

Incident Action Plan


TASSAJARA

CA-BEU-004217



Operational Period
9/24/15 – 9/27/15
0700 – 0700



INCIDENT OBJECTIVES	1. Incident Name Tassajara	2. Date 9/23/15	3. Time 2000									
<p>4. Operational Period 09/24/15 - 09/26/15 0700-0700</p>												
<p>5. General Control Objectives for the Incident (include alternatives)</p> <p>Management Objectives : Ensure firefighter and public safety Establish and maintain safe work practices to minimize the threat to the public Minimize damage to structures & private property Protect values at risk</p> <p>Control Objectives : Keep fire within current fire perimeter.</p>												
<p>6. Weather Forecast for Period See weather forecast</p>												
<p>7. General Safety Message See attached Safety Message</p>												
<p>8. Attachments (mark if attached)</p>												
<table border="0"> <tr> <td><input checked="" type="checkbox"/> Organization List - ICS 203</td> <td><input checked="" type="checkbox"/> Medical Plan - ICS 206</td> <td><input type="checkbox"/> (Other)</td> </tr> <tr> <td><input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204</td> <td><input checked="" type="checkbox"/> Incident Map</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/> Communications Plan - ICS 205</td> <td><input type="checkbox"/> Traffic Plan</td> <td><input type="checkbox"/></td> </tr> </table>				<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input type="checkbox"/> (Other)	<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Incident Map	<input type="checkbox"/>	<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input type="checkbox"/> Traffic Plan	<input type="checkbox"/>
<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input type="checkbox"/> (Other)										
<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Incident Map	<input type="checkbox"/>										
<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input type="checkbox"/> Traffic Plan	<input type="checkbox"/>										
<p>9. Prepared by (Planning Section Chief) Ian Larkin </p>		<p>10. Approved by (Incident Commander) Glenn Patterson</p>										

ORGANIZATION ASSIGNMENT LIST		9. Operations Section		
		Chief		
1. INCIDENT NAME		Deputy		
Tassajara		Night		
		CA-BEU-004217		
2. Date Prepared		3. Time		
9/23/2015		2200		
		a. Branch I		
		Branch Director		
4. Operational Period		Division/Group (Even)	A/D/N/X	Colette O'Connor
9/24/2015 - 9/27/2015		0700-0700		Ian Stevens (T)
Position		Name		
5. Incident Commander and Staff		Division/Group (Odd)	A/D/N/X	Jeremy Hill
Incident Commanders	Jude Acosta			
Deputy Incident Commander				
Safety Officers	Matt Streck / Charlie Harrison (T)			
Information Officer				
Liaison Officer				
Law Enforcement Liaisons				
6. Agency Representatives		b. Fire Suppression Repair		
		Division/Group	Jonathan Pangburn	
Agency		Name		
7. Planning Section				
Chief				
Deputy		f. Air Operations Branch		
Resource Unit		Air Operations Branch Director		
Situation Unit		Robby Clark, Jessica Schweinler (T) Air Attack Supervisor		
Demobilization Unit		Air Support Supervisor		
Documentation Unit		Helicopter Coordinator		
Training		Air Tanker Coordinator		
Fire Behavior Analyst		10. Finance Section		
IMET		Chief	Bill Winter	
GIS		Deputy		
8. Logistics Section		Time Unit		
Chief		Dave Jones	Procurement Unit	Jason McDermott
Deputy		Compensation/Claims Unit Joe Ekblad		
Supply Unit		Cost Unit Sandra Jewell, Jennifer Fagen (T)		
Facilities Unit		Hired Equipment		
Ground Support Unit				
Communications Unit				
Medical Unit				
Motel Unit		Prepared by (Plans Section Chief)		
Food Unit		Ian Larkin PSC1 		



FIRE WEATHER FORECAST



FORECAST NO: 4
PREDICTION FOR: 3 Day Outlook
SHIFT DATE: Sep 24, 2015 @0700 – Sep 26, 2015 @700
TIME AND DATE
FORECAST ISSUED: Sept 23, 2015 1000 PDT

