

# MINERAL FIRE



## INCIDENT ACTION PLAN

**AUGUST 16, 2016 0700**

**TO**

**AUGUST 19, 2016 0700**

***CA-FKU-011358***

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

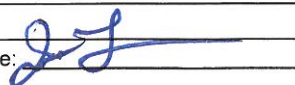


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**INCIDENT OBJECTIVES (ICS 202)**

<b>1. Incident Name:</b> <b>MINERAL INCIDENT CA-FKU-011358</b>	<b>2. Operational Period:</b> Date From: 08/16/2016    Date To: 08/19 /2016 Time From: 0700 hours    Time To: 0700 hours																				
<b>3. Objective(s):</b> <u><b>Management Objectives</b></u> <ul style="list-style-type: none"> <li>• Provide for public and emergency personnel safety at all times</li> <li>• Provide for timely and accurate release of incident information to the public, media, first responders and cooperators</li> <li>• Protect and defend structures and improvements in the fire area</li> <li>• Protect natural and cultural resources in the fire area</li> <li>• Provide a process to manage emergency resources efficiently</li> <li>• Ensure costs are minimized appropriately for values at risk</li> <li>• Ensure coordination and communication with stakeholders and cooperating agencies</li> </ul> <u><b>Control Objectives</b></u> <ul style="list-style-type: none"> <li>• Keep the fire within existing control lines</li> </ul>																					
<b>4. General Weather Conditions:</b>  <p align="center">SEE ATTACHED</p>																					
General Situational Awareness and Safety: <ul style="list-style-type: none"> <li>• MAINTAIN L.C.E.S. AT ALL TIMES. Safety zones and escape routes are mandatory</li> <li>• Ensure all personnel maintain situational awareness</li> <li>• Rolling material and steep terrain. Remember to maintain good footing</li> <li>• Keep your hydration up by drinking water and electrolyte beverages. Avoid energy drinks</li> <li>• Maintain good communications with your supervisors, adjacent forces and crew members</li> <li>• Guard against complacency.</li> </ul>																					
<b>5. Site Safety Plan Required?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <b>Approved Site Safety Plan(s) Located at:</b>																					
<b>6. Incident Action Plan</b> (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"/> ICS 203</td> <td><input checked="" type="checkbox"/> ICS 214</td> <td><input checked="" type="checkbox"/> Finance Section Message</td> <td><input type="checkbox"/> Fire Operation Check List</td> </tr> <tr> <td><input checked="" type="checkbox"/> ICS 204(s)</td> <td><input checked="" type="checkbox"/> ICS 220</td> <td><input checked="" type="checkbox"/> FC-33 Input Form</td> <td><input checked="" type="checkbox"/> Water Usage Report</td> </tr> <tr> <td><input checked="" type="checkbox"/> ICS 205</td> <td><input checked="" type="checkbox"/> Weather Forecast</td> <td><input checked="" type="checkbox"/> Training Message</td> <td><input checked="" type="checkbox"/> Facility/Base Map</td> </tr> <tr> <td><input checked="" type="checkbox"/> ICS 206</td> <td><input checked="" type="checkbox"/> Fire Behavior Forecast</td> <td><input type="checkbox"/> Documentation Message</td> <td><input checked="" type="checkbox"/> Travel Map</td> </tr> <tr> <td><input checked="" type="checkbox"/> ICS 208</td> <td><input checked="" type="checkbox"/> Supp. Repair Message</td> <td><input type="checkbox"/> Demobilization Procedure</td> <td><input checked="" type="checkbox"/> 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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<b>7. Prepared by:</b> Name: <u>Mike Petro</u> Position/Title: <u>PSC1(T)</u> Signature: <i>Michael Petro</i>																					
<b>8. Approved by Incident Commander:</b> Name: <u>Jim Fitzgerald</u> Signature: _____																					
<b>ICS 202</b>	Date/Time: 08/15/2016 1300 hrs																				

