

# Coolwater Complex

## IAP

9/12/2017

Day 0600-1900

Night 1400-2400



**EASTERN AREA**

incident management team

## Eastern Area IMT2

ID-NCF-000838

P1LB5U17 0117 (Coolwater Complex)

ID-NCF-000767

P1LB0U17 0117 (Andy's Hump)



[coolwatercomplex@gmail.com](mailto:coolwatercomplex@gmail.com)

<b>INCIDENT OBJECTIVES</b>	1. Incident Name: Coolwater Complex	2. Date: 9/12/17-9/12/17	3. Time: 0600-2400									
4. Operational Period Day/Night												
<p>5. General Control Objectives for the Incident (include alternatives):</p> <p><b>Provide for the safety and welfare of incident responders and the public:</b></p> <ul style="list-style-type: none"> <li>• Utilize a continuous <b>risk informed (Values vs. Risk)</b> decision process for all operations.</li> <li>• Minimize unnecessary risk especially in regard to communication, driving, and snag exposure.</li> <li>• Mitigate fatigue by adhering to agency work/rest ratio, 2:1 guidelines.</li> <li>• Ensure compliance with Area Closures to protect the public.</li> </ul> <p><b>Suppression efforts will focus on keeping the Andy's Hump, Old Man, and Glover fires East of Highway 12 and North of the private land along the Selway River. Point protection strategies will be utilized to protect the Ghost Mountain cabin and the Coolwater Mountain lookout.</b></p> <p><b>All personnel assigned to the incident shall be treated with dignity and respect; human resources will be managed in a manner that promotes a positive and harassment-free work environment; there will be no tolerance for harassment, alcohol use, or illegal drug use.</b></p> <p><b>Develop and foster relationships between partner agencies, responders, and community stakeholders and coordinate the sharing of resources across the Forest.</b></p> <p><b>Accurate and timely information will be provided on a daily basis to the public, partnering agencies, and resources on adjoining incidents.</b></p> <p><b>All operational activities will be performed in a manner to minimize environmental, social, and fiscal impacts to Threatened &amp; Endangered species and historic, cultural, Wilderness, and Wild &amp; Scenic River values without compromising firefighter or public safety or impeding operations.</b></p> <p><b>Fire will be allowed to play its role within the Selway-Bitterroot Wilderness; only take direct action to provide for firefighter and public safety or to protect values at risk.</b></p> <p><b>Costs will be managed so that they are commensurate with values at risk.</b></p>												
6. Weather Forecast for Period Partly cloudy. Continued hot and dry.												
7. General Safety Message: <b>Drive defensively and watch your speed!</b>												
<p>8. Attachments (mark if attached)</p> <table border="0"> <tr> <td><input checked="" type="checkbox"/> Organization List - ICS 203</td> <td><input checked="" type="checkbox"/> Medical Plan - ICS 206</td> <td><input checked="" type="checkbox"/> (Other) ICS 220</td> </tr> <tr> <td><input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204</td> <td><input checked="" type="checkbox"/> Camp Map</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/> Communications Plan - ICS 205</td> <td><input type="checkbox"/> Traffic Plan</td> <td><input type="checkbox"/></td> </tr> </table>				<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> (Other) ICS 220	<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Camp Map	<input type="checkbox"/>	<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input type="checkbox"/> Traffic Plan	<input type="checkbox"/>
<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> (Other) ICS 220										
<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Camp Map	<input type="checkbox"/>										
<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input type="checkbox"/> Traffic Plan	<input type="checkbox"/>										
9. Prepared by (Planning Section Chief) Ilene Wadkins	10. Approved by (Incident Commander)											