NAME OF FIRE: Tassajara Fire
UNIT: CalFire BEU
SIGNED: Matt Mehle
Incident Meteorologist

WEATHER DISCUSSION: *Building high pressure will bring a warming and drying trend to the Tassajara Fire through Friday. Recoveries will be mainly poor the next two nights with increasing humidities over the weekend. Daytime max temps will reach into the 80s and 90s through Friday, but cooler weather is expected over the weekend. The heads up period continues to be midafternoon during peak heating with a noticeable wind switch from downvalley to upvalley.*

WEATHER FORECAST FOR THURSDAY: ****HEADS UP FOR DAILY WIND SHIFT****

WEATHER: Mostly sunny.

TEMPERATURES: Max...85-93; **24 HR Trend** (up 3-5 degrees)

HUMIDITY: Min....15-25%; **24 HR Trend** (down 5%)

SLOPE/VALLEY - Southeasterly 2 to 4 mph in the morning becoming upslope 3 to 5 mph with gusts to 10 mph . Stronger aligned drainages.

RIDGETOP- Southeasterly 3 to 7 mph in the morning becoming northwest 5 to 10 mph in the afternoon. Gusts 20 mph in the afternoon.

INVERSIONS/STABILITY: Weak inversion possible in the morning.

WEATHER FORECAST FOR THURSDAY NIGHT:

WEATHER: Mostly clear.

TEMPERATURES: Min.... 58-62.

HUMIDITY: Max...35-50%. (Recoveries may occur early then drop through night)

20-FOOT WIND:

SLOPE/VALLEY - Northwest 4 to 8 with gusts to 10 mph in the evening...becoming downcanyon/downslope to less than 5 mph.

RIDGETOP - Northwest 5 to 10 mph with gusts to 15 mph in the evening...becoming South to Southeast 4 to 8 mph overnight.

INVERSIONS/STABILITY: Marine inversion setting in late.

EXTENDED FORECAST:

FRIDAY AND SATURDAY... Mostly clear and warmer. A few overnight clouds possible Friday night. Max temps...upper 80s to mid 90s. Lows mid 50s to low 60s. Min RH 15-35%. Moderate recoveries 50-70%..best Saturday night.. Diurnal winds...East southeast at night 5 to 10 mph...becoming northwest 6 to 12 mph with gusts to 20 mph each afternoon.

EXTRA INFORMATION:

You should request at least once daily spot weather forecasts from the National Weather Service office in **Monterey** at: <http://1.usa.gov/1MJ4GVD>

Phone number for Monterey NWS: 831-656-1717

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 004	TYPE OF FIRE: Wildfire
FIRE NAME: Tassajara Fire	OPERATIONAL PERIOD: 09/24/15-09/26/15 0700-0700
DATE ISSUED: September 23, 2015	TIME ISSUED: 1200
UNIT: CA-BEU-004217	SIGNED: <i>Todd Hopkins</i> Typed/printed: Todd Hopkins (FBAN)

INPUTS

WEATHER SUMMARY: Building high pressure will bring a warming and drying trend to the Tassajara Fire through Friday. Recoveries will be mainly poor the next two nights with increasing humidities over the weekend. Daytime max temps will reach into the 80s and 90s through Friday, but cooler weather is expected over the weekend. The heads up period continues to be midafternoon during peak heating with a noticeable wind switch from downvalley to upvalley.

9/24: Max. Temperatures – 85-93 degrees **Min. Humidity** – 15-25% Day Time
Winds- Morning: SE 2-7 mph, Afternoon: NW 3-10 mph, G 10-20 mph

9/25: Max. Temperatures – 85-93 degrees **Min. Humidity** – 15-25% Day Time
Winds- Morning: SE 2-7 mph, Afternoon: NW 3-10 mph, G 10-20 mph

9/26: Max. Temperatures – 80-88 degrees **Min. Humidity** – 20-30% Day Time
Winds- Morning: SE 2-7 mph, Afternoon: NW 3-10 mph, G 10-20 mph

OUTPUTS

FIRE BEHAVIOR

GENERAL:

- Fire growth is not expected within containment lines
- Smokes may appear as the day heats up.
- Watch for rolling material that could ignite dry fuels

SPECIFIC:

All Divisions: Spot fires outside established containment lines or new starts...