## ORGANIZATION ASSIGNMENT LIST (ICS 203)

<b>1. Incident Name:</b> Mineral CA-FKU-011358		<b>2. Operational Period: Date From:</b> 8/16/2016 Time From: 0700		<b>Date To:</b> 8/19/2016 Time To: 0700	
<b>3. Incident Commander(s) and Command Staff:</b>			<b>7. Operation Section:</b>		
IC/UC's	Jim Fitzgerald	Chief			
Deputy		Deputy			
Safety Officer		Night Ops			
Information Officer		Staging Area			
Liaison Officer		<b>Branch</b>	<b>I</b>	<b>Director:</b>	
LE Liaison Officer		Division/Group	A/M	Steve Ward	
		Division/Group			
<b>4. Agency/Organization Representatives:</b>			Division/Group		
Unit Line Officer	Jim McDougal	Division/Group			
Agency Administrator	Mark Johnson	Division/Group			
Unit Duty Officer	Dustub Hail	<b>Branch</b>	<b>II</b>	<b>Director:</b>	
		Division/Group	S/Y	Scott Lane (9310C)	
		Division/Group			
		Division/Group			
		Division/Group			
		Division/Group			
		<b>Branch</b>	<b>III</b>	<b>Director:</b>	
		Division/Group			
		Division/Group			
		Division/Group			
		Division/Group			
<b>5. Planning Section:</b>			<b>Branch</b>	<b>Director:</b>	
Chief		Division/Group			
Deputy		Division/Group		Suppression Repair	Lucas Titus
Resource Unit	Paul Carlos	Staging Area Manager			
Situation Unit		Division/Group			
Documentation Unit		Division/Group			
Demobilization Unit		<b>Branch</b>		<b>Director:</b>	
GISS		Division/Group			
FBAN		Division/Group			
IMET		Division/Group			
Training Specialist		<b>Air Operations Branch</b>		<b>Director:</b>	
Crew Tech		Air Attack Supervisor			
<b>6. Logistics Section</b>			Air Support Supervisor		
Chief	Pete Hernandez	Helicopter Coordinator			
Deputy	Alex Long	Helibase Manager			
Supply Unit	Jacob Guerra	<b>8. Finance/Administration Section:</b>			
Facilities Unit	Edwin Simpson	Chief			
Ground Support Unit		Deputy			
Hired Equipment Tech		Time Unit			
Communications Unit		Procurement Unit			
Medical Unit		Comp/Claims Unit			
Food Unit		Cost Unit			
Hotel Tech Spech	FKU FLO				
<b>Prepared By: Name:</b>	Jon Lovie	PSC		Signature: 	
<b>ICS 203</b>	<b>IAP Page</b> _____	<b>Date/Time:</b>		8/15/2016 1600 hours	

# FIRE WEATHER FORECAST

FORECAST NO. 6

NAME OF FIRE: Mineral PREDICTION FOR: Tuesday, August 16, 2016

UNIT: Cal Fire Fresno Kings Unit

TIME AND DATE

FORECAST ISSUED: 2000 Monday 08/15/16

SIGNED: 

Jim Dudley/ **Incident Meteorologist**

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**WEATHER DISCUSSION:** A weak area of low pressure area will form over the region Tuesday and persist off the Central California coast through Thursday. Little change in temperature and humidity trends is expected with poor overnight humidity recoveries. Winds aloft will be light Northwest on Tuesday with a shift to a southwest direction on Wednesday and Thursday. Surface winds will be terrain dominated and gusty during the afternoons in canyons and over ridges.

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**.TUESDAY...**

SKY/WEATHER..... Sunny.

MAX TEMPERATURE.....97-102.

MIN HUMIDITY.....10-15 percent.

EYE LEVEL WINDS.....Variable under 3 mph through 0900 then upslope 3-7 mph with gusts to 14 mph.