## ORGANIZATION ASSIGNMENT LIST (ICS 203)

<b>1. Incident Name:</b> Coolwater Complex		<b>2. Operational Period:</b> Date From: 9/12/2017 Time From: 0600			Date To: 9/12/2017 Time To: 2400	
<b>3. Incident Commander(s) and Command Staff:</b>			<b>7. Operations Section:</b>			
IC/UCs	Steve Goldman		Chief	Keith Murphy	Joe Alyea-t	
	Russ Langford-t		Planning Ops	Paul Kollmeyer	Chase Marshall-t	
Deputy			Staging Area			
Safety Officer	Pete To, Annamaria Echeverria-t		<b>Division</b>	Lowell/A		
Public Info. Officer	Catherine Koele, Micah Bell-t, Eric Haberin-t		Division/Group	Kevin Wilson	Nate Hein-t	
Liaison Officer	Ron Robinson		Division/Group			
<b>4. Agency/Organization Representatives:</b>			Division/Group			
Agency/Organization	Name		Division/Group			
USFS District Ranger	Jennifer Blake		Division/Group			
USFS Forest Fire Staff	Bob Lippincott					
USFS District FMO	Tim Schaeffer					
USFS Lochsa RD FMO Resource Advisor	Sean Gaines Karen Smith		<b>Division</b>	Selway/B		
Emergency Manager	Jerry Zumalt		Division/Group	Jay Saunders	Jamie Farmer-t	
Idaho Co. Sheriff Idaho Dept. of Lands	Doug Ulmer Patrick Hagen		Division/Group			
<b>5. Planning Section:</b>			Division/Group			
Chief	Ilene Wadkins, Kristi Bulock-t		Division/Group			
Deputy			Division/Group			
Resources Unit	Mary Lucas, Susan Thiel-t					
Situation Unit	Ryan Stone					
Documentation Unit			<b>Division</b>	Old Man/Glover		
Demobilization Unit	Scott Laurie		Division/Group			
Technical Specialists			Division/Group			
ITSS	Bill Whitacre		Division/Group			
FBAN	Steve Paes		Division/Group			
GISS	Karen Anderson, Jerry Petruzalek Sierra Patterson-t, Matt Judd-t		Division/Group			
<b>6. Logistics Section:</b>						
Chief	Jim Gray, Steve Schug					
Deputy			<b>Air Operations Branch</b>			
<b>Support Branch</b>			Air Ops Branch Dir.	Tim Faust		
Director			ATGS	Ryan Sundberg		
Supply Unit	Patrick Kane-t (RCDM)		ASGS	Chad Runyon		
Facilities Unit			<b>8. Finance/Administration Section:</b>			
Ground Support Unit	Kenny DelRossi-t (EQPM)		Chief	Peter Beringer, Gail Dollen-t		
<b>Service Branch</b>			Deputy			
Director			Time Unit	Debbie Niles		
Communications Unit	Pat Coughlin		Procurement Unit			
Medical Unit	Zach Peterson		Comp/Claims Unit			
Food Unit	Dave Avery		Cost Unit			
<b>9. Prepared by:</b> Name: Susan Thiel			Position/Title: RESL		Signature: _____	
<b>ICS 203</b>	<b>IAP Page 3</b>		Date/Time: 9/12/2017 2000			

## **..DISCUSSION...**

Through Tuesday overnight, afternoon humidity in the teens and poor overnight humidity recovery will continue to be present. There is a very slight chance of showers and thunderstorms on Tuesday, mainly concentrated near the Salmon River corridor and along Bitterroot Crest. Clouds and humidity will increase beginning early Wednesday, ahead of the first significant Fall weather system for the area on Thursday. A modest chance of wetting rains Thursday and Friday. High humidity through at least Saturday.

IDZ102-103-122100-  
Palouse/Hells Canyon-Clearwater/Nez Perce-  
149 PM PDT Mon Sep 11 2017

### **.TUESDAY...**

- \* Sky/Weather.....Partly cloudy. Patchy smoke.
- \* Max Temperature.....85-95 valleys and 75-80 ridges.
- \* Min Humidity.....17-27 percent.
- \* 20-Foot Winds.....
- \* Lower Elevation.....Becoming upslope/upvalley 4-8 mph in the afternoon.
- \* Ridge Top.....Southwest 5-15 mph.
- \* Haines Index.....4 low.
- \* LAL.....1.
- \* CWR (> 0.10 Inch)...0 percent.

### **.TUESDAY NIGHT...**

- \* Sky/Weather.....Partly cloudy. Slight chance of rain showers and thunderstorms.
- \* Min Temperature.....50-55 valleys and 43-53 ridges.
- \* Max Humidity.....79-89 percent valleys and 70-80 percent ridges.
- \* 20-Foot Winds.....
- \* Lower Elevation.....Southwest 5-10 mph.
- \* Ridge Top.....West 5-15 mph.
- \* LAL.....2.
- \* CWR (> 0.10 Inch)...0 percent.

