

INCIDENT ACTION PLAN

SADDLE RIDGE INCIDENT

CA-LFD-001582

Fed PCode PNMU9C20 (1502)



OPERATIONAL PERIOD

10/13/2019 0700

to

10/14/2019 0700

INCIDENT OBJECTIVES (ICS 202)

1. Incident Name: <p style="text-align: center;">Saddle Ridge</p>	2. Operational Period: <table style="width: 100%; border: none;"> <tr> <td style="padding-right: 10px;">Date From:</td> <td style="padding-right: 10px;">10/13/2019</td> <td style="padding-right: 10px;">Date To:</td> <td>10/14/2019</td> </tr> <tr> <td style="padding-right: 10px;">Time From:</td> <td style="padding-right: 10px;">0700</td> <td style="padding-right: 10px;">Time To:</td> <td>0700</td> </tr> </table>	Date From:	10/13/2019	Date To:	10/14/2019	Time From:	0700	Time To:	0700
Date From:	10/13/2019	Date To:	10/14/2019						
Time From:	0700	Time To:	0700						

3. Objective(s):

Management Objectives

- Provide for first responder and public safety through strict adherence of LCES, standard policies, and Department procedures.
- Work in conjunction with Public Information Officers and Liason Officers to provide accurate information to the public and the news media.
- Minimize damage to infrastructure and natural resource areas.
- Minimize the financial and resource impact to the City of Los Angeles, Los Angeles County, and the Angeles National Forest.
- Law Enforcement provide for personal property security in the evacuation areas.
- Develop and implement suppression repair for all division to limit further impact on the environment and local communities.
- Identify on incident maps any operational contingency lines.

Control Objectives

- Keep the fire East of Los Angeles County Line
- Keep the fire South of Towsley Canyon
- Keep the fire West of May Canyon
- Keep the fire North of Highway 118

General Situational Awareness:

- * Safety zones and escape routes are mandatory.
- * Ensure all personnel have good situational awareness.
- * Keep your hydration up by drinking water and other electrolyte beverages. Avoid energy drinks.
- * Maintain good communications with your supervisors, adjacent forces and crew members.
- * Guard against complacency.
- * Refer to and review your IRPG often.

5. Site Safety Plan Required? Yes No

Approved Site Safety Plan(s) Located at:

6. Incident Action Plan

- | | | | |
|---|--|---|---|
| <input checked="" type="checkbox"/> ICS 203 | <input checked="" type="checkbox"/> ICS 215A | <input type="checkbox"/> Phone List | <input type="checkbox"/> Fire Suppression Repair Plan |
| <input checked="" type="checkbox"/> ICS 204 | <input checked="" type="checkbox"/> ICS 220 | <input type="checkbox"/> Training Message | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> ICS 205 | <input checked="" type="checkbox"/> Incident Map | <input type="checkbox"/> Travel Map | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> ICS 206 | <input checked="" type="checkbox"/> Weather Forecast | <input type="checkbox"/> Demob Plan | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> ICS 208 | <input checked="" type="checkbox"/> Fire Behavior | <input type="checkbox"/> Finance Message | <input checked="" type="checkbox"/> ICS 214 |

7. Prepared By: Nick Duvally, Al Yanagisawa (t) Position/Title: PSC Signature:

8. Approved by Incident Commander: Rose, Strawhun, Pena Signature:

ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name: Saddle Ridge		2. Operational Period: Date From: 10/13/2019		Date To: 10/14/2019	
		Time From: 0700		Time To: 0700	
3. Incident Commander(s) and Command Staff:			7. Operation Section:		
IC/UC's	Rose, Strawhun, Pena	Operations	Oscar Vargas, Guy Tomlinson, Mike Inman		
Deputy	Steve Hissong, William McCloud	Deputy Operations			
Safety Officer	Jack Wise, Mitch Brookhyser (t)	Night Ops	Tom Stukey		
Information Officer	ANF Andrew Mitchell,	Staging Area			
Liaison Officer	Victor Garcia, Dayton Calhoun (t)	Branch	I	Matt Conklin	
4. Agency/Organization Representatives:		Division/Group	A	Robert Gaylor	
Agency/Organization	Name	Division/Group	Z	Ron Gregor	
ANF/LACounty/LACity	Robert Garcia/David Richardson/ Ralph Terrazas	Division/Group	X	Craig Martin, Greg Stenmo (t)	
VNC	John McNeil	Division/Group	V	Curt Wisman	
Cal Fire	Tony Jones	Division/Group	A/Z NIGHT	Dave Edwards	
Cal OES	David Stone	Division/Group	X/V NIGHT	Jim Underwood	
CHP	Perry Haggard	Branch	II/V	Al Ward	
LASD	Kim	Division/Group	B/C	Bakken	
	Tina Arevalo	Division/Group	D	Mike Castillo	
LAPD	Sgt Bunch	Division/Group	F	Dennis Breshears	
American Red Cross	Bernie Lazari	Division/Group			
LA Animal Shelters	Lt. Julian	Branch	IV	Drew Smith	
Public Health	Mike Rodgers	Division/Group	S	Tom Sullivan, John O'Brien (t)	
So Cal Gas	Ferguson	Division/Group	T	Mike Halverson, Tony Buzzario (t)	
LADWP Electrical	Billy Barnes	Division/Group			
LADWP Water	Jeral Pafford	Branch			
SCE	Troy Whitman	Division/Group	Damage Assessment		
Mayor's Office	Polychronis	Division/Group	Suppression Repair	Henault	
BOS	Jarrob Degonia	Branch			
		Division/Group			
5. Planning Section:		Division/Group			
Chief	Nick Duvally, Al Yanagisawa (t)	Staging Area			
Deputy	Mitch Diehl	Division/Group			
Resource Unit	Kristen Allison, Lauren Dale, Kenneth Cook (t), Rob Scott (t).	Division/Group			
Situation Unit	John Hamer, Tom Gikas (t)	Division/Group			
Documentation Unit	Wally Collins	Division/Group			
Demobilization Unit	Jackie Switzler	Division/Group			
GISS	Ed Llamas, Rene Gonzalez	Staging Area			
FBAN	Garrett Hazelton	Division/Group			
IMET	Rich Thompson	Division/Group			
Training Tech Spec	Claudia Soiza	Air Operations Branch		Director:	Brad Idol/Dorman(t)
SCKN	Pat O'Neil (t), Micah Carlson (t)	Air Support Group Supervisor			
		Air Tactical Group Supervisor			
		Helibase Manager			
6. Logistics Section					
Chief	Mike Takeshita, Ron Durbin (t)				
Supply Unit	Tamara Hanna (t)	8. Finance/Administration Section:			
Facilities Unit	Brian Labrie	Chief	Pascal Desouza, Muriel Jones (t)		
Food Unit	Ryan O'Gorman	Time Unit	Jessica Luna		
Communications Unit	Mike Horst, Sara Rathburn (t)	Procurement Unit			
Medical Unit	Adrian Reyes (t)	Comp/Claims Unit			
Base Camp Manager	Kathleen Delos Reyes (t), David Godoy	Cost Unit	Tammy Hassert		
Ordering Manager	Juan Cueva (t), Theron Cheatham (t), JD Fox (t)				
Prepared By: Name:	Nick Duvally, Al Yan	Position/Title:	PSC	Signature:	_____
ICS 203	Date/Time:	10/12/2019 2300 hours		NIMS IAP	



INCIDENT Weather Forecast



FORECAST NO: 2
PREDICTION FOR: Day/Night SHIFT
SHIFT DATE: 0700 10/13/19 to 0700 10/14/19

NAME OF FIRE: Saddlebridge
UNIT: LA County Fire
SIGNED: Richard Thompson

TIME AND DATE
FORECAST ISSUED: 10/12/19 @ 1900

Incident Meteorologist

WEATHER DISCUSSION: Weak onshore flow will develop across the incident today with some gusty southerly/upcanyon winds this afternoon and evening. For tonight, expect typical weak downslope and downvalley winds. Afternoon temperatures will be cooler today with an associated increase in relative humidity. For tonight, humidity recovery will be good at lower elevations, but still poor across the ridges and upper slopes.