SURROUNDING RIDGE...Northwest 1-3 mph..

MIXING HEIGHT.....Increasing to around 9000 feet agl.

MIXING WINDS.....Northwest 5 mph..

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**.WEDNESDAY...**

SKY/WEATHER.....Clear.

TEMPERATURE.....Highs 97-102. Lows 70-75. Winds upslope 3-7 with gusts to 16 mph during the day and downslope 3-6 mph at night.

HUMIDITY.....Minimum 10-15 percent. Maximum 25-30 percent.

EYE LEVEL WINDS.....Winds upslope 3-7 with gusts to 16 mph during the day and downslope 3-6 mph at night.

SURROUNDING RIDGE...Southwest 2-5 mph.

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**.THURSDAY...**

SKY/WEATHER.....Clear.

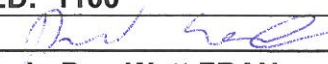
TEMPERATURE.....Highs 97-102. Lows 68-73

HUMIDITY.....Minimum 10-15 percent. Maximum 28-33 percent.

EYE LEVEL WINDS.....Winds upslope 3-7 with gusts to 16 mph during the day and downslope 3-6 mph at night

SURROUNDING RIDGE...Southwest 5-7 mph.

# FIRE BEHAVIOR FORECAST

<b>FORECAST NUMBER: 6</b>	<b>TYPE OF FIRE: Wildfire</b>
<b>FIRE NAME: Mineral</b>	<b>OPERATIONAL PERIOD: 8/16-18/16 0700-0700</b>
<b>DATE ISSUED: 8/15/16</b>	<b>TIME ISSUED: 1100</b>
<b>UNIT: FKU – Fresno Kings Unit</b>	<b>SIGNED: </b>
	<b>Typed/printed: Don Watt FBAN</b>

## INPUTS

### WEATHER SUMMARY:

The low pressure forming over the area will have little change to the current weather, with poor humidity recovery for the next several days. The weather will remain hot and dry into the coming days. The daytime temperatures will be near 100 degrees every day, with low humidity, 10-15 percent. Winds will remain upslope 3-7 mph with gust to 14. See the detailed weather statement, if it becomes unrepresentative contact the Hanford office for an update.

Probability of Ignition: 70-100% depending on slope aspect.

## OUTPUTS

### FIRE BEHAVIOR

#### GENERAL:

The fire has some smoldering material still within the perimeter of the burn, which will continue to burn until completely consumed. These materials are the larger fuels and should easily consume with the limited humidity recovery in the nighttime hours. The wind will be terrain driven so depending on what slope aspect you are working on will determine the wind direction. The wind in the drainage bottoms is multidirectional as it becomes influence by multiple drainages. The ridge winds will be more consistent with the forecasted ridge winds.

#### SPECIFIC:

Fire activity will come from a new start in the area. If this occurs the fire will have a moderate rate of spread in the light fuels in the lower terrain. This will increase to a rapid rate of spread in the areas where the wind and slope align which is likely with upslope winds dominating the pattern. This will also pull the fire in multiple directions when there are multiple drainages in the area. IN the brush fields the rate of spread will also be moderate but with high intensity. Flame lengths will be in excess of 15-20 feet, ERC's are above the 97<sup>th</sup> percentile in the area. Spotting distances will be short, ¼ mile or less, due to the light winds and fuel type. Column development will be vertical until it reaches the upper level winds which will increase as the day progresses. Remember that a probability of ignition over 70 % has a high change of producing active fire from an ember.

## AIR OPERATIONS

Weather will not have an impact on aircraft operations.

## SAFETY

Have a plan for working with equipment in the lighter fuels, the probability of ignition will remain high with the hot and dry temperatures.

**SAFETY MESSAGE/PLAN (ICS 208)**

INCIDENT NAME: <b>Mineral</b> CA-FKU-011358	Operational Period: Date From: 8/16/16 Time From: 0700	Date to: 8/19/16 Time to: 0700
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***“Safety does not come instantly, you should implement it consistently”***

**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.

**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 through the week, reassess your personnel throughout the day. Take rehab breaks as needed. 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.