# FIRE BEHAVIOR FORECAST

<b>FORECAST NUMBER:</b> #3	<b>TYPE OF FIRE:</b> Wildland fire
<b>FIRE NAME:</b> Coolwater Complex	<b>OPERATIONAL PERIOD:</b> Sept. 12, 2017
<b>DATE ISSUED:</b> Sept. 11, 2017	<b>TIME ISSUED:</b> 1900
<b>UNIT:</b> Clearwater-Nez Perce NF	<b>SIGNED:</b> _____ <b>Typed/printed:</b> Steve Paes- FBAN

## INPUTS

### WEATHER SUMMARY: WARMER AND DRIER

Partly cloudy with patchy smoke

Max. Temp: 85-95 valleys....75-80 ridges

Min RH: 17-27% valleys....17-27% ridges

20 foot winds: Lower Elevations-upslope/upvalley 4-8 mph in the afternoon.....ridgetops- SW 5-15 mph

## OUTPUTS

**FIRE BEHAVIOR** ERC= 49 (85<sup>th</sup> percentile)

### GENERAL:

- The fire is burning primarily timber Fuels with some brush intermix. The primary carrier of surface fire is forest litter with a heavy down and dead component.
- Fire spread has been primarily fuel driven and should continue again during today's shift. The predominant fire spread has been surface fire backing downhill, creeping and smoldering. Roll out on steep slopes has contributed to fire spread. Where flanking movement goes across slope under unburned fuels, the fire can transition to head fire with short crown runs if ladder fuels are present. Torching and short duration crown fire runs may also develop where slope and winds align
- Smoke over the fire can have a dampening effect on fire behavior. Smoke lifting, and clearing skies, will be an indicator that fire behavior will increase.

Rates of spread: Timber-head fire = 3-4ch/hr, backing fire= 1 ch/hr.

Flame lengths: Timber-head fire= 3-4ft., backing fire= 1ft.

Probability of Ignition (PIG) = 50% shaded fuels, 85% exposed fuel

Spotting distances of up to 0.3 miles.

Fuel moisture contents: 1hr= 3% exposed 6% shaded, 10hr= 6%, 100hr= 8% and 1000hr = 7%.

### SPECIFIC:

- RH will drop close to critical threshold of 15%. Low RH will increase the likelihood of spotting and allow for easier transition to torching. Improved night time recovery.
- The fire will creep and smolder in the duff and burn large fuels with low rates of spread. Anticipate single tree torching during the afternoon. Short crown runs can occur when rollout/spotting moves burning material downslope of the fire front and where slopes and wind align. Lower RH will increase spotting potential and surface fire transitioning to the crown.
- Energy Release Component (ERC) is at the 85th percentile and trending higher. A rebound to higher ERC's can be rapid due to extremely low fuel moistures. These dry fuels can support significant fire potential and large fire growth with less than critical fire weather conditions.
- General winds, up-valley winds, and slopes are all favorable for minimal fire progression towards DIV's A and B.
- The low RH will increase the risk of fire spotting across the creek on the south side of the Old Man Fire.

### AIR OPERATIONS:

Expect poorer visibility today due to lower Haines index of 4 and smoke from other fires in the area.

## SAFETY

*One of the common denominators of fire behavior on tragedy fires: Most are innocent in appearance before unexpected shifts in wind direction and/or speed results in "flare-ups" or "extreme fire behavior."*