WEATHER FORECAST FOR TODAY:

WEATHER: Mostly sunny.

MAX TEMPERATURES: 72-80 lower elevations
64-72 ridges/upper slopes

MIN HUMIDITY: 20-30% lower elevations
10-20% ridges/upper slopes

20 FT WINDS:
RIDGETOP - 0700-1100: Variable 3-6 mph with gusts to 10 mph.
1100-1400: Southwest 4-8 mph with gusts to 14 mph.
1400-1900: Southwest 6-12 mph with gusts to 18 mph.

SLOPE/VALLEY - 0700-1000: Variable/upslope 4-8 mph.
1000-1300: South/upcanyon 5-10 mph with gusts to 15 mph.
1300-1900: South/upcanyon 6-12 mph with gusts to 20 mph.

STABILITY/INVERSION: Below 1000 ft AGL, increasing to 6500 ft AGL in the afternoon.

OUTLOOK FOR TONIGHT:

WEATHER: Mostly clear.

MIN TEMPERATURES: 48-58.

MAX HUMIDITY: 40-60% lower elevations
20-40% ridges/upper slopes

20 FT WINDS:
RIDGETOP - 1900-2100: Southwest 5-10 mph with gusts to 15 mph.
2100-0700: Southeast to south 4-8 mph.

SLOPE/VALLEY - 1900-2100: Southerly/upcanyon 6-12 mph with gusts to 20 mph.
2100-0700: Downslope/downcanyon 3-6 mph with gusts to 10 mph.

STABILITY/INVERSION: 4000 ft AGL, decreasing to below 1000 ft AGL.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 003	TYPE OF FIRE: Wildfire
FIRE NAME: Saddleridge	OPERATIONAL PERIOD: October 13, 2019
	TIME ISSUED: 1800 October 12, 2019
UNIT: LAFD, ANF, LAC	SIGNED: GARRETT HAZELTON
	Typed/printed: Garrett Hazelton FBAN(T)

INPUTS

WEATHER SUMMARY:

Day Time: Mostly sunny with temps around 75° Relative humidity: min 10%
 20' winds variable 5 - 10 mph gusting to 15 mph during the day then increasing to 6 - 12 mph in the afternoon with gusts to 20 mph up slope.

Ridgetop winds 4 - 8 mph gusts to 14 mph in the morning increasing to 6 - 12 mph with gusts to 18 mph

Night Time: Mostly clear with temps around 50° Relative humidity: min 20%

20' winds from southwest 6 - 12 mph gusting to 12 mph

Ridgetop winds 5 - 10 mph from the southwest with gusts to 20 mph

SEE NOAA WEATHER FORECAST FOR MORE INFORMATION

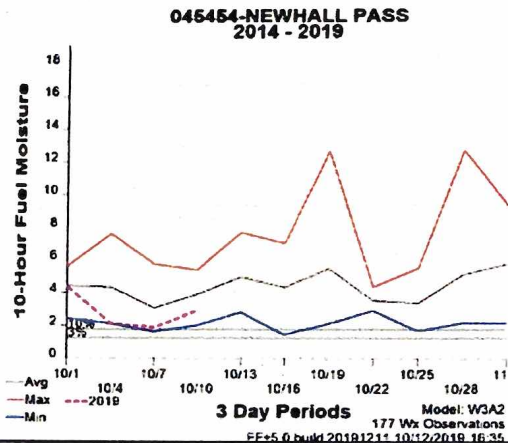
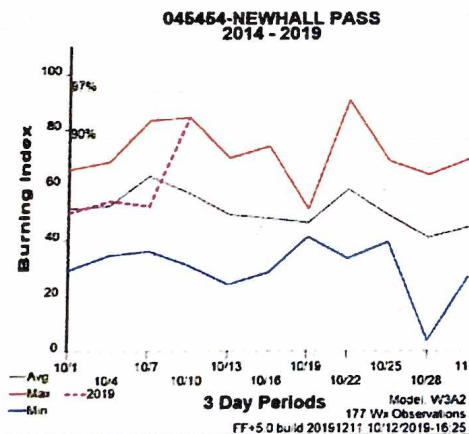
OUTPUTS

FIRE BEHAVIOR

GENERAL:

Fuels:

The fuels have been exposed to increased drying. LFM values are near critical fire danger levels. Burning Index levels have increased due to fuels condition and weather.



SPECIFIC:

Probability of Ignition up to 65% at peak fire weather

Spotting Potential: up to 1/2 mile then diminishing

All Branches Day: the fire will be limited to new growth if not into alignment of wind, slope and fuels. When out of alignment fire line intensities and flame lengths will be favorable to personnel.

All Branches Night: With increasing RH recovery identify those areas where the fire stopped without direct engagement. Larger fuels will continue to burn down increasing the chance for roll out.

AIR OPERATIONS: Clear skies and diminished wind speeds will favorable conditions for air resources.

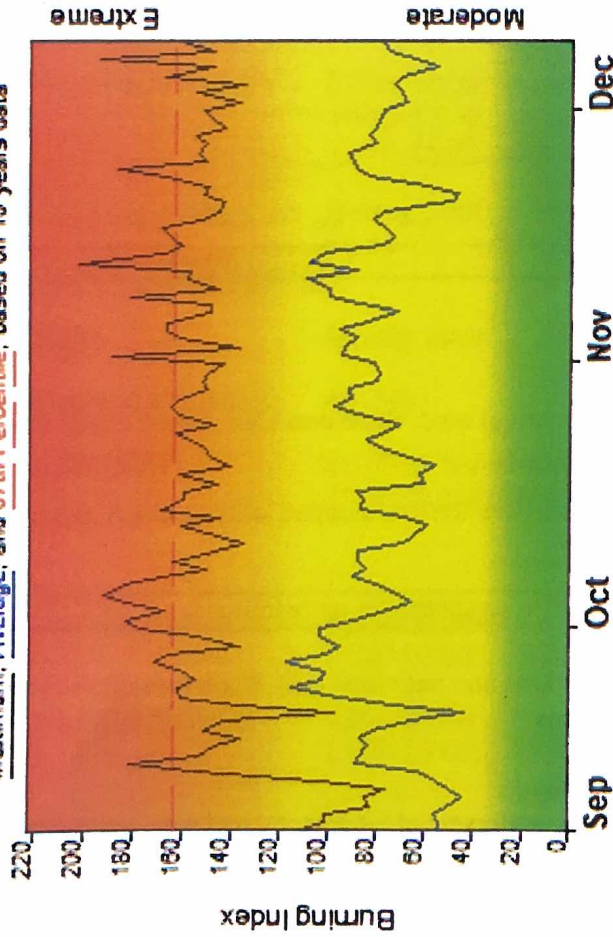
SAFETY:

There are four major common denominators of fire behavior on fatal and near-fatal fires. Such fires often occur:

1. On relatively small fires or deceptively quiet areas of large fires.
2. In relatively light fuels, such as grass, herbs, and light brush.
3. When there is an unexpected shift in wind direction or wind speed.
4. When fire responds to topographic conditions and runs uphill. Alignment of topography and wind during the burning period should always be considered a trigger point to re-evaluate strategy and tactics.