9/24 – 9/25 Outputs:

Flame Lengths- Head fire up to 13 ft. in Grass, Up to 18 ft. in Brush, Up to 5 ft. in Oak Litter

Rate of Spread- Head fire up to 93 ft/min in Grass, Up to 58 ft/min in Brush, Up to 29 ft/min in Oak Litter

Spotting Distances- Up to 0.1 miles in Grass, Up to 0.25 miles in Brush/Oak Litter

Probability of Ignition- 80% at the peak of the burn period

9/26 Outputs:

Flame Lengths- Head fire up to 11 ft. in Grass, Up to 17 ft. in Brush, Up to 6 ft. in Oak Litter

Rate of Spread- Head fire up to 92 ft/min in Grass, Up to 55 ft/min in Brush, Up to 28 ft/min in Oak Litter

Spotting Distances- Up to 0.1 miles in Grass, Up to 0.25 miles in Brush/Oak Litter

Probability of Ignition- 70% at the peak of the burn period

AIR OPERATIONS:

If air operations are utilized, watch for snags and rolling materials if working around helicopter drops.

9/24 Sunrise: 0656 Sunset: 1903 **9/25** Sunrise: 0657 Sunset: 1902 **9/26** Sunrise: 0658 Sunset: 1900

SAFETY

Afternoon wind gusts and rolling materials on steep slopes could lead to rapid fire growth if embers land in receptive fuel beds.

Don't become complacent! Identify your safety zones and escape routes.



3 Day

SAFETY and HEALTH MESSAGE



We Are ALL SAFETY OFFICERS!

INCIDENT: Tassajara Fire CA-BEU-004217

DATE: September 24 thru September 26, 2015
TIME: 0700-0700

Major Hazards and Risks: Complacency, Fatigue, Hazard Trees, & Ash Pots.

Personnel: Manage yourself and those around you for fatigue; many have deployed for extended periods. Follow the 2:1 work/rest guidelines. As fatigue increases, injuries tend to increase also. Keep an eye on those under your supervision and those around you.

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.

Communications: Constantly monitor the Command channel for Initial Attack requests in the Unit.

Hydration: By the time your body tells you it's time to drink – you are already DEHYDRATED!!! On a regular basis drink fluids to maintain an appropriate energy level for any expected work assignment.

Hazard trees: Survey your work areas for any tree damaged by fire, 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. Wear full PPE when working ash pots.


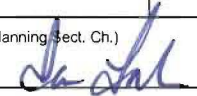
Tailgate Safety

- **Accountability:** everyone checks in and everyone checks out. Supervisors know where their crews are at all times
- **Communication:** everyone knows the com-plan
- **Briefing:** everyone knows the game plan, everyone knows the contingency plan
- **Safety gear:** everyone has the appropriate safety gear and in good working condition
- **LCES:** they are clear and made known to everyone

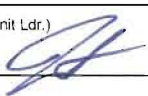

Heat Illness Prevention:


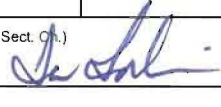
- **Drink plenty of fluids:**
 - **Water and Gatorade**
- **Rest when you can.**
- **Find shade when you can**
- **Eat nutritious food regularly**

