INCIDENT ACTION PLAN

BOBCAT / BLUE

BOBCAT CA-ANF-003687
BLUE CA-ANF-004178

BOBCAT P5NJ7S20 0501

BLUE P5NN7L21 0501

INCIDENT OBJECTIVES (ICS 202)

1. Incident Name:	2. Operational Period:	Date From:	Date To:
BOBCAT / BLUE		Time From:	Time To:

3. Objective(s):

Leader's Intent

- Effectively utilize strategies and tactics that provide for firefighter and public safety first and foremost, which have a high probability of success. Objectives to be accomplished shall utilize risk-based decisions that minimize unnecessary exposure of COVID19 for the purpose of implementing tasks associated with protecting priority values at risk.

Incident Objectives

- Address firefighter, aviation and public safety through clear leader's intent with established work prioritization and implementation of fundamental firefighting principles utilizing thorough risk informed decisions.
- Minimize fire threat and impacts to the communities, communication sites, and other infrastructure by coordinating suppression actions with cooperators responsible for structure protection.
- Minimize the long-term effects of fire suppression efforts in the San Gabriel, Sheep Mountain, and Pleasant View Ridge Wilderness, inventoried roadless areas (IRA), and areas with wilderness characteristics by utilizing Minimum Impact Suppression Tactics (MIST). Weigh potential suppression actions in consideration of archaeological and cultural resources, waterways, riparian areas, and wildlife resources, to minimize fire effects & undesirable fire suppression related effects.
- Maintain and strengthen relationships with partner agencies, stakeholders, cooperators, community leaders, and local agencies utilizing most effective platforms available.
- Provide timely and accurate incident information through the press, community meetings, trap lines, briefings and social media.
- Implement social distancing and adhere to the "module of one" concept to reduce physical exposure and transmission of COVID-19, to provide for the health and safety of all incident personnel.
- Establish and monitor cost effective methods for accomplishing operational objectives.

Control Objectives

- Keep the fire within existing containment lines.
- Implement fire suppression repair plan when conditions are appropriate with the READ's.

General Situational Awareness:

Driving hazards exist, slow down, drive defensively and watch out for others.

Enhanced hygiene (especially handwashing), PPE & monitoring practices help limit the infection rate of first responders.

In the COVID-19 environment, high density populations or large groups are particulary at risk. To help protect yourself, your family, and to ensure all employees return home safely, make sure to practice social distancing.

5. Site Safety Plan Required? Yes ☐ No

Approved Site Safety Plan(s) Located at:

6. Incident Action Plan

☑	ICS 203	☐	ICS 215A	☐	ICS 205 A-phone list	☐	
☑	ICS 204	☑	ICS 220	☐	Training Message	☐	
☑	ICS 205	☐	Facility Maps	☐	HR Message	☐	
☑	ICS 206	☐	Weather Forecast	☐	Logistics Message	☐	
☐	ICS 208	☐	Fire Behavior	☐	COVID Message	☑	ICS 214

7. Prepared By: Position/Title: Signature: _____

8. Approved by Incident Commander: Signature: _____

ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name:	2. Operational Period: Date From:	Date To:
BOBCAT / BLUE	Time From:	Time To:

3. Incident Commander(s) and Command Staff:	
IC/UC's	TBD
Deputy	
Safety Officer	
Information Officer	Andrew Mitchell
Liaison Officer	

4. Agency/Organization Representatives:	
Agency/Organization	Name
ANF Agency Admin.	Matthew Bokach
ANF AREP	Robert Garcia
SMD AREP	Brent Bertlett
ARC AREP	Barry Spriggs
SCE AREP	Troy Whitman
AMER. RED CROSS	Bernie Nazari
LAC DPH	Mike Rogers
BLM AREP	James Aragon

5. Planning Section:	
Chief	
Deputy	
Resource Unit	
Situation Unit	
Documentation Unit	
Demobilization Unit	
GISS	Anthony Scavone
FBAN	
IMET	
Training Tech Spec	
SCKN	
Resource Advisor	Daryl Hodges

6. Logistics Section	
	Andrew Miller,
	Terry Hollinger
	Tim Vanderveen
Communications Unit	

7. Operation Section:		
Operations	TBD	
Planning Ops		
Night Ops		
Staging Area		
Branch		
Division/Group	WILSON	TBD
Division/Group	REPAIR	TBD
Division/Group	REPAIR	TBD
Division/Group	BLUE	TBD
Division/Group		
Division/Group		
Division/Group		
Division/Group		
Division/Group		
Division/Group		
Division/Group		
Branch		
Division/Group		
Division/Group		
Division/Group		
Division/Group		
Division/Group		
Branch		
Division/Group		
Division/Group		
Division/Group		
Division/Group		
Air Operations Branch		**Director:**
Air Support Group Supervisor		Bart Dorman
Air Tactical Group Supervisor		
Helibase Manager		Luke Copeland

8. Finance/Administration Section:	
Chief	Jessica Luna
Time Unit	
Personnel Time	
Comp/Claims Unit	
Cost Unit	
Equipment Time	

Prepared By: Name:	Position/Title:	
ICS 203	Date/Time:	NIMS IAP

ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED INFORMATION//BASIC

1. Incident Name:	2. Operational Period:				3. Branch	Division
BOBCAT / BLUE	Date From:		Date To:			**WILSON**
	Time From:		Time To:			
4. Operations Personnel:					**Page 1 of 1**	

Operations Section Chief:	**TBD**	Night Ops:	
Branch Director:		Branch Safety:	
Division/Group Supervisor:	**TBD**	Air Attack:	

5. Resources Assigned: **** Resources Below in Bold are 12 Hour ****

Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location
HC2 Rangers 76		**10/24**	**Ryan Walker**	22	**C-10181**	**12**	**Reporting Location**
ENG3 ANF 34							**Reporting Location**
ENG3 ANF 35							**Reporting Location**
ENG3 ANF 36							**Reporting Location**

6. Work Assignments:

Monitor/Patrol and mop up as necessary.

