

# Tres Lagunas Fire

## Incident Action Plan

New Mexico State Forestry &  
Santa Fe National Forest, Pecos Ranger District  
NM-N4S-000070  
PNHH9A (1502) [P]



Saturday June 8, 2013

Day Shift  
(0600 - 2000)

New Mexico Incident Management Team



John Pierson, IC

<b>Incident Objectives</b>	1. Incident Name	2. Date Prepared	3. Time Prepared
	TRES LAGUNAS	06/07/13	2100

4. Operational Period  
06/08/13 Saturday Day Shift 0600 - 2000

5. General Control Objectives for the incident (include alternatives)

Assure the safety of incident personnel and the public by providing clear leader's intent and application of safety principles/procedures.

Establish anchor points to protect the Gallinas and Santa Fe watershed while also providing for structure protection. Protect area watersheds to the extent possible.

Maintain clear communications with local, state, and private entities by providing timely and accurate information.

Manage the fire to minimize impacts to natural and cultural resources, wild and scenic river values and man-made improvements by using appropriate suppression strategies and tactics.

Keep costs commensurate with values at risk.

Provide for protection of endangered species protection zones identified on maps and through DIVS and OPS2.

Mitigate smoke impacts to surrounding communities.

6. Weather Forecast for Period

See attached Weather Forecast

7. General Safety Message

See attached Safety Message

8. Attachments (mark if attached)		
<input checked="" type="checkbox"/> Organization List - ICS 203	<input type="checkbox"/> Incident Map	<input checked="" type="checkbox"/> Human Resources/Training
<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Safety Message	<input checked="" type="checkbox"/> Rehab Plan
<input checked="" type="checkbox"/> Communications Plan - ICS205	<input checked="" type="checkbox"/> Traffic Plan	<input checked="" type="checkbox"/> ICP Phone List
<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> Incident within an incident	<input checked="" type="checkbox"/> Incident Replacement
<input checked="" type="checkbox"/> Air Operations Summary - ICS 220	<input checked="" type="checkbox"/> Resource Considerations	<input type="checkbox"/>

9. Prepared by (Planning Section Chief) Robert Cordts <i>Wayne A. Bellus</i>	10. Approved by (Incident Commander) John Pierson <i>[Signature]</i>
---	---

ORGANIZATION ASSIGNMENT LIST		9. Operations Section	
1. Incident Name TRES LAGUNAS		Day	ELMORE, L.; VILLARD, J.
2. Date Prepared 06/07/13		3. Time Prepared 0649	Planning DELMERICO, P;WOFFINDEN,B (T)
4. Operational Period 06/08/13 Saturday Day Shift 0600 - 2000		<b>a. Branch I - Division/Groups</b>	
Position	Name	Division/Group	ALPHA/ZULU BADER, E; RUSSELL, C (T)
		Division/Group	BRAVO ROYBAL, M; WARD, R (T)
		Division/Group	CHARLIE ISACKSON, DAVID
		Division/Group	ECHO GALLEGOS, T;WATKINS, K (T)
		Division/Group	TANGO TEWA, D. ; HOUGHT, T. (T)
		Division/Group	INTIAL ATTACK FILBERT, MATT
		Group	SWING GROUP I & II I-MERCER, P; II-RUTTER, S.
<b>5. Incident Commander and Staff</b>		<b>b. Branch II - Division/Groups</b>	
Incident Commander	PIERSON, J.; SINCLAIR, A. (T)	Branch Director	MILLER, DARRELL
Deputy	NIETO, R.;PACHECO, P. (T)	Deputy	
Safety Officer	RAEL, DAN; KEMP, GARY (T)	Division/Group	UNIFORM MABERRY, TRAVIS
Information Officer	OTTAVIANO, D;ESTES, I (T)	Division/Group	WHISKEY CACHERO, M;HOLLEY, S (T)
Liaison Officer	BEATY, A.; COOKE, S. (T)	Division/Group	YANKEE HERKSHAN, E.;SAAVEDRA, Z (T)
<b>6. Agency Representative</b>		Division/Group	
Agency	Name	Division/Group	
UAFS	GARCIA, M.;ROMERO, S. (T)		
New Mexico State Forestry	QUAM, LINDSEY		
County Emergency Mgmt.	ENGLISH, DENNIS		
Resource Advisor	NELSON, ESTHER		
Resource Advisor	MUNOZ, JAMES		
<b>7. Planning Section</b>		<b>c. Branch III - Division/Groups</b>	
Chief	CORDTS, ROBERT	Branch Director	BURNHAM, RON
Deputy	ROBBIE, WAYNE	Deputy	
Resources Unit	SILVA, JIM;VIGIL, RUBINA	Division/Group	STRUCTURE I PINO, E.; NOZIE, N. (T)
Situation Unit	SIMON, J.; HICKERSON, J. (T)	Division/Group	STRUCTURE II MCKIBBIN, T.; SANDOVAL, M. (T)
Documentation Unit	THOMPSON, C.; BOSTWICK, P.(T)	Division/Group	
Demobilization Unit	PAUL, EDWIN	Division/Group	
Fire Behavior Analyst	ROESLER, GALEN	Division/Group	
Human Resource Specialist	MAES, JIM;MELCHOR, GINA (T)	<b>d. Air Operations Branch</b>	
Training Specialist	HUTCHINSON, ANN	Air Operations Branch Director	IRWIN, RANCE
GIS Specialist	PORTER, M ; ENGLISH, T.	Helibase Manager	YOUNG, GALEN
Computer Specialist	MARTINEZ, H; DAWSON, C	Air Attack Supervisor	ABEYTA; BEDDOW; HOUSLER (T)
Meterologist	WACHTER, B;MCKINNEY, C (T)	Air Support Supervisor	WEDIN, KENT
SOPL/LTAN/LTAN (T)	LINEBACK, B/NEWMAN, C/RAU, D (T)	Helicopter Coordinator	
<b>8. Logistics Section</b>		Air Tanker Coordinator	
Chief	WILLIAMS, DOUG	<b>10. Finance Section</b>	
Deputy	CATRON, MARK	Chief	SCHULTZ, DIANNA
Supply Unit	WILLIAMS, VALERIE	Deputy	
Facilities Unit	FOX, RUSSELL	Time Unit	GALLEGOS, WANDA
Ground Support Unit	ARMIJO, T. ; GUZMAN, M. (T)	Procurement Unit	LITTLECHIEF, JOCELYN
Communications Unit	VERNON, DEAN	Compensation/Claims Unit	MCCABE, G.; LOVATO, E. (T)
Medical Unit	LUND, M.; BACON, R. (T)	Cost Unit	CHAVEZ, CAROL
Security Unit	EDWARDS, STEVE	Prepared by (Resource Unit Leader)	
Food Unit	CARPENTER, JACK	Rubina Vigil ; Jim Silva	

## Fire Weather Forecast

FORECAST NO: 10

NAME OF FIRE: Tres Lagunas

PREDICTION FOR: Day SHIFT

UNIT: Pecos District Santa Fe N.F

SHIFT DATE: Saturday, June 8<sup>th</sup>

SIGNED: Chris McKinney/Brent Wachter

TIME AND DATE

Incident Meteorologist (T)/Incident Meteorologist

FORECAST ISSUED: 2130 MDT June 7<sup>th</sup>

---

### WEATHER DISCUSSION:

Drier and much warmer conditions this weekend as the dryline pushes east of the fire. Temperatures will be 5 to 10 degrees above normal values. Strong winds on the back side of the upper disturbance from Friday will bring stronger wind gusts than we have seen over the past few days. Expect very unstable conditions with gusty winds and low humidity. Near critical conditions with the best chance over higher ridge tops. Thunderstorm chances will be low, due to the drier air, but cannot rule out one or two dry thunderstorms or virga showers forming near the fire before moving east into more favorable conditions. On Sunday models continue to show another backdoor front moving into northeastern NM but it will not push nearly as far west as the previous event, and any increase in moisture across the fire area will be slight, with only a slight decrease in temperatures expected as a result. Hot and dry conditions expected next week.

---

### WEATHER FORECAST:

#### ...FIRE WEATHER WATCH TODAY FOR TRES LAGUNAS FIRE...

**WEATHER:** Mostly clear early becoming partly cloudy in the afternoon. Much warmer with afternoon temperatures 8-10 degrees above normal. Slight chance (10%) of a dry thunderstorm or virga shower impacting the fire area.

