## Pioneer Incident Action Plan

Sunday June 16, 2024
Morning Radio Briefing: 0700
Operational Period: 0600-2200
WA-SES-000173
USFS PNRZ79 (1522) - DOI RZ79 - DNR 221-LDW


## Health \& Safety Message

## Bears, Rattlesnakes, Bees, Mice and Pack Rats

1. Bears are in the area. Pack all garbage and left over food off the line. Pack it to Lucerne FOB and dispose of it in dumpster. Do not leave food in a tent or line gear.
2. All garbage not disposed of properly will attract bears, mice and pack rats. They are very abundant in the fire area. They will eat through your line gear.
3. Rattlesnakes are present in the fire area. Do not stick your hands under rocks and down trees or logs. In this cool weather they may be out sunning themselves. They are very abundant around Antalon Lake.
4. If allergic to bees make sure that crew members know. Carry an EpiPen as prescribed by your doctor. Also tell the medical personnel in your divisions. You may carry Benadryl to treat a bee sting if you don't know or have never been stung. You may be allergic even if you have been stung before. Each sting is different.

Public traffic has increased on the 8200 road. Drive defensively and assume on coming traffic in the area. Dump trucks have the right of way whether going up or down. Grab nearest turnout and wait for them. Beware of soft shoulders.

| Notes |
| :--- | :--- |
| Please Send Photos To |
| 2024.pioneer@firenet.gov |

## FINANCE MESSAGE

Finance Email: 2024.pioneer.finance@firenet.gov
Finance Phones: Equipment (208) 891-6877 \& TIME (208) 891-8036
This incident requires electronic documentation. Please email your time to the address above. Scanned PDF's please, no.jpeg's. Feel free to call finance for help if needed. Scanners are also available at ICP.

## Required Documents

| Overhead, Agency Crews \& Cooperators | Contract Resources |
| :---: | :---: |
| Finance docs needed: Resource Order, Manifest, Cooperative Agreement, Casual Hire Form w/ECI\# (as applicable) | Finance docs needed: Resource Order, Manifest, Full Contract/Agreement, Certifications (if required) Pre-Inspection |
| Daily: CTRs, Shift Tickets | Daily: CTRs, Shift Tickets, receipts (claims, etc.) <br> NOTE: Document travel times and odometer readings |
| Demob: Signed OF-288; Signed OF-286 | Demob: Contractor Evaluations, Shift Tickets, receipt(s) for Addition/Deductions, Post-Inspection, Signed OF-286 |
| Additional Incident Information: <br> Cooperators and AD's...PLEASE email us your agreements! | Please call finance regarding issues with your time: O-15 James, Matthew O-49 Zemke, Jeremy O-16 Gregory, Spencer O-67 Lathrop, Adam O-24 Cronk, Charlie C-2 Wenatchee River |

## Incident Name: Pioneer <br> Incident Number: WA-SES-000173

Financial codes:
WA DNR - 221-LDW
DOI - RZ79
USDA - PNRZ79 (1522)
Please make sure you check in using QR code on the front of the IAP and then email your time daily. THANK YOU!!

| CHECK-IN | DEMOB |
| :--- | :--- |
| Please complete the virtual check-in process via the QR <br> code on the front cover. <br> You are not checked in until you provide the following: <br> - Red Cards <br> - Roster/Manifest | Fliers complete the "Air Travel Request" via the QR <br> code on the front cover 72 hours prior to flight date. |
| Please email documents to: <br> 2024.pioneer.demob@firenet.gov <br> - <br> - Return supplies to the Cache <br> Contact Finance about closing out your paperwork <br> Once the above items have been completed, SCAN <br> the QR code on the front cover and complete the <br> demob questions. |  |
| If you have any questions about Check-In or DEMOB please email demob at 2024.pioneer.demob@firenet.gov or <br> call 509-661-5372. Please include your request number in the subject line when emailing. |  |


| INCIDENTOBJ ECTIVES | 1．Incident Name <br> Pioneer | 2．Date <br> J une 15，2024 | 3．Time <br> 2000 |
| :---: | :---: | :--- | :--- |