Secure containment lines.

Provide for protection of critical infrastructure at Mount Wilson

7. Special Instructions:

Backhaul any remaining trash and identify remaining excess equipment.

Work with READs and identify areas requiring suppression repair.

Maintain social distancing as appropriate and follow all COVID 19 policies and protocols.

8. Communications

Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
ANF ADMN T1	1	COMMAND	173.7750	CSQ	164.8750	110.9 (T1)	Mt Waterman
R5 T-4	7	TACTICAL	166.5500	CSQ	166.5500	None	
A/G	14	AIR TO GROUND	168.4000	CSQ	168.4000	None	
CALCORD	15	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)	
AIR GUARD	16	EMERGENCY	168.6250	CSQ	168.6250	110.9 (T1)	INCIDENT WIDE

9. Prepared by: Name:

ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED INFORMATION//BASIC

1. Incident Name:	2. Operational Period:				3. Branch	Division
BOBCAT / BLUE	Date From:		Date To:			REPAIR
	Time From:		Time To:			
4. Operations Personnel:					Page 1 of 2	

Operations Section Chief:	TBD	Night Ops:	
Branch Director:		Branch Safety:	
Division/Group Supervisor:	TBD	Air Attack:	

5. Resources Assigned: ** Resources Below in Bold are 12 Hour **

Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location
CRW T2 PVT Table Rock		**10/21**	**Tomas Gomez**	20	**C-10158**	**12**	
DOZ2 Johnson		**10/25**	**John Johnston**	1	**E-33**	**12**	
EXCA Riddell		**11/5**	**Doug Riddell**	1	**E-10664**	**12**	
EXCA Grayson 7		**11/1**	**Egbert Payne**		**E-10647**	**12**	
EXCA Grayson 8		**11/3**	**Jose Hernandez**	1	**E-10668**	**12**	
EXCA Grayson 9		**11/3**	**Tony Magana**	1	**E-10669**	**12**	
EXCA Pitts		**10/23**	**Teas Wherry**	2	**E-10646**	**12**	
GRD PVT Grayson 1		**10/30**	**Mac Coats**	1	**E-10660**	**12**	
GRD PVT Grayson 2		**10/30**	**Taylor Balchelior**	1	**E-10661**	**12**	
WT Welborn		**10/28**	**Nathan Congiolosi**	1	**E-10513**	**12**	
HEQB Usher		**10/19**	**Erik Usher**	1	**O-14655**	**12**	
HEQB(t) Nuyen		**10/19**	**Robin Nuyen**	1	**O-14658**	**12**	
HEQB Stenmo		**10/29**	**Greg Stenmo**	1	**O-14665**	**12**	
HEQB Lopez		**10/30**	**Nelson Lopez**	1	**O-14661**	**12**	

6. Work Assignments:

Work with READS to identify scope of work and best practices per the Bobcat Fire Suppression Repair Plan and ANF requirements.

Scout and assess any remaining dozer lines.

Improve road surfaces as required.

7. Special Instructions:

During repair of dozer line, minimize soil movement to prevent future erosion.

Work with READs and identify areas requiring repair.

Maintain social distancing as appropriate and follow all COVID 19 policies and protocols.

8. Communications

Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
ANF ADMN T1	1	COMMAND	173.7750	CSQ	164.8750	110.9 (T1)	Mt Waterman
NIFC T5	9	TACTICAL	166.7250	CSQ	166.7250	None	
A/G	14	AIR TO GROUND	168.4000	CSQ	168.4000	None	
CALCORD	15	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)	
AIR GUARD	16	EMERGENCY	168.6250	CSQ	168.6250	110.9 (T1)	INCIDENT WIDE

9. Prepared by: Name:

ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED INFORMATION//BASIC

1. Incident Name:	2. Operational Period:				3. Branch	Division
BOBCAT / BLUE	Date From:		Date To:			REPAIR
	Time From:		Time To:			
4. Operations Personnel:					Page 2 of 2	

Operations Section Chief:	TBD	Night Ops:	
Branch Director:		Branch Safety:	
Division/Group Supervisor:	TBD	Air Attack:	

5. Resources Assigned: ** Resources Below in Bold are 12 Hour **

Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location
READ Villalta		**10/27**	**Alexander Villalta**	1	**O-10002**	**12**	
REAF Rico		**10/19**	**Elizabeth Rico**	1	**O-14611**	**12**	
REAF Glade		**10/19**	**Charity Glade**	1	**O-14615**	**12**	
REAF Bingham		**10/18**	**Sonya Bingham**	1	**O-14608**	**12**	
READ Ronsoni		**10/18**	**Kayla Ronsoni**	1	**O-14607**	**12**	
REAF Hoffman		**10/21**	**Bradley Hoffman**	1	**O-14563**	**12**	
READ Rimbenieks		**10/31**	**Evalds Rimbenieks**	1	**O-14672**	**12**	

6. Work Assignments:

Work with READS to identify scope of work and best practices per the Bobcat Fire Suppression Repair Plan and ANF requirements.

Scout and assess any remaining dozer lines.

Improve road surfaces as required.

7. Special Instructions:

Backhaul any remaining trash and identify remaining excess equipment.

Work with READs and identify areas requiring suppression repair.

Maintain social distancing as appropriate and follow all COVID 19 policies and protocols.