LAL: 1.5

**MAX TEMPERATURES:** 7500 ft: 82-85      8500 ft: 81-83      9500 ft: 74-78

**MIN HUMIDITY:**      7500 ft: 9-11%      8500 ft: 12-14%      9500 ft: 15-17%

#### 20 FT WINDS:

**RIDGETOP** - NNW 7-12 mph becoming NW late morning. Winds increase to NW 15-20 mph with gusts to 30 mph by early afternoon.

**SLOPE/VALLEY** - Light drainage in sheltered canyons early turning more upslope/upcanyon 4-7 mph after 0900. Increasing upvalley flows **battling** with WNW winds during the afternoon. Wind speeds 8-14 mph with gusts to 24 mph.

**HAINES INDEX:** Haines 5, becoming Haines 6 by late afternoon

**STABILITY/INVERSION:** Inversion breaking by 0930

Max Mix Height: 15000 ft AGL      Max Transport Wind: NW 22 kt

---

**OUTLOOK FOR SATURDAY NIGHT:** WX: Clearing skies

Min T: 44-50      Max RH: 40-50 %      Wind: NNW 8 to 12 mph becoming SE after midnight. Light drainage most areas.

---

### EXTENDED FORECAST:

	Max T	Min T	Min RH	Max RH	Wind	Highlights
Sun 9 <sup>m</sup>	68-80		14 -22%		WSW 8 -12 g 20 mph	Bump in RH possible/LAL 2
Mon 9 <sup>m</sup>	77-87	45-55	9-14%	30-40%	WSW 8 -13 g 24 mph	Well above normal temps
Tue 11 <sup>m</sup>	78-88	45-55	8-12%	30-40%	W 10 -15 g 24 mph	Nearly Super Haines

# FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 8	TYPE OF FIRE: <b>Wildfire</b>
FIRE NAME: <b>Tres Lagunas</b>	OPERATIONAL PERIOD: <b>6/8/13</b> Day/Swing
DATE ISSUED: <b>6/7/13</b>	TIME ISSUED: 21:00
UNIT: <b>Santa Fe NF</b>	SIGNED: <b>Galen Roesler (FBAN)</b>

## WEATHER SUMMARY:

**Sunny, very warm, and windy with low RH.**  
See attached weather forecast for detailed weather information

## FIRE BEHAVIOR

### GENERAL:

Despite some areas of the fire getting rain yesterday, fuels will dry very quickly with the predicted warm, dry, and windy weather. Last night's relative humidity recovery was not as good as the past couple of days. As a result expect fuels to dry out enough to burn well by afternoon - earlier where no rain fell.

Beginning today the trend is for warming and drying which will increase fire behavior potential and soon return fuel moistures in fine fuels to the critical levels of when this fire was running.

Dependent on available fuels expect fire behavior to progress from creeping and smoldering to low to moderate intensity surface fire as the fuels dry. With alignment short, intense, uphill runs with very active to extreme fire behavior could occur. Expect torching where sufficient ladder fuels exist.

With decreasing fine fuel moistures we need to be considering the possibility for problematic spotting. Rollout on steep slopes will continue to cause downhill spots. Watch for rollout into heavies to continue to cause spread between heavy fuels.

*BEHAVE outputs based on today's predicted weather:*

Mixed Conifer: Surface Forward Rate of Spread 14-31 ft/min, Flame Length 6-10 ft, Spotting Distance .8 miles

Ponderosa Pine: Surface Forward Rate of Spread 16-44 ft/min, Flame Length 4-7 ft, Spotting Distance .8 miles

### SPECIFIC:

Today's Probability of Ignition will range from 80-100%.

**Div B, C, and E:** This area still has a lot of residual heat. Fire behavior should become more active than yesterday with continued drying of fuels. Expect moderate to active fire behavior with torching and spotting possible.

**Div T, W, and U:** Expect to see increased fire behavior in areas that have not shown much life recently. Watch for spots toward the east with predicted wind direction.

**Div A/Z and Y:** Today's weather should allow you to find areas of heat that were not apparent before. Most fire will remain in heavy down fuels.

**Structure Groups:** The fire has cooled considerably near structures due to mop up and heavies burning out. Channeling and funneling of winds in canyon bottoms will affect your localized fire behavior.

**IA Group:** New starts today could produce aggressive fire behavior. Spotting will be a concern.

**Swing Shift:** Fire behavior will be similar to what is described above early in the shift diminishing in the night time hours. Heavies will burn through the night.

### AIR OPERATIONS:

No problems identified for air operations today.

### SAFETY:

Common Denominators of Fire Behavior on Tragedy Fires: 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. With unexpected shifts in wind direction or wind speed. 4. When fire responds to topographic conditions and runs uphill. **LCES**

<b>Division Assignment List</b>	1. Branch <b>I</b>	2. Division/Group <b>ALPHA / ZULU</b>
---------------------------------	-----------------------	--

3. Incident Name <b>TRES LAGUNAS</b>	4. Operational Period <b>06/08/13 Saturday Day Shift 0600 - 2000</b>
---	---

5. Operations Personnel			
Operations Chief	ELMORE, LANCE; VILLARD, JAMES	Division/Group Supervisor	BADER, ERIC; RUSSELL, CODY (T)
Operations Chief Planning	DELMERICO, P; WOFFINDEN, B (T)	Air Attack Supervisor	ABEYTA, D.; BEDDOW, T.; HOUSLER, W. (T)
Branch Director		Safety Officer	RAEL, DAN; KEMP, GARY (T)

6. Resources Assigned this Period					
Strike Team/Task Force/ Resource Designator	Leader	Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time
IWC #703 C-3	HENINGTON, BRIAN	26	N		ICP 2000
LOLO REGULARS T2IA C-26	UNSWORTH, TREVOR	20	N		ICP 2000
RED RIVER FIRE T2IA C-8	WILLIS, DAVID K	20	N		ICP 2000
ENG6 #41 NM STATE E-2	ALCON, CODY	3	N		ICP 2000
ENG6 #501 PECOS RD E-4	RIVERA, PETE	3	N		ICP 2000
ENG4 TALLAHASSEE E-110	JOHNSON, ERIK	3	N		ICP 2000
ENG6 #1632 E-26	COMISKEY, MICHEAL	3	N		ICP 2000
TFLD O-182	ARCHULETA, DARIO	1	N		ICP 2000
TFLD (T) O-46	LAMB, MICHAEL	1	N		ICP 2000
TFLD O-181	ROBINSON, SCOTT	1	N		ICP 2000
TFLD (T) O-242	GARCIA, RANDY	1	N		ICP 2000
EMTP E-104.1	GALLO, FRANK	1	N		ICP 2000
SOF2 O-94	JOHNSON, DANIEL	1	N		ICP 2000

7. Control Operations  
 Hold fire North of Indian Creek Road.  
 Hold and secure direct fire line and mop-up 100 feet in.

8. Special Instructions  
 Ensure LCES; Test communications and utilize human repeaters and air attack if needed.  
 Contact OPS prior to initiating any firing operations.  
 Notify planning OPS for resources and supply needs by 1400 for the next shift.  
 Treat powerlines as if HOT  
 Air Resources needs coordination thru DIVS who will contact Air Attack.  
 Provide GPS Coordinates of all pump locations to Situation Unit Leader

9. Division/Group Communications Summary							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command		SEE COMM PLAN					
Tactical Div/Group							
Logistics							
Air to Ground							

Prepared by (Resource Unit Leader) Jim Silva/Rubina Vigil	Approved by (Planning Section Chief) Robert Cordts	Date Prepared 06/07/13	Time Prepared 2200
--	---	---------------------------	-----------------------

<b>Division Assignment List</b>	1. Branch <b>I</b>	2. Division/Group <b>BRAVO</b>
---------------------------------	-----------------------	-----------------------------------

3. Incident Name <b>TRES LAGUNAS</b>	4. Operational Period <b>06/08/13 Saturday Day Shift 0600 - 2000</b>
---	---

5. Operations Personnel			
Operations Chief	ELMORE, LANCE; VILLARD, JAMES	Division/Group Supervisor	ROYBOL, MARVIN; WARD, RUSSELL (T)
Operations Chief Planning	DELMERICO, P; WOFFINDEN, B (T)	Air Attack Supervisor	ABEYTA, D.; BEDDOW, T.; HOUSLER, W. (T)
Branch Director		Safety Officer	RAEL, DAN; KEMP, GARY (T)