**Public:**

Highways are open to public, beware of traffic and hunters in and around fire area. Notify line supervisors with any concerns.

**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.

**Incident Within Incident (IWI):**

Review procedures on 206 at Divisional Breakouts and tailgate safety briefings. Order medical resources early on due to long ETA's to fireline.

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

Prepared By: Anthony Stornetta

Position/Title: SOF1(T)

Signature: 

ICS 208	IAP Page	Date/Time: 8-15-2016 1040 hrs
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## 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., Cocco 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>

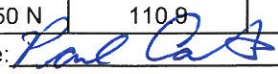




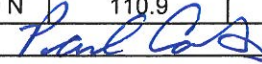




## ASSIGNMENT LIST (ICS 204)

<b>1. Incident Name:</b> Mineral CA-FKU-011358		<b>2. Operational Period:</b> Date From: 08/16/16    Date To: 08/19/16 Time From: 0700    Time To: 0700				<b>3.</b> Branch:  Division/Group: <b>Suppression Repair</b>  Staging Area: (page 1 of 2)	
<b>4. Operations Personnel:</b> Operations Section Chief: Branch Director: Division/Group Supervisor: <b>Lucas Titus</b>							
<b>5. Resources Assigned:</b>		Number of Personnel		Contact (phone, radio freq, etc.)			
Resource Identifier		Leader					
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-213 PIT RIVER CONTRACTING*		Trifon, Jd		2		-	
W/T E-65 C BOGAN TRUCKING*		Bogan, Sonny		2		-	
W/T E-147 GOLDEN STATE*		Farley, Brian		1		-	
W/T E148 EL DORADO SUP*		Forni, Dennis		1		-	
W/T E-217 WILLMORE AG SERVICES*		Taylor, John		1		-	
W/T E-218 WILLMORE ENTERPRISES*		Trumbly, Wayne		2		-	
W/T E-231 HNK RANCH*		Malen, Pam		2		-	
W/T E-232 HARRIS EMER*		Caldwell, Eldon		1		-	
W/T E-233 HARRIS EMER*		Mcgary, John		1		-	
W/T E-251 H2O PRO*		Hughes, Jack		2		-	
<b>6. Work Assignments:</b> Follow Fire Suppression Repair Plan							
<b>7. Special Instructions:</b> 12 Hour Resource* 8/17-8/18 Briefing will be at CAL FIRE Coalinga Fire Station HWY 33 X Jayne Rd							
<b>8. Communications</b> (radio and/or phone contact numbers needed for this assignment):							
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
FKU 1	4	COMMAND	151.3850	0	159.2700	OST	
CDF TAC 30	12	TACTICAL	151.3925	192.8	151.3925	192.8	
CALCORD	15	EMS	156.0750	156.7	156.0750	156.7	
CDF TAC 18	14	Air to Ground	159.3450	192.8	159.3450	192.8	
Air Guard	16	EMERGENCY	168.6250 N		168.6250 N	110.9	
<b>9. Prepared by: Name:</b> Jon Lovie		Pos/Title: RESL		Signature: 			
ICS 204		Date/Time: 8/15/2016 1600 hours					