8. Communications

Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
ANF ADMN T1	1	COMMAND	173.7750	CSQ	164.8750	110.9 (T1)	Mt Waterman
NIFC T5	9	TACTICAL	166.7250	CSQ	166.7250	None	
A/G	14	AIR TO GROUND	168.4000	CSQ	168.4000	None	
CALCORD	15	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)	
AIR GUARD	16	EMERGENCY	168.6250	CSQ	168.6250	110.9 (T1)	INCIDENT WIDE

9. Prepared by: Name:

Signature:/s/Sean Wolf

ICS 204	Date/Time:	10/11/2020	2300	Personnel Count:	7

ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED INFORMATION//BASIC

1. Incident Name:	2. Operational Period:				3. Branch	Division
BOBCAT / BLUE	Date From:		Date To:			**BLUE**
	Time From:		Time To:			

4. Operations Personnel:

Operations Section Chief:	**TBD**	Night Ops:	
Branch Director:		Branch Safety:	
Division/Group Supervisor:	**TBD**	Air Attack:	

5. Resources Assigned: ** Resources Below in Bold are 12 Hour **

Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location
HC2IA Scorpions 2		**10/31**		22	**C-17**	**12**	
ENG3 ANF 338 *IA							
ENG3 BDF 331							
ENG3 BDF 316							
WT ANF 34							

6. Work Assignments:

Improve direct fire line. Mop up 300' in from control line.

7. Special Instructions:

Backhaul any equipment, hose and trash as necessary.

Maintain social distancing as appropriate, and follow all COVID-19 policies and protocols.

8. Communications

Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
ANF ADMN T1	1	COMMAND	173.7750	CSQ	164.8750	110.9 (T1)	Mt Waterman
R5 T-6	8	TACTICAL	168.2375	CSQ	168.2375	None	
A/G	14	AIR TO GROUND	168.4000	CSQ	168.4000	None	
CALCORD	15	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)	
AIR GUARD	16	EMERGENCY	168.6250	CSQ	168.6250	110.9 (T1)	INCIDENT WIDE

9. Prepared by: Name:

ICS 204 Personnel Count: 22

AIR OPERATIONS SUMMARY ICS-220

Time Prepared	Date Prepared	Prepared By
16:00	Saturday, October 17, 2020	Bart Dorman

Incident Name and Incident Number	Sunrise	Startup	Cutoff	Sunset	Shutdown	Operational Period - Date	Operational Period - Time
Bobcat ANF-3687, Blue ANF-4178	7:02	7:32	*17:42*	*18:12*	18:32	10/18 through 10/20	08:00 - 18:00

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 AOBD and Provide the Following Information: Lat / Long, Estimated Number of Gallons and a Map Detailing The Area.

Helibase Information
Name KWJF - Fox Field
Latitude 34 44.46
Longitude 118 13.12

Name
Latitude
Longitude
(use page 2 if needed)

TFR Information
Request #
Radius: Rhombus NM
Altitude: 8000' MSL
Centerpoint: 34 15.0 Lat / 118 03.0 Long
NOTAMS: 0/0619
Frequency 127.075
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 ECC	through ECC

Request Procedure for These Aircraft:
See Medical Plan For Additional Info

Frequencies	RX	Tone	TX	Tone	AM / FM
AIR TACTICS Primary					FM
AIR TACTICS Secondary					FM
AIR / AIR Rotor Primary	127.0750		127.0750		AM
AIR / AIR Rotor Secondary					AM
AIR / AIR - Briefing					AM
AIR / GROUND Command	168.4000		168.4000		FM
AIR / GROUND Tactical					FM
COMMAND	172.3750	CSQ	164.9375	1,2,3,5,7,9	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	Trainee Name	Phone
AOBD	Barton Dorman	818-929-5987		
AOBD				
ASGS				
ASGS				
HEBM(T)	Luke Copeland	661-860-6997		
HEBM				
HLCO				
HLCO				
HLCO				
HLCO				
ATGS				
ATGS				
ATGS				

HELICOPTERS (Use page 2 if Needed)

FAA #	Type	Make/Model	Helibase	Start	Avail	Remarks / A - #
N386HQ H530	II	Bell 205A1++	Fox	800	830	Tank A-340
N4037S 37S	I	Sikorsky S-64E	Fox	800	830	A-461
N716HT 6HT	I	Sikorsky CH-54B	Fox	800	830	A-365
N16HX	II	Bell 205A1++	SBD	800	830	**Assigned to Blue**

FAA #	Type	Make/Model	Helibase	Start	Avail	Remarks / A - #

Helibase Name:		Helibase Name:		Helibase Name:	
Latitude:		Latitude:		Latitude:	
Longitude:		Longitude:		Longitude:	

HEALTH AND SAFETY MESSAGE

"A moment for SAFETY-Can last a Lifetime"

INCIDENT: **BOBCAT**	DATE: EXTENDED

Major Hazards and Risks: Flare-ups/Spots, Steep/Rugged terrain, Snags, Fire Weakened Trees; Team Transition. Road/Driving conditions, Weather, Poisonous Plants; Air Operations, Dehydration/Heat Related Illness, and Cumulative Fatigue.

Fire Order of the Day:

Know what your fire is doing at all times:

- On a hillside where rolling material can ignite fuel below **(Watch Out #13).**
- Unfamiliar with weather and local factors influencing fire behavior **(Watch Out #4).**
- What is Plan B when if the fire gets active and catches you by surprise? Pre-plan your contingency plan.

THE PLAN- Know the Medical Plan and the Communications Plan. Expect the Unexpected!

Driving: Be aware of other drivers, personnel and wildlife.

- ✓ Use defensive driving techniques.
- ✓ Always use headlights and seatbelts.
- ✓ Remember to use spotters when backing or get out and look over area backing into.
- ✓ Use chock blocks, parking brakes, and turn wheels in high bank when parked.