6. Resources Assigned this Period					
Strike Team/Task Force/ Resource Designator	Leader	Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time
CARSON IHC C-2	SACK, RICHARD	20	N		ICP 2000
SANTA FE IHC C-1	SIMPSON, DAVID M	20	N		ICP 2000
NAVAJO IHC C-5	BENALLIE, JOHNSON	20	N		ICP 2000
BLACK MESA IHC C-14	AUZA, FRANK	20	N		ICP 2000
DOZ2 BONNELL E-118	BONNELL, JAKE	2	N		ICP 2000
DOZ2 WILSON EXCAVATION E-119	WILSON, SHANE	1	N		ICP 2000
EXCAVATOR E-188	LOVATO, JOSIAH	2	N		ICP 2000
EXCAVATOR E-189	LOVATO, JAKE	2	N		ICP 2000
TFLD O-50	ATKINSON, ANDREW	1	N		ICP 2000
TFLD (T) O-69	HALL, SHANE	1	N		ICP 2000
HEQB O-156	SANCKI, JEFF	1	N		ICP 2000
HEQB O-155	HURTADO, ELIAS	1	N		ICP 2000
HEQB O-154	CHRISTOPHERSON	1	N		ICP 2000
SOF2 O-31	SMITH, TC	1	N		ICP 2000
EMTP O-67	MANDEVILLE	1	N		ICP 2000

7. Control Operations

Hold and secure direct fireline and Mop-up 100 feet in.

8. Special Instructions

Ensure LCES; Test communications and utilize human repeaters and air attack if needed.  
 Establish and communicate trigger points to all personnel. Contact OPS prior to initiating any firing operations.  
 Notify planning OPS for resources and supply needs by 1400 for the next shift.  
 Treat powerlines as if HOT  
 Air Resources needs coordination thru DIVS who will contact Air Attack.  
 Provide GPS Coordinates of all pump locations to Situation Unit Leader.

9. Division/Group Communications Summary							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command		SEE COMM PLAN					
Tactical Div/Group							
Logistics							
Air to Ground							

Prepared by (Resource Unit Leader) Jim Silva/Rubina Vigil	Approved by (Planning Section Chief) Robert Cordts	Date Prepared 06/07/13	Time Prepared 2200
--	---	---------------------------	-----------------------





<b>Division Assignment List</b>		1. Branch <b>I</b>		2. Division/Group <b>TANGO</b>			
3. Incident Name <b>TRES LAGUNAS</b>		4. Operational Period <b>06/08/13 Saturday Day Shift 0600 - 2000</b>					
<b>5. Operations Personnel</b>							
Operations Chief	ELMORE, LANCE; VILLARD, JAMES		Division/Group Supervisor	TEWA, DUANE; HOUGHT, TOBY (T)			
Operations Chief Planning	DELMERICO, P.; WOFFINDEN, B. (T)		Air Attack Supervisor	ABEYTA, D.; BEDDOW, T. ; HOUSLER, W. (T)			
Branch Director			Safety Officer	RAEL, DAN; KEMP, GARY (T)			
<b>6. Resources Assigned this Period</b>							
Strike Team/Task Force/ Resource Designator	Leader	Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time		
SMOKEY BEAR IHC C-7	DOLPHIN, RICHARD	20	N		Ridge Top Spike 2000		
GILA IHC C-6	REBBE, DEWEY	20	N		U Spike 2000		
MESCALERO #1 T2IA C-16	WHEELER, HARRY	19	N		Ridge Top Spike 2000		
ENG6 #642 E-17	WILLIAMS, MIKE	3	N		Ridge Top Spike 2000		
ENG6 #631 E-18	BARKER	3	N		Ridge Top Spike 2000		
ENG6 #654 E-62	MARTIN	3	N		Ridge Top Spike 2000		
ENG6 E- 60	DAW, PHILLIP	3	N		Ridge Top Spike 2000		
ENG6 #623 E-123	OLMSTEAD, GREG	3	N		Ridge Top Spike 2000		
ENG6 #461 E-122	GOSHORN, MARK	5	N		Ridge Top Spike 2000		
DO22 TRAMBLEY E-68	TRAMBLEY	1	N		Ridge Top Spike 2000		
DO22 LOVATO TRUCKING E-15	LOVATO	1	N		Ridge Top Spike 2000		
DO22 GARCIA EXCAVATION E-67	GARCIA, GERALD	1	N		Ridge Top Spike 2000		
WT2 E-132	WALLACE, RICHARD	1	N		Ridge Top Spike 2000		
WT1 E-173	PETERSON, PAUL	2	N		Ridge Top Spike		
READ O-165 / O-96	DICKS, A / EVANS, L	2	N		Ridge Top Spike		
DOZB O-20	O'DELL, AARON	1	N		Ridge Top Spike		
DOZB O-73	DENTON, CHARELEY	1	N		Ridge Top Spike		
TFLD O-90	KINGSLEY, AL	1	N		Ridge Top Spike		
EMTP O-68	CHINCHILLA, MATT	1	N		Ridge Top Spike		
SOF2 O-96	SCHOEFFLER, FRED	1	N		Ridge Top Spike		
<b>7. Control Operations</b> Provide structure protection to community South of FR 646. Burnout as necessary. Burnout unburned pockets as conditions allow. Hold and secure direct fireline and Mop-up 100 feet in.							
<b>8. Special Instructions</b> Ensure LCES; Test communications and utilize human repeaters and air attack if needed. Establish and communicate trigger points to all personnel. Contact OPS prior to initiating any firing operations. Notify planning OPS for resources and supply needs by 1400 for the next shift. Treat powerlines as if HOT Air Resources needs coordination thru DIVS who will contact Air Attack. Provide GPS Coordinates of all pump locations to Situation Unit Leader.							
<b>9. Division/Group Communications Summary</b>							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command		SEE COMM PLAN					
Tactical Div/Group							
Logistics							
Air to Ground							
Prepared by (Resource Unit Leader) Jim Silva/Rubina Vigil		Approved by (Planning Section Chief) Robert Cordts		Date Prepared 06/07/13		Time Prepared 2200	



<b>Division Assignment List</b>			1. Branch <b>I</b>		2. Division/Group <b>SWING GROUP I</b>		
3. Incident Name <b>TRES LAGUNAS</b>			4. Operational Period <b>06/08/13 Saturday Swing Shift 1200 - 0200</b>				
<b>5. Operations Personnel</b>							
Operations Chief		ELMORE, LANCE; VILLARD, JAMES		Division/Group Supervisor		MERCER, PRESTON	
Operations Chief Planning		DELMERICO, P; WOFFINDEN, B (T)		Air Attack Supervisor		ABEYTA, D.; BEDDOW, T.; HOUSLER, W. (T)	
Branch Director				Safety Officer		RAEL, DAN; KEMP, GARY (T)	
<b>6. Resources Assigned this Period</b>							
Strike Team/Task Force/ Resource Designator		Leader		Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time
<b>TWIN PEAKS T2IA C-24***</b>		JENNINGS, LYLE		21	N	<b>***SEE REMARKS</b>	
ENG6 #3062		RUIZ, RAY		3	N		JACKS SPIKE 0200
ENG6 SOUTHERN ROCKIES E-126		MARRUJO, AARON		3	N		JACKS SPIKE 0200
ENG6 (PECOS CANYON TBD)							JACKS SPIKE 0200
ENG6 (PECOS CANYON TBD)							JACKS SPIKE 0200
ENG6 #362 E-113		BOWER, BRETT		3	N		JACKS SPIKE 0200
ENG6 E-158		STONE, ARCHIE		3	N		JACKS SPIKE 0200
WT1 AURA VALLEY		LASSEN		2	N		JACKS SPIKE 0200
TFLD		VIGIL, REYNOLDS		1	N		JACKS SPIKE 0200
TFLD(T) O-243		ROBESON, JULIO		1	N		JACKS SPIKE 2000
SOF2 O-209		WARREN, LENNY		1	N		JACKS SPIKE 0200
EMTP E-105		RICHARDSON, CHRIS		1	N		JACKS SPIKE 0200
***REPORT TO DIV CHARLIE AT BEGINNING OF SHIFT.							
<b>7. Control Operations</b> Assist any Division to meet their needs for resources.							
<b>8. Special Instructions</b> Ensure LCES; Test communications and utilize human repeaters and air attack if needed. Contact OPS prior to initiating any firing operations. Treat powerlines as if HOT Provide GPS Coordinates of all pump locations to Situation Unit Leader.							
<b>9. Division/Group Communications Summary</b>							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command		SEE COMM PLAN					
Tactical Div/Group							
Logistics							
Air to Ground							
Prepared by (Resource Unit Leader) Jim Silva/Rubina Vigil			Approved by (Planning Section Chief) Robert Cordts			Date Prepared 06/07/13	Time Prepared 2200