## 4．Operational Period：06／ 16 0600－2200

## 5．General Objectives：

Implement suppression strategies and objectives for short／long－term planning．
－Provide for firefighter and public safety through hazard identification and application of a shared risk management process．
－Coordinate public information to provide timely updates to agency partners，cooperators，and the public．
－Coordinate suppression activities with READs to identify current and future impacts on the landscape．
－Effectively manage and track costs with daily IAP reporting．
－Coordinate with agency leadership／administrators to ensure effective and efficient management of firefighting resources．
－Identfiy best course of action for firefighter support，both logistically and operationally．
Operational objectives：
－Implement a point protection strategy to protect private and federal infrastructure．
－Triage additional infrastructure within fire planning area to minimize the potential impact to these sites．
－Communicate with local law enforcement officials to ensure current and potential evacuations is coordinated．
－Evaluate current fire conditions，identify／utilize features that could lead to fire growth，and validate strategic indirect（new／historical）control lines．
－Utilize appropriate tactics for current／future fire environment and the predominantly wilderness landscape ．
－Develop a long－term strategic plan for suppression of the incident．

5a．Incident Requirements
－Provide Agency Administrator updates and briefings on incident status．
－Firefighting operations will implement tactics that offer the highest probability of success to minimize impacts to the landscape and minimize unnecessary exposure to firefighters．
－Incident values are firefighter and public safety，critical infrastructure，private land and natural resources．

## 5b．Leaders Intent

－Safety：Firefighter，public，boat and aviation safety will be addressed through DRA process．
－ISAP：Engage agencies with strategic alignment process，for shared values at risk．
－Communication：Keep Agency Administrators and firefighters informed of strategic actions，accomplishments，and challenges．
－Operations：Make informed strategic／tactical decisions suppressing the fire in the right geographic locations with the appropriate resources and highest probability of success．
－Stakeholders：Collaborate with local partners，officials，and landowners to provide situational updates pertinent to the fire．
－Logistics：Provide support ensuring food，water，and shelter for incident responders．
－Human Resources：Ensure that all incident personnel are treated with dignity and respect，while having zero tolerance for harassment，alcohol，or illegal drug use．
－Public Information：Provide timely and accurate information through media outlets，briefings，and social platforms as needed．
－Finance：Monitor and communicate incident cost associated with meeting incident objectives．
－Planning：Provide incident documentation，resource tracking，and meeting management．

6．Weather Forecast \＆General Safety Message for Period－See Attached

| 7. | Attachments（mark if attac hed） |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 区 | Organization List－ICS 203 | 区 | Weather Forecast | 区 | Safety Message |
| 区 | Div．Assignment Lists－ICS204 | 区 | Fire Behavior Forecast | $\square$ | Medical Emergency Com Plan |
| 区 | Communications Plan－ICS 205 | 区 | Incident Map | $\square$ |  |
| 区 | Medical Plan－ICS 206 | 区 | Air Operations－ICS 220 | $\square$ |  |

## 9．Prepared by

## 9．Approved by（Incident Commander）

Brian Gales
ICS 202007


| 9. | Operations Section |  |
| :---: | :---: | :---: |
| Operations (Field) |  | J ohn Spencer (0-8.6) <br> Whitney Machado - t(0-8.41) |
| Operations (Planning) |  | Tom Hall (0-13) |
| Operations |  | Brad Reed (0-8.9) |
| a. Branch I |  |  |
| Branch Director |  | Matt J ames (0-15) |
| Division Supervisor | A | Eik Thom (0-53) <br> Chris Carr-t(0-54) |
| Division Supervisor | D | Ben Lippert (0-103) |
| Division Supervisor | Z | Robert Boles (0-8.13) <br> Pat Chism - t(0-26) |
| Group Supervisor | Stucture | Charlie Cronk (0-24) |
| b. Branch II |  |  |
| Branch Director |  | Spencer Gregory (0-16) |
| Division Supervisor | S | Anna Graves (0-8.10) |
| Group Supervisor | Roads | Andy Hall (0-106) <br> Aaron Bruning - t(0-69) |
| c. |  |  |
| d. Air Operations Branch |  |  |
| Air Operations |  | Nancy Barker (0-8.8) <br> Callan Wilkins - t(0-17) |
| Air Support Group |  | Jesse Machado - t(0-38) |
| Helibase Manager |  | David Kessler-t(0-39) |
| 10. Finance Section |  |  |
| Finance Chief |  | Veronika Klukas (0-8.33) |
| Deputy Fina nce Chief |  | Paula J ames (0-8.34) |
| Cost Unit - Virtual |  | Lori Price (0-8.35) |
| Time Unit |  | Angie Chapman (0-8.36) |
| Personnel ITime Recorder |  | Heather Fitzpatrick (0-8.38) |
| Proc Unit Leader |  | Eric Soto (0-8.37) |
| COMPS/CLAIMS |  | Laurette Gaylord (0-45) |
| Incident Cont. Project Insp |  | Stan Zazado (0-8.39) |
| In-Box Manager |  | Emily Cohn (0-46) |
| PREPARED BY: Meredith Butcher |  |  |