# DIVISION/GROUP ASSIGNMENT LIST (ICS 204 WF)

1. Incident Name			3.				
Coolwater Complex			Branch	Division  <b>Lowell/A</b>			
2. Operational Period <b>Day</b>							
Date/Time From: 9/12/2017 0600	Date/Time To: 9/12/2017 1900						
4. Operations Personnel							
Operations Chief	<b>Keith Murphy/Joe Alyea-t</b>		Division/Group Supervisor		<b>Kevin Wilson/Nate Hein-t</b>		
Branch Director			Air Attack Supervisor		<b>Ryan Sundberg</b>		
5. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	EMT	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
C-4 Lolo IHC		9/13	Tim LaRoche	19	Johnson Bar@0700	Johnson Bar@1900	
ENG6 North Fork E632 (loaned)		9/14	Sarah Wyman	3	Johnson Bar@0700	Johnson Bar@1900	
ENG6 Kaibab E662 (loaned)		9/22	Adam Pahl	5	Johnson Bar@0700	Johnson Bar@1900	
E-3.2 DOZ2 Mozingo		9/20	Brian Bruce	1	Johnson Bar@0700	Johnson Bar@1900	
E-3.3 SKDZ Mozingo		9/20	Mark Johnson	1	Johnson Bar@0700	Johnson Bar@1900	
E-3.1 FEL1 Mozingo		9/20	Jim Mozingo	1	Johnson Bar@0700	Johnson Bar@1900	
E-5 Processor C&R Logging		9/21	Greg Ployhar	1	Johnson Bar@0700	Johnson Bar@1900	
E-5 SKDZ C&R Logging		9/21	Kenny Anderson	1	Johnson Bar@0700	Johnson Bar@1900	
E-13 Loader w/ Lowboy -Cox		9/23	Jerry Cox	2	Johnson Bar@0700	Johnson Bar@1900	
E-15 Excavator T2 w/ Lowboy -Cox		9/23	Rick Cox	2	Johnson Bar@0700	Johnson Bar@1900	
E-18 Excavator T2 /CPTPA		9/21	Don Denison	1	Johnson Bar@0700	Johnson Bar@1900	
FAL1 Timber Trail		9/20	Ben Litz	2	Johnson Bar@0700	Johnson Bar@1900	
TFLD (from Lolo IHC)		9/13	Anderson	1	Johnson Bar@0700	Johnson Bar@1900	
TFLD (from Lolo IHC)		9/13	Johnson	1	Johnson Bar@0700	Johnson Bar@1900	
6. Control Operations/Work Assignments:*							
<p>Continue to gather intel and prep houses for structure protection in the community of Lowell.                      Heavy equipment to continue line construction above Lowell.                      Begin skidding of material to log landing location.                      Continue placing pump and hose layout for structures.</p>							
7. Special Instructions:							
<p>Prior to engaging in fire management operations and throughout the day, ensure LCES is in place with all personnel and are known.                      Review IRPG snag mitigations.                      Use fish screens on all draft hoses used in Selway and Lochsa Rivers.                      Utilize spill containment mats for all pumps and fuel containers. Store extra fuel containers a minimum of 30 feet from water's edge.</p>							
8. Division/Group Communication Summary							
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode	
Command	4 Command 1	168.4750		173.8125	156.7		
Tactical Div/Group	1 Tac 1	168.0500	156.7	168.0500	156.7		
Logistics	14 EMS	155.2800		155.2800			
Air to Ground	5 A/G 1	164.0875		164.0875			
9. Prepared by (Resource Unit Leader)			Approved by (Planning Section Chief)		Date	Time	
<b>Susan Thiel</b>			<b>Ilene Wadkins</b>		<b>9/11/2017</b>	<b>2100</b>	