<b>Division Assignment List</b>		1. Branch <b>II</b>		2. Division/Group <b>WHISKEY</b>			
3. Incident Name <b>TRES LAGUNAS</b>		4. Operational Period <b>06/08/13 Saturday Day Shift 0600 - 2000</b>					
<b>5. Operations Personnel</b>							
Operations Chief	ELMORE, LANCE; VILLARD, JAMES		Division/Group Supervisor	CACHERO, MIKE; HOLLY, STEVE (T)			
Operations Chief Planning	DELMERICO, PAUL		Air Attack Supervisor	ABEYTA, DARROLL; BEDDOW, THOMAS			
Branch Director	MILLER, DARRELL		Safety Officer	RAEL, DAN; KEMP, GARY (T)			
<b>6. Resources Assigned this Period</b>							
Strike Team/Task Force/ Resource Designator	Leader	Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time		
ATALAYA T2IA O-143	CHAVARRIA, PORFINIO	12	N		COW CREEK 2000		
RIFLEPEAK T2IA C-23	CAMPBELL, GERALD	20	N		COW CREEK 2000		
ENG3 SAN JUAN E-60	VECELLIO, CHAD	3	N		COW CREEK 2000		
ENG6 FARMINGTON E-61	GRINER, HEATH	3	N		COW CREEK 2000		
ENG6 DOUBLE D FIRE E-63	MOOMAU, MILT	3	N		COW CREEK 2000		
ENG4 #5462	THOMAS, MATT	5	N		COW CREEK 2000		
ENG6 COYOTE #100 E-149	OHLWEILER, ED	3	N		COW CREEK 2000		
DO22 SANCHEZ E-117	SANCHEZ, JOHN	1	N		COW CREEK 2000		
DO22 GALLEGOS E-121	GALLEGOS, STEPHEN	1	N		COW CREEK 2000		
DO22 USFWS E-116	BARTON, CODY	1	N		COW CREEK 2000		
HEQB O-151	LOAFING, TYKE	1	N		COW CREEK 2000		
TFLD O-91	TALLEY, PAT	1	N		COW CREEK 2000		
TFLD O-180	BALLEASKY, TROY	1	N		COW CREEK 2000		
TFLD (T) O-52	SAVAGE, JAMES	1	N		COW CREEK 2000		
EMT	COGILL, BOB	1	N		COW CREEK 2000		
HEQB O-152	HISLOP, MIKE	1	N		COW CREEK 2000		
HEQB O-153	GOODRICH	1	N		COW CREEK 2000		
EMTB E-102.1	VOITA, DAVID	1	N		COW CREEK 2000		
FOBS O-53	ATENCIO, SHANNON	1	N		COW CREEK 2000		
SOF2	OROSCO, ELMER/CORRAL, RAY(T)						
7. Control Operations : Keep fire West of FR 92. Prep and Fell snags along FR 92 and along indirect dozer line. If fire and fuel conditions pose threat to the security of perimeter, initiate burnout to reinforce 92 Road.							
8. Special Instructions Ensure LCES; Test communications and utilize human repeaters and air attack if needed. Establish and communicate trigger points to all personnel. Contact OPS prior to initiating any firing operations. Notify planning OPS for resources and supply needs by 1400 for the next shift. Aerial Firefighter use and effectiveness group will be monitoring retardant drops throughout the fire. Treat powerlines as if HOT. Air Resources needs coordination thru DIVS who will contact Air Attack.							
<b>9. Division/Group Communications Summary</b>							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command		SEE COMM PLAN					
Tactical Div/Group							
Logistics							
Air to Ground							
Prepared by (Resource Unit Leader) Jerry Sanchez/Jim Silva		Approved by (Planning Section Chief) Robert Cordts		Date Prepared 06/07/13		Time Prepared 2055	







# AIR OPERATIONS SUMMARY

Prepared By: R. Irwin Prepared Date: 06/07/13 Prepared Time: 2100  
 1. INCIDENT NAME Tres Lagunas OPERATIONAL PERIOD DATE: 06/08/13 START TIME: 0600 END TIME: 2000 SUNRISE: 0553 SUNSET: 2017

3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.):		4. MEDEVAC AIRCRAFT: H312 / LOBO 932		5. TFR 3/4211 A-42  center 35.42.57N X 105. 40.51W 7 Nautical miles  Altitude 13,600 MSL  TFR contact 118.150	
* Helicopter personnel to be briefed by helibase manager prior to missions: (1) Fly with lights on. (2) Maintain Good communication with other A/C, and ATGS to maintain separation. (3) Be aware of flight conditions that include, dense smoke, and high variable winds.  ** Ground personnel - avoid helicopter and fixed wing water and retardant drops. This includes approach and departure paths. Thanks for being safe and keep up the good work.		Special Notes:  Remember:  <b>Watch for Wires</b>  Except for protection of life or property, retardant needs to be 300' from a watercourse.		8. FIXED-WING Avail / Type/ Make-Model / FAA N# / Base(s) <b>AIRTANKERS: Albuquerque Airtanker Base</b>  Airtankers, Lead planes available through Santa Fe Dispatch.  Airtankers, leads, ATGS platforms located Santa Fe Airport  Air Tactical Platforms  96G C-340 Darroll Abeyta 616 C-340 Tom Beddow  Wendall Housler ATGS (t)  Water Tender Santa Fe Airport E-22	
6. PERSONNEL	NAME	Phone #	7. FREQUENCY	AM	FM
AOBD	Rance Irwin	505-362-7027			
AOBD (t)	Galen Young	575-574-8720			
ASGS	Kent Wedin	575-538-1075			
HEB1 Santa Fe Airport	Mike Gowey	928-245-8786	Air to Air Air to Air	118.150 124.025	F/W Rotor
HEB2 (t)	Jackie Heesacker		WEST A/G EAST A/G		166.6750 169.1500
MRB 35.35.873 x 105.40.250			Air Guard		168.625 Tone 110.0
ICP Helibase 35.31.954 x 105.40.480			Deck		163.100

9. HELICOPTERS (Use Additional Sheets As Necessary)

FAA #	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS	FAA #	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS
H-312	3	Astar B3	ICP Helibase	0700	0730		Lobo 932	1	Blackhawk	Santa Fe	0700		Medivac/ Hoist
HT-716	1	CH-54	Santa Fe	0700	0730		Ht-749	1	S-64	Santa Fe	0700	0730	
HT-737	1	S-64	Santa Fe	0700	0730								
H-9RH	1	Kamax	ICP Helibase	0700	0730								
H-318	2	B-205++	ICP Helibase	0700	0730								

10. TASK/MISSION/ASSIGNMENT (Type/Function includes: Air Tactical, Retardant, Recon, Personnel Transport, Water Dropping, S&R, etc.)

TYPE/FUNCTION	NAME OF PERSONNEL OR CARGO (if applic) OR INSTRUCTIONS FOR TACTICAL AIRCRAFT	MISSION AVAIL.	FLY FROM	FLY TO
Air Tactical	Available coverage by ATGS.	0700	Santa Fe	Fire
Retardant Drops	Div Sup to ATGS as approved by ops.	0900	Santa Fe	Fire
Water Drops/Retardant	Div Sup to ATGS as approved by ops.	0730 0800	Santa Fe ICP Helibase	Fire
Medevac	Crew Boss---- contact Div. Sup.----- contacts Air Attack for fly out medivacs			
Recon	As needed and approved by operations.			
GPS Format	For Aviation purposes utilize DEGREES MINUTES, DECIMAL MINUTES Datum WGS84			
Helicopter Priorities	T-1 spot fire east of Holy Ghost Canyon- Div E support for holding concerns on all other Div. T-2 support for holding concerns on all Div. T-3 Recon for Ops & Div.			
220-ICS (2/99) PAGE 2 OF 2	AOBD <u>Rance Irwin</u> 			

Incident: Tres Lagunas Fire	Date: June 8, 2011	Shift: Day and Swing 0600 - 2000
--------------------------------	-----------------------	-------------------------------------



## **SAFETY MESSAGE**

*Fire fighter safety comes first on every fire, every time*



<b>MAJOR HAZARDS AND RISKS</b>		
<ul style="list-style-type: none"> <li>• Driving</li> <li>• Extreme Conditions</li> <li>• Snags</li> </ul>	<ul style="list-style-type: none"> <li>• Mopup</li> <li>• Air Operations</li> <li>• Crew Fatigue</li> </ul>	<ul style="list-style-type: none"> <li>• Dehydration</li> <li>• Steep Rough Terrain</li> <li>• Base and Camp Hygiene</li> </ul>

### **Hydration**

**Contributing Factors:**

Long hours    High Elevation 9500-10000 feet    Hot dry weather    Cool night and morning temperatures  
 Extreme sunshine    Radiant heat and smoke    Walking, climbing, stooping, bending, standing, pulling

In order to maintain a healthy body temperature, a firefighter working physically hard needs to evaporate about 1 liter of sweat during each hour of work.