Weather- Continue to expect warm temperatures, low RH's, and some winds. Expect the unexpected!! Be prepared for Santa Ana winds and how they will affect fire behavior if there is a flare up.

Communication: Maintain communication with all personnel within your span of control and adjoining resources.

Loose footing- Steep, rocky terrain produces difficult movement for personnel. Take your time and make proper foot placement.

LCES In Place, Every Time: Re-evaluate as you progress, and as conditions warrant. IRPG Page 7.

!!MANAGE FATIGUE!!

REMEMBER -- FATIGUE IS CUMULATIVE!!!

[ ] Adequate Rest? [ ] Overwhelmed (in over your head)?
[ ] Proper Nutrition? [ ] Driving too far?
[ ] Personal Hygiene? [ ] Been out way too many days?

Complete the checklist for yourself. Be honest. Make sure all systems are GO today.

HAZARD TREE SAFETY

Hazard Tree Indicators:

- ➢ Trees that have burned
- ➢ Shallow tree root systems
- ➢ Dead & broken top trees
- ➢ Leaning or hung up trees

ANF IC3 Team Safety Officer: /s/ Steffen Fuller

ICS 205 - INCIDENT RADIO COMMUNICATIONS PLAN

CONTROLLED UNCLASSIFIED INFORMATION//BASIC

1. Incident Name:	2. Date/Time Prepared	3. Operational Period:
BOBCAT / BLUE	Date:	Date From: Date To:
	Time:	Time From: Time To:

4. Communications

Ch#	Function	Name	Assigned To	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
1	COMMAND	ANF ADMN T1	ALL DIVS	173.7750	CSQ	164.8750	110.9 (T1)	Mt Waterman
2	COMMAND	ANF ADMN T2	ALL DIVS	173.7750	CSQ	164.8750	123.0 (T2)	Santiago Peak
3	COMMAND	ANF ADMN T3	ALL DIVS	173.7750	CSQ	164.8750	131.8 (T3)	Mt Hawkins
4	COMMAND	ANF ADMN T5	ALL DIVS	173.7750	CSQ	164.8750	146.2 (T5)	Table Mt
5	COMMAND	ANF ADMN T7	ALL DIVS	173.7750	CSQ	164.8750	167.9 (T7)	Josephine Peak
6	COMMAND	ANF ADMN T9	ALL DIVS	173.7750	CSQ	164.8750	100.0 (T9)	Pine Mountain
7	TACTICAL	R5 T-4	WILSON	166.5500	CSQ	166.5500	None	
8	TACTICAL	R5 T-6	BLUE	168.2375	CSQ	168.2375	None	
9	TACTICAL	NIFC T5	UNASSIGNED	166.7250	CSQ	166.7250	None	
10	TACTICAL	NIFC T1	UNASSIGNED	166.7250	CSQ	166.7250	None	
11	TACTICAL	NIFC T3	REPAIR	166.7250	CSQ	166.7250	None	
12	TACTICAL	NIFC T2	INITIAL ATTACK	168.2000	CSQ	168.2000	None	INITIAL ATTACK ONLY
13	AIR TO GROUND	A/G-59	ALL DIVS	169.1125	CSQ	169.1125	None	INITIAL ATTACK ONLY
14	AIR TO GROUND	A/G	Air to Ground	168.4000	CSQ	168.4000	None	
15	MEDICAL	CALCORD	ALL DIVS	156.0750	156.7 (T6)	156.0750	156.7 (T6)	
16	EMERGENCY	AIR GUARD	ALL DIVS	168.6250	CSQ	168.6250	110.9 (T1)	INCIDENT WIDE
17								
18								
19								
20								

5. Special Instructions

6. Prepared by (Communications Unit Leader): Name: ERIC DUNNICK 619-339-8150	/s/ Eric Dunnick *Edit BLUE TAC /s/Sean Wolf
ICS 205 - CONTROLLED UNCLASSIFIED INFORMATION//BASIC NIMS IAP	Date/Time: 10/17/20 2300

READ MESSAGE

I. GENERAL SUPPRESSION REPAIR GUIDELINES

A. NON-NATIVE WEED CONTROL
Russian Thistle, Spanish Broom, and other populations of invasive weeds are a resource concern. Weed washing equipment before moving to the next site for repair can reduce the spread of invasive weeds. During fire suppression repair, all berms and dozer piles should be pulled back on the line to mitigate the spread of weed seeds from the line into native vegetation.

B. HELISPOTS, HELIPORTS, SAFETY ZONES, DROP POINTS, and OTHER CLEARINGS
All clearings constructed to support suppression activities should be returned as closely to pre-incident conditions as is possible. At a minimum, berms will be pulled or raked back into the site. In some cases, chunking (mixing soil with brush), berming or other barriers may be used in combination with the above techniques to prevent access for unauthorized OHV use. This will be determined as the need arises.

C. ARCHAEOLOGICAL SITES
Archaeological sites have been identified by the forest archeologists, Joana Huckabee and David Peebles. There are no immediate risks to existing features with current incident suppression activities. Any impacts to archaeological sites will be evaluated and mitigated on a case-by-case basis during and after suppression measures.

D. RIPARIAN AREAS
Any impacts to streams or riparian corridors will be evaluated and mitigated individually prior to repair implementation. Additional measures may be required and will be determined by a hydrologist. Suppression repair efforts are to avoid irreparable long-term damage to riparian ecosystems and aquatic habitats. Areas will be flagged for avoidance using orange flagging; repair groups will be instructed to stop repair efforts within these identified areas and track through the existing area of disturbance so as not to cause further site disturbance or impact T/E species. Repairs shall be done to minimize impacts to water quality, flood plains, reduce sedimentation into stream channels, maintain riparian vegetation and to ensure flow and functionality of riparian corridor.