Incident Safety Officer: Steve Walker

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group A/D/N/X		
3. Incident Name TASSAJARA			4. Operational Period Date: 9/24/2015 to 9/25/2015 Time: 0700-0700				
5. Operations Personnel							
Operations Chief DAY					Division/Group Supervisor Colette O'Connor Ian Stevens (T)		
NIGHT					Branch Safety Matt Streck* Charlie Harrison*		
Branch Director							
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Reporting Location	Time	On Line	Off Line	
STC MMU 9422C	Stephen Leonard	18	DP 10	0700	<input type="checkbox"/>	<input type="checkbox"/>	
STG BDU 9384G	Ronald Welcome	29	DP 10	0700	<input type="checkbox"/>	<input type="checkbox"/>	
7. Control Operations							
Mop up and patrol, back haul trash and hose Identify additional damage Improve line as necessary							
8. Special Instructions							
* 12 Hour Resource Safeties to be shared throughout the incident Use pond near DP 10 for water source, do not use domestic water sources							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 151.2500 Tone 4 TX 159.4050	King NIFC	BEU EAST	EMS Tactical	RX/TX 156.0750 TX/RX 156.7	King NIFC	Calcord
Tactical Div/Group	RX/TX 151.1900 TX/RX 192.8	King NIFC	CDF T 4				
Prepared by (Resource Unit Ldr.)	Approved by (Planning Sect. Ch.)	Date	Time				
Justin Petersen 	Ian Larkin 	9/23/2015	1800				

DIVISION ASSIGNMENT LIST				1. Branch		2. Division/Group A/D/N/X	
3. Incident Name TASSAJARA				4. Operational Period Date: 9/25/2015 to 9/26/2015 Time: 0700-0700			
5. Operations Personnel							
Operations Chief DAY				Division/Group Supervisor		Jeremy Hill	
NIGHT							
Branch Director				Branch Safety		Matt Streck* Charlie Harrison*	
6. Resources Assigned this Period							
Sinke Team/Task Force/ Resource Designator	Leader	Number Persons	Reporting Location	Time	On Line	Off Line	
STC SKU 9260C	Daniel Hebrard	17	DP 10	0700	<input type="checkbox"/>	<input type="checkbox"/>	
STG SLU 9397G	Timothy J Davis	30	DP 10	0700	<input type="checkbox"/>	<input type="checkbox"/>	
7. Control Operations							
Mop up and patrol back, haul trash and hose Identify additional damage Improve line as necessary							
8. Special Instructions							
<p>* 12 Hour Resource</p> <p>Safeties to be shared throughout the incident</p> <p>Use pond near DP 10 for water source, do not use domestic water sources</p>							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 151.2500 Tone 4 TX 159.4050	King NIFC	BEU EAST	EMS Tactical	RX/TX 156.0750 TX/RX 156.7	King NIFC	Calcord
Tactical Div/Group	RX/TX 151.1900 TX/RX 192.8	King NIFC	CDF T 4				
Prepared by (Resource Unit Ldr.)		Approved by (Planning Sect. Ch.)			Date		Time
Justin Petersen 		Ian Larkin 			9/23/2015		1800

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group A/D/NIX		
3. Incident Name TASSAJARA			4. Operational Period Date: 9/26/2015 to 9/27/2015 Time: 0700-0700				
5. Operations Personnel							
Operations Chief DAY				Division/Group Supervisor		Colette O'Connor Ian Stevens (T)	
NIGHT				Branch Safety		Matt Streck* Charlie Harrison*	
Branch Director							
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader		Number Persons	Reporting Location	Time	On Line	Off Line
STC MMU 9422C	Stephen Leonard		18	DP 10	0700	<input type="checkbox"/>	<input type="checkbox"/>
STG BDU 9384G	Ronald Welcome		29	DP 10	0700	<input type="checkbox"/>	<input type="checkbox"/>
7. Control Operations							
Mop up and Patrol back haul trash and hose Identify additional damage Improve line as necessary							
8. Special Instructions							
* 12 Hour Resource Safeties to be shared throughout the incident Use pond near DP 10 for water source, do not use domestic water sources							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 151.2500 Tone 4 TX 159.4050	King NIFC	BEU EAST	EMS Tactical	RX/TX 156.0750 TX/RX 156.7	King NIFC	Calcord
Tactical Div/Group	RX/TX 151.1900 TX/RX 192.8	King NIFC	CDF T 4				
Prepared by (Resource Unit Ldr.) Justin Petersen 		Approved by (Planning Sect. Ch.) Ian Larkin 			Date 9/23/2015		Time 1800