### **Dehydration is Avoidable but, You must hydrate before, during, and after work**

Before work you should take extra fluids to prepare for the heat. Drink 1-2 cups of water, juice or sports drink. During the day, drink at least 1 quart of fluid per hour. Drink as much as you can during the lunch break. After work, it is important to continue drinking to replace fluid losses. Thirst underestimates a bodies needs.

Rehydration is enhanced with fluids containing sodium and potassium (ie Sports Drinks) and food you consume. Potassium rich foods include bananas, citrus fruits, lemonade, orange juice, and tomato juice. Don't overdo sodium ( salt) intake. Salt impairs temperature regulation.

### **Recommended mix is 3:1 water to sports drinks**

You can assess your hydration by observing the volume, color, and concentration of your urine.

The urine of a hydrated firefighter is wheat colored.

Low volumes of dark, concentrated urine, or a painful urination indicate a serious need for rehydration. Continuing to work in a dehydrated state can lead to serious consequences including heat stroke, muscle breakdown and kidney failure.

### **IRPG Guide \_ Red page 45 for list of Heat Related Injuries and Symptoms**

Take care of yourself and watch out for your fellow firefighters.

<b>Line Safety Officers</b>	<b>Team Safety Officers</b>
Daniel Johnson, TC Smith, Fred Schoeffler, Bill Kornrumpf, Elmer Orosco, Ray Corral (t), Lenny Warren	Daniel Rael, Gary Kemp (t)
	Date & Time Prepared 060713 2130



New Mexico Incident Management Team

LCES Analysis of Tactical Actions - ICS 215A

Incident Name: Tres Lagunas		Date: 06.08.13 Saturday										Operational Period: Day shift 0600-1800, Swing Shift 1200 -0200			
DIVISIONS / GROUPS															
TACTICAL HAZARDS	All DIV	A/Z	B	C	E	T	U	W	Y	Str 1	Str II	Swing	LCES MITIGATION		
Driving	X												Drive defensively with lights on, seatbelts fastened. Watch for wildlife on highway ROW at dusk and dawn. Keep windshield clean. Use chock blocks. Maintain LCES.		
Downhill/Indirect Fireline			X	X	X	X	X					X	Follow downhill line standards IRPG p8. Ensure line is anchored. Maintain LCES. Ensure lookout can see entire area. Use ATGS as lookout when available.		
Mid-slope/Underslung Fireline	X												Build Cup trench as needed. Post lookout that can see all areas of line construction. Monitor Wx and Fire Behavior. Maintain LCES.		
Extreme Conditions (Spotting, Wind)													Know current and expected Wx and Fire Behavior. Identify trigger pointsof engagement and make them known. Maintain LCES.		
Unburned Fuels and Reburn Potential	X									X	X		Ensure line is anchored. Know current and expected Wx and Fire Behavior. Identify areas, make them known. Maintain LCES. IMET to broadcast Wx changes.		
Firing Operations				X		X				X	X		Develop burn plan for Complex burns. Give complete briefings on assignments, firing sequence and crew spacing.. Maintain LCES.		
Span of Control													Maintain proper supervisor ratio. Order additional resources as needed.		
Heavy Equipment		X	X			X	X	X					Utilize equipment bosses. Maintain contact with operators. Stay clear of heavy equipment. Be aware of loose soil and rocks. Maintain LCES.		
Air Operations / Multi-Aircraft	X												Maintain good communication with ATGS and pilots. Ensure all personnel are at least 500 feet from bucket or retardant drops. Maintain LCES.		
Hazard trees/Snags	X												Assess, Identify, Communicate, Isolate. (IRPG pg 20). Watch for wind shifts. Maintain LCES.		
Hazardous Materials						X				X	X	X	Utilize the Incident Response Pocket Guide page 26. Identify, mark and avoid Hazmat situations. Maintain LCES. Use HAZMAT teams.		
Mopup	X												Utilize required PPE. Brief on Common Denominators of Fatality Fires. Use extra caution in areas with ash pits. Maintain LCES.		
Transportation greater than 1 hour												X	Limit shifts to 14 hours. Maintain 2:1 work to rest ratio. Consider spike camps.		
Communication	X												DO NOT engage unless effective communications exist. Identify dead spots and report to Com unit. Use human repeaters as needed. Only use assigned frequencies. Know Leaders Intent. Maintain LCES.		
Weather Conditions	X												Weather observations taken by crews and given to IMET. IMET to broadcast changes in Wx conditions.		
Environmental Hazards	X												Discuss local wildlife, livestock and vegetation hazards (ie bears, snakes, bees, cattle, cactus, poison oak) Do not harass or instigate any confrontation with animals. Identify and flag hazards. Identify location of nearest medical assistance.		
Powerline Hazards		X			X					X	X	X	Locate and avoid high voltage powerlines. Consider all power lines as energized. Contact power company to deactivate line if needed. (IRPG pg. 22)		
Structure Protection		X				X				X	X	X	Follow Structural Watch Outs IRPG pgs 10-14. Identify electric/ gas lines, propane tanks and storage sheds. Park vehicles for egress and keep roads/access clear.		
Base/Spike Camp				X	X	X	X	X	X	X		X	Ensure daily briefing is conducted and IAP's are delivered. Maintain personal hygiene. Wash hands before each meal.		
Transfer Of Command												X	Know who your supervisor is, establish communications and leaders intent before engaging.		
Mines						X							Identify, Flag and Avoid areas with current or historical Mining activity. Inform supervisor and others of hazards such as open shafts or tunnels.		
Thunderstorm	X												Review IRPG pg 19 for thunder		
Operations Section Chief: J Beard, L Elmore, P.Delmerico		Date / Time prepared:										Safety Officer: D. Rael, G.Kemp (t)		Date / Time Prepared: 06.07.13	

## Incident within an Incident Checklist and Initial Action (June 6, 2010)

Purpose: The purpose of this checklist is to provide guidelines to initiate an orderly action on an emergency within the responsibilities delegated to the New Mexico Incident Management Team on this incident. This checklist is designed as a tactical approach as an initial action and part of this Incident Action Plan. The Incident Commander may approve subsequent actions that address additional needs due to the nature of the emergency.

Direction from the Incident Commander:

- The nearest Operations Chief, Division Supervisor or highest qualified overhead on scene will initially be the **POINT OF CONTACT** for the emergency.
- Radio Communication will be on that division's tactical frequency, unless otherwise designated by the Operations Chief and will take priority over other radio traffic.
- The involved Division will communicate with Communications "on Command"
- Names of injured or deceased individuals will not be given over the radio. Use of crew names or designators should be limited. Deceased individuals and their equipment are not to be moved, except to accomplish rescue work or to protect the health and safety of others.

### **OPERATIONS CHIEF, DIVISION SUPERVISOR, OR HIGHEST QUALIFIED OVERHEAD**

- Communications will be informed of the on-scene **POINT OF CONTACT** by position/last name (i.e. Task Force Leader - Smith, Facilities Unit Leader - Jones)
- Size-up emergency: nature, number of people, medical condition, details of aircraft or vehicles involved, location, medical treatment and transportation needs, law enforcement, rescue or hazmat response needs.
- Communicates size-up to Operations Section Chief
- Coordinates line EMT & Paramedic response and communications for air-medical and/or ground transportation needs and with the Medical Unit.
- Remove all unnecessary personnel from the site.

### **AIR ATTACK SUPERVISOR**

- Obtain Coordinates of location and Coordinate air-medical response.
- Assists designated **POINT OF CONTACT** in coordinating the emergency response.