FIRE DANGER -- LA Zone Review

Maximum, Average, and 97th Percentile, based on 10 years data



Fire Danger Area:

- LA Basin Fire Danger
- LA Basin Forecast Zone
- SIG-LA Basin WX Stations
 - * Meets NWCG Wx Station Standards

Fire Danger Interpretation:

- EXTREME** – Use extreme caution
- High** – Watch for change
- Moderate** – Lower Potential, but always be aware

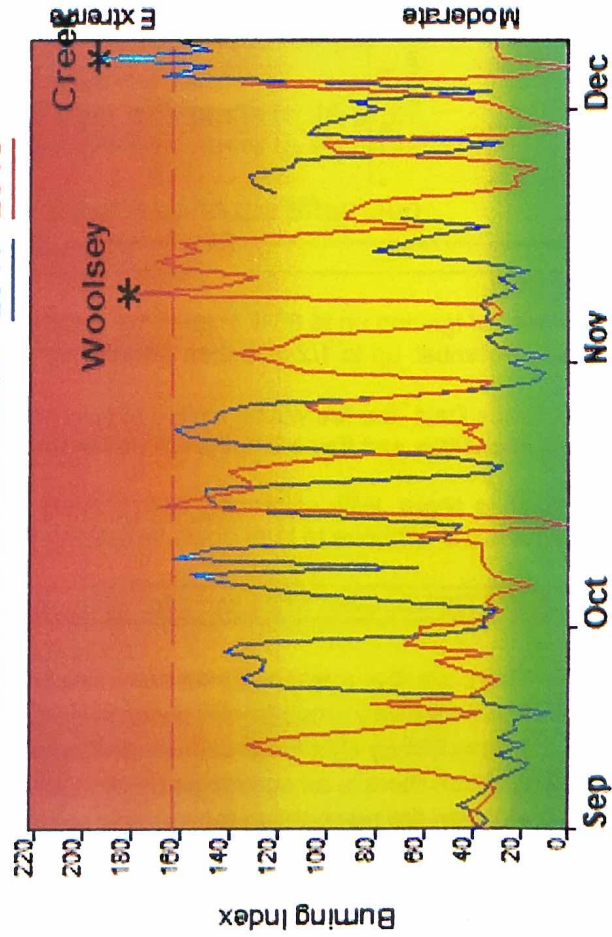
Maximum – Highest Burning Index by day for 2009 - 2018

Average – shows peak fire season over 10 years (925 observations)
97th Percentile – 3% of the 925 days from 2009 - 2018 had an Burning Index above 162

Local Thresholds - Watch out: Combinations

- of any of these factors can greatly increase fire behavior:
- 20' Wind Speed over 30 mph, RH less than 20%.**
- Temperature over 85, Burning Index over 77**

Years to Remember: 2017 2018



Remember what Fire Danger tells you:

- ✓ Burning Index gives day-to-day fluctuations calculated from 2 pm temperature, humidity, wind, daily temperature & rh ranges, and precip duration.
- ✓ Wind is part of BI calculation.
- ✓ Watch local conditions and variations across the landscape – Fuel, Weather, Topography.
- ✓ Listen to weather forecasts – especially WIND.

Past Experience:

- Rates of Spread > 180 ch/hr
- Spotting up to 0.5-1 Mile Ahead of Fire Front
- Eye Level Wind Speed > 7 MPH
- Live Fuel Moistures < 75%
- Fine Fuel Moistures < 5%
- Active Night Burning Conditions with RH < 30%
- Non-Wind Driven Fires: Look for variation on the fire ground
- Identify the alignment of wind, slope and solar pre-heating

Responsible Agency: LA County

FF+4.2 build 24.19 06/29/2019-21:13 (C:\Users\Garrett Hazelton\...LA Basin 2019_10 Year*)

Fuel Model: B - California Chaparral

Design by NWCG Fire Danger Working Team

ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED
INFORMATION/BASIC

1. Incident Name: <p style="text-align: center; font-size: 1.2em;">Saddle Ridge</p>		2. Operational Period: Date From: 10/13/19 Date To: 10/14/19 Time From: 0700 Time To: 0700			3. Branch Division <p style="text-align: center; font-size: 1.5em;">I X</p>		
4. Operations Personnel:					Page 1 of 1 X-ray		
Operations Section Chief: Oscar Vargas, Guy Tomlinson, Mike Inman				Night Ops: Tom Stukey			
Branch Director: Matt Conklin				Branch Safety: Dan Giles, Jeff Birg (t), Mike Goudchaux (t)			
Division/Group Supervisor: Craig Martin, Greg Stenmo (t)				Air Attack:			
5. Resources Assigned:		** Resources Below in Bold are 12 Hour **					
Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location
Inyo IHC			Joel Schilling	20	C-3	0700-1900	ICP
Vista Grande IHC			Brett Pascale	18	C-1	0700-1900	ICP
Bear Divide IHC			Brian Anderson	20		0700-1900	ICP
Mill Creek IHC			John Ellison	19	C-2	0700-1900	ICP
STG SLU 9345G			Jerramy Brant	35	C-22	0700-0700	ICP
CRW1 ORC Crew 2			Doug Mann	17	C-27	0700-1900	ICP
CRW2IA Vantana Crew			Harold Cook	20	C-6	0700-1900	ICP
CRW2 Hart Lake Crew			Corey Buckley	18	C-9	0700-1900	ICP
CRW2IA Klamath Crew 14			Andy Zink	19	C-7	0700-1900	ICP
STL KRN 9361L			Andrew Duitsman	6	E-220	0700-0700	ICP
STL LMU 9223L			Peter Coates	5	E-84	0700-0700	ICP
STL TCU 9448L			William Schall	2	E-83	0700-0700	ICP
DOZ LPF Dozer 4				2	E-18	0700-1900	ICP
DOZ LPF Dozer 5			Sean Kenney	2	E-17	0700-1900	ICP
DOZ ANF Dozer 10			Walker	4		0700-1900	ICP
DOZ ANF Dozer 12						0700-1900	ICP
DOZ ANF			Mike Anott			0700-1900	ICP
DOZ BDF Dozer 3			D. Howard	3	E-19	0700 1900	ICP
6. Work Assignments: Construct direct line from Wilson Cyn west to Sombrero Canyon. Construct indirect dozer line along Santa Clara Divide Rd.							
7. Special Instructions: STG 9345G is a 24 hour resource and shall make contact with night Division Supervisor A/Z on the night tactical frequency listed in the 205							
8. Communications							
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
LAC V-3	1	COMMAND	152.5400 N	(T14) 151.4	157.8000 N	(T14) 151.4	
R5 TAC 4	12	TACTICAL	166.5500 N	NONE	166.5500 N	NONE	
CALCORD	13	MEDICAL TAC	156.0750 N	(T6) 156.7	156.0750 N	(T6) 156.7	
A/G CMD	14	AIR TO GROUND	167.8125 N	NONE	167.8125 N	NONE	BRANCH, OPS, DIVS
A/G TAC	15	AIR TO GROUND	168.3375 N	NONE	168.3375 N	NONE	ALL DIVISIONS
AIR GUARD	16	EMERGENCY	168.6250 N	NONE	168.6250 N	(T1) 110.9	
9. Prepared by: Name: Kristen Allison, Lauren Dale, Kenneth Cook (t), Rob Scott (t), RESL Signature: _____							
ICS 204		Date/Time: 10/12/2019 2200				Personnel Count: 210	

ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED
INFORMATION//BASIC

1. Incident Name: <p style="text-align: center; font-weight: bold;">Saddle Ridge</p>	2. Operational Period: Date From: 10/13/19 Date To: 10/14/19 Time From: 0700 Time To: 0700	3. Branch Division <p style="text-align: center; font-size: 2em; font-weight: bold;">I V</p> <p style="text-align: center;">Page 1 of 1 Victor</p>
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4. Operations Personnel:	
Operations Section Chief: Oscar Vargas, Guy Tomlinson, Mike Inman	Night Ops: Tom Stukey
Branch Director: Matt Conklin	Branch Safety: Dan Giles, Jeff Birg (t), Mike Goudchaux (t)
Division/Group Supervisor: Curt Wisman	Air Attack:

5. Resources Assigned:		** Resources Below in Bold are 12 Hour **					
Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location
KNF STC 3600C			Matt Prentiss	27	E-144	0700-1900	ICP
LNF STC 3615 C			Jake Botts	27	E-143	0700-1900	ICP
YDF STC 4298C			Scott Pfeifer	22	E-146	0700-1900	ICP
STC 6631C				21		0700-0700	ICP
ANF ENG 10				4		0700-1900	ICP
ANF ENG 12				4		0700-1900	ICP
ANF ENG 33				4		0700-1900	ICP
ANF ENG 310				4		0700-1900	ICP
ANF ENG 339				4		0700-1900	ICP
Groveland IHC			Steven Marks	19		0700-1900	ICP
Kings Canyon IHC			Joe Suarez	15	C-13	0700-1900	ICP
EI Cariso IHC				20		0700-1900	ICP
Golden Empire T2IA			Paddrick Young	20	C-18	0700-1900	ICP
LAC DZ 6			Darin Beaty	3		0700-1900	ICP
LAC DZ 7				3		0700-1900	ICP
ANF WT 212				2		0700-1900	ICP
CNF WT 245			T. Downs	2		0700-1900	ICP
LFD WT 77				2		0700-0700	ICP
HEQB			Josh Hesketh	1		0700-1900	ICP
HEQB			Dan Shuford	1		0700-1900	ICP

6. Work Assignments: Adding rows has a negative effect on certain formulas. Maybe create another page?
 Construct direct handline in Sombrero Canyon.
 Mitigate smokes in public access areas.

7. Special Instructions:

8. Communications

Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
LAC V-3	1	COMMAND	152.5400 N	(T14) 151.4	157.8000 N	(T14) 151.4	
FCA V-4D	10	TACTICAL	155.3550 N	(T6) 156.7	155.3550 N	(T6) 156.7	
CALCORD	13	MEDICAL TAC	156.0750 N	(T6) 156.7	156.0750 N	(T6) 156.7	
A/G CMD	14	AIR TO GROUND	167.8125 N	NONE	167.8125 N	NONE	BRANCH, OPS, DIVS
A/G TAC	15	AIR TO GROUND	168.3375 N	NONE	168.3375 N	NONE	ALL DIVISIONS
AIR GUARD	16	EMERGENCY	168.6250 N	NONE	168.6250 N	(T1) 110.9	

9. Prepared by: Name: Kristen Allison, Lauren Dale, Kenneth Cook (t), Rob Scott (t), RESL

Signature: _____

ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED
INFORMATION/BASIC

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4. Operations Personnel:	
Operations Section Chief: Oscar Vargas, Guy Tomlinson, Mike Inman	Night Ops: Tom Stukey
Branch Director: Dennis Breshears	Branch Safety: Mark Cook
Division/Group Supervisor: Mike Halverson/Tony Buzzario (T)	Air Attack:

5. Resources Assigned:		** Resources Below in Bold are 12 Hour **					
Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location
LFD STA 1005A			Scott Campos	22		0700-0700	ICP
NEU STC 9230C			Jesse Morris	21		0700-0700	ICP
SHU STC 9240C			Tim Whitehorst	21		0700-0700	ICP
RRU STC 9310C			Bill Lawe	17		0700-0700	ICP
STC 9331C				16		0700-0700	ICP
TUU STC 9411C				21		0700-0700	ICP
Salmon River IHC			Bill Robinson	19		0700-1900	ICP
LAC STG 1173G				24		0700-0700	ICP
LAC STG 1176G			Chad Hunter	24		0700-0700	ICP
RRU STG 9315G			Ray Cordoba	32		0700-0700	ICP
RRU STG 9318G			Kevin Krauss	32		0700-0700	ICP
LAC CREW2			Rob Morales	5		0700-1900	ICP
LAC CREW8				2		0700-1900	ICP
VNC CREW12				2		0700-1900	ICP
KRN CREW10				1		0700-1900	ICP
STL DZ 9223L				5		0700-1900	ICP
STL DZ 9416L				5		0700-1900	ICP
LFD DZ 12				2		0700-1900	ICP

6. Work Assignments:
 Direct line construction
 Mop up 300' in from control line.
 Backhaul trash.

7. Special Instructions:

8. Communications							
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
LAC V-3	1	COMMAND	152.5400 N	(T14) 151.4	157.8000 N	(T14) 151.4	
VFIRE26	6	TACTICAL	154.3025 N	(T6) 156.7	154.3025 N	(T6) 156.7	
CALCORD	13	MEDICAL TAC	156.0750 N	(T6) 156.7	156.0750 N	(T6) 156.7	
A/G CMD	14	AIR TO GROUND	167.8125 N	NONE	167.8125 N	NONE	BRANCH, OPS, DIVS
A/G TAC	15	AIR TO GROUND	168.3375 N	NONE	168.3375 N	NONE	ALL DIVISIONS
AIR GUARD	16	EMERGENCY	168.6250 N	NONE	168.6250 N	(T1) 110.9	

9. Prepared by: Name: Kristen Allison, Lauren Dale, Kenneth Cook (t), Rob Scott (t), RESL Signature: _____

ICS 204 Date/Time: 10/12/2019 2200 Personnel Count: 271



Saddle Ridge Incident
Night Operations 204's
10/13/2019
1800-0700

AIR OPERATIONS SUMMARY ICS-220

Incident Name and Incident Number
Saddle Ridge CA-LFD-001582

General Remarks, Safety Notes, Hazards, Air Operations Special Equipment, etc.
 TRACK ALL DIPSITE LOCATIONS / NUMBER OF DIPS / GALLONS TAKEN
 TRACK ALL DROP LOCATIONS / NUMBER OF DROPS / GALLONS DROPPED
 ALL GPS DATA TO BE COLLECTED IN DEGREES, MINUTES, DECIMAL MINUTES, FORMAT.
 AVOID Aerial Application of Retardant / Foam / Agent within 300' of Waterways, Bodies of Water, etc.
 If Retardant / Foam / Agent is Dropped Within These Areas Immediately Notify the AOB and Provide the Following Information: Lat / Long, Estimated Number of Gallons and a Map Detailing The Area.

