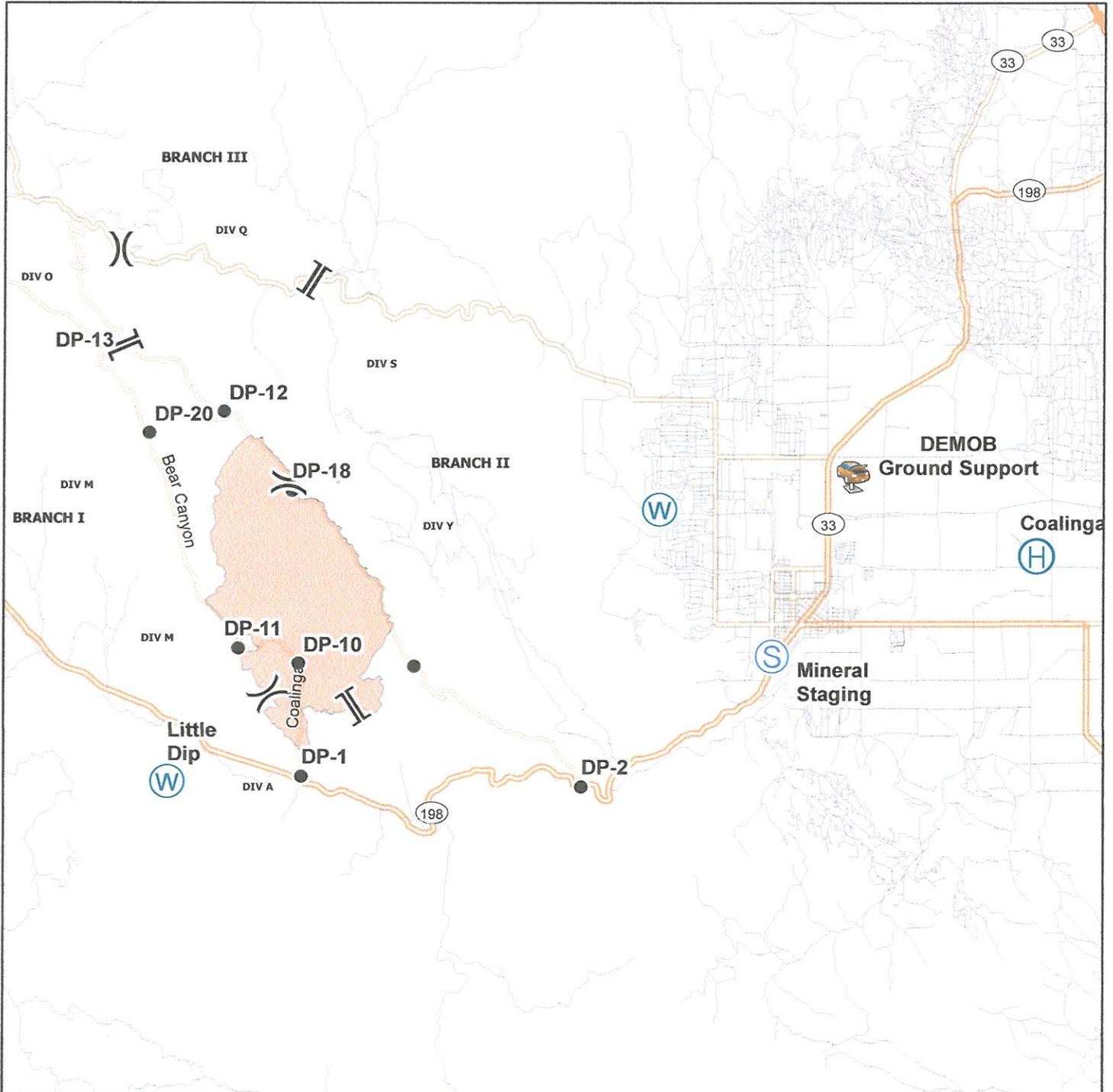
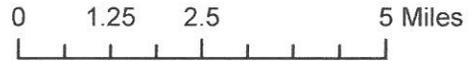
Travel South West on Highway 198 for 11 miles
Turn Right on Coalinga Mineral Springs Road

Helibase From ICP:

North on 198 to East 33
East 33 for 4.5 miles
Left on S. Calaveras Ave

Ground Support From ICP:

Left on HWY 198. 4.4 Miles
42035 West Elm Avenue



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