## ASSIGNMENT LIST (ICS 204)

<b>1. Incident Name:</b> Mineral CA-FKU-011358		<b>2. Operational Period:</b> Date From: 08/16/16    Date To: 08/19/16 Time From: 0700    Time To: 0700				<b>3.</b> Branch: Division/Group: <b>Suppression Repair</b> Staging Area: (page 2 of 2)	
<b>4. Operations Personnel:</b> Operations Section Chief: Branch Director: Division/Group Supervisor: <b>Lucas Titus</b>							
<b>5. Resources Assigned:</b>							
Resource Identifier	Leader	Number of Personnel	Contact (phone, radio freq, etc.)	Reporting Location, Special Equipment, Remarks, Notes, and Information			
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*							
GRD E-275*				-			
EXC PVT - TERRY E-292*	Johnson, Terry	1		-			
HEQB*	Lowry, Brad	1		-			
HEQB*	Hall, Scott	1		-			
HEQB*	Rowell, Forrest	1		-			
HEQB*	Wise, Michael	1		-			
FOBS*	Wilson, Brian	1		-			
FOBS (T)*	Wimmer, Ryan	1		-			
<b>6. Work Assignments:</b> Follow Fire Suppression Repair plan							
<b>7. Special Instructions:</b> 12 Hour Resource* 8/17-8/18 Briefing will be at CAL FIRE Coalinga Fire Station HWY 33 X Jayne Rd							
<b>8. Communications</b> (radio and/or phone contact numbers needed for this assignment):							
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
FKU 1	4	COMMAND	151.3850	0	159.2700	OST	
CDF TAC 30	12	TACTICAL	151.3925	192.8	151.3925	192.8	
CALCORD	15	EMS	156.0750	156.7	156.0750	156.7	
CDF TAC 18	14	Air to Ground	159.3450	192.8	159.3450	192.8	
Air Guard	16	EMERGENCY	168.6250 N		168.6250 N	110.9	
<b>9. Prepared by: Name:</b> Paul Carlos    Pos/Title: RESL    Signature: 							
<b>ICS 204</b>		<b>Date/Time:</b> 8/15/2016 1600 hours					

INCIDENT RADIO COMMUNICATIONS PLAN		Incident Name	Date/Time Prepared	Operational Period Date/Time							
		Mineral	8/15/2016 1200 hrs	8/16/2016 0700 to 8/19/2016 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	Not Assigned	151.1675		103.5	159.3975		127.3	A	Not Assigned
2	Command	NIFC CMD 2	Not Assigned	168.1000		0.0	170.4500		0.0	A	Not Assigned
3	Command	NIFC CMD 34	Not Assigned	169.1000		0.0	164.1750		0.0	A	Not Assigned
4	Command	FKU 1	All Divisions	151.3850		131.8	159.2700		OST	A	Tone 10 and Tone 7
5	Tactical	VFIRE 24	Not Assigned	154.2725		156.7	154.2725		156.7	A	Not Assigned
6	Tactical	VFIRE 25	Not Assigned	154.2875		156.7	154.2875		156.7	A	Not Assigned
7	Tactical	VFIRE 26	Not Assigned	154.3025		156.7	154.3025		156.7	A	Not Assigned
8	Tactical	CDF TAC 26	Not Assigned	159.2925		192.8	159.2925		192.8	A	Not Assigned
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	Not Assigned	151.3475		192.8	151.3475		192.8	A	Not Assigned
12	Tactical	CDF TAC 30	All Divisions	151.3925		192.8	151.3925		192.8	A	
13	AIR to GRND CMD	CDF TAC 22	Not Assigned	159.4050		192.8	159.4050		192.8	A	Not Assigned
14	AIR TO GRND	CDF TAC 18	All Divisions	159.3450		192.8	159.3450		192.8	A	Air to Ground
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 N Longitude 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.

ICS 205 Excel - Draft 031207 NFES 1330

# MEDICAL PLAN (ICS 206)

<b>1. Incident Name:</b> MINERAL	<b>2. Operational Period:</b> Date From: 8/16/16 Time From: 07:00	Date To: 8/19/16 Time To: 07:00
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<b>3. Medical Aid Stations:</b>	MEDICAL UNIT LEADER :	COMMUNICATIONS UNIT: (559)294-0400
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Name	Location	Contact Number(s)/Frequency	Paramedics on Site?