II. SUPPRESSION REPAIR

A. ROADS

- Existing dirt surfaced roads used for access will be returned as close to pre-incident condition as possible. This will be accomplished by pulling any significant amounts of side cast material back onto the road, watering and compacting the road surface with a road grader after dozers and excavators have completed their work.
- Existing roads that are closed but reopened for current incident use will be returned as close to the designated pre-incident use level as possible. This may include repairing and/or repairing the original erosion control structures, drainage features (culverts/mac drains), cleaning and improving ditches and blocking the entrance to roads.
- Additional mitigations of suppression impacts to National Forest roads will be determined and directed by the Forest Engineer or designee.

READ MESSAGE

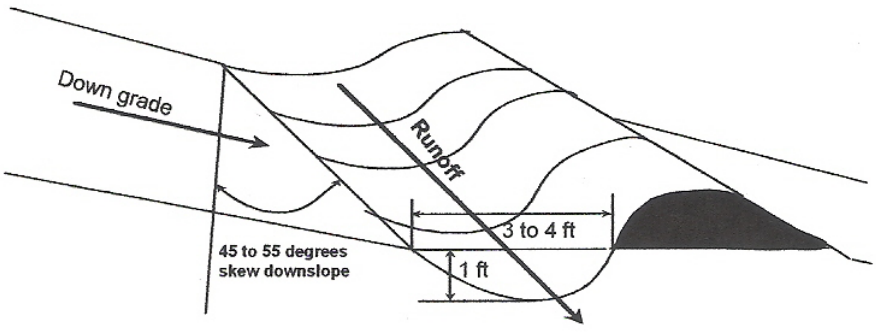
B. DOZER LINES:

- Dozer lines intersecting with existing roads should be blocked to minimize potential OHV impacts, using barriers such as post and cable, rip rap, etc. In some cases, chunking may be used in to prevent access for unauthorized OHV use.
- 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.
- Waterbars are to be built on slopes greater than 5 percent and the outlets should drain into green whenever possible.
- Waterbars will consist of a minimum of a 12 inches 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).
- Angle waterbars approximately 30 degrees downslope from horizontal in the natural direction of the force of water off the slope (not the dozer line). The downslope end/outlet of each waterbar must be open and clear of obstructions and should discharge into the green if present.
- Utilize and or improve natural rolls and dips to divert the flow of water whenever possible.
- Hand crews may be used to construct waterbars on slopes greater than 50% (when there is little to no rocks) or in areas too hazardous for safe equipment operation, or in areas where equipment use may further impact environmentally sensitive areas.
- When dozer lines follow a ridge with no visible 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, except where doing so may impact downslope resources or infrastructure (i.e. roads/trails).
- Remove all trash and equipment associated with suppression activities and mechanized equipment maintenance.

Table 1. WATERBAR SPACING

Gradient	Waterbar spacing
1% - 9%	100 ft.
10% - 19%	75 ft.
20% - 30%	50 ft.
>40%	25 ft.

Figure 1. WATERBAR SPECIFICATIONS



READ MESSAGE

HAND LINES:

- Once suppression containment activities have been achieved, hand lines intersecting environmentally sensitive areas, roads, designated trails, and OHV routes would be repaired. This will include water-barring, pulling berms, and slashing one hundred feet from the point of intersection, or the distance visible from the road or trail, whichever is greater.
- Waterbars for hand lines should be cut to a depth equal to the width of a standard fire shovel.
- Waterbars should be angled downslope from horizontal (approximately 15 to 20 degrees) and natural direction of the force of water off the slope (not the hand line).
- The downslope end/outlet of the waterbar MUST be open and clear of obstructions and should discharge into green when feasible.
- 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.
- Utilize and/or improve natural rolls and dips whenever possible.
- In some cases, chunking or berming may be used in combination with the above techniques to prevent access for unauthorized OHV use.
- Remove all trash, equipment, and flagging.

III. SUPRESSSION REPAIR FOR WILDERNESS AREAS

Dozer line Z18-Z20 was constructed within Pleasant View Ridge Wilderness. The dozer line was 5300 ft. long with an average of 60 ft; approximately 7.3 acres. Vegetation was burned on both sides of the dozer line and there is little vegetation cover to pull back on the line. Because there is no vegetation on slopes for precipitation, waterbars are not appropriate. Instead, the objective is to keep the water on the ridgetop and allow it to infiltrate. To do so, the proposed treatment is to:

- Roughen surface areas that are less than 20% slope
- Chunk slopes greater than 20%
- Dozer lines intersecting with existing road should be blocked to minimize potential OHV impacts, using a high berm as a barrier and chunking to prevent access for unauthorized OHV use.

IV. SUPRESSION REPAIR FOR INVENTORIED ROADLESS AREAS (IRAs)

Dozer lines within existing IRAs should be repaired by pulling back berms and constructing effective waterbars (Table 1 and Figure 1). This process will reduce the long term aesthetic impacts to the land. Hand lines greater than five feet in width that are not black on both sides should have waterbars on slopes greater than 40% or key locations that would have downhill concerns or experience significant erosion.

<u>De-Berming and Re-Contouring</u>

- 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.

