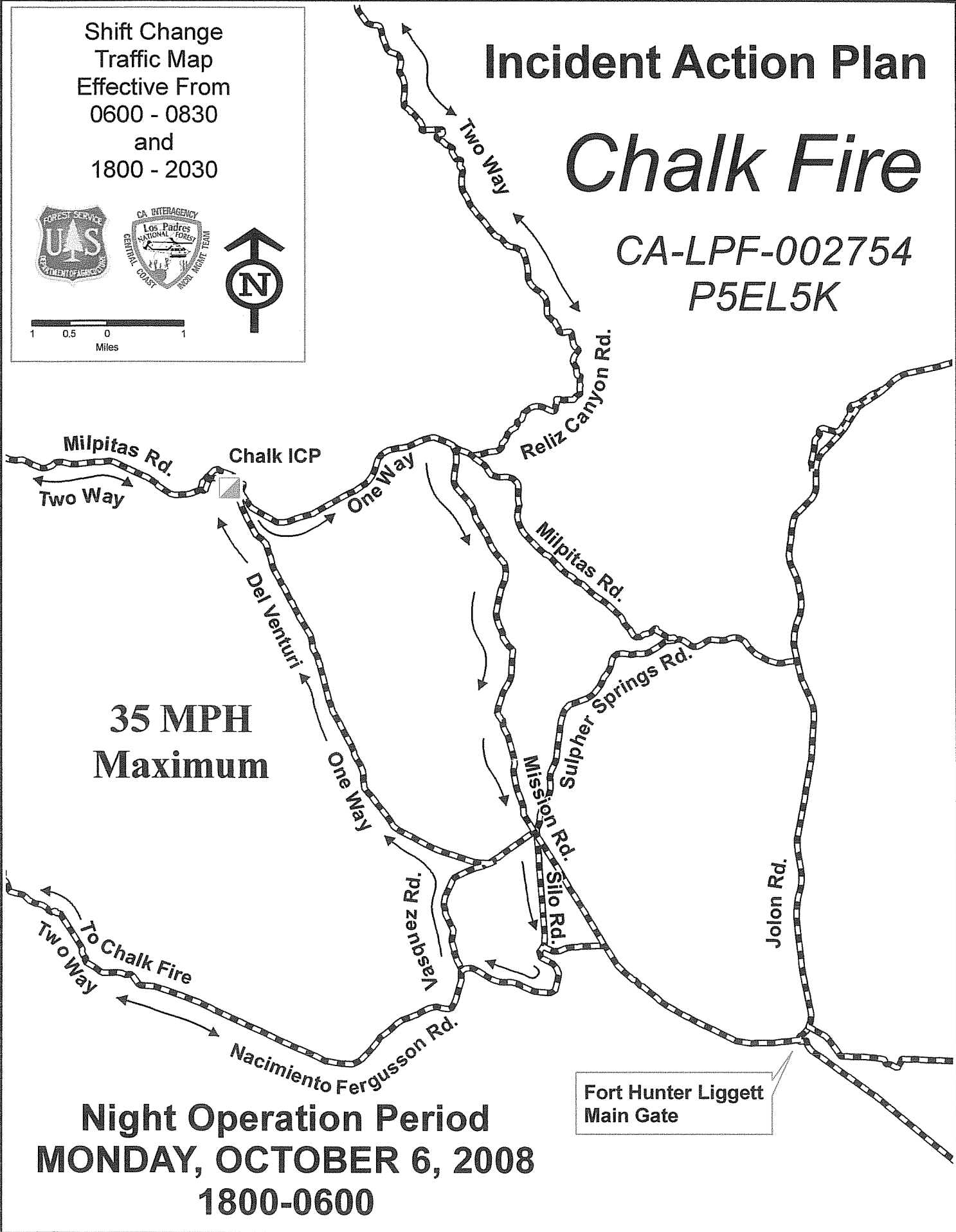
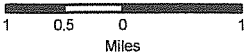


Shift Change  
Traffic Map  
Effective From  
0600 - 0830  
and  
1800 - 2030

# Incident Action Plan

# Chalk Fire

CA-LPF-002754  
P5EL5K



**35 MPH  
Maximum**

**Night Operation Period  
MONDAY, OCTOBER 6, 2008  
1800-0600**

Fort Hunter Liggett  
Main Gate



|                            |                  |                  |                  |
|----------------------------|------------------|------------------|------------------|
| <b>Incident Objectives</b> | 1. Incident Name | 2. Date Prepared | 3. Time Prepared |
|                            | CHALK            | 10/06/08         | 1000             |

4. Operational Period  
 10/06/08 Monday Night Shift 1800 - 0600

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

**Management Objectives:**  
 Provide for Firefighter and Public Safety.  
 Protect threatened, endangered, and sensitive plant and animal species.  
 Protect wilderness, critical steelhead habitat, wildlife, soil, water, heritage, and scenic resources.  
 Utilize Minimum Impact Suppression Tactics (MIST) within the Ventana Wilderness areas and Mill Creek Drainage.  
 Manage costs to keep them commensurate with values at risk and minimize costs plus loss.  
 Provide clear and timely communications to fire personnel, the public, and all affected agencies.

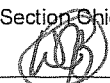
**Control Objectives:**  
 Keep the fire north of Prewitt Ridge Road.  
 Keep the fire west of Del Venturi Road.  
 Keep the fire south of the Carrizo Trail.  
 Keep the fire east of Highway 1 and Twin Peak.

**Operational Objectives:**  
 Hold the West and South perimeters of the fire.  
 Prepare and protect threatened structures.

6. Weather Forecast for Period  
 See attached Fire Weather Forecast

7. General Safety Message  
 See attached Safety Message

8. Attachments (mark if attached)
- |  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Organization List - ICS 203      | <input checked="" type="checkbox"/> Incident Map   | <input checked="" type="checkbox"/> Fire Behavior Forecast        |
| <input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204  | <input checked="" type="checkbox"/> Safety Message | <input checked="" type="checkbox"/> ICS 215A LCES Analysis        |
| <input checked="" type="checkbox"/> Communications Plan - ICS205     | <input checked="" type="checkbox"/> Traffic Plan   | <input checked="" type="checkbox"/> Training Message              |
| <input checked="" type="checkbox"/> Medical Plan - ICS 206           | <input checked="" type="checkbox"/> Base Camp Map  | <input checked="" type="checkbox"/> Human Resources               |
| <input checked="" type="checkbox"/> Air Operations Summary - ICS 220 | <input checked="" type="checkbox"/> Fire Weather   | <input checked="" type="checkbox"/> MIST Guidelines/Foam Tracking |

9. Prepared by (Planning Section Chief)  
 BILL BRICKEY (t) 

10. Approved by (Incident Commander)  
 JIM SMITH

|   |  |   |  |
|---|--|---|--|
| 1. Incident Name<br><b>Chalk</b>                        |  | 9. Operations Section                               |  |
| 2. Date<br>10-06-08                                     |  | 3. Time<br>1200                                     |  |
| 4. Operational Period<br>10-06-08 Night Shift 1800-0600 |  | Chief<br><b>Mike Sandwick</b>                       |  |
| Position  |  | Name  |  |
| 5. Incident Commander and Staff                         |  | Planning Ops<br><b>Scott Schuster</b>               |  |
| Incident Commanders                                     | Jim Smith/Allan Currier/Mark Nunez (t)                         | a. Branch I - Division/Groups                       |  |
| Deputy IC   | Dana D' Andrea   | Branch Director                                     |  |
| Liason Officer  | Herb McElwee / Randy Graham / Warner McGrew / Craig Thomas (t) | Division/Group                                      | A/Z Rick Bertram / Anthony Williams        |
| Law Liason Officer                                      | Greg Nordyke   | Division/Group                                      | B Unstaffed                                |
| Safety Officer  | Jeff Saley   | Division/Group                                      | T Unstaffed                                |
| Information Officer                                     | Manny Madrigal/ John Alford                                    | Division/Group                                      | U Jim Ackerman / Matt Ferris               |
| Human Resources   | Gene Rose / Steve Branch (t)                                   | Division/Group                                      |  |
| 6. Agency Representative                                |  | Dozer Group   | Unstaffed                                  |
| Agency  | Name   | Structure Group                                     | Unstaffed                                  |
| Agency Administrator                                    | John Bradford  | Contingency Group                                   | Unstaffed                                  |
| Cal Fire  | Rick Hutchinson/Steve Spinharney (t)                           | Staging   | Unstaffed                                  |
| Resource Advisor  | Jeff Kwasny  | c. Branch III - Division/Groups                     |  |
| CHP   | P.A. Howard  | Branch Director                                     |  |
| FHL   | Mark Shippee   | Deputy  |  |
| Big Sur Vol   | Frank Pinney   | Division/Group                                      |  |
| Monterey Sheriff  | Kevin Oakley   | Division/Group                                      |  |
| USFS Union Rep  | Robert Ethridge  | Division/Group                                      |  |
| CalTrans  | Danny Millsap  | Division/Group                                      |  |
| 7. Planning Section                                     |  | Division/Group                                      |  |
| Chief   | Ann Marx   | Division/Group                                      |  |
| Deputy  | Bill Brickey (t) / Robert Kovach (t)                           | Division/Group                                      |  |
| Resources Unit  | Ken Bates / Mark Cole/ Al Yanagisawa/ Robert Ashby(t)          | Division/Group                                      |  |
| Situation Unit  | Mike Held / John Germanetti                                    | Division/Group                                      |  |
| Documentation Unit                                      | Hal Nolen / John Lutzow(t)                                     | Division/Group                                      |  |
| Demobilization Unit                                     | Neil Bullock/Anthony Stornetta(t)                              | Division/Group                                      |  |
| GISS  | Jason VanWarmerdam   | Division/Group                                      |  |
| Training Specialist                                     | Doug Dickson   | Division/Group                                      |  |
| Computer Specialist                                     | Marty Cohn   | Division/Group                                      |  |
| Weather   | Jim Wallman/Lisa Kriederman (t)                                | Division/Group                                      |  |
| Fire Behavior   | Dan Ardoin/Rich Gonzales(t)                                    | Division/Group                                      |  |
| 8. Logistics Section                                    |  | Division/Group                                      |  |
| Chief   | Jamie Copple   | Division/Group                                      |  |
| Deputy  | Tom Crakes (t)   | Division/Group                                      |  |
| Supply Unit   | John Brodbeck / Daron Mafi                                     | Division/Group                                      |  |
| Facilities Unit   | Dennis Carrol / Mel Sanchez                                    | Division/Group                                      |  |
| Ground Support Unit                                     | Mike Nelson  | Division/Group                                      |  |
| Communications Unit                                     | Rick Smith   | Division/Group                                      |  |
| Medical Unit  | Jan Purkett / Joe Tieso  | Division/Group                                      |  |
| Security Manager  | Chuck Jones  | Division/Group                                      |  |
| Food Unit   | Sharon Nordyke / Kerry Kellogg (t)                             | Division/Group                                      |  |
|   |  | d. Air Operations Branch                            |  |
|   |  | Air Operations Branch Director                      | Brad Joos                                  |
|   |  | Air Attack Supervisor                               | Kent Haskins                               |
|   |  | Air Support Supervisor                              | Jason Nava/ Al Driebach/ Saline Mouney (t) |
|   |  | Helicopter Coordinator                              |  |
|   |  | Air Tanker Coordinator                              |  |
|   |  | Helicopter Base Manager                             | Steve Silva / Brian Sexton (t)             |
|   |  | 10. Finance Section                                 |  |
|   |  | Chief   | Judy Reynolds                              |
|   |  | Deputy  |  |
|   |  | Time Unit   | Elaine Hansen                              |
|   |  | Procurement Unit                                    |  |
|   |  | Compensation/Claims Unit                            | Patty Locke                                |
|   |  | Cost Unit   | Keith Fletcher                             |
|   |  | Equipment Time                                      | Shawn Hugan                                |
|   |  | Prepared by (Resource Unit Leader) Robert Ashby (t) | <i>Robert Ashby</i>                        |

## Fire Weather Forecast

FORECAST NO: 16

NAME OF FIRE: Chalk

PREDICTION FOR: Monday SHIFT Night

UNIT: CA-LPF

SHIFT DATE: 10/6/08 to 10/7/08 1800-0600

SIGNED: 

Lisa Kriederman (T)

Jim Wallmann

Incident Meteorologist

TIME AND DATE

FORECAST ISSUED: 1200 10/6/08

---

**WEATHER DISCUSSION:** Continued warming and drying pattern will continue through Wednesday. Thermal belt conditions are expected to form again tonight with warmer minimum temps and lower RH recoveries than last night. Winds through this period will continue to be fairly light and vary between northerly and northeasterly with a slight increase on Tuesday night.

---

### **WEATHER FORECAST:**

WEATHER: Clear.

TEMPERATURES: MIN 52-59 below 1500 ft. 61-68 above 1500 ft.

HUMIDITY: MAX 70-85% below 1500 ft. 50-60% above 1500 ft.

EYE LEVEL WINDS:

SLOPE (2000-3500 feet) – Downslope 2-4 mph.

RIDGETOP (3500 feet and above) – North-northeast 3-7 mph.

LAL: 1

CWR: 0%

MARINE LAYER: None.

---

### **36 HOUR OUTLOOK (Temps/RH overnight is for areas above 2000 feet):**

**TUESDAY 10/7**

**TUESDAY NIGHT 10/7-8**

WEATHER: Sunny.

WEATHER: Clear.

TEMP: Max: 83-91 RH: Min: 18-25%

TEMP: Min: 62-70 RH: Max: 30-45%

WINDS: Slope: Upslope 3-5 mph  
Ridge: North 3-7 gusts 10 mph

WINDS: Slope: Downslope 2-4 mph  
Ridge: Northeast 6-12 mph

LAL: 1 CWR: 0%

LAL: 1 CWR: 0%

MARINE LAYER: None.

MARINE LAYER: None.

---

**OUTLOOK FOR WEDNESDAY:** Sunny. Winds northeast 7-10 mph gusts to 15 mph. Temperatures – MAX 85-92. RH Min 15-20%. No marine layer.

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### **OBSERVED WEATHER 10/5-6/08:**

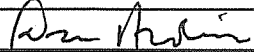
Fort Hunter Liggett RAWS (10 E – 1100 ft): Temp: Min 46. RH: Max 91%. Winds NW 3 mph.

Highlands Peak (5 NW Div Z - 2490 ft): Temp: 61. RH: 60%. Winds NW 3 mph.

Whale Point (6 NW Div Z – 600 ft): Temp: 57. RH: 80%. Winds E 4 mph

Prewitt Ridge (Div U - 3200 ft): Temp: 57. RH: 73%. Winds NE 6-10 max gust 17 mph

# FIRE BEHAVIOR FORECAST

|  |   |
|--|---|
| FORECAST NUMBER: 16 10-06-08 Night Shift | TYPE OF FIRE: Wildland Vegetation   |
| FIRE NAME: Chalk                         | OPERATIONAL PERIOD: Night   |
| DATE ISSUED: 10-06-08                    | TIME ISSUED: 10:00 hrs  |
| UNIT: CA-LFP                             | SIGNED: DAN ARDOIN FBAN  |

## WEATHER SUMMARY

Warming and drying continues. Light Northeast ridge winds and strong thermal layer (above 1500 ft.).

See attached spot weather forecast.

## FIRE BEHAVIOR

### GENERAL:

Sunday's observed BI: 56, Today's predicted 58

Fuels are grasses, chaparral, mixed conifers and oak woodlands. Fine fuel moisture reaching a 12% maximum with 10 hr fuels at 14% maximum – live 69%. Very high dead to live fuel ratio.

Fine fuels are not at the point at which they will spread fire. 10 hrs are a farther behind. 100 hour and 1000 hour fuels are not affected by short duration rainfall to a great extent.

Topography is extremely steep terrain at sea level to 3800 ft elevation. Mill Creek drainage generally oriented west to east with a dogleg to the north. The main coastal ridge runs northwest to southeast. The Nacimiento drainage runs to the east on the inland side of the ridge. Both Hare Canyon the upper San Antonio River canyon are oriented Southwest.

No spread.

### SPECIFIC:

Quiet night on all divisions.

### AIR OPERATIONS:

Sunset 18:40 Sunrise 07:03

## SAFETY

Know what your fire is doing at all times. Any spread will come from a single point flareup along or near the black. Rollout can be a more significant factor now.

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

A/Z

|  |   |
|--|---|
| 3. Incident Name<br><p style="text-align: center;">CHALK</p> | 4. Operational Period<br><p style="text-align: center;">10/06/08    Monday    Night Shift 1800 - 0600</p> |
|--|---|

5. Operations Personnel

|                  |                    |                           |                                 |
|------------------|--------------------|---------------------------|---------------------------------|
| Operations Chief | MICHAEL M SANDWICK | Division/Group Supervisor | RICK BERTRAM / ANTHONY WILLIAMS |
| Operations Chief |                    | Air Attack Supervisor     | KENT HASKINS                    |
|                  |                    | Safety Officer            | JEFF SALEY                      |

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 |
|---|----------------|--------------|------------|-------------------|------------------|
| CRW2IA (C-48) LPF MONTEREY                  | KEVIN W POYNER | 17           | N          | ICP 1800          | ICP 0600         |
| ENG S/T 6632C                               | EDDIE GUIDI    | 26           | N          | ICP 1800          | ICP 0600         |
| WT3 (-E-128) LPF-4                          | SHAWN BRANDON  | 1            | N          | ICP 1800          | ICP 0600         |
| FEMT  | DANNY MONTOYA  | 1            | N          | ICP 1800          | ICP 0600         |
| FEMT  | SCOTT GIBBS    | 1            | N          | ICP 1800          | ICP 0600         |
| SOF2  | RON GARCIA     | 1            | N          | ICP 1800          | ICP 0600         |
|   |                |              |            |                   |                  |
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|   |                |              |            |                   |                  |
|   |                |              |            |                   |                  |

7. Control Operations


1. Look for opportunities to cold trail and hot spot in A/Z break.
2. Mop up 300' in and patrol.

8. Special Instructions

1. Report any applications of retardent, foam, or wetting agents within 300' of waterways or other bodies of water to Resource Advisor.
2. Avoid ground disturbance of archaeological resource areas marked with red, white, and blue flagging.

9. Division/Group Communications Summary

| Function           | Frequency - RX | Frequency - TX | Tone  | System | Channel | System | Channel    |
|--------------------|----------------|----------------|-------|--------|---------|--------|------------|
| Command            | 168.1000N      | 170.4500N      | 110.9 | King   | 1       | NIFC   | CMD 2      |
| Tactical Div/Group | 168.0500N      | 168.0500N      | 0.0   | King   | 3       | NIFC   | NIFC TAC 1 |
| Logistics          |                |                |       |        |         |        |            |
| Air to Ground      | 168.0125N      | 168.0125N      |       | King   | 13      |        |            |

|  |  |                           |                       |
|--|--|---------------------------|-----------------------|
| Prepared by (Resource Unit Leader)<br>Robert Ashby | Approved by (Planning Section Chief)<br>Ann Marx, Bill Brickey (t)  | Date Prepared<br>10/06/08 | Time Prepared<br>1000 |
|--|--|---------------------------|-----------------------|

# Division Assignment List

1. Branch

2. Division/Group

**B**

3. Incident Name

CHALK

4. Operational Period

10/06/08 Monday Night Shift 1800 - 0600

5.

### Operations Personnel

Operations Chief

MICHAEL M SANDWICK

Division/Group Supervisor

Operations Chief

Air Attack Supervisor

KENT HASKINS

Safety Officer

JEFF SALEY

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

**Unstaffed**

7. Control Operations

8. Special Instructions

1. Report any applications of retardent, foam, or wetting agents within 300' of waterways or other bodies of water to Resource Advisor.
2. Avoid ground disturbance of archaeological resource areas marked with red/ white, and blue flagging.

9.

### Division/Group Communications Summary

| Function           | Frequency - RX | Frequency - TX | Tone  | System | Channel | System | Channel |
|--------------------|----------------|----------------|-------|--------|---------|--------|---------|
| Command            | 168.1000N      | 170.4500N      | 110.9 | KING   | 1       | NIFC   | CMD 2   |
| Tactical Div/Group | 168.2000N      | 168.2000N      | 0.0   | KING   | 4       | NIFC   | TAC 2   |
| Logistics          |                |                |       |        |         |        |         |
| Air to Ground      | 168.0125N      | 168.0125N      | 0.0   | KING   | 13      |        |         |

Prepared by (Resource Unit Leader)

Robert Ashby

Approved by (Planning Section Chief)

Ann Marx, Bill Brickey (t)



Date Prepared

10/06/08

Time Prepared

1000



## Division Assignment List

1. Branch

2. Division/Group

**T**

3. Incident Name

CHALK

4. Operational Period

10/06/08 Monday Night Shift 1800 - 0600

5.

Operations Personnel

Operations Chief

MICHAEL M SANDWICK

Division/Group Supervisor

Operations Chief

Air Attack Supervisor

KENT HASKINS

Branch Director

Safety Officer

JEFF SALEY

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

**UNSTAFFED**

7. Control Operations

8. Special Instructions

1. Report any applications of retardent, foam, or wetting agents within 300' of waterways or other bodies of water to Resource Advisor.
2. Avoid ground disturbance of archaeological resource areas marked with red/white and blue flagging.

9.

Division/Group Communications Summary

| Function           | Frequency - RX | Frequency - TX | Tone  | System | Channel | System | Channel |
|--------------------|----------------|----------------|-------|--------|---------|--------|---------|
| Command            | 168.1000N      | 170.4500N      | 110.9 | King   | 1       | NIFC   | CMD 2   |
| Tactical Div/Group | 168.6000N      | 168.6000N      | 0.0   | King   | 5       | NIFC   | TAC 3   |
| Logistics          |                |                |       |        |         |        |         |
| Air to Ground      | 168.0125N      | 168.0125N      | 0.0   | King   | 13      |        |         |

Prepared by (Resource Unit Leader)  
Robert Ashby

Approved by (Planning Section Chief)  
Ann Marx/Bill Brickley *(Signature)*

Date Prepared  
10/06/08

Time Prepared  
1000

|                                 |           |                               |
|---------------------------------|-----------|-------------------------------|
| <b>Division Assignment List</b> | 1. Branch | 2. Division/Group<br><b>U</b> |
|---------------------------------|-----------|-------------------------------|

|                                  |   |
|----------------------------------|---|
| 3. Incident Name<br><b>CHALK</b> | 4. Operational Period<br><b>10/06/08 Monday Night Shift 1800 - 0600</b> |
|----------------------------------|---|


|                         |                    |                           |                           |
|-------------------------|--------------------|---------------------------|---------------------------|
| 5. Operations Personnel |                    |                           |                           |
| Operations Chief        | MICHAEL M SANDWICK | Division/Group Supervisor | JIM ACKERMAN; MATT FERRIS |
| Operations Chief        |                    | Air Attack Supervisor     | KENT HASKINS              |
|                         |                    | Safety Officer            | JEFF SALEY                |

| 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 |
| CRW1 (C14) BBD KERN VALLEY HC               | RONALD NAPOLES   | 24           | N          | ICP 1800          | ICP 0600         |
| CRW2 (C-46) SQF COBRAS 1                    | GUADALUPE TORRES | 20           | N          | ICP 1800          | ICP 0600         |
| ENG6 (E-108) N. TREE FIRE E-260             | JONAH SMITH      | 3            | N          | ICP 1800          | ICP 0600         |
| FEMT  | JOHN STEFFENS    | 1            | N          | ICP 1800          | ICP 0600         |
| FEMT  | GABE DONALD      | 1            | N          | ICP 1800          | ICP 0600         |
| SOF2  | MARK T HELM      | 1            | N          | ICP 1800          | ICP 0600         |
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|   |                  |              |            |                   |                  |

**7. Control Operations**  
 1. Mop up 300' in and patrol

**8. Special Instructions**  
 1. Report any applications of retardant, foam, or wetting agents within 300' of waterways or other bodies of water to Resource Advisor.  
 2. Avoid ground disturbance of archaeological resource areas marked with red, white, and blue flagging.

| 9. Division/Group Communications Summary |                |                |       |        |         |        |         |
|--|----------------|----------------|-------|--------|---------|--------|---------|
| Function                                 | Frequency - RX | Frequency - TX | Tone  | System | Channel | System | Channel |
| Command                                  | 168.1000N      | 170.4500N      | 110.9 | KING   | 1       | NIFC   | CMD 2   |
| Tactical Div/Group                       | 164.1375N      | 164.1375N      | 0.0   | King   | 6       | NIFC   | TAC 4   |
| Logistics                                |                |                |       |        |         |        |         |
| Air to Ground                            | 168.0125N      | 168.0125N      | 0.0   | KING   | 13      |        |         |

|  |  |                           |                       |
|--|--|---------------------------|-----------------------|
| Prepared by (Resource Unit Leader)<br>Robert Ashby | Approved by (Planning Section Chief)<br>Ann Marx, Bill Brickey (t)  | Date Prepared<br>10/06/08 | Time Prepared<br>1000 |
|--|--|---------------------------|-----------------------|

Incident: Chalk Fire

Date: October 6, 2008 Night Shift

# Safety Message

## Major Hazards and Risks:

Excessive travel times, Narrow roads , large vehicles – Keep speeds down, FOCUS

Poison Oak – Med Unit has Poison Oak treatment available

Snags and rolling material on fireline, roads – Dedicate resources to mitigate safely, communicate

Extremely steep terrain – Situational awareness, watch your footing

## Narrative:

Traffic plan for exiting and entering Base camp during shift change. Exit camp via back road to Mission road. Continue to Nacimiento/Fergusson road, turn right and out to the fireline. Return via Nacimiento/Fergusson road, left on Vasquez, left on Del Venturi road to Base camp.

35 mph-max speed limit for the incident. Security traffic facilitator will be assisting traffic flow at Nacimiento/Fergusson and Vasquez intersection.

Roads and excessive speeds continue to pose significant risks to our fire fighters. Please keep your speeds down and exercise extreme caution when navigating Nacimiento Fergusson road, Vasquez and Del Venturi.

Trees have been weakened by sudden oak death, frost and bug kill. Snags are falling at an alarming rate. SITUATIONAL AWARENESS.

Be especially careful with your footing in the steep rugged terrain. One fall could be your last. Burned out roots around stump holes create danger zones.

Lookouts

Communications

Escape Routes

Safety Zones

Prepared by Safety Officer: Jeff Saley



# LCES Analysis of Tactical Actions

Incident: Chalk

Date: 10/06/08

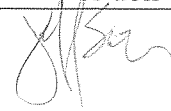
Shift: Night

## LOCATION


| Tactical Hazards                   | Div A/Z | Div U | Div B | Div T | Div | Doz Grp |  |  | LCES MITIGATIONS   |
|------------------------------------|---------|-------|-------|-------|-----|---------|--|--|--|
| Indirect Fireline                  | X       |       |       |       |     |         |  |  | LCES   |
| Downhill Fireline                  | X       |       |       |       |     |         |  |  | Small sections. DH mitigations                           |
| Underslung Fireline                | X       |       |       |       |     |         |  |  | LCES. Trench.  |
| Mid-slope Fireline                 | X       |       |       |       |     |         |  |  | Small segments. Scout. LCES                              |
| Anchor Points                      | X       |       |       |       |     |         |  |  | Reestablish to new footprint                             |
| Extreme Weather                    |         |       |       |       |     |         |  |  |  |
| Unburned Areas                     | X       | X     |       |       |     |         |  |  | Predominant throughout. LCES                             |
| Extremely Steep Terrain            | X       | X     |       |       |     |         |  |  | Scout in daylight. Spacing.                              |
| Snags (Sudden Oak Death)           | X       | X     |       |       |     |         |  |  | Look up, down, around. Scout.                            |
| 1+Hour Transportation              | X       | X     |       |       |     |         |  |  | Speed down. Focus on driving                             |
| Poor Communications                |         |       |       |       |     |         |  |  | Assure current clone. Clear, concise directions to air.  |
| Roads/Traffic Problems/ Very Steep | X       | X     |       |       |     |         |  |  | Traffic Plan. Drive slow w/ headlights.                  |
| Heavy Equipment                    |         |       |       |       |     |         |  |  | Yield right of way. Comm. w/ dozer boss                  |
| Medical Evac. Times                | X       | X     |       |       |     |         |  |  | Hoist still needed                                       |
| Air Operations Multi-Aircraft      |         |       |       |       |     |         |  |  | Concise directions to air                                |
| Poison Oak                         | X       | X     |       |       |     |         |  |  | Swap or clean PPE whenever possible                      |
| Problem Safety Zones               | X       |       |       |       |     |         |  |  | Identify adequate zones before engaging or don't engage! |

ICS-215A

Safety Officer: Jeff Saley



| INCIDENT RADIO COMMUNICATIONS PLAN |                | Incident Name                               |               | CHALK    |        | Date/Time Prepared | Operational Period Date/Time |        |             |      |                               |
|------------------------------------|----------------|---|---------------|----------|--------|--------------------|------------------------------|--------|-------------|------|-------------------------------|
|                                    |                |   |               |          |        | 10/06/08 1200hrs.  | 10/06/08 1800-0600hrs.       |        |             |      |                               |
| Ch #                               | Function       | Channel Name/Trunked Radio System Talkgroup | Assignment    | RX Freq  | N or W | RX Tone/NAC        | TX Freq                      | N or W | Tx Tone/NAC | Mode | Remarks                       |
| 1                                  | COMMAND        |   | ALL DIVISIONS | 168.1000 | N      | 0.0                | 170.4500                     | N      | 110.9       | A    | NIFC CMD 2                    |
| 2                                  |                |   |               | 170.0125 | N      | 0.0                | 165.2500                     | N      | 110.9       | A    | NIFC CMD 9<br>LINKED TO CMD 2 |
| 3                                  | TACTICAL       |   | DIVISION A/Z  | 168.0500 | N      | 0.0                | 168.0500                     | N      | 0.0         | A    | NIFC TAC 1                    |
| 4                                  | TACTICAL       |   | UNASSIGNED    | 168.2000 | N      | 0.0                | 168.2000                     | N      | 0.0         | A    | NIFC TAC 2                    |
| 5                                  | TACTICAL       |   | UNASSIGNED    | 168.6000 | N      | 0.0                | 168.6000                     | N      | 0.0         | A    | NIFC TAC 3                    |
| 6                                  | TACTICAL       |   | DIVISION U    | 164.1375 | N      | 0.0                | 164.1375                     | N      | 0.0         | A    | NIFC TAC 4                    |
| 7                                  | TACTICAL       |   | UNASSIGNED    | 166.7250 | N      | 0.0                | 166.7250                     | N      | 0.0         | A    | NIFC TAC 5                    |
| 8                                  | TACTICAL       |   | UNASSIGNED    | 166.7750 | N      | 0.0                | 166.7750                     | N      | 0.0         | A    | NIFC TAC 6                    |
| 9                                  | TACTICAL       |   | UNASSIGNED    | 168.2500 | N      | 0.0                | 168.2500                     | N      | 0.0         | A    | NIFC TAC 7                    |
| 10                                 | TACTICAL       |   | UNASSIGNED    | 173.9125 | N      | 0.0                | 173.9125                     | N      | 0.0         | A    | R5 TAC 4                      |
| 11                                 | TACTICAL       |   | UNASSIGNED    | 173.9625 | N      | 0.0                | 173.9625                     | N      | 0.0         | A    | R5 TAC 5                      |
| 12                                 | BACKUP COMMAND |   | ALL DIVISIONS | 170.5500 | N      | 0.0                | 169.9000                     | N      | 103.5       | A    | LPFN CONE PK. TONE 8          |
| 13                                 | AIR/GROUND     |   | ALL DIVISIONS | 168.0125 | N      | 0.0                | 168.0125                     | N      | 0.0         | A    |                               |
| 14/16                              | AIR GUARD      |   | ALL DIVISIONS | 168.6250 | N      | 0.0                | 168.6250                     | N      | 110.9       | A    | <b>AIR EMERGENCIES ONLY</b>   |

5. Prepared by (Communications Unit)  
Rick Smith COML 

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital (Project 25)

|   |                                    |                            |                          |                                      |                                     |                                     |                                     |                                     |                                     |
|---|------------------------------------|----------------------------|--------------------------|--------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <b>MEDICAL PLAN</b><br><br>206  | 1. INCIDENT NAME                   | 2. DATE PREPARED           | 3. TIME PREPARED         | 4. OPERATIONAL PERIOD<br>DATE / TIME |                                     |                                     |                                     |                                     |                                     |
|   | Chalk                              | 10/6/08                    | 1100                     | 10/6/08                              |                                     | 1800-0600                           |                                     |                                     |                                     |
| 5. INCIDENT MEDICAL AID STATIONS  |                                    |                            |                          |                                      |                                     |                                     |                                     |                                     |                                     |
| MEDICAL AID STATIONS  |                                    |                            | LOCATION                 |                                      |                                     | PARAMEDICS                          |                                     |                                     |                                     |
|   |                                    |                            |                          |                                      |                                     | YES                                 | NO                                  |                                     |                                     |
| Medical Unit  |                                    |                            | Base Camp                |                                      |                                     | <input checked="" type="checkbox"/> |                                     |                                     |                                     |
| FEMT  |                                    |                            | As Assigned per Division |                                      |                                     |                                     | <input checked="" type="checkbox"/> |                                     |                                     |
| Drop Point 2 – Squad 1  |                                    |                            | Drop Point 2             |                                      |                                     | <input checked="" type="checkbox"/> |                                     |                                     |                                     |
| 6. AMBULANCE SERVICES   |                                    |                            |                          |                                      |                                     |                                     |                                     |                                     |                                     |
| NAME  |                                    | ADDRESS                    |                          | PHONE                                | PARAMEDICS                          |                                     |                                     |                                     |                                     |
|   |                                    |                            |                          |                                      | YES                                 | NO                                  |                                     |                                     |                                     |
| SLO Fire Ambulance- Squad 1   |                                    | DP 2                       |                          |                                      | <input checked="" type="checkbox"/> |                                     |                                     |                                     |                                     |
| Life Line Ambulance M-502   |                                    | ICP – Medical Unit         |                          | 805-746-3473                         | <input checked="" type="checkbox"/> |                                     |                                     |                                     |                                     |
| Cal Star Helicopter/No hoist  |                                    | Santa Maria/Salinas/Gilroy |                          | 831-769-8899<br>CDF Dispatch         | <input checked="" type="checkbox"/> |                                     |                                     |                                     |                                     |
| CHP Helicopter H-70<br>Hoist (unavailable after 23:30)  |                                    | Paso Robles                |                          | 831-769-8899<br>CDF Dispatch         | <input checked="" type="checkbox"/> |                                     |                                     |                                     |                                     |
| SBC Helicopter 308<br>Hoist/Night Vision/Paramedic (available from SBC<br>Helibase for single mission requests) |                                    | Santa Ynez Airport         |                          | 805-692-5723<br>SBC Dispatch         | <input checked="" type="checkbox"/> |                                     |                                     |                                     |                                     |
| 7. HOSPITALS  |                                    |                            |                          |                                      |                                     |                                     |                                     |                                     |                                     |
| NAME  | ADDRESS                            |                            | TRAVEL TIME              |                                      | PHONE                               | HELIPAD                             |                                     | BURN CENTER                         |                                     |
|   |                                    |                            | AIR                      | GROUND                               |                                     | YES                                 | NO                                  | YES                                 | NO                                  |
| Mee Memorial<br>Lat: 36°12'30"<br>Long: 121°07'50"  | 300 Canal St.<br>King City, CA     |                            | 8<br>min                 | 35 min                               | 831-385-7220                        | <input checked="" type="checkbox"/> |                                     |                                     | <input checked="" type="checkbox"/> |
| Twin Cities<br>Lat: 35°-33'-20"<br>Long: 121°-07'-50"   | 1100 Las Tablas<br>Templeton, CA   |                            | 16<br>min                | 1 hr.-15<br>min.                     | 805-434-4553                        | <input checked="" type="checkbox"/> |                                     |                                     | <input checked="" type="checkbox"/> |
| Valley Medical<br>Lat: 37°18'51"<br>Long: 121°56'03"  | 751 S. Bascom Ave.<br>San Jose, CA |                            | 40<br>min                | N/A                                  | 408-885-6912                        | <input checked="" type="checkbox"/> |                                     | <input checked="" type="checkbox"/> |                                     |
| 8. MEDICAL EMERGENCY PROCEDURES   |                                    |                            |                          |                                      |                                     |                                     |                                     |                                     |                                     |

**LINE EMERGENCY:**

Crew Supervisor to contact Division Supervisor with patient complaint/condition and location.

- Division Supervisor contacts:
  1. Line EMT
  2. Communications Unit
- Communications Unit contacts:
  1. Medical Unit
  2. Operations
  3. Safety
- *Division Supervisor will run medical emergency on command channel*
- Communication Unit will clear command channel for emergency traffic
- Medical Unit will:
  1. Dispatch ground ambulance to nearest drop-point for ground transport only.
  2. Or after patient pickup, dispatch ambulance to Heli-base for Medical AIR EVAC Flight if needed
  3. Notify receiving hospital of injury status.

**CAMP EMERGENCY:**

Contact Medical Unit with patient complaint/condition and location. Medical Staff will respond to stabilize incident:

- Medical Unit contacts Communications, Safety and Operations

Prepared by (Medical Unit Leader)

Jan Purkett

10. Reviewed by (Safety Officer)

Jeff Saley

# CHALK FIRE EMERGENCY PHONE LIST

| <b>Incident Commander &amp; Staff</b> |                           |                           |                           |
|---------------------------------------|---------------------------|---------------------------|---------------------------|
| Incident Commander                    | Jim Smith                 | 805-878-4752              | 866-534-9676/866-534-8967 |
| Safety                                | Jeff Saley                | 805-866-2624              | 866-534-8968              |
| Information                           | Manny Madrigal            | 805-550-6905              | 866-534-5249/866-534-8865 |
| <b>Operations</b>                     |                           |                           |                           |
| Operations                            | Mike Sandwick/ Mike Boone | 805-377-0498/805-596-1698 |                           |
| Planning Operations                   | Scott Schuster            | 805-766-7458              |                           |
| Air Opts.                             | Brad Joos                 | 805-866-6970              |                           |
| Helibase                              | Steve Silva               | 559-359-2478              |                           |
| <b>Planning</b>                       |                           |                           |                           |
| Plans                                 | Bill Brickey              | 949-614-6133              | 866-534-7977              |
| Situation Unit                        | Mike Held/John Germanetti | 805-291-2617/714-403-3166 | 866-568-2542/866-598-4142 |
| Ground Support                        | Mike Nelson               | 805-698-9395              |                           |
| Demob                                 | Neil Bullock              | 661-342-1442              |                           |
| Weather                               | Jim Wallman               | 240-778-5299              | 866-534-5188              |
| <b>Logistics</b>                      |                           |                           |                           |
| Logistics Chief                       | Jamie Copple              | 805-455-5923              | 866-534-9680              |
| Communications                        | Rick Smith                | 805-714-8875              | 866-534-9636/866-534-8972 |
| Medical                               | Jan Purkett/Joe Tieso     | 805-896-6332/805-705-3358 | 866-534-9648              |
| Security                              | Greg Nordyke              | 928-308-8764              | 866-534-4720              |
| <b>Finance</b>                        |                           |                           |                           |
| Finance Section Chief                 | Judy Reynolds             | 805-559-3840              | 866-534-9639              |
| <b>Other Important Numbers</b>        |                           |                           |                           |
| CHP Dispatch                          |                           |                           | 831-769-8899              |
| Hunter Leggett Dispatch               |                           |                           | 831-386-2526/831-386-2513 |
| USFS Law Enforcement                  |                           |                           | 805-938-9142 xt. 0        |
|                                       |                           |                           |                           |
|                                       |                           |                           |                           |
|                                       |                           |                           |                           |
|                                       |                           |                           |                           |
|                                       |                           |                           |                           |
|                                       |                           |                           |                           |
|                                       |                           |                           |                           |
|                                       |                           |                           |                           |
|                                       |                           |                           |                           |
|                                       |                           |                           |                           |

<< For changes, please stop by the Communications Unit >>

## FINANCE MESSAGE OF THE DAY

The shift tickets below are examples of how Government Officers should fill them out. Please make sure that the Government Officer Signature block has a printed name and readable signature.

| EMERGENCY EQUIPMENT SHIFT TICKET  |  |  |  |   |
|---|--|--|--|---|
| NOTE: The responsible Government Officer will update this form each day or shift and make initial and final equipment inspections.  |  |  |  |   |
| 1. AGREEMENT NUMBER<br><b>55-91S8-2-1234</b>  |  | 2. CONTRACTOR (name)<br><b>Acme Trucking</b>   |  |   |
| 3. INCIDENT OR PROJECT NAME<br><b>Silver Creek</b>  |  | 4. INCIDENT NUMBER<br><b>CA-KNF-123</b>  |  | 5. OPERATOR (name)<br><b>Ray Ban</b>  |
| 6. EQUIPMENT MAKE<br><b>Freightliner</b>  |  | 7. EQUIPMENT MODEL<br><b>F4699 - Transport</b>   |  | 8. OPERATOR FURNISHED BY<br><input checked="" type="checkbox"/> CONTRACTOR <input type="checkbox"/> GOVERNMENT  |
| 9. SERIAL NUMBER<br><b>CA413BD0865356</b>   |  | 10. LICENSE NUMBER<br><b>A99998B</b>   |  | 11. OPERATING SUPPLIES FURNISHED BY<br><input checked="" type="checkbox"/> CONTRACTOR (wet) <input type="checkbox"/> GOVERNMENT (dry)   |
| 12. DATE<br>MO/DAY/YR<br><b>10/5/08</b>   |  | 13. EQUIPMENT USE<br>HOURS/DAYS/MILES (circle one)<br>START      STOP      WORK      SPECIAL<br><b>0630      2000      I      </b> |  | 14. REMARKS (released, down time and cause, problems, etc.)<br><b>Assigned to Division A.<br/><br/>Transports are released unless directed to stay in writing. One acceptable way to capture this is on the IAP or a General Message ICS 213 in file.</b> |
| 15. EQUIPMENT STATUS<br><input checked="" type="checkbox"/> a. Inspected and under agreement<br><input type="checkbox"/> b. Released by Government<br><input type="checkbox"/> c. Withdrawn by Contractor |  | 16. INVOICE POSTED BY (Recorder's Initials)  |  |   |
| 17. CONTRACTOR'S OR AUTHORIZED AGENT'S SIGNATURE<br><br><i>Ray Ban</i>  |  | 18. GOVERNMENT OFFICER'S SIGNATURE<br><br><i>John Doe, Equip. Manager (Print Name below signature)</i>                             |  | 19. DATE SIGNED<br><b>10/5/08</b>   |

| EMERGENCY EQUIPMENT SHIFT TICKET  |  |  |  |  |
|---|--|--|--|--|
| NOTE: The responsible Government Officer will update this form each day or shift and make initial and final equipment inspections.  |  |  |  |  |
| 1. AGREEMENT NUMBER<br><b>55-91S8-2-1234</b>  |  | 2. CONTRACTOR (name)<br><b>Smokey Bear Logging</b>   |  |  |
| 3. INCIDENT OR PROJECT NAME<br><b>Silver Creek</b>  |  | 4. INCIDENT NUMBER<br><b>CA-KNF-123</b>  |  | 5. OPERATOR (name)<br><b>Smokey T. Bear</b>  |
| 6. EQUIPMENT MAKE<br><b>Cat. Dozer</b>  |  | 7. EQUIPMENT MODEL<br><b>D5H</b>   |  | 8. OPERATOR FURNISHED BY<br><input checked="" type="checkbox"/> CONTRACTOR <input type="checkbox"/> GOVERNMENT   |
| 9. SERIAL NUMBER<br><b>D5H45897</b>   |  | 10. LICENSE NUMBER<br><b>N/A</b>   |  | 11. OPERATING SUPPLIES FURNISHED BY<br><input checked="" type="checkbox"/> CONTRACTOR (wet) <input type="checkbox"/> GOVERNMENT (dry)  |
| 12. DATE<br>MO/DAY/YR<br><b>10/5/08</b>   |  | 13. EQUIPMENT USE<br>HOURS/DAYS/MILES (circle one)<br>START      STOP      WORK      SPECIAL<br><b>0630      1830           </b> |  | 14. REMARKS (released, down time and cause, problems, etc.)<br><b>Dozer was broken down from 1300 to 1430.<br/>Dozers are paid daily rates. We prefer actual hours worked on shift ticket.</b> |
| 15. EQUIPMENT STATUS<br><input checked="" type="checkbox"/> a. Inspected and under agreement<br><input type="checkbox"/> b. Released by Government<br><input type="checkbox"/> c. Withdrawn by Contractor |  | 16. INVOICE POSTED BY (Recorder's Initials)  |  |  |
| 17. CONTRACTOR'S OR AUTHORIZED AGENT'S SIGNATURE<br><br><i>Smokey T. Bear</i>   |  | 18. GOVERNMENT OFFICER'S SIGNATURE<br><br><i>John Doe, Div. Sup. (Print Name below signature)</i>                                |  | 19. DATE SIGNED<br><b>10/5/08</b>  |

If equipment paid on a daily rate breaks down, an hourly rate will be determined by dividing that daily rate by the shift length. The hourly rate will be paid for those hours of actual work time.



# CHALK FIRE SUPPRESSION REHABILITATION/REPAIR

## REHABILITATION OBJECTIVES

1. Minimize surface and gully erosion
2. Expedite regrowth of vegetative cover
3. Minimize visual impacts

### General:

- Pick up and remove all garbage.
- Report any damages or needs to the ICP, Resource Advisor.
- Repair fences damaged resulting from fire suppression activities, identify locations to Plans Section.

### Trail Rehabilitation

- Remove cut vegetation, rocks, trees, and soil from trail.
- Where trees or shrubs were felled, cut stumps flush with ground and scatter limbs.
- Re-establish minimum 24" tread and repair cross drains where segments of trail have been affected by suppression activities.
- To keep hikers off firelines, use native materials to construct barriers across fireline where it intersects with recreation trails.
- Knock down berms where created and pull back over trail.

### Helispots, Drop Points

- Replace native material (soil & duff)
- Pull back brush, berms, rocks, and spread over width of helispot/drop point.
- Pick up and remove all flagging, garbage, litter, and equipment

### Hand Lines

- Move displaced native material (soil & duff) back onto line.
- Fill in troughs.
- Pull back brush and berms and spread over the width of break. (On sites with high potential for erosion, you may need to cut additional brush from adjacent non-impacted areas – flush cut with ground)
- Leave tops of felled trees attached, this will appear more natural.
- Cut waterbreaks diagonal to fire line, where natural drains occur and construct as natural as possible. If possible, at natural drain direct outlet of water into a clump of brush or rocks.

### Dozer Lines, Safety Zones

- Use small dozer (e.g., D5) and/or excavator to rehab line.
- When line cuts through chaparral: pull back brush, berms and rocks, and spread over width of break.
- When line cuts through grassland: pull back berms and rocks, and spread over width of break.
- Back blade berms perpendicular to fire line on moderate grades (0-10%).
- Install water bars on all dozer lines over 10% slope (as per attached table) or as marked/indicated by Suppression Rehab Team member.
- Assure no water bars channel water into unstable terrain (landslides) below.
- Where grade is too steep or line too narrow for effective dozer work, water bars will be hand constructed.

## CHALK FIRE SUPPRESSION REHABILITATION/REPAIR

So remember, when locating and building water bars, place them the right **distance** apart, at a **diagonal** to the fireline, so that they **divert**, then **discharge**, then **dissipate** the energy of the flowing water. Be sure to make them durable.

| Fireline slope<br>% | Maximum Distance Apart<br>(feet) |
|---------------------|----------------------------------|
| 1-6.....            | 300                              |
| 7-9.....            | 200                              |
| 10-14.....          | 150                              |
| 15-20.....          | 90                               |
| 21-40.....          | 50                               |
| 41-60.....          | 25                               |

**Recommended spacing for waterbars on firelines.**  
Waterbars should be no further apart than this, but they may be closer. When in doubt, put in more. From: UDSA-Forest Service, "Sale Administrator's Handbook"

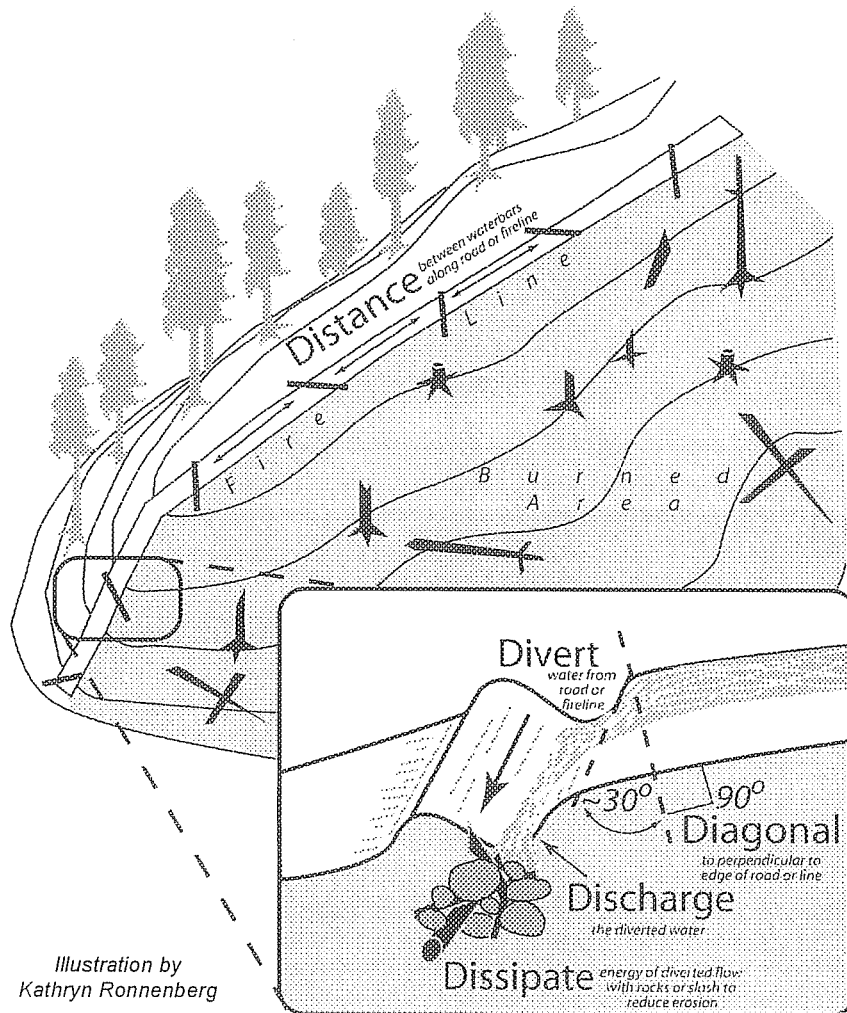


Illustration by  
Kathryn Ronnenberg

# Wilderness Minimum Impact Fire Suppression Guidelines

## MIST

### Minimum Impact Suppression Guidelines for Forest Service Wilderness Areas

#### Fuel Management

##### Hot-line/Ground Fuels

- Allow fire to burn to natural barriers.
- Use cold-trail, wet line or combination when appropriate.
- If constructed fire line is necessary, use only width and depth to check fire spread.
- Constantly re-check cold trailed fire line.

##### Hot-line/Aerial Fuels

- Limb vegetation adjacent to fire line only as needed to prevent additional fire spread.
- During fire line construction, cut shrubs or small trees only when necessary. Make all cuts flush with the ground.
- Minimize felling of trees and snags unless they threaten the fire line or seriously endanger workers. In lieu of felling, identify hazard trees with a lookout or flagging.
- Scrape around tree bases near fire line if it is likely they will ignite.

##### Mop up/Ground Fuels

- Do minimal spading; restrict spading to hot areas near fire line.
- Cold-trail charred logs near fire line; do minimal tool scarring.
- Minimize bucking of logs near fire line or to check for hot spots; roll the logs instead if possible.
- Return logs to original position after checking and when ground is cool.
- Refrain from making bone yards; burned and partially burned fuels that were moved should be returned to a natural arrangement.
- Consider allowing large logs to burnout. Use a lever rather than bucking to manage large logs which must be extinguished.
- Use gravity socks in stream sources and/or a combination of water blivits and fold-a-tanks to minimize impacts to streams.
- Consider using infrared detection devices along perimeter to reduce risk.

##### Mop up/Aerial Fuels

- Remove or limb only those fuels which if ignited have potential to spread fire outside the fire line.
- Before felling consider allowing ignited tree/snag to burn itself out. Ensure adequate safety measures are communicated if this option is chosen.
- Identify hazard trees with a lookout or flagging.
- Align saw cuts to minimize visual impacts from more heavily traveled corridors. Slope cut away from line of sight where possible.

## Logistics

### **Campsite Considerations**

- Locate facilities outside of wilderness whenever possible.
- Coordinate with the Resource Advisor in choosing a site with most reasonable qualities of resource protection and safety concerns.
- Evaluate short-term low impact camps such as cyote or spike versus use of longer-term higher impact camps.
- New site locations should be on impact resistant and naturally draining areas such as rocky or sandy soils, or openings.
- Avoid camps in meadows, along streams or on lakeshores. Locate at least 200 feet from lakes, streams, trails, or other sensitive areas.
- Consider impacts on both present and future users. An agency commitment to wilderness values will promote those values to the public.
- Lay out the camp components carefully from the start. Define cooking, sleeping, latrine, and water supply.
- Minimize the number of trails and ensure adequate marking.
- In NFS wilderness use brief relief portable toilet system.
- Do not use nails in trees.
- Constantly evaluate the impacts which will occur, both short and long term.

### **Personal Camp Conduct**

- Use “leave no trace” camping techniques.
- Minimize disturbance to land when preparing bedding site. Do not clear vegetation or trench to create bedding sites.
- Use stoves for cooking, when possible. If aw campfire is used, limit to one site and keep it as small as reasonable. Build either a “pit” or “mound” type fire. Avoid use of rocks to ring fires.
- Use down and dead firewood. Use small diameter wood, which burns down more cleanly.
- Don’t burn plastics or luminum- “pack it out” with other garbage.
- Select travel routes between camp and fire and define clearly.
- Carry water and bathe away from lakes and streams. Personnel must not introduce soaps, shampoos or other personal grooming chemicals into waterways.

## Aviation Management

One of the goals of wilderness managers is to minimize the disturbance caused by air operations during an incident.

### **Aviation use Guidelines**

- Maximize back haul flights as much as possible.
- Use long line remote hook in lieu of constructed helispots for delivery or retrieval of supplies and gear. (Promote the use of llamas.)
- Take precautions to insure noxious weeds are not inadvertently spread through the deployment of cargo nets and other external loads.

- Use natural openings for helispots and paracargo landing zones as far as practical. If construction is necessary, avoid high visitor use areas.
- Consider maintenance of existing helispots over creating new sites.
- Obtain specific instructions for appropriate helispot construction prior to the commencement of any ground work.
- Consider directional falling of trees and snags so they will be in a natural appearing arrangement.
- Buck and limb only what is necessary to achieve safe/practical operating space in and around the landing pad area.

### **Retardant Use**

- During initial attack, fire managers must weigh the non-use of retardant with the probability of initial attack crews being able to successfully control or contain a wildfire. If it is determined that use of retardant may prevent a larger, more damaging wildfire, then the manager might consider retardant use even in sensitive areas. This decision must take into account all values at risk and the consequences of larger firefighting forces' impact on the land.
- Consider impacts of water drops versus use of foam/retardant. If foam/retardant is deemed necessary consider use of foam before retardant use.

### **Hazardous Materials**

#### **Flammable/Combustible Liquids**

- Store and dispense aircraft and equipment fuels in accordance with National Fire Protection Association (NFPA) and Health and Safety Handbook requirements.
- Avoid spilling or leakage of oil or fuel, from sources such as portable pumps, into water sources or soils.
- Store any liquid petroleum gas (propane) downhill and downwind from fire camps and away from ignition sources.

#### **Flammable Solids**

- Pick up residual fuses debris from the fire line and dispose of properly.

#### **Fire Retardant/Foaming Agents**

- Do not drop retardant or other suppressants near surface waters.
- Use caution when operating pumps or engines with foaming agents to avoid contamination of water sources.

## Retardant and Foam Information Tracking Form

Use this form to record your observations of retardant or foam that lands within 300 feet of any water bodies. Water bodies include all wet areas (streams, ponds, seeps). Return all Information and this form to the Resource Advisor.

Incident Name:

Name of observer and position:

Date of delivery or discovery:

Location (Name of water body, division, landmark, GPS if possible):

Retardant / Foam present / Gel (water enhancer)? (circle one)

Note kind of material, if known:

Type of delivery: Air / Ground (circle one)

Estimated amount (gallons)?



## Human Resource Message Chalk Fire

# PREVENT SEXUAL HARASSMENT

SEXUAL HARASSMENT at work, including emergency incidents, occurs whenever unwelcome conduct on the basis of gender, adversely affects a person's ability to do their job, and contributes to a hostile work environment. Sexual harassment includes, but is not limited to, the following types of conduct:

- ✦ Unwelcome sexual advances
- ✦ Requests for sexual favors
- ✦ Discussing sexual activities
- ✦ Telling off-color jokes
- ✦ Unnecessary touching
- ✦ Displaying sexually suggestive pictures
- ✦ Using demeaning or inappropriate terms
- ✦ Using indecent gestures
- ✦ Using crude and offensive language
- ✦ Commenting on physical attributes

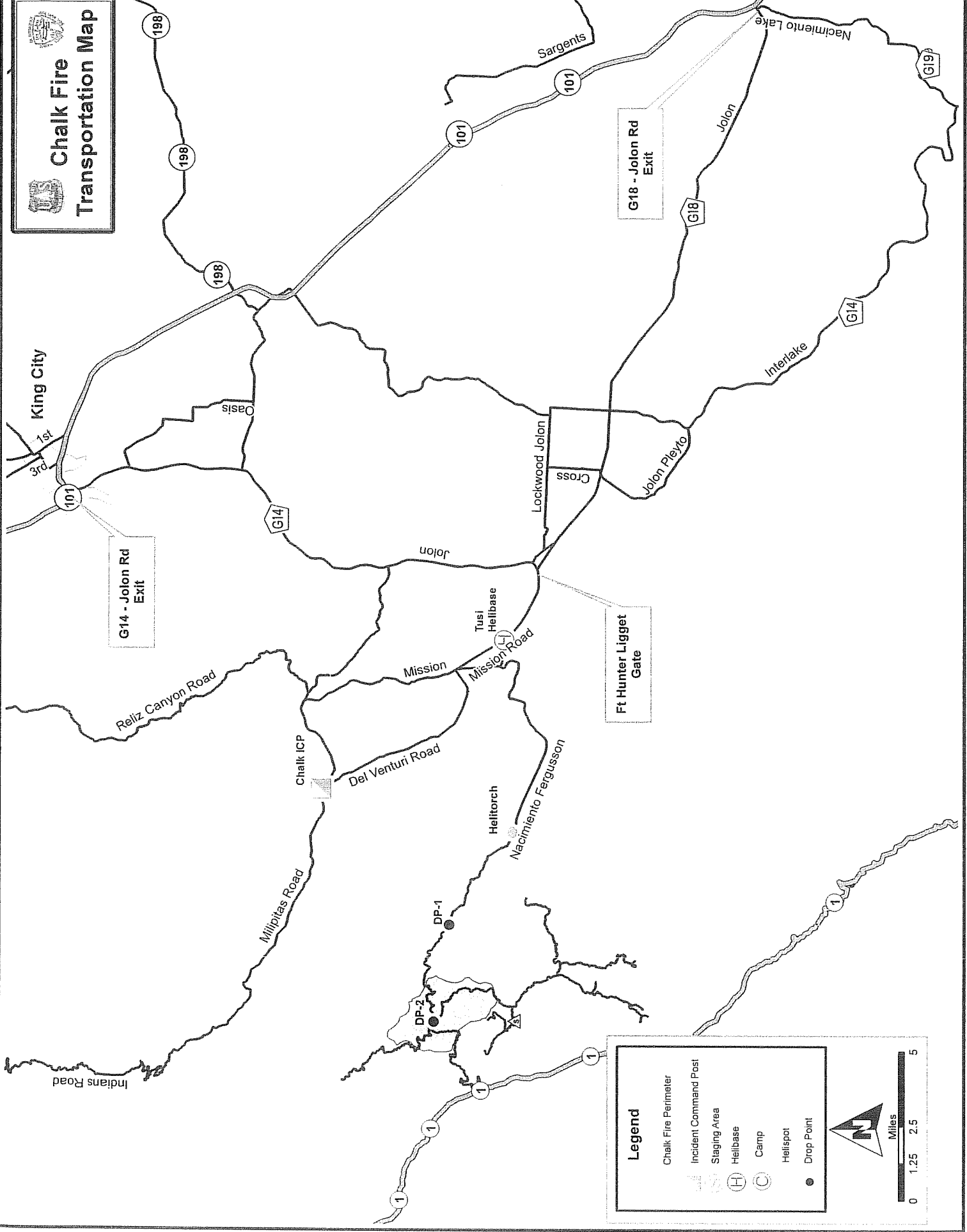
"Inappropriate behavior is harassment including sexual and racial harassment and shall not be tolerated". Fireline Handbook, Chapter 6, Common Responsibilities.

Eugene Rose  
Human Resources Specialist



Steve Branch  
Human Resources Specialist (Trainee)

**Chalk Fire  
Transportation Map**



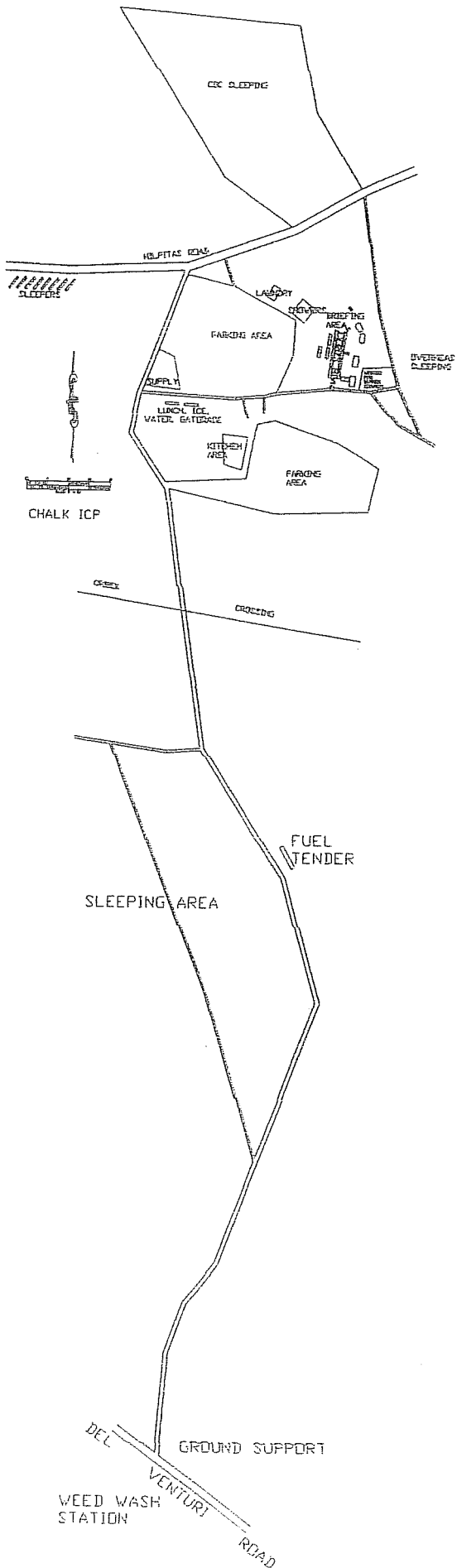
**Legend**

- Chalk Fire Perimeter
- Incident Command Post
- Staging Area
- Helibase
- Camp
- Helispot
- Drop Point

Miles  
0 1.25 2.5 5

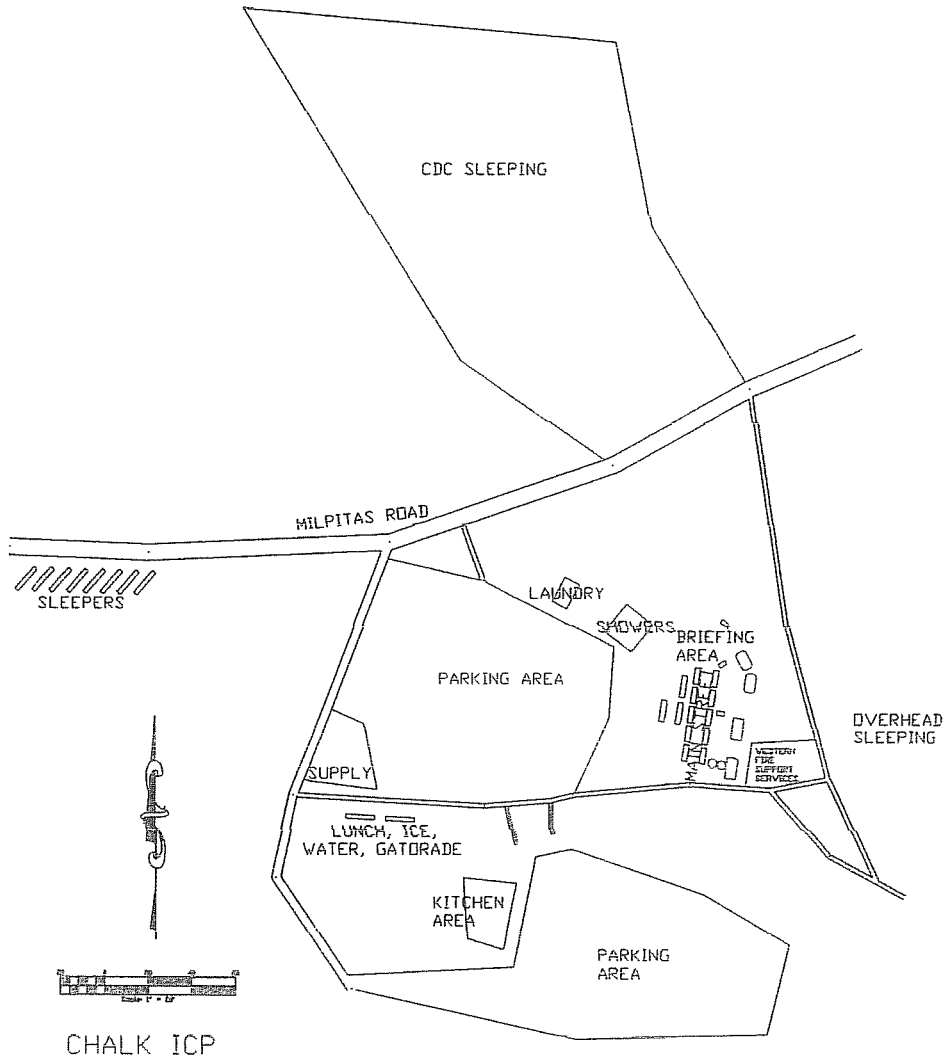


BASE CAMP  
CHALK ICP  
10/1/2008

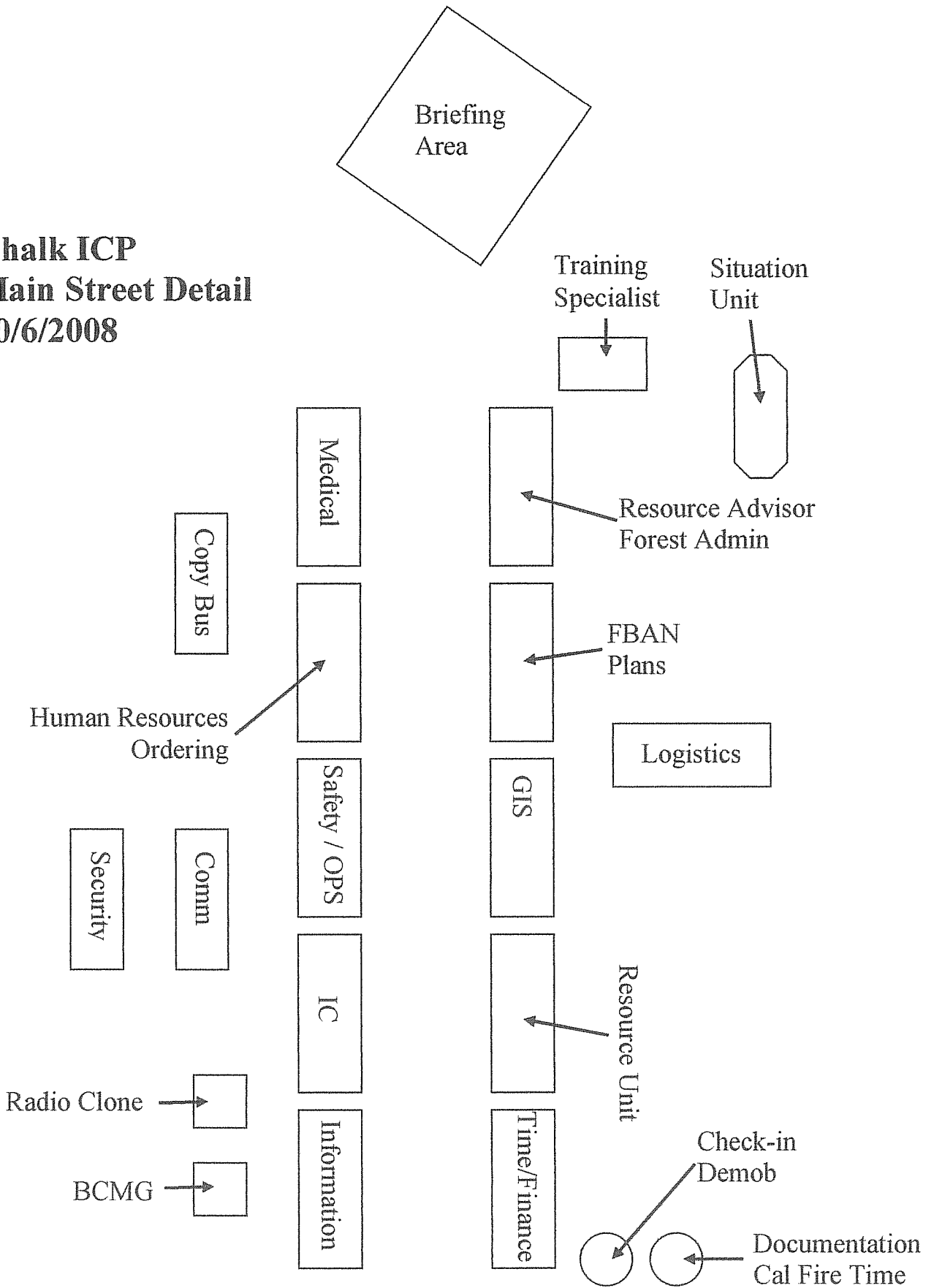


# BASE CAMP CHALK ICP

10/1/2008



**Chalk ICP  
Main Street Detail  
10/6/2008**



|                                    |  |                          |  |                                    |           |                  |                       |
|------------------------------------|--|--------------------------|--|------------------------------------|-----------|------------------|-----------------------|
| UNIT LOG                           |  | 1. Incident Name         |  | 2. Date Prepared                   |           | 3. Time Prepared |                       |
|                                    |  | 4. Unit Name/Designators |  | 5. Unit Leader (Name and Position) |           |                  | 6. Operational Period |
| 7. Personnel Roster Assigned       |  |                          |  |                                    |           |                  |                       |
| Name                               |  | ICS Position             |  |                                    | Home Base |                  |                       |
|                                    |  |                          |  |                                    |           |                  |                       |
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| 8. Activity Log                    |  |                          |  |                                    |           |                  |                       |
| Time                               |  | Major Events             |  |                                    |           |                  |                       |
|                                    |  |                          |  |                                    |           |                  |                       |
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| 9. Prepared by (Name and Position) |  |                          |  |                                    |           |                  |                       |