### **SAFETY OFFICER**

- Responds to scene after coordination with the designated Operations supervisor.
- Assesses and recommends investigative responses and critical incident stress response.
- IMT Safety Officer in coordination with the Medical Unit Leader will identify and prioritize transport options in terms of efficiency.

### **COMMUNICATION UNIT LEADER**

- Maintains clear radio traffic and monitors communications to support response.
- Immediately Notify Medical Unit Leader and Safety Officer.
- Notify IC, Deputy IC, Operations Chief and the Plans Chief of the emergency.

### **MEDICAL UNIT LEADER**

- Coordinate with Operations to support the response.
- Assign a MEDL to the scene. Assign other positions to support the response, as needed.
- Constantly monitor and assess the appropriate response in coordination with Operations.

### **IC, COMMAND & GENERAL STAFF**

- Manage the emergency and direct specific responsibilities to individual positions for a continued appropriate response.
- Notify the host unit and host dispatch center of the size-up information.
- Constantly monitor and assess the appropriate response and adapt direction, as needed.
- Submit all documentation pertaining to the emergency to the Plans Chief.

3. Basic Radio Channel Utilization						
Radio Type	Channel	Function	Frequency/Tone		Assignment	Remarks
NIFC	1	TAC 1	RX 168.0500	TX 168.0500	DIV A/Z	
			TX 110.9			
NIFC	2	TAC 2	RX 168.2000	TX 168.2000	DIV T & IA	
			TX 110.9			
NIFC	3	TAC 3	RX 168.6000	TX 168.6000	DIV B	
			TX 110.9			
NIFC	4	TAC 4	RX 166.7250	TX 166.7250	DIV W/ U/ Y	
			TX 110.9			
NIFC	5	TAC 5	RX 166.775	TX 166.775	DIV E/C	
			TX 110.9			
NIFC	6	TAC 6	RX 168.2500	TX 168.2500	STRUCTURE II & SWING GROUP I & II	
			TX 110.9			
NIFC	7	COMMAND 3	RX 163.0375	TX 169.6875	LOCATED ON PECOS BALDY	LINKED WITH COMMAND 1 & 2 C18
			TX 110.9			
NIFC	8	COMMAND 1	RX 168.7000	TX 170.9750	LOCATED AT ELK MTN	LINKED WITH COMMAND 2 & 3 C-1
			TX 110.9			
NIFC	9	COMMAND 2	RX 170.4125	TX 165.9625	LOCATED AT TENSUQUE MTN	LINKED WITH COMMAND 1&3 C10
			TX 110.9			
NIFC	10	FS ELK RPT	RX 171.550	TX 164.8750	SFNF NET	
			TX 156.7			
NIFC	11	FS TESUQUE RPT	RX 171.550	TX 164.8750	SFNF NET	
			TX 103.500			
NIFC	12	STATE FIRE	RX 154.310	TX 154.310	STRUCTURE I	
NIFC	13	AIR-TO-GROUND WEST	RX 166.6750	TX 166.6750	USE WEST OF HYW 63	
NIFC	14	AIR-TO-GROUND EAST	RX 169.1500	TX 169.1500	USE EAST OF HYW 63	
NIFC	15	HELIDECK	RX 163.100	TX 163.100	HELI DECK	
NIFC	16	AIR GUARD	RX 168.6250	TX 168.6250	AIRCRAFT EMERGENCY FOR AIRCRAFT CONTACT	
			TX 110.9			

<b>MEDICAL PLAN 206</b>	Project Name <b>TRES LAGUNAS</b>	Date Prepared <b>06/07/2013</b>	Day/Swing	Work Period <b>06/08/2013</b>	
<b>Aid Stations/ EMTs</b>					
Name	Location	Phone	Paramedics Yes No		
Chris Mandeville EMT-P	Div. Bravo		X		
Mathew Chinchilla EMT-P	Div. Tango		X		
B. Cogill EMT-P/D.Voita EMT-B	Div. Whiskey		X		
Frank Gallo EMT-P	Div. Alpha/ Zulu		x		
Woody Harrelson EMT-P	Div. Charlie		x		
Marcos Schaumberg EMT-B	Div. Uniform			x	
Chris Richardson EMT-P	Swing		x		
Jim Russell EMT-P	Helibase		x		
<b>Ambulance Services</b>					
Name	Address	Phone	Paramedics Yes No		
Santa Fe FD Ambulance	Cow Spike		X		
Albuquerque FD Ambulance	Horse Meadows /H1		X		
Pecos Valley EMS	199 HWY 50 Pecos, NM 87552 24/7	911	X		
<b>Air Ambulance Services</b>					
<b>Primary Incident Medivac Sandia Helitack H-312 B-3, Helibase</b> <b>TriState Careflight AW-119 Koala, Santa Fe, 800-800-9000 Flight time 15 min.</b> <b>NM National Guard Hoist Blackhawk, Santa Fe (H- 932) Order Through Santa Fe Disp., 0700-2000 Flight Time 15 minutes.</b>					
<b>Hospitals</b>					
Name	Location	Travel Time Air Ground	Phone	Helipad Yes No	Burn Center Yes No
Christus-St. Vincent Regional Medical Center	455 St. Michaels Drive Santa Fe, NM 87505 N35° 39.568' W105° 56.735'	15 min 35 min	505-983-3361	X	
University of New Mexico Hospital	2211 Lomas Blvd. NE Albuquerque, NM 87106 Johnson Field Helipad N35° 04.958' W106° 36.965'	30 min 60 min	505-272-2411 Johnson Field landing call w ETA 505-272-3116	X	X
Alta Vista Regional Hospital	104 Legion Drive Las Vegas, NM 87701 N35° 37.343' W105° 12.642	30 min 1 hrs	505-426-3500	X	X
<b>Medical Emergency Procedures</b>					
<p>In the event of a medical emergency the On-Scene Point of Contact (POC) will provide the following information to Communications</p> <ol style="list-style-type: none"> <li>1. Declare the nature of the emergency. <ol style="list-style-type: none"> <li>a. Medical injury/illness? If injury/illness is it life threatening? (Medical Transport vs. Medical Emergency) <ul style="list-style-type: none"> <li>"Medical Emergency" = Life Threatening incidents.</li> <li>"Medical Transport" = non-life threatening incidents.</li> </ul> </li> </ol> </li> <li>2. If Life Threatening, request that the designated frequency be cleared for emergency traffic</li> <li>3. Contact Tres Lagunas Communications on Command frequency</li> <li>4. Identify the highest qualified overhead as on-Scene POC by Last name (i.e. Smith)</li> <li>5. Identify nature of incident, number injured, patient assessment(s) and location (geographic and GPS coordinates)</li> <li>6. Identify on-scene medical personnel by name (i.e. Jones)</li> <li>7. Identify preferred method of patient transport.</li> <li>8. Request any additional resources and/or equipment needed.</li> <li>9. Document all information received and transmitted on the radio or phone.</li> <li>10. Identify any changes in the On-Scene POC or medical personnel as they occur.</li> </ol>					
Mike Lund MEDL 505-757-2895 Robert Bacon MEDL(T)			Reviewed by Dan Rael SOF2		

*Robert Bacon (Med T)*

Tres Lagunas Fire  
Guidelines for Suppression Rehabilitation on  
Forest Service, State and Private Lands  
June 7, 2013

The following treatments guidelines will be followed on National Forest and State lands. The treatments will also include private lands after verification with the landowner.

**HAZARD TREES**

Remove downed timber and other obstructions (e.g., rocks) from roads which may create post-fire safety hazards. Fall hazard trees that may fall across fire lines, roads or onto structures near the fire line as a result of line construction or burnout. Provide data on slash removal around private land structures and summer home areas in order to consider additional treatments.

**SLASH**

All hangs-ups (pushed over trees) along dozer lines will be dropped, bucked and spread. Slash from fire line construction will be lopped and scattered to less than 2 feet in height. Slash should be scattered back over the fire line after the fire is out. Slash in intermittent and perennial watercourses will be removed to above the high-water mark. Treat slash that has been generated by defensible space and along Hwy. 63 corridor and other structure defense areas (including Cowles Lease Cabins, Holy Ghost), and haul to FS Rd. 646 and disburse it in the burned Davis-Willow burn area.