<u>Ridge Top Line Repair</u>

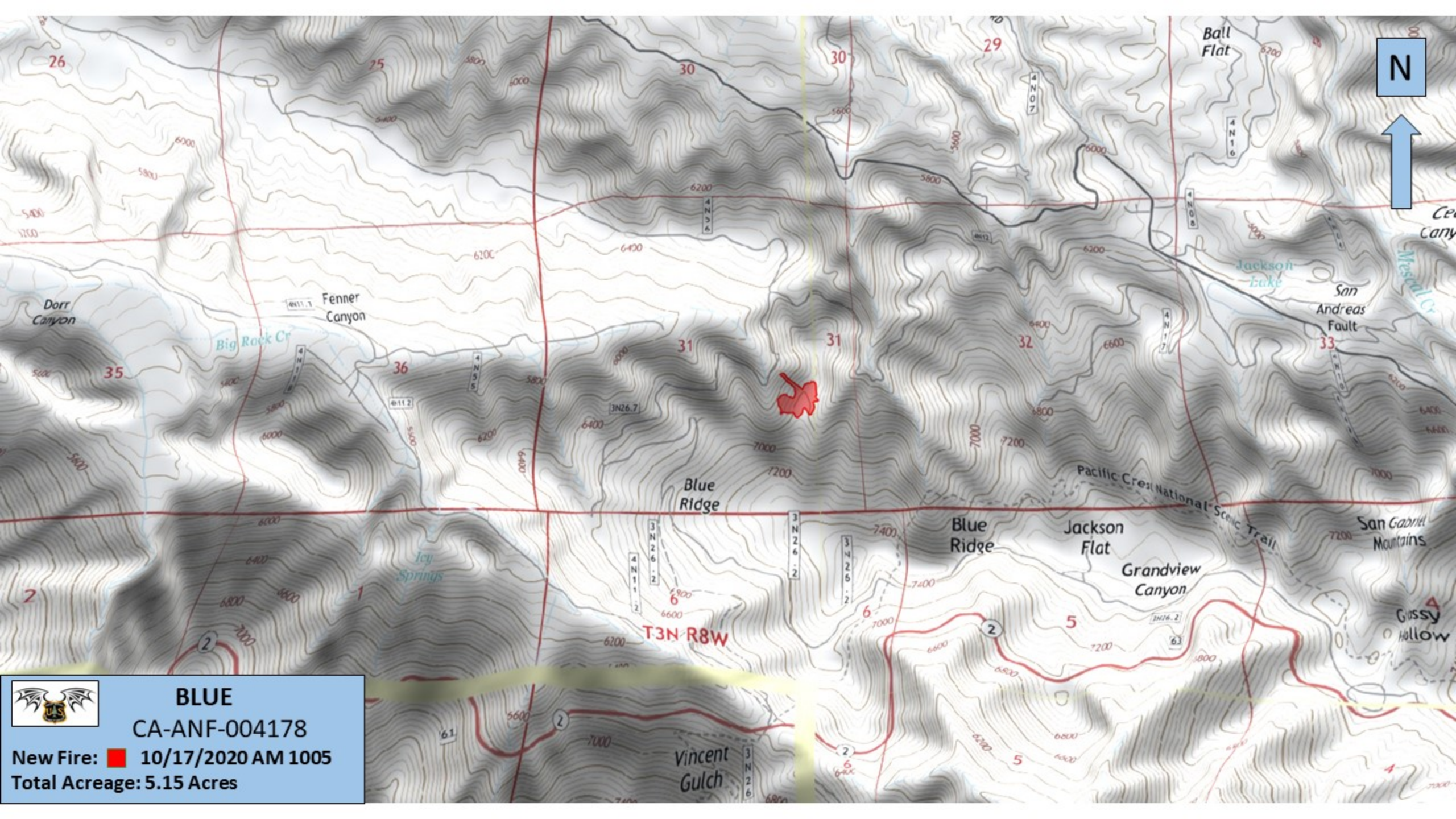
- When dozer lines follow a ridge where there is no vegetation on either side, or where there is unburned vegetation on both sides (indirect line), re-contouring and waterbars should be designed to divert water equally to both sides of the ridge, except where doing so will compromise downslope resources or infrastructure (i.e. roads/trails).

READ MESSAGE

V. SUPPRESSION REPAIR FOR TEHACHAPI RENEWABLE TRANSMISSION PROJECT (TRTP) BOTANICAL PLOTS

The following standards are intended to repair the TRTP botanical plot to a pre-incident condition. The forest may adjust the repair standards based upon further interdisciplinary team input into the most effective methods for repair of the site for long-term sustainability.

- Salvage top soils from berms using hand tools (shovels, rakes, and/or McLeods) or mechanized equipment, depending on amount of material to be moved.
- Recontour site and de-compact soil using an excavator. Site will be watered until saturated and be allowed to sit one day. On the next day, the excavator will take buckets of soil, pick them up and drop them in a chunking manner. Once that has happened no one will walk or use any equipment over the surface until hydroseeding has occurred.
- Replace damaged straw wattles as needed. Consult with Forest Botanist and Hydrologist to determine location and installation techniques.
- Repair damaged PVC pipe gravity fed irrigation system. Consult with ANF botanist or designated specialist for additional guidance regarding assembly and installation. Approximately ten 1" and ¾" PVC pipes that were impacted should be replaced.
- Restoration site will need to be reseeded and hydroseeded. Native seed will need to be collected onsite and reseeded. There will need to be hydroseeded with a 2 cycle process. Seed will be spread first and then hydromulch will be spread over seed. As a final step, area will be watered in.
- Site will need to be weeded once per month for two years.
- Additional mitigation measures may be needed if site does not recover.