**4. Transportation (indicate air or ground):**

Ambulance Service	Location	Contact Number(s)/Frequency	Level of Service
COALINGA FIRE	COLINGA FD HQ	(559) 600-7406	ALS
SKY LIFE	FRESNO INTERNATIONAL AIRPORT	(559) 600-7406	ALS (RN)

**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\*\***

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

**BASE CAMP EMERGENCY:**  
**CONTACT COMMUNICATIONS UNIT AT: (559)294-0400**  
 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 \_\_\_

7. Prepared by (Medical Unit Leader): Name: BRANDON GRINSTEAD	Signature:
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8. Approved by (Safety Officer): BARAKA CARTER	Signature:
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ICS 206	IAP Page _____	Date/Time: 8/15/16 11:00
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# FINANCE MESSAGE

DATE: August 16-19 2016  
0700-0700

**Finance Section will be relocating starting  
Wednesday August 17<sup>th</sup> to the:**

**Wyndham Hotel in Visalia**

(Just East of Hwy 99 on Hwy 198)

- 9000 West Airport Dr.
  - Visalia, CA 93277
  - 1-559-651-5000
- 
- Shift tickets can be dropped off at the CAL FIRE Coalinga Forest Fire Station. Hwy 33 x Jayne Rd
  
  - After Tuesday afternoon all Vendors will need to do their close out at the Wyndham Hotel in Visalia

## **INCIDENT BILLING INFORMATION**

### **Mineral Fire**

CAFKU 011358

CAL FIRE Fresno / Kings Unit

210 S. Academy Ave

Sanger, CA 93657

559-485-7500

Index Code: 4300 Billing Code: 013870 PCA Code: 00900

Federal P number PNKLE5 (1502)





**CAL  
FIRE**



# FC-33 DAILY UPDATE

<b>DATE:</b>		<b>24 Hr</b>	<b>12 Hr</b>
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<b>RQST #:</b>		<b>S/T #</b>	
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<b>WORK LOCATION:</b>	
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<b>Radio IDs:</b>				<b>HRS ON EACH SAW</b>	
<b>ST Leader:</b>	<b>DOZER BLADE HRS</b>	<b>PRTBL PUMP HRS</b>	<b># OF SAWS</b>		
<b>Engine/Crew:</b>					<b>NOTES</b>

<b>Comments (any changes?):</b>

<b>CELL PHONE #:</b>	
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8/29/2013

# 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 <b>SMOKEY DOZER</b>	
Incident or Project Name <b>SAMPLE</b>		Incident Number <b>CALNU 012345</b>		Request Number <b>E-84</b>		Operator #1 <b>FRED RANGER</b>	Operator #2 <b>ED BOSS</b>
Agreement Number <b>LNU - 01234567</b>						Operator Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government	
Equipment Make <b>CAT D6C</b>		Equipment Model / Type <b>DOZ TYPE 2-D</b>				Operating Supplies Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government	
Serial Number <b>10K1234</b>		License Number <b>---</b>				Equipment Status <input type="checkbox"/> Inspected <input checked="" type="checkbox"/> Under Agreement	
Equipment Use						Released by Government <input type="checkbox"/>	
Date						Withdrawn by Contractor <input type="checkbox"/>	
Mo / Day	Start	Stop	Work	Assignment		Remarks/Comments ** <b>- 23:00 CHANGED OPERATORS FRANGER FOR E. BOSS</b>  <b>- NO DAMAGE / NO CLAIM</b>	
10-4	0700	2400	17	DIV - A			
10-5	0001	0700	7	DIV - A			
Vendor Rating						Govt. Rep. Name and Position - PRINT <b>RON AGENT DIV-A</b>	
						Govt. Rep. Signature <i>[Signature]</i>	
Met Performance Expectations						Contractor Signature <b>Fred Ranger</b>	
Equipment in Safe Working Condition						Date <b>10-5-14</b> Time <b>0710</b>	
Operator Skill Level						CAL FIRE 297 (Rev 3-2011)	
Operates Safely							
Operator's Cooperation Level							
Overall Performance							

\* NOTE: Any rating of POOR requires an explanation in Comment Section.  
\*\* Final evaluation or for more documentation, use an ICS Form 230 or equivalent.