**REDUCTION OF EROSION ON HAND LINES AND DOZER LINES**

Waterbars are to be constructed on hand lines and dozer lines; this includes all interior and perimeter fire lines constructed during fire suppression activities. Construct water bars or rolling dips, depending on effectiveness, on hand lines and dozer lines; this includes all interior and perimeter fire lines constructed during the fire. Waterbars should be constructed diagonally (at 30 to 35 degrees) not perpendicular, to the suppression lines in order to divert runoff. Waterbars should not be constructed to divert runoff directly into a stream course. Construct drains such that water flows into un-burned areas wherever possible. On steeper slopes, waterbars may need to be constructed in an alternating pattern to prevent additional erosion from runoff. Insure that waterbars have open outlets to avoid restricting flows. Where possible, construct waterbars where rocks, vegetation, or debris are below the outlet to dissipate water. If any bar ditches along forest roads have been disturbed by dozers or equipment, they need to be re-established for proper drainage. After drainage is re-established on closed fire lines, plant native seed grasses.

The following guidelines are to be used in the spacing of waterbar construction:

Slope	Maximum Interval
0.0 – 4.0% slope	150 feet
5.0 – 9.9% slope	130 feet
10.0 – 14.9% slope	75 feet
15.0 – 40.0% slope	50 feet
40% slope and greater	20 feet

## **ROADS**

Roads on private lands leading to Drop Points may need to be restored.

Drop Points, constructed turnarounds, helispots, helibases and other disturbances must be stabilized. Refer to item 2 and 3 above.

Re-establish all drainage structures (culverts, cross drains, ditches, rolling dips, down drains, berms) to pre-fire or functional conditions

Replace damaged roadside drains.

Where needed, re-grade after suppression activities.

Stabilize and/or control erosion caused by road activity or upslope suppression activities.

## **DROP POINTS, HELISPOTS AND SAFETY ZONES**

Treat safety zone construction by removing hang-ups and lopping slash to less than 3 feet in height. Slash and berms created during construction of safety zones will be treated. Remove berm and spread back into safety zone. Place slash on safety zone and treat as above in item 4 and seed with native seed mixes.

## **DEBRIS CLEAN UP**

Collect and remove all trash and flagging from within fire area, staging areas, drop points, helispots, and helibase locations.

## **OTHER STRUCTURES**

Repair or replace all structures damaged during fireline construction activities (i.e. fences, gates, cattle guards, culverts, etc.).

- ICP: rehabilitation will occur according to specifications negotiated with the Park Superintendent.
- Mobile Retardant Plant: rehabilitation will occur according to specifications negotiated with the landowner.

Progress of the rehabilitation will be reported daily by Operations to the Situation Unit and tracked on a Suppression rehabilitation map for the Incident. Actions may be accomplished by an Incident Management Team assigned to the incident.

# Tres Lagunas Fire

## RESOURCE CONSIDERATIONS

Pecos-Las Vegas Resource Concerns:

### WILDLIFE

**Mexican Spotted Owl** (Federally Threatened) – Occurrence of MSO protected activity center in Indian Creek and Cow Creek.

Mitigations – Please minimize large amounts of disturbance such as dozer lines in narrow canyons that remove large snags, large diameter trees and wood piles.

**Fish** – Rio Grande Cutthroat Trout – Occur in headwaters of Indian Creek, Macho Creek, Dalton Creek. Very distinct lineage in Pecos. Different from rest of populations in NM since isolated for so long.

Mitigations – If fire enters these areas minimize the amount of shade removed from streams. Removal of conifers is OK. Try to keep deciduous vegetation to provide shade and keep stream temperatures cool. If fire gets within a few miles of these headwaters of these streams-contact Resource Area Advisor, Esther Nelson to employ fish removals.

### PLANTS

**Holy Ghost Ipomopsis** – Federally Threatened. This plant occurs in only four populations in the ENTIRE Pecos area. If we lost the Holy Ghost population, there is high probability the plant will go extinct. Occurs in Indian Creek, Holy Ghost Canyon and others.

Mitigations – Populations flagged in Indian creek (white and orange spotted flagging) and Holy Ghost Canyon (blue and black-striped flagging) along roadside. No ground disturbance of this plant. No dozer or digging of line through population. Light fire OK. No fire retardant drops on this plant. Very vulnerable.

### WATER

Let Resource Advisor know of any activities that cause disturbance in waterways.

### RANGE

Livestock present on Rosilla allotment, Bull Creek allotment, Valle Medio allotment, Beaver allotment. When conducting burnouts, need to determine locations of water and spring developments and corrals to minimize destruction of those structures.

### TIMBER

Ridge between Dalton and Indian Creek has old growth, mature ponderosa pine. Would like to keep these trees intact.

# TRES LAGUNAS FIRE

NM-N4S-000070

PNHH9A (1502)

## **ATTENTION: ALL PERSONNEL REQUESTING INCIDENT REPLACEMENT OF PROPERTY**

The 2012 Interagency Incident Business Management Handbook, Chapter 30, addresses government property/equipment damage/replacement.

Some organized crews routinely arrive at an incident and provide the Incident Management Team with a laundry list of items that need to be replaced. The home unit originally provided these items through use of preparedness funds and replacement due to normal wear and tear should be accomplished using home unit funds, not incident funds. **If the government property item was damaged on the incident due to a specific event, e.g, wind event destroys tent, fires burns a hose, etc. the incident could, upon receipt of required documentation and proof of damage, authorize replacement using the Incident Replacement Requisition OF-315.**

**Cache items will be replaced at the incident if available;  
replacement of non standard items will require IBA or Agency  
approval.**

**In order to address Cost Management Issues the following will apply:**

1. Non standard (Non-cache) items **will not** be replaced by the TRES LAGUNAS FIRE.
2. Please do not request items for replacement that were damaged on a fire other than the TRES LAGUNAS FIRE.
3. Normal "wear and tear" resulting in damage over several incidents must be replaced by using home unit funds.
4. All items approved for replacement will be left with the Supply Unit and a PROPERTY DAMAGE OR LOSS REPORT OF-289 will be completed for documentation purposes.
5. Contractor owned property, e.g., hose, fittings, PPE, tents, may not be replaced through incident supply. Contractor must document damaged or lost property and submit the claim through the Procurement Unit Leader or Contracting Officer for determination. The IMT will not issue an Incident Replacement Requisition, OF-315 to a contractor.

The New Mexico State Forest and USFS is aware that equipment on the TRES LAGUNAS FIRE will be exposed to hazards due to the rough terrain. Original condition of the equipment will be a consideration on whether damage will be paid for by the incident or will be the responsibility of the owner. Repair or replacement of damaged equipment will be made on a case-by-case basis.

HUMAN RESOURCES MESSAGE  
TRES LAGUNAS FIRE—PECOS, NM  
JUNE 08, 2013



**Mutual Respect** is behavior that treats people with dignity and respect coupled with the right to receive the same treatment from others.

To contribute toward building and maintaining constructive relationships, focus on the situation, issue, or behavior, not on the person. Maintain the self-confidence and self-esteem of others, take the initiative to make things better and lead by example.