Time Prepared
 18:00

Date Prepared
 Saturday, October 12, 2019

Prepared By
 Bart Dorman

Operational Period - Date
 Saturday, October 12, 2019

Operational Period - Time
 0600-0600

Shutdown
 18:52

Helibase Information
 Name Camarillo
 Latitude 34 12.83
 Longitude 119 05.66

Request # A-103
Radius: Rhombus NM
Altitude: 8000' MSL
Centerpoint: 34 20.13 Lat
 118 30.48 Long
NOTAMS: 9/4903
Frequency 123.175
<http://tfr.faa.gov/tfr2/list.html>

Rescue Ship Information
Day | **Night**
 Name LA County or LA County or
 Phone LA City, LA City,
 Make/Model Request Request
 Location through COMS through COMS
 Request Procedure for These Aircraft:

See Medical Plan For Additional Info

Trainee Name
 Bart Dorman
Phone
 818-929-5987

Frequencies	RX	Tone	TX	Tone	AM / FM
AIR TACTICS Primary	169.1000		169.1000		FM
AIR TACTICS Secondary					FM
AIR / AIR Rotor Primary	123.1750		123.1750		AM
AIR/AIR Rotor Wing Secondary	125.6750		125.6750		AM
AIR / AIR - Briefing					AM
AIR / GROUND Command	167.8125		167.8125		FM
AIR / GROUND Tactical	168.3375		168.3375		FM
COMMAND	152.5400	151.4	157.8000	151.4	FM
TOLC					AM
DECK	163.1000		163.1000		FM
CALCORD - MEDICAL	156.0750	156.7	156.0750	156.7	FM
AIR GUARD - Emergency Only	168.6250		168.6250	110.9 (1)	FM

Position	Name	Phone
AOBD	Brad Idol	805-338-4715
AOBD		
ASGS		
ASGS		
HEBM	KWJF - Kevin Christy	310-422-3832
HEBM	Camarillo - Jerick Domingues	805-350-3716
HLCO	KWJF - Doug Ross	951-288-5372
HLCO	KWJF - Tim Perkins	949-702-3868
HLCO	Camarillo - Jon Harris	805-729-0299
HLCO	KWJF - Mark Babieracki	970-946-4800
ATGS	AA-52- Brian Baker	530-394-8110
ATGS	AA-12 Joel Lane	805-909-0577

HELICOPTERS (Use page 2 if Needed)										
FAA #	Type	Make/Model	Helibase	Start	Avail	Remarks / A - #	FAA #	Type	Make/Model	Helibase
8GH	III	A-Star	KWJF	630	700	HLCO A-69	9125M	I	Sikorsky/CH54A	KWJF
922FS	III	Bell/407	Camarillo	630	700	HLCO A-68	624CK	I	Sikorsky/S61	KWJF
707AH	III	Bell/407	KWJF	630	700	HLCO A-70	4037S	I	Sikorsky/S64E	KWJF
15HX - 531	II	Bell/205A1++	KWJF	630	700	A-3	261CG	I	Sikorsky/S61	Van Nuys
205WW - 532	II	Bell/205A1++	KWJF	630	700	A-16	404AJ	I	Boeing/CH47D	Camarillo
386HQ - 530	II	Bell/205A1++	KWJF	630	700	A-53	1043T	I	Sikorsky/S61	KWJF
612TA - 528	II	Bell/212HP	Camarillo	630	700	A-55	472CH	I	Boeing/CH47D	Camarillo
109Z-H509	II	Bell/209	KWJF	630	700	HLCO/R A-106	722HT	I	Sikorsky/CH54B	Camarillo
				630	700		7095B	I	Sikorsky/CH54A	Camarillo
							718HT	I	Sikorsky/CH54B	Camarillo

FIXED WING (Use Page 2 if Needed)										
FAA #	Type	Make/Model	Base	Avail	Start	Remarks	FAA #	Type	Make/Model	Base

Planned Missions (Includes: Water Dropping, Retardant, Recon, Rescue, Cargo, Personnel Transport, Air Attack, HLCO, etc.)									
Mission	Aircraft	Start Time	Departure Point	Destination	Instructions For Aircraft or Name of Personnel or Type of Cargo (if applicable)				

HEALTH AND SAFETY MESSAGE

STRENUOUS WORK + LONG HOURS = FATIGUE

INCIDENT: Saddle Ridge Fire

DATE: 10/13-14/2019

TIME: 0700-0700

Major Hazards and Risks: Exhaustion, Over Exertion, Long Hours Mopping Up on Steep Terrain with High Heat, Direct Sunlight and Rolling Material Can Result in Injuries!!!

Fire Order of the Day– *Be alert. Keep calm. Think clearly. Act decisively.*

Watch Out Situation
WORKING ON WITH SHARP OBJECTS



WILDLAND RISK MANAGEMENT

- SITUATION AWARENESS - What is around you?
- HAZARD ASSESSMENT- Can it hurt you or others?
- HAZARD CONTROL- Secure the area to mitigate the hazard.
- DECISION POINT- Risk vs. Gain
- EVALUATE- Observe / Reassess Take Actions

Refer to IRPG Page 1

BE AWARE !!!

THE 4-COMMON DENOMINATORS OF FIRE BEHAVIOR ON TRAGEDY FIRES

1. *RELATIVELY SMALL FIRES OR DECEPTIVELY QUIET AREAS OF LARGE FIRES.*
2. *IN LIGHT FUELS, SUCH AS GRASS, HERBS, AND LIGHTY BRUSH*
3. *WHEN THERE IS AN UNEXPECTED SHIFT IN WIND DIRECTION OR IN WIND SPEED.*
4. *WHEN FIRE RESPONDS TO TOPOGRAPHIC CONDITIONS AND RUNS UPHILL.*

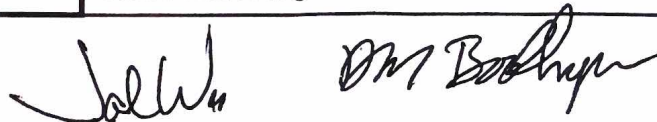
Incident Safety Officer: Jack Wise SOF 1, Mitch Brookhyser SOF 2 (t)