N
Ball Flat
Dorr Canyon
Fenner Canyon
Big Rock Cr
Blue Ridge
Icy Springs
Jackson Lake
San Andreas Fault
Pacific Crest National Scenic Trail
Blue Ridge
Jackson Flat
Grandview Canyon
San Gabriel Mountains
Gassy Hollow
Vincent Gulch
T3N R8W
BLUE
CA-ANF-004178
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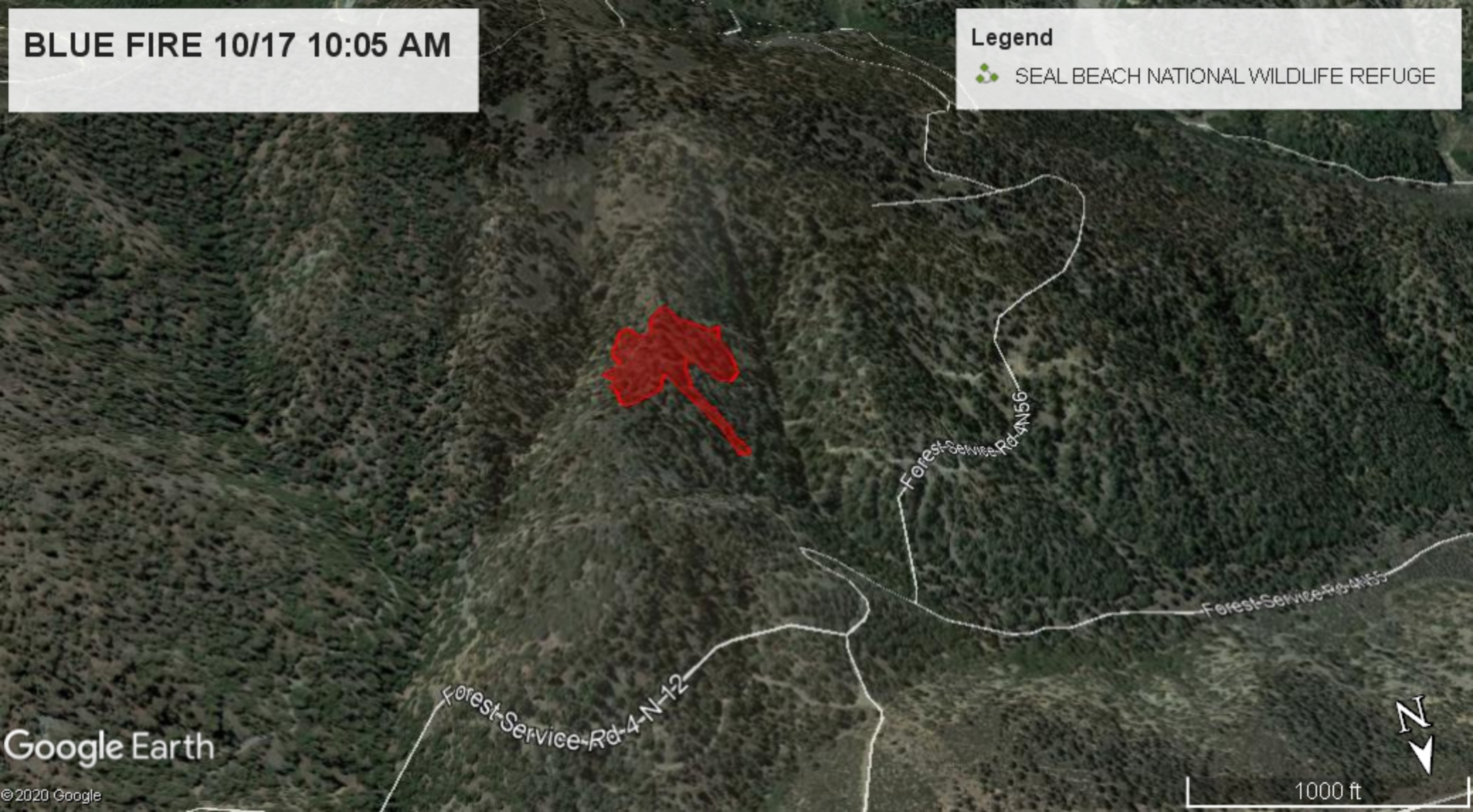
Total Acreage: 5.15 Acres


BLUE FIRE 10/17 10:05 AM
Legend
SEAL BEACH NATIONAL WILDLIFE REFUGE
Forest-Service-Rd-4N56
Forest-Service-Rd-4-N-12
Google Earth
© 2020 Google
N
1000 ft

MEDICAL PLAN (ICS 206 WF)

1. Incident Name	2. Operational Period
BOBCAT-BLUE	**EXTENDED**

3. EMS / Ambulance Services

Name	Location	Contact	Advanced Life Support (ALS) Yes	No
Los Angeles County Fire Department	**Responding from area Fire Stations**	**"Angeles"** *Utilize ANF Command*	**X**	

4. Air Rescue / Air Ambulance Services

Name	Contact	Type of Aircraft & Capability
Los Angeles County Fire Department	**"Angeles"** *Utilize ANF Command*	**Type II Helicopters ALS/ Hoist = 24hrs**

5. Hospitals (all times estimated from incident location)

Name & Level	GPS Datum – WGS 84 Degrees Decimal Minutes		Travel Time Air	Gnd	Phone	Helipad Yes	No	Address
Foothill Presbyterian	Lat:	N 34° 08.00	5 Mins	15 Mins	626-963-8411	X		250 S. Grand Ave. Glendora, CA
	Long:	W 117° 52.10						
Arcadia Methodist STEMI / Stroke	Lat:	N 39° 44.5	10 Mins	25 Mins	626-898-8000	X		300 W. Huntington Dr. Arcadia, CA
	Long:	W 121° 51.1						
Huntington Memorial Level 2 Trauma STEMI / Stroke	Lat:	N 34° 08.03	12 Mins	30 Mins	626-397-5000	X		100 W. California Blvd. Pasadena, CA
	Long:	W118° 09.13						
LAC-USC Medical Center Level 1 Trauma / Burn	Lat:	N 34° 03.45	15 Mins	40 Mins	323-226-2622	X		2051 Marengo St Los Angeles, CA
	Long:	W 118° 12.48						
Antelope Valley Hospital Level 2 Trauma STEMI / Stroke	Lat:	N 34° 41.28	15 Mins	40 Mins	661-723-7169	X		1600 W Ave. J Lancaster, CA
	Long:	W 118° 09.52						
Desert Valley Hospital STEMI	Lat:	N 34° 28' 18.3	20 Mins	50 Mins	760-843-5013	X		16850 Bear Valley Rd. Victorville, CA
	Long:	W 117° 17' 48.5						