FORECAST NO: 04
PREDICTION FOR: 24 Hr Shift
SHIFT DATE: Sunday 6/16/2024
TIME AND DATE ISSUED: 6/15/2024 1800 hrs

INCIDENT: Pioneer Fire
SIGNED: Trent Smith Frent R. ©fmith
Incident Meteorologist (IMET)

## Discussion:

A second low pressure system will be moving through the region today causing a band of precipitation to move southward out of British Columbia. The Sawtooth Ridge is anticipated to cause some downsloping effects, limiting the amount of precipitation that reaches the fire. Temperatures will be similar to yesterday with slightly higher humidity. The winds will continue to be out of the northwest, but will not be as strong as the past couple of days.

## WEATHER FORECAST FOR TODAY:

SKY/WEATHER: Mostly clear becoming mostly cloudy in the afternoon. $40 \%$ chance of rain in the afternoon.
Max Temperature: 56 to 61.
Min RH: 37 to 42 percent.
20 ft WINDS:
Lower Valleys: Northwest 5 to 10 mph .
Mid-slopes and Ridges: Northwest 5 to 10 mph gusts to 20 mph .
HAINES INDEX: 2 Very Low.
TRANSPORT WINDS: NW 12 mph .
INVERSION: 1500 ft inversion lifting to 6000 ft by afternoon.
TONIGHT:
SKY/WEATHER: Mostly cloudy becoming partly cloudy after midnight. 20\% chance of rain in the evening.
Min Temperature: Lower elevation 48 to 53 and midslope/ridges 39 to 44 .
Max RH: 65 to 70 percent.
20 ft Wind:
Valleys/Lower Slopes: Northwest 5 to 10 mph decreasing to around 5 mph after midnight.
Mid-Slopes and Ridges: Northwest 5 to 10 mph with gusts to 20 mph .
INVERSION: Developing after 2000 hrs near 1500 ft .

## MONDAY:

SKY/WEATHER: Partly cloudy. 20\% chance of rain showers in the afternoon.
Max Temperature: High 62 to 67.
Min RH: 33 to 38 percent.
20 ft WINDS:
Lower Valleys: Northwest 5 to 10 mph . Gusts to 20 mph in the afternoon.
Mid-slopes and Ridges: Northwest 5 to 10 mph gusts to 25 mph .
HAINES INDEX: 3 Very Low.
TRANSPORT WINDS: NW 15 mph .

| Yesterdays observations thru <br> 1700 | Min Temp | Max RH | Max Temp | Min RH | Peak Wind | Precipitation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Stehekin RAWS (1230') | 54 | $59 \%$ | 61 | $31 \%$ | 24 mph | 0.00 |
| Lake Chelan Airport (1260') | 55 | $44 \%$ | 64 | $24 \%$ | 37 mph | 0.00 |
| Entiat RAWS (2825') | 49 | $52 \%$ | 57 | $33 \%$ | 44 mph | 0.00 |
| Camp 4 RAWS (3156') | 46 | $65 \%$ | 60 | $32 \%$ | 22 mph | 0.00 |

Weather observations can be texted to 406-360-6330 or emailed to trent.smith@noaa.gov

| Fire Behavior Forecast \# 5 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Name of Incident: <br> Pioneer Fire WA-SES-000173 |  | Administrative Unit: SE Region DNR / Okanagan-Wenatchee NF |  |  |  |
| Date \& Time Issued: | 1900-6/15/2024 | Operational Period: Day 6/16/2024 |  |  |  |
| FBAN: <br> Dean Warner |  | Signed: War T. Wan |  |  |  |
| Weather Summary - See attached Pioneer Fire Weather Forecast. Cool, chance of rain, gusty NW winds. |  |  |  |  |  |
| Fire Behavior Summary |  |  |  |  |  |
|  | FUEL MODEL | $\begin{gathered} \hline \hline \text { Maximum } \\ \text { ROS } \\ \hline \end{gathered}$ | $\begin{gathered} \hline \hline \text { Backing } \\ \text { ROS } \\ \hline \end{gathered}$ | Maximum Flame length | Backing Flame length |
|  | GR2 - Moderate load grass shrub | $13 \mathrm{ch} / \mathrm{hr}$ | $3 \mathrm{ch} / \mathrm{hr}$ | 1 feet | 1 feet |
|  | SH2 - Moderate load shrub | $7 \mathrm{ch} / \mathrm{hr}$ | $3 \mathrm{ch} / \mathrm{hr}$ | 2 feet | 1 feet |
|  | TU5 - Very high load timber shrub | $16 \mathrm{ch} / \mathrm{hr}$ | $6 \mathrm{ch} / \mathrm{hr}$ | 7 feet | 2 feet |
|  | TL8 - Long needle timber litter | $12 \mathrm{ch} / \mathrm{hr}$ | $4 \mathrm{ch} / \mathrm{hr}$ | 3 feet | 1 feet |

## GENERAL

Today's conditions will support active fire spread. Fire is now established in Meadow Creek on the north side of the fire and Rattlesnake Creek on the south side of the fire. To the east, the fire continues to make progress to the ridge line of Skookum Puss Mountain. Spotting has been observed up to one quarter mile and could exceed that today.

Topography: This fire lies on the north slopes of Lake Chelan on a dry southwest aspect. Steep rugged terrain dominates the fire environment. Rolling material and short upslope fire runs will pose a safety risk. Several natural barriers in the form of rock outcrops and scree slopes are present in the fire area. Expect slope reversals to be more dramatic than usual as this type of fire movement will present in severe contrast from downhill backing rate of spread. Rolling debris will enhance backing rates of spread.
Fuels: The fire is burning in the old Rex Creek burn scar from 2001. This 23 year old fire scar has left behind a mosaic of fuels including a moderate load of heavy fuel, which is dry enough to sustain fire spread. Rock outcrops can disrupt the fuel continuity but dry grass and sparse dead and downed material in rocky areas can still maintain fire progression.
ERC: Due to the time of year, Energy Release Component values remain below the $90^{\text {th }}$ percentile. The dry aspect, lake winds, and steep slopes offer ample opportunity for this fire to outperform typical fire indices.

## SPECIFIC

North Side: Expect the fire in Meadow Creek to burn up to the north into a no-name drainage but fire progression through the Round Lake saddle will be hampered with steady NW winds.
South Side: Expect fire to establish in the Prince Creek valley. Prince Creek is flowing strong this time of year so spotting represents the best chance for the fire to cross the creek. Watch for spotting on the lower slopes where the ridge to valley difference is the least.
Ridgetop: Fire will continue to advance to the top of Skookum Puss Mountain and associated ridgeline that defines the west side of Prince Creek.

## Air Ops/Smoke Dispersion

Smoke from active fire may impact visibility for air operations.

## Safety

Short intense fire runs and spotting in excess of one quarter mile is possible today. Make sure you know where your safety zones are located and the time it takes to get there.






8. Special Instructions:

24, 48, 72 hour planning/logistical support will be paramount to our success.

| 9. Division/Group Communication Summary |  |  |  |
| :---: | :---: | :---: | :---: |
| See Communications Plan |  |  |  |
| Prepared by (Resource Unit Ldr) Meredith Butcher | Approved by (Planning Sect. Ch.) Aileen $\mathcal{N}$ ichols | $\begin{array}{\|l} \text { Date } \\ 06 / 15 / 2024 \end{array}$ | $\begin{aligned} & \hline \text { Time } \\ & 2000 \end{aligned}$ |



| Remarks |  |
| :--- | :--- |
| USE LOW PWR ON RIDGES |  |
| CHELAN BUTTE |  |
| OLD MAID MT. |  |
| FLORA MT. |  |
| RESERVED |  |
| OLD MAID MT-LOCAL RPTR |  |
|  |  |

5. Special Instructions: 24 hour staffing: PIONEER COMMUNICATIONS PHONE NUMBER: (208) 891-7870 / CURRENT CLONE "PIE 6-16"

## OKANOGAN-WENATCHEE NATIONAL FOREST

## Resource Guidelines for Uplake Fire Suppression

Fire: Pioneer<br>Location: Pioneer Creek, North shore of Lake Chelan<br>Date: 6/ 11/ 2024

## Resource Advisors

Lead READ: Brigitte Ranne 509-663-6118, brigitte.ranne@usda.gov
REAF trainee: Hector Rodriguez

## HUMAN SAFETY IS THE HIGHEST PRIORITY FOR EVERY EMERGENCY RESPONSE ACTION

## MIST for Spike Camp and Lucerne Forward Operating Base Management

- Employ minimum impact suppression tactics (MIST) where feasible, especially in remote or sensitive areas.
- If spike camps are necessary, use existing, or previously impacted campsites where available. If existing campsites are not available; use your local resource advisor to help identify the most resilient sites in rocky or sandy soils. Avoid camping in wet meadows, along streams, or on lake shores.
- In small spike camp situations (not Lucerne), individuals should use the "cat-hole" method of disposing of human waste. Toilet seats should be located a minimum of 200 feet from water sources. Holes should be dug 6-8 inches deep.
- Store food properly so that it is not accessible to wildlife. Consider hanging food in trees at least 15 feet off the ground and 5 feet from the trunk of the tree, or store food in sealable containers. Store food away from the campsite ( 300 feet is ideal) to reduce the risk of human and bear (and rodent!) conflicts.
- Do not let garbage and food scraps accumulate in camp. All garbage and food scraps need to be removed from the camp ASAP and before leaving the site.
- Minimize disturbance to land in preparing bedding and campfire sites. Do not clear vegetation, trench, or excavate a flat spot to create bedding sites.
- Do not use nails in trees. Don't construct camp furniture.
- If a campfire is built for warmth in the evening, build either a pit or mound fire. Use dead and down firewood. Use small diameter wood that burns down more cleanly. Don't burn plastics or aluminum - pack it out with the rest of the camp garbage.

USDA
Forest
Service

Region

## Dipping and Drafting

- No cross-dipping between water bodies. All buckets or snorkels should be cleaned, inspected, and dried in the sun if they must be used between lakes. Dipping in small lakes must be preapproved by the READ or AA.
- When drafting, use already disturbed areas for stream access (road crossings, dispersed campsites) to reduce the need for riparian vegetation clearing.
- Use screens ( $3 / 32$ " inch) for all pumping operations.
- Use containment pads and basins under pumps and fuel cans. Ensure a spill kit is present with every operating pump.


## Invasive Species

- The fire is burning within an infestation of common crupina, a WA State Class A Noxious weed. Prevent spread of crupina off site - plan to wash hose and other equipment. Request fire fighters brush boots before boarding boat.
- Inspect slings and remove all plant/soil material prior to use.
- Ensure all camps, staging areas, helispots and cargo areas are free of invasive plants to prevent spread to un-infested areas.


## Fisheries /Aquatic Recommendations

- If trees must be felled in riparian areas for suppression or safety reasons, fell them toward streams where possible and minimize bucking where possible.


## Cultural Resources

- If cultural resources are discovered during suppression activities, leave on site and notify READ.



Location of common crupina infestations (north shore of Lake Chelan only). The infestation shown at Lucerne is knapweed.

## LOGISTICS HOURS

Shower: 0500-1200 \& 1400-2200
Supply: 0600-2200
Ground Support: 0500-2200
Fuel Tender: 0700-2100

Kitchen:
Breakfast: 0530-0900
Dinner: 1800-2100

## PIONEER CONTACT LIST

| Public Information: | $509-210-2926$ |
| ---: | :--- |
| Communications: | $208-891-7870$ |
| Check In/Demob: | $509-661-5372$ |
| Medical: | $360-775-5413$ |
| Supply: | $360-827-5382$ |
| Ground Support: | $425-274-6215$ |
| Finance: | Equipment 208-891-6877 \& TIME 208-891-8036 |




## DIVISION PLANNING WORKSHEET



## ACTIVITY LOG (ICS 214)



MEDICAL PLAN (206 WF)


# MEDICAL PLAN (ICS 206 WF) 

Controlled Unclassified Information//Basic

## Medical Incident Report

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

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

## 

1. CONTACT COMMUNICATIONS / DISPATCH (Verify correct frequency prior to starting report)

Ex: "Communications, Div. Alpha. Stand-by for Emergency Traffic."
2. INCIDENT STATUS: Provide incident summary (including number of patients) and command structure.

Ex: "Communications, I have a Red priority patient, unconscious, struck by a falling tree. Requesting air ambulance to Forest Road 1 at (Lat./Long.) This will be the Trout Meadow Medical, IC is TFLD Jones. EMT Smith is providing medical care."

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

Patient Assessment: See IRPG PAGE 106

Treatment:
4. EVACUATION PLAN:

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

Helispot / Extraction Site Size and Hazards:
5. ADDITIONAL RESOURCES / EQUIPMENT NEEDS:

Example: Paramedic/EMT, crews, immobilization devices, AED, oxygen, trauma bag, IV/fluid(s), splints, rope rescue, wheeled litter, HAZMAT, extrication
6. COMMUNICATIONS: Identify State Air/Ground EMS Frequencies and Hospital Contacts as applicable

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

7. CONTINGE NCY: Considerations: If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead..
8. ADDITIONAL INFORMATION: Updates/Changes, etc.

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