Sal Woo DM-Balmyer

INCIDENT SAFETY ANALYSIS 215a

SADDLE RIDGE - Sunday, October 13, 2019

8. Location	9. Hazard	6. Control or Abatement Action (Engineering, Administrative, PPE, Avoidance, Education, etc)
ALL	Roadside Response Safety	Keep all hose, fire tools, equipment out of traffic lanes. Refer to IRPG Page 26
ALL	Extreme Fire Behavior	<ul style="list-style-type: none"> ~ Share weather observations with all personnel assigned to division. ~ Establish "Trigger Points" to withdraw. ~ Use "Risk Management" process prior to engaging in suppression actions, refer to page 1, IRPG.
ALL	Driving & Traffic	<ul style="list-style-type: none"> ~ Practice "Defensive Driving" techniques traveling on all roads and city streets. ~ Use spotters when backing. ~ Honk horn to alert personnel when backing. ~ Keep clutter off dash and inside cab. ~ Follow Driving LCES (Lights, Chock blocks, Emergency brake, Seat belts. ~ Always use headlights. ~ Yield to pedestrians and bicycles. ~ Observe posted speed limits. ~ Use the 3 second rule for following distance when driving. ~ Use chock blocks, turn wheels into hill. ~ Avoid distractions (eating, cell phones, radio). ~ Ensure that windshields are kept clean of dust and bugs.
BRANCH I	Hazard Trees	<ul style="list-style-type: none"> ~ Follow "Hazard Tree Safety" guidelines, IRPG page 22. ~ Post lookouts, or use a spotter in mop-up areas with personnel. ~ Don't park vehicles or take breaks in high concentrations of hazard trees. ~ Establish trigger points for disengagement during high wind events. ~ Remember that the hazard zone extends a minimum of 2 1/2 tree heights.
ALL	Fireline Hazards	<ul style="list-style-type: none"> ~ Do not work directly above or below personnel during firing and mop-up operations. ~ Watch for falling and rolling debris on steep slopes. ~ Alert crew personnel of rolling debris by yelling to affected individuals. ~ Position debris that could roll vertically on slope. ~ Avoid stepping over debris that could roll by walking around object. ~ Avoid radiant heat by wearing appropriate PPE correctly. ~ Use correct tool for task assigned. ~ Follow power line safety protocol as outlined on page 22 in IRPG. ~ Flag and isolate all HAZMAT and alert all personnel working in Division. ~ Follow WUI recommendations on pages 10-11 in IRPG.
BRANCH I	Heavy Equipment Operations	<ul style="list-style-type: none"> ~ Ensure communications are established with operators. ~ Use hand signals if other communications are unavailable. ~ Maintain a 50'-100' exclusion area around equipment and increase it to 1 1/2 times tree height when in timber. ~ Use a spotter when backing. ~ Avoid working below heavy equipment.
BRANCH IV	Steep Terrain & Rolling Debris	<ul style="list-style-type: none"> ~ Maintain 8'-10' spacing when working & walking. ~ Don't work above any personnel. ~ Be on the lookout for rolling rocks, debris, or burning material. ~ Evaluate necessity to send personnel in areas with limited access. ~ Post lookouts (IRPG pg 6).
ALL	Fatigue & Over Exertion	<ul style="list-style-type: none"> ~ Drink 1 quart of water each hour during and after work. ~ Rotate crews out of smoky areas. ~ Set a reasonable work pace and allow adequate rest breaks while on the project. ~ Stagger work crews start time to limit fatigue. ~ Use buddy system to monitor personnel of heat related and fatigue issues. ~ Follow work / rest guidelines.



MEDICAL PLAN (ICS 206)

1. Incident Name: Saddle Ridge	2. Operational Period: Date From: 10/13/19 Time From: 0700	Date To: 10/14/19 Time To: 0700
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3. Medical Aid Stations:			
Name	Location	Contact Number(s)/Frequency	Paramedics on Site?
LFD RA266 Day / LFD RA7 Night	ICP – Hansen Dam	Command	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

4. Transportation (indicate air or ground):			
Name	Location	Contact Number(s)/Frequency	Level of Service
LAC Helicopter (Hoist)	Barton Heliport – 12605 Osborne St.	Command	<input checked="" type="checkbox"/> ALS <input type="checkbox"/> BLS
LFD / LAC	*** JURISDICTIONAL AGENCY***	Command	<input checked="" type="checkbox"/> ALS <input type="checkbox"/> BLS

5. Hospitals:							
Hospital Name	Address, Latitude & Longitude if Helipad	Contact Number(s)/ Frequency	Travel Time		Trauma Center	Burn Center	Helipad
			Air	Ground			
Henry Mayo Newhall Hospital	23845 West McBean Parkway Valencia, 91355 N34 23.94 / W118 33.11	(661) 200-1601	10	20	<input checked="" type="checkbox"/> Yes Level: <u>2</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
LAC Olive View Medical Center	14445 Olive View Drive Sylmar, 91342 N34 19.61 / W118 26.70	(747) 210-4324	5	10	<input type="checkbox"/> Yes Level: _____	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
West Hills Hospital	7300 Medical Center Dr. West Hills, 91307 N34 12.18 / W118 37.75	(818) 676-4598	10	30	<input type="checkbox"/> Yes Level: _____	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Dignity Health Northridge Hospital	18300 Roscoe Blvd Northridge, 91328 N34 13.21 / W118 31.95	(818) 885-5396	5	20	<input checked="" type="checkbox"/> Yes Level: <u>2</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Providence Holy Cross Medical Center	15031 Rinaldi St. Mission Hills, 91345 N 34 16.81 / W 118 27.67	(909) 623-8715	5	15	<input checked="" type="checkbox"/> Yes Level: <u>2</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
LAC + USC Medical Center	1200 North State Street Los Angeles, 90033 N 34 03.345 / W 118 12.48	(323) 226-2622	15	40	<input checked="" type="checkbox"/> Yes Level: <u>1</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

6. Medical Emergency Procedures:
In the event of a medical emergency follow the 8-Step Medical Incident Report, pages 118-119 of the IRPG.

1. Contact Communications
 - a. "Stand-by for Emergency Traffic"
2. Incident Status:
 - a. Severity of Emergency (Red/Yellow /Green)
 - b. Nature of injury/illness/MOI
 - c. Transport request (Air, ground)
 - d. Patient Location (Lat/Long, WGS84)
 - e. Incident name (Geographic name + medical)
 - f. Incident Commander
 - g. Patient Care (provider name)
3. Initial patient assessment - Refer to Page 106
4. Develop transport plan
 - a. Air/Ground, Need for hoist, drop point, Helispot
5. Determine need for additional resources
6. Confirm Communications
 - a. A/G EMS Frequencies
7. Contingency Plan
8. Additional Information
 - a. Updates/changes, etc.

In Camp Emergency: Contact Medical Unit at ICP

EMERGENCY REPORTING WORKSHEET

SEVERITY RED (Immediate) YELLOW (Delayed) GREEN (Minor)

NATURE OF EMERGENCY _____

LOCATION OF PATIENT _____

TRANSPORTATION REQUESTED BY: AIR ___ GROUND ___

POINT OF PICKUP _____

WGS84 LAT _____ LONG _____

PATIENT UNIT ID _____

REMINDER: DO NOT GIVE PT NAME OVER RADIO

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.