6. Division / Crew Emergency Pre-Plan

Fireline EMT / Medic's Division / Branch Location	
Air Hoist site location site: Lat: / Long: / Elevation:	
Helispot: Lat: / Long: / Elevation:	

7. Prepared By (Medical Unit Leader)	8. Date/Time	9. Reviewed By (Safety Officer)	10. Date/Time
/s/ Erik Nelson, MEDL /s/ Nick Colonelli, MEDL	**10/05/20 1600**	**/s/ Tom Sherman, SOF2 /s/ Tom Marshal, SOF2 /s/ John Bates, SOF2**	**10/05/20 1600**

MEDICAL PLAN (ICS 206 WF)

Medical Incident Report

FOR A NON-EMERGENCY INCIDENT, WORK THROUGH CHAIN OF COMMAND TO REPORT AND TRANSPORT INJURED PERSONNEL AS NECESSARY.

FOR A MEDICAL EMERGENCY: IDENTIFY ON SCENE INCIDENT COMMANDER BY NAME AND POSITION AND ANNOUNCE "MEDICAL EMERGENCY" TO INITIATE RESPONSE FROM IMT COMMUNICATIONS/DISPATCH.

Use the following items to communicate situation to communications/dispatch.

1. CONTACT COMMUNICATIONS / DISPATCH (Verify correct frequency prior to starting report)
Ex: "Communications, Div. Alpha. Stand-by for Emergency Traffic."

2. INCIDENT STATUS: *Provide incident summary (including number of patients) and command structure.*
Ex: "Communications, I have a Red priority patient, unconscious, struck by a falling tree. Requesting air ambulance to Forest Road 1 at (Lat./Long.) This will be the Trout Meadow Medical, IC is TFLD Jones. EMT Smith is providing medical care."

Severity of Emergency / Transport Priority	☐ **RED / PRIORITY 1 Life or limb threatening injury or illness. Evacuation need is IMMEDIATE** *Ex: Unconscious, difficulty breathing, bleeding severely, 2º – 3º burns more than 4 palm sizes, heat stroke, disoriented.* ☐ **YELLOW / PRIORITY 2 Serious Injury or illness. Evacuation may be DELAYED if necessary.** *Ex: Significant trauma, unable to walk, 2º – 3º burns not more than 1-3 palm sizes.* ☐ **GREEN / PRIORITY 3 Minor Injury or illness. Non-Emergency transport** *Ex: Sprains, strains, minor heat-related illness.*	
Nature of Injury or Illness & Mechanism of Injury		*Brief Summary of Injury or Illness (Ex: Unconscious, Struck by Falling Tree)*
Transport Request		*Air Ambulance / Short Haul/Hoist Ground Ambulance / Other*
Patient Location		*Descriptive Location & Lat. / Long. (WGS84)*
Incident Name		*Geographic Name + "Medical" (Ex: Trout Meadow Medical)*
On-Scene Incident Commander		*Name of on-scene IC of Incident within an Incident (Ex: TFLD Jones)*
Patient Care		*Name of Care Provider (Ex: EMT Smith)*

3. INITIAL PATIENT ASSESSMENT: *Complete this section for each patient as applicable (start with the most severe patient)*

Patient Assessment: See IRPG PAGE 106

Treatment:

4. TRANSPORT PLAN:

Evacuation Location (*if different*): (*Descriptive Location (drop point, intersection, etc.) or Lat. / Long.*) Patient's ETA to Evacuation Location:

Helispot / Extraction Site Size and Hazards:

5. ADDITIONAL RESOURCES / EQUIPMENT NEEDS:

Example: Paramedic/EMT, Crews, Immobilization Devices, AED, Oxygen, Trauma Bag, IV/Fluid(s), Splints, Rope rescue, Wheeled litter, HAZMAT, Extrication

6. COMMUNICATIONS: Identify State Air/Ground EMS Frequencies and Hospital Contacts as applicable

Function	Channel Name/Number	Receive (RX)	Tone/NAC *	Transmit (TX)	Tone/NAC *
COMMAND					
AIR-TO-GRND					
TACTICAL					

7. CONTINGENCY: ***Considerations:*** ***If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead.***

8. ADDITIONAL INFORMATION: *Updates/Changes, et c.*

REMEMBER: Confirm ETA's of resources ordered. Act according to your level of training. Be Alert. Keep Calm. Think Clearly. Act Decisively.

UNIT LOG (ICS 214)

1. Incident Name:	2. Operational Period:	Date From:		Date To:	
BOBCAT / BLUE		Time From:		Time To:	

3. Unit Name/Designators	4. Unit Leader (Name and ICS Position)

5. Personnel Assigned/Designators

NAME	ICS POSITION	HOME BASE

6. Activity Log (Continue on Reverse)

TIME	MAJOR EVENTS

7. Prepared By:	Date/Time:	

UNIT LOG CONT. (ICS 214)

1. Incident Name:	2. Operational Period:	Date From:		Date To:	
BOBCAT / BLUE		Time From:		Time To:	

6. Activity Log

TIME	MAJOR EVENTS

7. Prepared By: Date/Time: