

Appendix AQ-2

Example Incident Action Plan

Shake-Fiddle

Prescribed Burn



CA AEU 3356

Feb 12, 2018

2018 Shake Fiddle VMP Overview

Objectives:

To use prescribed fire in plots within the Shake Fiddle VMP to maintain the shaded fuel break and increase fire protection.

Map:

See attached map in IAP

Fuel Type:

Timber understory

Burn Dates:

2-12-18 through 2-15-18

Burn Hours:

Dependent on weather... Burning to start at approximately 900 hours and cease at 1800 hours

Weather Limitations:

See prescription in IAP.

Organizational Structure:

BC Blankenheim/BC Bohall/ IC, Safety, Operations

FC Zumkeller : Firing Group Supervisor

FC Chadderton: Holding Group Supervisor

Organizational Responsibilities

Blankenheim:

Organize Resources for Burn

All contacts with AQMD personnel

FC-400 notification

All contacts with ECC and AEU Duty Chief

Conduct on site briefings

Organize all firing supplies and vehicle to hold them

Prepare Incident Action Plan

Monitor weather conditions up to burn

Assist with onsite briefing

Spot weather forecasts

Coordinate with Amador County Air Pollution

Coordinate with SPI.

McDaniel

Post all required notifications

All contacts with environmental management agencies

Request variance on no burn day

Resource Commitment

Monday 2-12-18

B 2713
E2753 – FC Chadderton + 3
E2764 – Bermúdez + 2
Pine Grove Crew 1 Agustin (on delay only if needed.)

Tuesday 2-13-18 (If conditions allow)

B 2713
FC 2723 (Newman)
E2753 – FC Chadderton +2
E2754 – FAE Bermudez +1
Pine Grove Crew 1 Agustin (On delay only if needed.)

Wednesday 2-14-18

B 2713
FC 2723 (Newman)
E2753 – FC Chadderton +2
E2754 – FAE Bermudez +1
Pine Grove Crew 1 Agustin (On delay only if needed.)

Thursday-2-15- Sunday 2-18

Patrol and mop up as needed, Resources TBA based on weather conditions.

| | | | |
|--|--|---|-----------------|
| INCIDENT OBJECTIVES | 1. Incident Name Shake-Fiddle VMP | 2. Date 2-12-18 | 3. Time 0900 |
| 4. Operational Period 2-12-18 0800-2000 | | | |
| 5. General Control Objectives for the Incident (include alternatives) <ul style="list-style-type: none"> • Decrease fuel loading to maintain the shaded fuel break • Minimize smoke impacts to the communities. • Utilize appropriate burn techniques to accomplish goals while minimizing resource damage • Provide personnel live fire training • Maintain fire within established control lines | | | |
| 6. Weather Forecast for Period <ul style="list-style-type: none"> • See Spot Weather Forecast in IAP | | | |
| 7. General Safety Message <ul style="list-style-type: none"> • Prescribed fire should be treated as with any live fire situation • Watch weather and note trends and changes • Maintain situational awareness with other FF's on burn • Maintain LCES whenever live fire is present • All firing will be conducted and suspended on approval of IC and Firing Group Supervisor • Be aware of the beetle kill trees | | | |
| 8. Attachments (mark if attached) | | | |
| <input type="checkbox"/> Organization List - ICS 203 | <input checked="" type="checkbox"/> Medical Plan - ICS 206 | <input checked="" type="checkbox"/> Safety Message | |
| <input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204 | <input checked="" type="checkbox"/> Incident Map | <input checked="" type="checkbox"/> Spot Weather Forecast | |
| <input checked="" type="checkbox"/> Communications Plan - ICS 205 | <input type="checkbox"/> Traffic Plan | <input checked="" type="checkbox"/> VMP Rx | |

| | | | | | | | |
|---|-------------------|---|---------------------------|-----------------------------------|------------------|--------------|---------|
| DIVISION ASSIGNMENT LIST | | 1. Branch | | 2. Division/Group Firing Group | | | |
| 3. Incident Name Shake-Fiddle VMP | | 4. Operational Period Date: 2-12-18 Time: 0800-2000 | | | | | |
| 5. Operations Personnel | | | | | | | |
| Operations Chief | Blankenheim | | Division/Group Supervisor | | Zumkeller | | |
| Branch Director | | | Air Attack Supervisor No. | | | | |
| 6. Resources Assigned this Period | | | | | | | |
| Strike Team/Task Force/ Resource Designator | Leader | Number Persons | Trans. Needed | Drop Off PT./Time | Pick Up PT./Time | | |
| E2753 | Zumkeller | 3 | | | | | |
| E2754 | Bermudez | 2 | | | | | |
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| 7. Control Operations Conduct Prescribed Fire Operations under the direction of the Firing Group Supervisor and IC No head fire towards control lines Suppress any hostile fire outside control lines Evaluate firing if spots occur | | | | | | | |
| 8. Special Instructions Maintain Radio Communications at all times Maintain SA with crew and adjoining forces Maintain holding forces and tactics with all firing Minimize smoke impacts to Shake Ridge Road, Utilize traffic control if necessary Limit water usage | | | | | | | |
| 9. Division/Group Communication Summary | | | | | | | |
| Function | Frequency | System | Channel | Function | Frequency | System | Channel |
| Command | Amador Command | BK HT | 3 | | | King NIFC | |
| Tactical Div/Group | CDF Tac 8 | BK HT | 7 | | | King NIFC | |
| Prepared by (Resource Unit Ldr.) C. Blankenheim | | Approved by (Planning Sect. Ch.) | | Date 2-11-18 | | Time 0900 | |

| DIVISION ASSIGNMENT LIST | | 1. Branch | | 2. Division/Group Holding Group | | | |
|--|--------------------------|--|------------------|---------------------------------|------------------|-----------------|--------------|
| 3. Incident Name Shake-Fiddle VMP | | 4. Operational Period Date: 2-12-18 | | | | Time: 0800-2000 | |
| 5. Operations Personnel | | | | | | | |
| Operations Chief | | Blankenheim | | Division/Group Supervisor | | Chadderton | |
| Branch Director | | | | Air Attack Supervisor No. | | | |
| 6. Resources Assigned this Period | | | | | | | |
| Strike Team/Task Force/ Resource Designator | Leader | Number Persons | Trans. Needed | Drop Off PT./Time | Pick Up PT./Time | | |
| 2754 | Bermudez | 2 | | | | | |
| Pine Grove 1 | Agustin (only if needed) | 4 | | | | | |
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| 7. Control Operations Conduct Prescribed Fire Operations under the direction of the Firing Group Supervisor and IC No head fire towards control lines Suppress any hostile fire outside control lines Evaluate firing if spots occur | | | | | | | |
| 8. Special Instructions Maintain Radio Communications at all times Maintain SA with crew and adjoining forces Maintain holding forces and tactics with all firing Minimize smoke impacts to Shakeridge Road, Utilize traffic control if necessary Limit water usage | | | | | | | |
| 9. Division/Group Communication Summary | | | | | | | |
| Function | Frequency | System | Channel | Function | Frequency | System | Channel |
| Command | Amador Command | BK HT | 3 | | | King NIFC | |
| Tactical Div/Group | CDF Tac 8 | BK HT | 7 | | | King NIFC | |
| Pre.pared by (Resource Unit Ldr.) C Blankenheim | | Approved by (Planning Sect. Ch.) | | | Date 2-11-18 | | Time 0900 |

| INCIDENT RADIO COMMUNICATIONS PLAN | | 1. Incident Name Shake-Fiddle VMP | | 2. Date/Time Prepared 10-30-17 | | 3. Operational Period Date/Time 11-1-17 0800-2000 | |
|--|---------|--------------------------------------|--|-----------------------------------|--|--|--|
| 4. Basic Radio Channel Utilization | | | | | | | |
| Radio Type/Cache | Channel | Function | Frequency/Tone | Assignment | Remarks | | |
| BK HT | 3 | Amador Command | RX 153.9350 Tone 2 TX 158.8800 | Command | For IC use with Camino ECC Tone 2 | | |
| BK HT | 7 | CDF Tac 8 | 151.3700 | Incident Tactical | Incident Operations | | |
| BK HT | 20 | Cal Cord | 156.0750 | Air to Ground EMS | For use with any Air Ambulance | | |
| BK HT | 1 | AEU Local | RX 151.190 Tone 2 TX 159.2250 | Emergency Use Only | Use to Declare Emergency Tone 2 | | |
| King NIFC | | | | | | | |
| King NIFC | | | | | | | |
| King NIFC | | | | | | | |
| 5. Prepared by (Communications Unit) C. Blankenheim | | | | | | | |

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|---------------------|------------------|------------------|------------------|-----------------------|
| MEDICAL PLAN | 1. INCIDENT NAME | 2. DATE PREPARED | 3. TIME PREPARED | 4. OPERATIONAL PERIOD |
| | Shake Fiddle VMP | 2-11-18 | 0900 | 2-12-18 0800-2000 |

5. INCIDENT MEDICAL AID STATION

| MEDICAL AID STATIONS | LOCATION | PARAMEDICS | |
|----------------------|---|--------------------------|-------------------------------------|
| | | YES | NO |
| CAL FIRE Engines | CAL FIRE Engines are BLS equipped and staffed with EMTs | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | | <input type="checkbox"/> | <input type="checkbox"/> |
| | | <input type="checkbox"/> | <input type="checkbox"/> |
| | | <input type="checkbox"/> | <input type="checkbox"/> |
| | | <input type="checkbox"/> | <input type="checkbox"/> |

6. TRANSPORTATION

A. AMBULANCE SERVICES

| NAME | ADDRESS | PHONE | PARAMEDICS | |
|-----------------|------------------------------------|--------------|-------------------------------------|--------------------------|
| | | | YES | NO |
| American Legion | 12134 Airport Road Sutter Creek CA | 209-267-2963 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> |

B. INCIDENT AMBULANCES

| NAME | LOCATION | PARAMEDICS | |
|------|----------|--------------------------|--------------------------|
| | | YES | NO |
| na | na | <input type="checkbox"/> | <input type="checkbox"/> |
| | | <input type="checkbox"/> | <input type="checkbox"/> |
| | | <input type="checkbox"/> | <input type="checkbox"/> |
| | | <input type="checkbox"/> | <input type="checkbox"/> |
| | | <input type="checkbox"/> | <input type="checkbox"/> |

7. HOSPITALS

| NAME | ADDRESS | TRAVEL TIME | | PHONE | HELIPAD | | BURN CENTER | |
|-------------------|----------------------------------|--|--|----------------|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|
| | | AIR | GRND | | YES | NO | YES | NO |
| | | | | | | | | |
| Marshall Hospital | 200 Mission BLVD Jackson CA. | <input type="checkbox"/> | <input checked="" type="checkbox"/> 30 Min | (530) 622-1441 | X | | | <input checked="" type="checkbox"/> |
| UC Davis | 2315 Stockton BLVD Sacramento CA | <input checked="" type="checkbox"/> 30 Min | <input checked="" type="checkbox"/> 90 Min | (916) 734-2011 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

8. MEDICAL EMERGENCY PROCEDURES

All injuries will be reported immediately to the Incident Commander on Tac 8. The Incident Commander will activate EMS resources though Camino ECC.

Treatment and transportation decisions will be made by the appropriate level supervisor.

All burn injuries will receive the appropriate level of care per CAL FIRE policy,

| | |
|--|----------------------------------|
| 9. PREPARED BY (MEDICAL UNIT LEADER) C. Blankenheim | 10. REVIEWED BY (SAFETY OFFICER) |
|--|----------------------------------|

PRESCRIPTION FOR FUEL MOISTURE, WEATHER, AND SOILS:

- a. Relative Humidity (%): **20 - 60**

- b. Air Temperature (Dry Bulb °F): **50° - 82°F**

- c. Wind Direction: **S, SW, W, NW**

- d. Wind Speed (mph):
Midflame: **2 - 8**
20 foot windspeed: **6 - 14**

- e. Fuel Moisture - 1 Hr (%): **5-10**
 10 Hr (%): **7-11**
 100 Hr (%): **8-12**
 1000 Hr (%): **9-15**
 Herb Fuel Moisture: **100%**
 Live Woody Fuel Moisture: **60%-150%**

- f. Soil Moisture: **Soil moisture for purposes of this prescription is not a critical factor with respect to implementation. Project burning will occur in the spring and the fall seasons. Soil moisture will range from fairly saturated in the spring to fairly dry in the fall. Test burning and an evaluation of the 10 hr. fuel moisture sticks will determine the point at which soil moisture may affect project objectives.**

- b. Duff Moisture: **Soil moisture for purposes of this prescription is not a critical factor with respect to implementation. Project burning will occur in the spring and the fall seasons. Duff moisture will range from fairly saturated in the spring to completely dry in the fall. Test burning will determine the point at which duff moisture may affect project objectives.**

- c. Precipitation and Days Since Rain: **N/A**

SAFETY MESSAGE

Shake Fiddle VMP Prescribed Burn

“Whether we are “TRAINING” or engaged in “ACTIVE FIRE SUPPRESSION EFFORTS”, the same safety concepts apply.

- 1. Winds:** A change in wind speed and or direction can dramatically change the fires rate of spread and flame length.
- 2. Hydration:** The combination of warm weather and firing operations requires that you continually drink water throughout the day
- 3. Situational Awareness:** Continually assess and re-assess the fire and the environment you are working in.
- 4. PPE:** All PPE must be worn during firing operations!
- 5. Special hazards:** There are beetle kill trees within the burn plots, use caution around them as they can drop branches at anytime
- 6. Vehicle traffic:** Some control lines are along busy roadways. Use extreme caution when working around them. Use pilot cars if needed.

Other considerations

- Watch your footing
- If you are unclear on instructions, ask for clarification!

Lookouts ***C***ommunications ***E***scape Routes ***S***afety Zones

Prepared by: Charlie Blankenheim

Operational Period: 11-1-17