NOTE: IWI NOTIFICATIONS

1. Incident Commander
2. Operations
3. Safety Officer
4. Medical Unit Leader

7. Prepared by (Medical Unit Leader): Name: K. Litz MEDL / A. Reyes MEDL(t) Signature:
8. Approved by (Safety Officer): Name: <u>MITCH BROOKHUSER</u> Signature:
ICS 206 IAP Page _____ Date/Time: <u>10/12/19 / 1900hrs</u>

INCIDENT RADIO COMMUNICATIONS PLAN Incident Name: **SADDLE RIDGE** Date/Time Prepared: **10/12/19 2000** Operational Period Date/Time: **10/13/19 @ 0700 - 10/14/19 @ 1900**

CONTROLLED UNCLASSIFIED INFORMATION//BASIC

CH	Function	Channel Name/Trunked Talkgroup	Assignment	RX Freq	RX Tone/NAC	TX Freq	TX Tone/NAC	Dev	Pwr	Mode A, D, M	Remarks
VHF											
1	COMMAND	LAC V-3	ALL DIVISIONS	152.5400	Tone 14 151.4	157.8000	Tone 14 151.4	N	H	A	
2	TACTICAL	VFIRE22	DIVISION B/C	154.2650	Tone 6 156.7	154.2650	Tone 6 156.7	N	L	A	
3	TACTICAL	VFIRE23	DIVISION F	154.2950	Tone 6 156.7	154.2950	Tone 6 156.7	N	L	A	
4	TACTICAL	VFIRE24	DIVISION D	154.2725	Tone 6 156.7	154.2725	Tone 6 156.7	N	L	A	
5	TACTICAL	VFIRE25	DIVISION S	154.2875	Tone 6 156.7	154.2875	Tone 6 156.7	N	L	A	
6	TACTICAL	VFIRE26	DIVISION T	154.3025	Tone 6 156.7	154.3025	Tone 6 156.7	N	H	A	
7	TACTICAL	FCA V-1D	SUPPRESSION REPAIR	155.3250	Tone 6 156.7	155.3250	Tone 6 156.7	N	H	A	
8	TACTICAL	FCA V-2D	UNASSIGNED	155.4000	Tone 6 156.7	155.4000	Tone 6 156.7	N	H	A	
9	TACTICAL	FCA V-3D	DIVISION A	150.7750	Tone 6 156.7	150.7750	Tone 6 156.7	N	H	A	NIGHT DIVISION AIZ
10	TACTICAL	FCA V-4D	DIVISION Z	155.3550	Tone 6 156.7	155.3550	Tone 6 156.7	N	H	A	
11	TACTICAL	NIFC T-1	DIVISION V	168.0500	NONE	168.0500	NONE	N	L	A	NIGHT DIVISION VIX
12	TACTICAL	R5 TAC 4	DIVISION X	166.5500	NONE	166.5500	NONE	N	L	A	
13	TACTICAL	CALCORD	MEDICAL TAC	156.0750	Tone 6 156.7	156.0750	Tone 6 156.7	N	H	A	
14	Air-to-Ground	A/G CMD	OPS, BRANCH, & DIVS	167.8125	NONE	167.8125	NONE	N	L	A	
15	Air-to-Ground	A/G TAC	ALL DIVISIONS	168.3375	NONE	168.3375	NONE	N	L	A	
16/20	EMERGENCY	AIR GUARD	EMERGENCY	168.6250	NONE	168.6250	Tone 1 110.9	N	L	A	

LAFD 800 MHz System

800	DISPATCH	LFD T-8	LA CITY DISPATCH	858.4375	Tone 8 103.5	858.4375	Tone 9 103.5	W	H	A	
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Prepared By (Communications Unit Leader): **Mike Horst, COM1 (661) 645-4254 / Travis Wight, COM1 (562) 762-7304** Incident Location: **Sylmar, CA**

Cnty: **Los Angeles** Latitude Longitude: **N W**

CONTROLLED UNCLASSIFIED INFORMATION//BASIC

Saddle Ridge Fire Suppression Repair Guidelines

Objectives

1. Minimize surface and gully erosion.
2. Minimize sediment delivery into stream channels.
3. Restore conditions to pre-fire drainage patterns.
4. Restore topsoil and soil cover, expediting revegetation.
5. Remove all suppression associated trash.

Special Provisions

1. Motorized equipment should be thoroughly cleaned to prevent noxious weed spread before entering and after exiting the ANF.
2. Any reopened preexisting dozer lines or new handlines have been cleared for suppression repair work. New dozer lines, safety zones, helispots must be cleared by READs prior to suppression repair work.
3. Avoid all sensitive resources identified by orange and blue flagging.

ROADS

1. Existing dirt surfaced roads used for access will be returned as close to pre-incident condition as possible.
2. Existing roads that are closed, but reopened for current incident use, will be returned as close to pre-incident condition as possible.
3. Remove woody debris, logs, rocks and other obstructions large enough to block water flow from drainage areas along roads and culverts.

DOZER LINES

1. Dozer lines will be treated by pulling outside berms back into the control line, re-contouring or out-sloping the surface to allow water to quickly drain off of the dozer line.
2. Waterbars are to be built on slopes greater than 5% and the outlet should drain into the green whenever possible.
3. Waterbars will consist of a minimum of a six inch (6") cut into the firm bed of the control line and have a berm with a compacted height of no less than twelve inches (12") (see figure 1).
4. Waterbars will be constructed diagonally across should be skewed horizontally from the fall line of the slope (not the dozer line) approximately 30 degrees from horizontal and drained away from the fire burned area if possible.
5. Utilize natural rolls and dips whenever possible.
6. Scatter branches, wood, rock, brush or other material to naturalize the fire line and further minimize soil movement. Scattered material should be placed at critical intersections of roadways.
7. When it will not compromise the effectiveness of containment lines, hand crews may be used to augment scattering of wood debris/slash to naturalize the dozer line and further minimize soil erosion.
8. Hand crews may be used to construct waterbars on slopes greater than 50% (with little to no rock) or in areas too hazardous for safe equipment operation, or in areas where dozer use may create additional surface disturbance.
9. When dozer lines follow a ridge where there is no vegetation on either side, or where there is unburned vegetation on both sides (indirect line), re-contouring and waterbars should be designed to divert water equally to both sides of the ridge.
10. Remove all trash and equipment associated with dozer equipment maintenance.
11. Vertical slashing, chunking or berming shall be used in combination with the above techniques to prevent access for unauthorized OHV use at critical intersections of roadways and trails.
12. Entrances to dozer lines will be blocked from OHV travel by placement of berms (over 3 ft. high).

HAND LINES

1. Use hand tools or chainsaws only on handlines, not dozers or excavators.
2. Trenching (if any) should be filled in with displaced dirt and the hand line restored to blend with the undisturbed soil contours.
3. Waterbars for hand lines should be cut to a depth equal to the width of a standard fire shovel.
4. Waterbars should be skewed horizontally from the fall line of the slope (not the hand line) approximately 15 to 20 degrees from horizontal and drained away from the fire burned area if possible.
5. The outside end of the waterbar must be open and should discharge into an area where the ground surface is protected by vegetation that is unburned, if possible.
6. When hand lines follow a ridge where there is no vegetation either side, or where there is unburned vegetation on both sides (indirect line), re-contouring and waterbars should be designed to divert water equally to both sides of the ridge.
7. Utilize natural rolls and dips whenever possible.