DIVISION ASSIGNMENT LIST				1. Branch		2. Division/Group Suppression Repair	
3. Incident Name TASSAJARA				4. Operational Period Date: 9/24/2015 to 9/27/2015 Time: 0700-0700			
5. Operations Personnel							
Operations Chief DAY				Division/Group Supervisor		Jonathan Pangburn*	
NIGHT							
Branch Director				Branch Safety			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Reporting Location	Time	On Line	Off Line	
STG AEU 9274G*	King	32	DP 10	0700	<input type="checkbox"/>	<input type="checkbox"/>	
STG RRU 9390G*	Ruben Villegas	28	DP 10	0700	<input type="checkbox"/>	<input type="checkbox"/>	
STL FKU 9438L*	Brad Lowry	3	DP 10	0700	<input type="checkbox"/>	<input type="checkbox"/>	
DOZ BEU 4641*	John Blake	1	DP 10	0700	<input type="checkbox"/>	<input type="checkbox"/>	
DOZ BEU 4645*	Dennis Link	1	DP 10	0700	<input type="checkbox"/>	<input type="checkbox"/>	
EXC PVT E-168*		1	DP 10	0700	<input type="checkbox"/>	<input type="checkbox"/>	
WT PVT E-62*	Lu Estrada	1	DP 10	0700	<input type="checkbox"/>	<input type="checkbox"/>	
WT PVT E-131*	Barr Barton	1	DP 10	0700	<input type="checkbox"/>	<input type="checkbox"/>	
WT PVT E-132*	Matt Michaels	1	DP 10	0700	<input type="checkbox"/>	<input type="checkbox"/>	
W/T PVT E-133*	Mikw Williams	1	DP 10	0700	<input type="checkbox"/>	<input type="checkbox"/>	
7. Control Operations All resources on Suppression Repair are 12 hour							
8. Special Instructions * 12 Hour Resource Safeties to be shared throughout the incident Use pond near DP 10 for water source, do not use domestic water sources							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 151.2500 Tone 4 TX 159.4050	King NIFC	BEU EAST	EMS Tactical	RX/TX 156.0750 TX/RX 156.7	King NIFC	Calcord
Tactical Div/Group	RX/TX 151.1900 TX/RX 192.8	King NIFC	CDF T1	Air to Ground	RX/TX 159.3600 TX/RX 192.8	King NIFC	CDF TAC 19
Prepared by (Resource Unit Ldr.) Justin Petersen 		Approved by (Planning Sect. Ch.) Ian Larkin 			Date 9/23/2015		Time 1800

INCIDENT RADIO COMMUNICATIONS PLAN			Incident Name TASSAJARA			Date/Time Prepared 09/23/2015 1000		Operational Period Date/Time 09/24/15 -- 09/26/15 0700 - 0700		
Ch #	Function	Channel Name	Assignment	RX Freq	RX Tone	TX Freq	TX Tone	Mode	Remarks	
1	COMMAND	BEU E	TASSAJARA	151.2500	156.7	159.4050	Tone 4 (146.2)	A	CAL FIRE LOAD BK Grp 19, Ch 2; KW Grp 3, Ch 46	
2	TACTICAL	CDF TAC 4	TASSAJARA	151.1900	192.8	151.1900	192.8	A	CAL FIRE LOAD BK Grp 19, Ch 2; KW Grp 3, Ch 46	
3	TACTICAL	CDF TAC 1	FIRE SUPRESSION REPAIR	151.1450	192.8	151.1450	192.8	A	CAL FIRE LOAD BK Grp 19, Ch 4; KW Grp 3, Ch 47	
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15	TACTICAL	CALCORD	MEDICAL EMERGENCIES ONLY	156.0750	156.7	156.0750	156.7	A	CAL FIRE LOAD BK Grp 24, Ch 5; KW Grp 3, Ch 139	
16	EMERGENCY	AIR GUARD	EMERGENCY USE ONLY	168.6250	CSQ	168.6250	110.9	A	CAL FIRE LOAD BK Grp 25, Ch 10; KW Grp 3, Ch 159	
20	EMERGENCY	AIR GUARD	EMERGENCY USE ONLY	168.6250	CSQ	168.6250	110.9	A	CAL FIRE LOAD BK Grp 25, Ch 10; KW Grp 3, Ch 159	
Prepared By (Communications Unit) John Aguilera, COML, IMT #2					Incident Location Carmel, CA County MONTEREY State CA Latitude N 36°24'5.34 Longitude W 121°34'50.96					
ICS 205					NFES 1330					

JA 09/23/15

MEDICAL PLAN ICS 206	1. INCIDENT NAME Tassajara	2. DATE PREPARED 9/23/15	3. TIME PREPARED 1100	4. OPERATIONAL PERIOD 9/24-9/27/2015 0700-0700
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5. INCIDENT MEDICAL AID STATIONS				
MEDICAL AID STATIONS	LOCATION			PARAMEDICS
All Engines	Incident			YES NO
				<input checked="" type="checkbox"/>

6. TRANSPORTATION				
A. AMBULANCE SERVICES				
NAME	LOCATION	PHONE	PARAMEDICS	
			YES	NO
AMR	Marina, CA	Monterey ECC	X	
CALSTAR 5	Salinas, CA	Monterey ECC	X	
CALSTAR 2	Gilroy, CA	Monterey ECC	X	
Mercy Air 20	Ft. Hunter-Liggett	Monterey ECC	X	

B. INCIDENT AMBULANCES				
NAME	LOCATION	PARAMEDICS		
		YES	NO	

7. HOSPITALS									
NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER		
		AIR	GRND		YES	NO	YES	NO	
CHOMP	23625 Holman Hwy, Monterey		45	831-385-6000		X		X	
NMC	1441 Constitution Bl, Salinas	20	60	831-755-4111	X			X	
San Jose Regional Medical Center	225 N. Jackson St., San Jose	45	90	408-259-5000	X			X	
Valley Medical Center	751 S. Bascom Ave., Santa Clara	45	90	408-885-5000	X		X		

8. MEDICAL EMERGENCY PROCEDURES

EMERGENCY FREQUENCY:


LINE EMERGENCY:
Crew Supervisor will contact Division Supervisor with patient complaint/condition and location.

- Division/Group Supervisor contacts:
 - Closest EMS resource
 - Incident Commander
- Incident Commander Contacts:
 - Monterey ECC
- Division Supervisor or designee will serve as point of contact and run medical emergency on assigned channel.
 - A pre-assigned tactical frequency (i.e. CALCORD) should be used for IW1 and only for duration of need.

INJURY REPORTING PROCEDURES

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) J. Hill MEDL	10. REVIEWED BY: (Safety Officer) 
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**Archaeological and Historical Sites
Fireline Guidance for the Tassajara Incident
15-CA-BEU-004217**

Do not compromise safety for the protection and preservation of archaeological and historical sites. When feasible and prudent:

1. Be on the lookout for prehistoric and historic sites. Prehistoric archaeological sites include temporary camps containing scatters of obsidian and/or chert flakes that often look like broken glass. More permanent village sites containing circular depressions (house pits), artifact scatters, and dark brown-black soils (midden). These typically occur on flats near sources of water, along ridgetops and saddles, and other such places suitable for camping. Historic sites include old wooden buildings, structures and corrals, rock foundations, wells, and debris scatters. These kinds of resources can be found in the same kinds of environmental settings as prehistoric camp sites.
2. No archaeological or historical sites have yet been flagged. If you observe artifacts, features, or sites, attempt to avoid dozing or driving through and/or parking on these sites, if feasible, especially with heavy equipment.
3. If you can't avoid sites, minimize disturbance as much as feasible, only clearing the surface to as minimal a depth and width as necessary.
4. Leave all artifacts in place. Some artifacts may have been intentionally placed for religious or ceremonial reasons.
5. When a site is discovered, flag it for visibility and report its location to the Division Supervisor. If feasible, note locations of discovered resources on a map. Better yet, take a GPS reading. Leave information with the Plans Section so that the sites can be relocated and protected during both the suppression and fire suppression repair phases of the Incident.
6. If you encounter a burial or other human remains, cease work in that area immediately and contact the CAL FIRE Archaeologist. State law requires that CAL FIRE then contact the County Coroner, who will then determine if the remains are part of a crime scene. If the Coroner determines that the remains are Native American, State law requires the Coroner to contact the Native American Heritage Commission in Sacramento.

Narrative

Suppression Repair is conducted under the authority of sections 4675 and 4676 of the Public Resources Code. Suppression Rehabilitation is the necessary and reasonable repairs made and actions taken to minimize the effects of fire suppression activities on state and private property, soil, watercourses, cultural resources, wildlife and fish habitat. The following specifications shall be used in the repair of suppression activity associated with the Tassajara Incident:

Control Lines:

1. Where excessive berms were formed, back blade or pull berms onto control line surface.
2. Back blade or pull organic debris onto and scatter evenly over control line surface at designated sensitive areas.
3. Construct waterbars on slopes greater than 20% slope.
 - a. Waterbars shall be constructed at 35°-45° angle to the control line.
 - b. Waterbars shall be constructed to a depth of 6 inches below grade and 6 inches above grade.
 - c. Discharge shall be free of obstruction and where possible, shall discharge into rock, vegetation or other material that will disperse the water and reduce its energy.
 - d. Space waterbars every 75-100 feet on slopes 25 percent or less, 50 feet on slopes 26-50 percent and 30 feet on slopes greater than 50 percent.
4. On out sloped roads, remove lower berm, formed during suppression activity, to allow water to flow off the surface evenly.
5. At access points to dozer lines, scatter brush and other organic material available from suppression activity to hide the entrance and discourage use of the line.

Watercourse Crossings and Waterways:

1. Remove dirt and other debris deposited in the watercourse to allow free flow of water and reduce the movement of material downstream.
2. Re-slope watercourse to original channel shape and location.
3. Notify fire suppression repair specialist of any damage to water diversion devices, such as culverts.

Access Roads:

1. Re-slope all constructed access roads to as natural as shape as existed before their use on the incident.
2. Breach berms according to the spacing standards for waterbars on dozer line.

Areas of Special Concern:

1. Archaeological Site:
 - a. Archaeological sites shall be evaluated for impact and need for State Archaeologist involvement. Sites shall be treated per Archaeological Certified staff or State Archaeologist.

General Cleanup:

1. Collect any and all forms of trash such as plastic water bottles, cardboard, plastic flagging, foodstuffs, wrappers, blown hose and plastic bags **and PACK IT OUT or ARRANGE FOR MATERIAL TO BE FLOWN OUT.**



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 Laureles Fire incident, contact BLM agency representative (Bruce Delgado at bdelgado62@gmail.com or 831-277-7690) or the Mother Lode Duty Officer. See additional specifications below.
- ✓ In areas of little to no vegetation, a certified, weed free, double chopped rice straw will be used to spread over fire line and safety zones that were construction.
- ✓ 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.

Additional specifications for Laureles Fire rehab on Fort Ord National Monument:

- 1) install water bars on 2 identified steep portions of dozer cut at least on slopes of steep portions
- 2) using hand crew, pull in berms and soil side cast for dozer line construction on 2 identified steep portions of dozer cut
- 3) broadcast barley seed at 300 lbs per acre and certified weed free rice straw at 1 bale per 400 sq feet on 2 identified steep portions of dozer cut
- 4) using hand crew, pull in handline berms and soil side cast for handline construction
- 5) broadcast barley seed at 300 lbs per acre and certified weed free rice straw at 1 bale per 400 sq feet on steep fire road