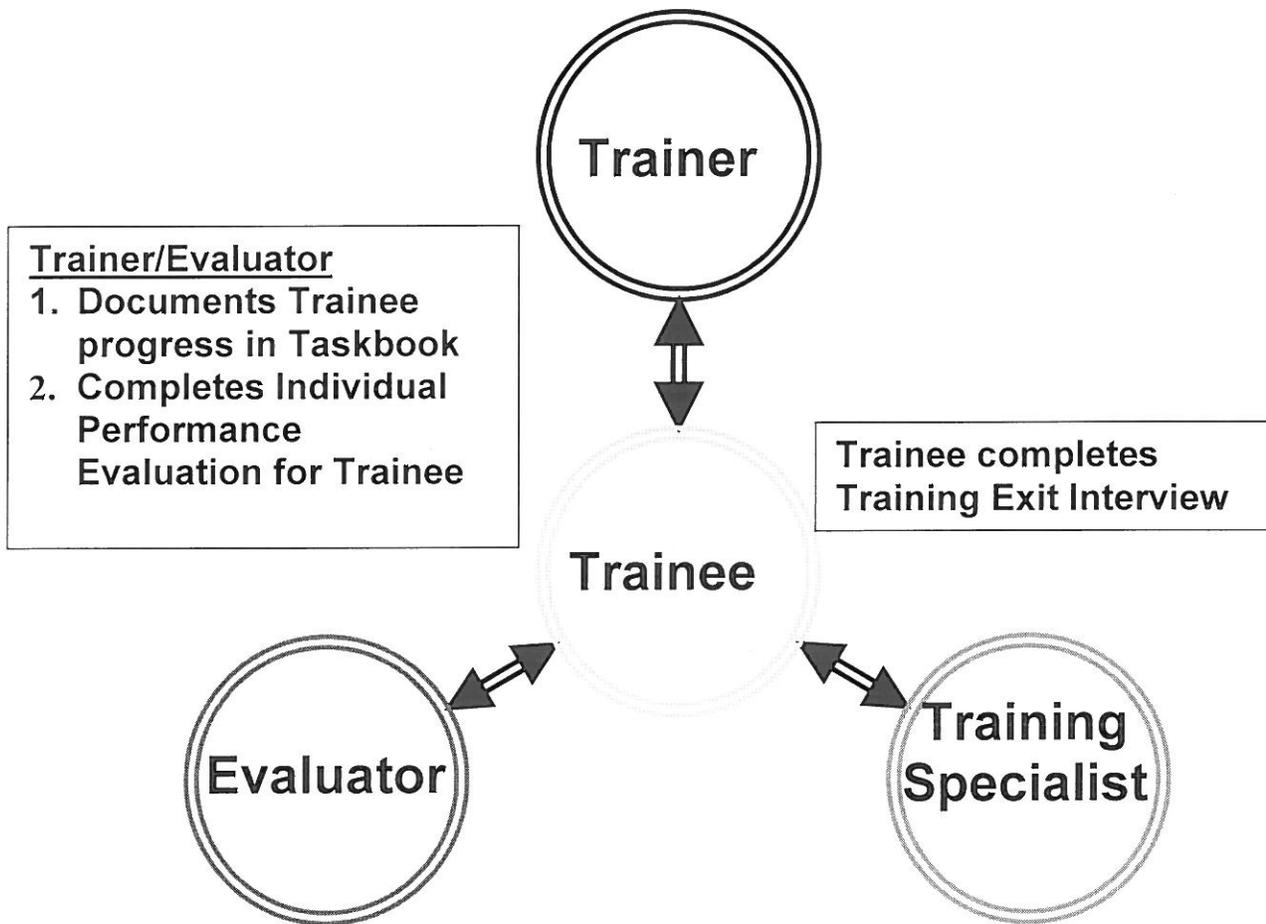
To ensure a **Positive Work Environment** keep in mind the following behavior: **Respect, Understanding and Patience, and Tolerance.**

~Thought for the Day ~

Whatever you do in life, 90 percent of it is mental.  
*Yogi Berra, Catcher, New York Yankees 1947 – 1963*

Human Resources Specialist: Jim Maes (505) 710-4774  
Human Resources Specialist (t): Gina Melchor (505) 274-9933

## Demob and Training → Who Does What For Training?

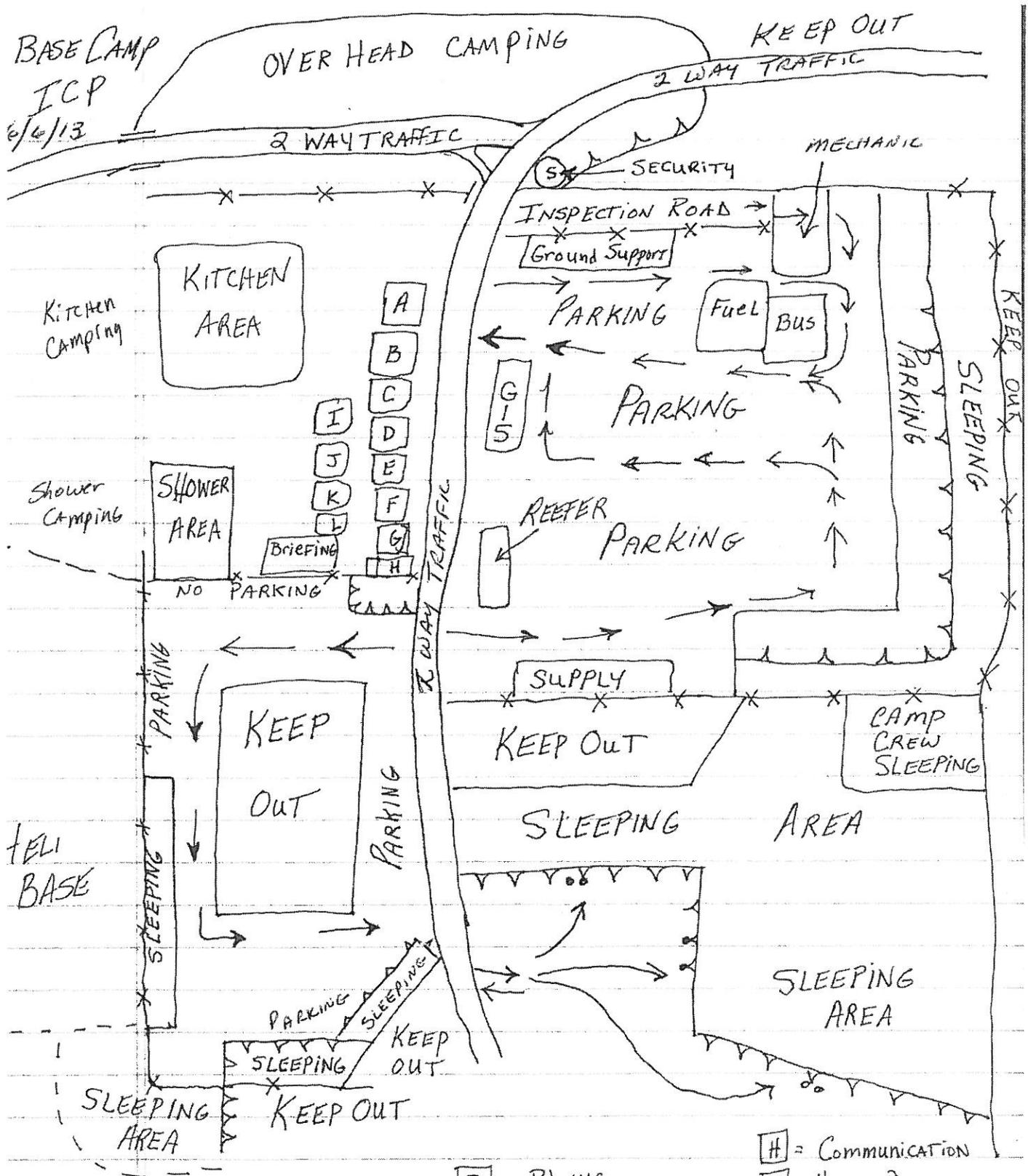


And then.....

Training Specialist (TNSP) will review and route the paperwork to the trainee, fire documentation, the home unit, and the regional coordinator to be sure there's a record of the training experience outcome.

See Ann Hutchinson (Trainee) in the Training Tent or you may also see me wandering around (looking for trainees). Ann's cell number is 623-293-8628..

BASE CAMP  
ICP  
6/6/13



- [A] = LAISON/PIO'S
- [B] = Check-IN / DEMOB
- [C] = LOGISTICS
- [D] = PLANS
- [E] = Finance
- [F] = IC / OPSS / SAFETY
- [G] = Comp/Claims / Medical
- [H] = Communication
- [I] = Human Resources
- [J] = Training / LTAN / SOPL
- [K] = Finance / NM STATE
- [L] = IC/OPS / SAFETY

## ICP Phone/Fax Numbers

<u>Unit</u>	<u>Number</u>	<u>Remarks</u>
<b>Command</b>		
Incident Commander	505-757-2909	
Safety	505-757-2909	
Information	505-757-2907	
Information	505-757-2952	
<b>Operations Section</b>		
	505-757-2909	
<b>Logistics Section</b>		
Medical Unit	505-757-2895	Shared line with Comps and Claims
Communications Unit	505-757-2630	
Communications Unit Fax	505-757-2812	
Ground Support Unit	505-757-2915	
Supply Unit	505-757-2893	
Supply Unit Fax	505-757-2574	
<b>Planning Section</b>		
Plans	505-757-2872	Phone/fax
Check-In	505-757-2879	Phone/fax
Demob	505-757-2879	Phone/fax
<b>Finance Section</b>		
Finance	505-757-2913	***Currently working as fax line
Comps and Claims	505-757-2895	Shared line with Medical Unit