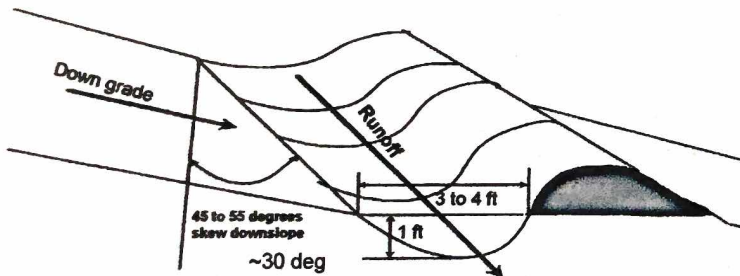
Saddle Ridge Suppression Repair, October 12, 2019, CA-LFD-001582

8. Scatter branches, wood, rock, sod, pine, needles or other material to naturalize the fire line and minimize erosion. Scattering of material should be focused at intersections of roads and trails, disguising visible portions of the line from public view.
9. In some cases, chunking or berming may be used in combination with the above techniques to prevent access for unauthorized OHV use.
10. Remove all trash, equipment, and flagging.

WATERBARS

1. Water-bars should only be used on steep slopes and only when soil re-contouring (putting the soil disturbed by suppression activities back in place) alone is not sufficient to prevent erosion.
2. Water-bars for hand lines should be cut to a depth equal to the width of a standard fire shovel.
3. Water-bars for dozer lines should be no more than 1 foot deep and 2 feet wide.
4. Water-bars will be constructed diagonally across the control line at an angle of thirty-five to forty degrees. The outside end of the water-bar must be open and should discharge into an area where the ground surface is protected by vegetation that is unburned, if possible. Gravel or small cobble size rock armoring at the discharge end of the water-bar will also prevent erosion off the side of the water-bar.
5. Water-bars should be constructed at logical discharge points and guided by the spacing criteria as follows:

Fireline slope %	Maximum Distance Apart (feet)	<i>Recommended spacing for water-bars on firelines. Water-bars should be no further apart than this, but they may be closer. When in doubt, put in more.</i>
10-14	150	
15-20	90	
21-40	50	
41+	25	



WATERCOURSE

1. **Mitigation of suppression impacts will be determined and directed by the Resource Advisor and/or designees.**

HELISPOTS, HELIPOINTS, SAFETY ZONES, DROP POINTS, AND OTHER CLEARINGS

1. All clearings constructed to support suppression activities will be returned as closely to pre-incident conditions as possible.
2. At a minimum, berms will be pulled or raked back into the site, if needed the site will be crowned to facilitate surface drainage.
3. In some cases, chunking, berming or other barriers may be used in combination with the above techniques to prevent access for unauthorized OHV use.

IMPROVEMENTS

1. Improvements such as fences, gates, guzzlers, flood control basins, drainage structures, drainage channel, culverts, and paved roads damaged by suppression activities will be repaired to pre-fire conditions.

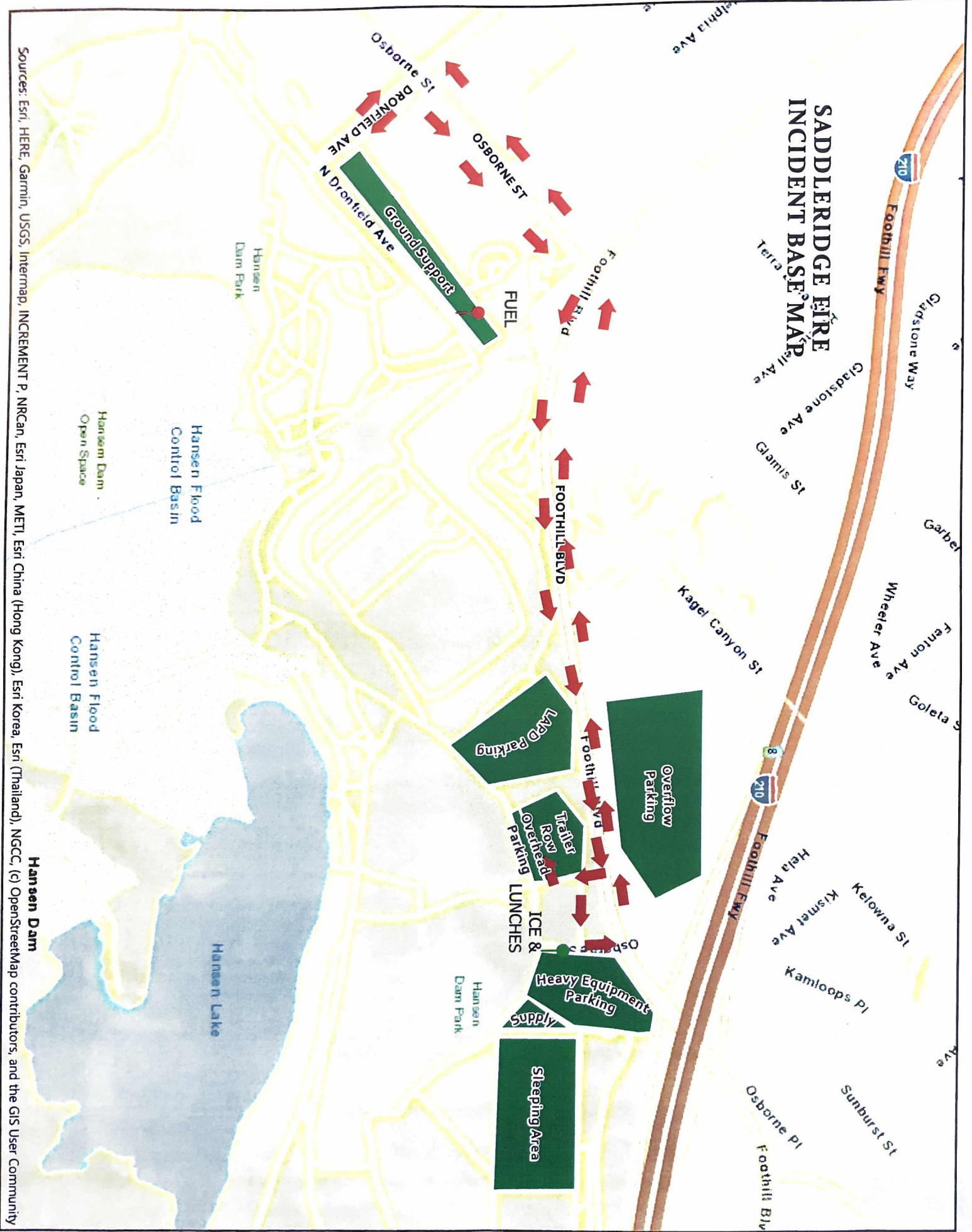
RECREATION SITES

1. Replace any barriers removed for access.

VEHICLE BARRIERS (Berms, gate, locking system etc)

1. Restore to pre-fire condition.

SADDLERIDGE FIRE INCIDENT BASE MAP



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

SADDLERIDGE TRAILER ROW MAP