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 <b>WATER HAULING INC.</b>	
Incident or Project Name <b>SAMPLE</b>		Incident Number <b>CALNU 012345</b>		Request Number <b>E-132</b>		Operator #1 <b>JOHN AGUA</b>	Operator #2 <b>---</b>
Agreement Number <b>MEU - 12345678</b>						Operator Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government	
Equipment Make <b>1996 PETE</b>		Equipment Model / Type <b>WT TYPE-1</b>				Operating Supplies Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government	
Serial Number <b>123VIN 0123456</b>		License Number <b>9P12345</b>				Equipment Status <input type="checkbox"/> Inspected <input checked="" type="checkbox"/> Under Agreement	
Equipment Use						Released by Government <input type="checkbox"/>	
Date						Withdrawn by Contractor <input type="checkbox"/>	
Mo / Day	Start	Stop	Work	Assignment		Remarks/Comments ** <b>- ONE OPERATOR</b>  <b>- NO DAMAGE / NO CLAIM</b>	
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 <b>ED POE</b>	
						Govt. Rep. Signature <i>[Signature]</i>	
Met Performance Expectations						Contractor Signature <b>John Agua</b>	
Equipment in Safe Working Condition						Date <b>10-11</b> Time <b>1900</b>	
Operator Skill Level						CAL FIRE 297 (Rev 3-2011)	
Operates Safely							
Operator's Cooperation Level							
Overall Performance							

\* NOTE: Any rating of POOR requires an explanation in Comment Section.  
\*\* Final evaluation or for more documentation, use an ICS Form 230 or equivalent.

Pink - Finance      Blue - Home Unit HE Coordinator      Yellow - Vendor      White - Govt Representative



# 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.

## **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.**

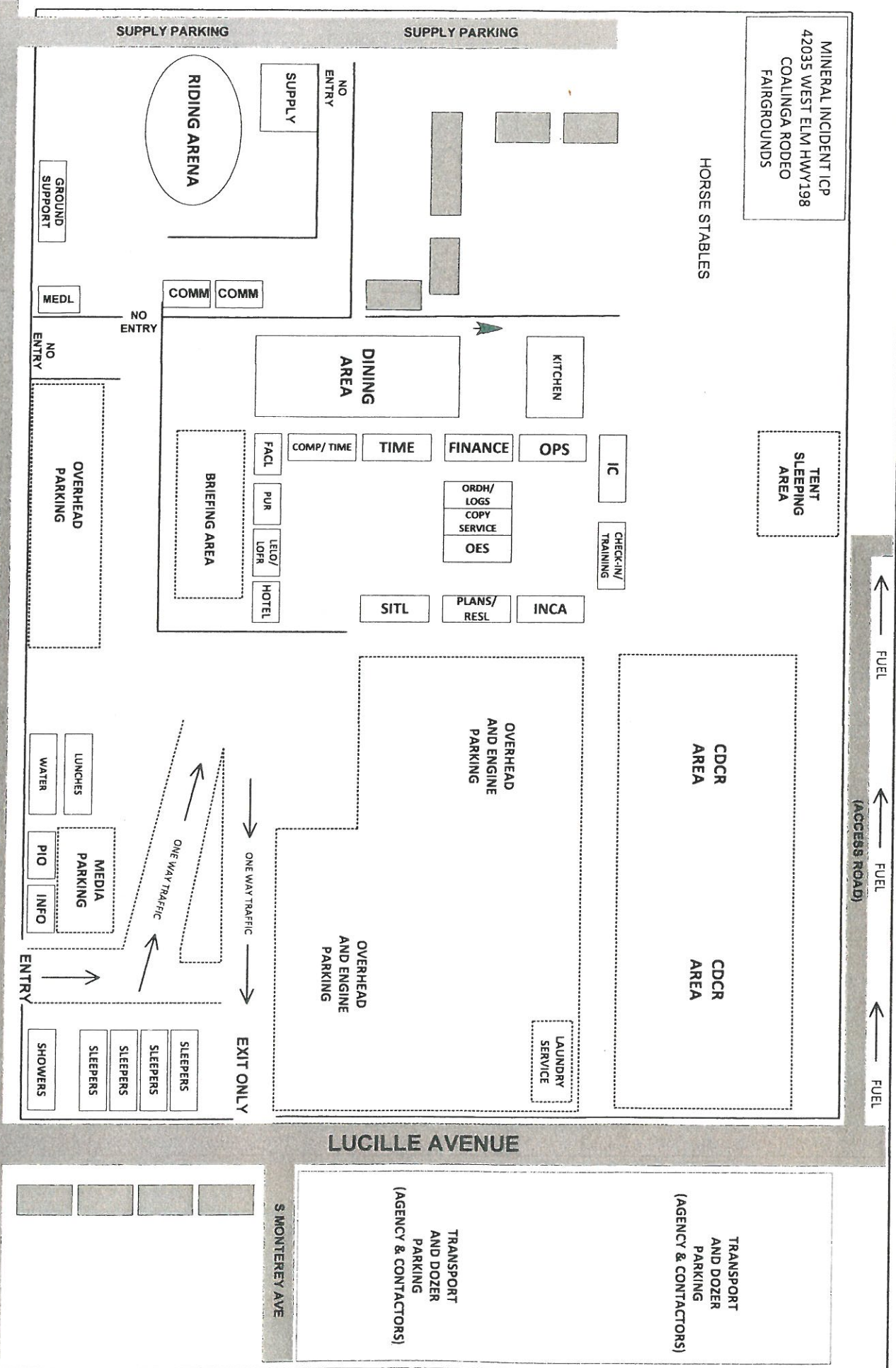
**An OF-315 (Incident Replacement Requisition) is required as authorization to purchase fire replacement items at your local Unit. This document is required when submitting an MRT to you local Service Center for fire replacement items. A CDF-101 and/or A STD-152 are required for the certification of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





ELM AVENUE / HIGHWAY 198

# MINERAL INCIDENT FACILITIES MAP



MINERAL INCIDENT ICP  
42035 WEST ELM HWY198  
COALINGA RODEO  
FAIRGROUNDS

GROUND SUPPORT

MEDL

NO ENTRY

OVERHEAD PARKING

LUNCHES  
WATER

MEDIA PARKING  
PIO  
INFO

ENTRY

EXIT ONLY  
SLEEPERS  
SLEEPERS  
SLEEPERS  
SLEEPERS  
SLEEPERS  
SHOWERS

SUPPLY PARKING

RIDING ARENA

SUPPLY  
NO ENTRY

COMM  
COMM

BRIEFING AREA

FACIL  
PUR  
LELO/  
LOPR  
HOTEL

DINING AREA

COMP/ TIME

TIME

FINANCE

OPS

IC

CHECK-IN/  
TRAINING

ORDH/  
LOGS  
COPY  
SERVICE

OES

PLANS/  
RESL

INCA

SITL

OVERHEAD AND ENGINE PARKING

OVERHEAD AND ENGINE PARKING

LAUNDRY SERVICE

HORSE STABLES

TENT SLEEPING AREA

CDCCR AREA

CDCCR AREA

LUCILLE AVENUE

TRANSPORT AND DOZER PARKING (AGENCY & CONTRACTORS)

TRANSPORT AND DOZER PARKING (AGENCY & CONTRACTORS)

S MONTEREY AVE

FUEL

FUEL (ACCESS ROAD)

FUEL

CA-FKU-011358  
August 13, 2016  
Not To Scale





# 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