## DIVISION/GROUP ASSIGNMENT LIST (ICS 204 WF)

1. Incident Name			3.			
Coolwater Complex			Branch	Division  Lowell/A cont.		
2. Operational Period Day						
Date/Time From:	Date/Time To:					
9/12/2017 0600		9/12/2017 1900				
4. Operations Personnel						
Operations Chief	Keith Murphy/Joe Alyea-t		Division/Group Supervisor		Kevin Wilson/Nate Hein-t	
Branch Director			Air Attack Supervisor		Ryan Sundberg	
5. Resources Assigned this Period						
Strike Team/Task Force/ Resource Designator	EMT	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
HEQB (IDL)		9/20	Josh Eastman	1	Johnson Bar@0700	Johnson Bar@1900
HEQB-t (IDL)		9/20	Mitch Reggear	1	Johnson Bar@0700	Johnson Bar@1900
READ		9/25	Karen Smith	1	Johnson Bar@0700	Johnson Bar@1900
O-3 THSP		9/20	Dan Fabbi	1	Johnson Bar@0700	Johnson Bar@1900
O-4 THSP		9/18	Sam Martin	1	Johnson Bar@0700	Johnson Bar@1900
E-16 WT2 Dain Rad		9/23	Ken Enneking	1	Johnson Bar@0700	Johnson Bar@1900
E-9 WT2 Lyons		9/23	Tom Roy	1	Johnson Bar@0700	Johnson Bar@1900
E-15 WT2 Lyons		9/23	Larry Lyons	1	Johnson Bar@0700	Johnson Bar@1900
E-32 WT3 Wheatland FD		9/25	Chance Shuffield	2	Johnson Bar@0700	Johnson Bar@1900
O-22 EMPF		9/23	Shawn Clark	1	Johnson Bar@0700	Johnson Bar@1900
O-8 SOF1		9/23	Dennis Talbert	1	Johnson Bar@0700	Johnson Bar@1900
SO-1.40 OF2-t		9/22	Chris Woods	1	Johnson Bar@0700	Johnson Bar@1900
E-35 AMBLU- Lewiston Ambulance		9/23	Dave Caenault	2	Johnson Bar@0700	Johnson Bar@1900
6. Control Operations/Work Assignments:*						
<p>Continue to gather intel and prep houses for structure protection in the community of Lowell.                      Heavy equipment to continue line construction above Lowell.                      Begin skidding of material to log landing location.                      Continue placing pump and hose layout for structures.</p>						
7. Special Instructions:						
<p>Prior to engaging in fire management operations and throughout the day, ensure LCES is in place with all personnel and are known.                      Review IRPG snag mitigations.                      Use fish screens on all draft hoses used in Selway and Lochsa Rivers.                      Utilize spill containment mats for all pumps and fuel containers. Store extra fuel containers a minimum of 30 feet from water's edge.</p>						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
Command	4 Command 1	168.4750		173.8125	156.7	
Tactical Div/Group	1Tac 1	168.0500	156.7	168.0500	156.7	
Logistics	14 EMS	155.2800		155.2800		
Air to Ground	5 A/G 1	164.0875		164.0875		
9. Prepared by (Resource Unit Leader)			Approved by (Planning Section Chief)		Date	Time
Susan Thiel			Ilene Wadkins		9/11/2017	2100









<b>INCIDENT RADIO COMMUNICATIONS PLAN</b>	1. Incident Name	2. Date/ Time Prepared	3. Operational Period Date/Time
	Coolwater Complex	9/12/2017	9-12-17 0600-2400

**4. Basic Radio Channel Utilization**  
**Mode: W=Wideband Analog, N=Narrowband Analog, D=Digital, M=Mixed**

Channel	Function	Frequency	Tone	Mode	Assignment	Remarks
1	TAC 1	RX: 168.0500	156.7	N	Lowell / A	Tac Channel
		TX: 168.0500	156.7			
2	TAC 2	RX: 168.2000	156.7	N	Selway / B	Tac Channel
		TX: 168.2000	156.7			
3	TAC 3	RX: 168.6000	156.7	N	Old Man / Grover	Tac Channel
		TX: 168.6000	156.7			
4	Command 1	RX: 168.4750		N	All Units	Command Repeater 1
		TX: 173.8125	156.7			
5	Air to Ground	RX: 164.0875		N	Air - Ops	Air - Ground 1
		TX: 164.0875				
6	Air to Ground	RX: 169.2875		N	Air - Ops	Air - Ground 2
		TX: 169.2875				
7	Air to Ground	RX: 171.7250		N	Air - Ops	Air - Ground 3
		TX: 171.7250				
8	Fog Mountain	RX: 173.1375		N	All	Fog Mtn Repeater
		TX: 166.2000	146.2			
9	Coolwater Ridge Rpt	RX: 172.2250		N	All	Coolwater Ridge Rpt.
		TX: 165.7000	151.4			
10	Nez Perce West Rpt.	RX: 170.5625		N	All	Nez West Rpt
		TX: 164.1375	146.2			
11	Iron Mountain Rpt.	RX: 173.1375		N	All	Iron Mtn Rpt.
		TX: 166.2000	162.2			
12	Law Enf. - Pilot Rpt.	RX: 154.1150		N	All	Sheriff Rpt - Pilot area
		TX: 156.0150	146.2			
13	Law Enf. - Castle Rpt.	RX: 154.1150		N	All	Sheriff Rpt - Castle area
		TX: 156.0150	88.5			
14	EMS Local Channel	RX: 155.2800		N	All	Local Ambulance channel
		TX: 155.2800				
15	Life Flight/ Hospitals	RX: 155.3400	156.7	N	All	Helicopter/Hospital EMS
		TX: 155.3400	156.7			
16	Airguard	RX: 168.6250		N	All	Emergency contact with aircraft
		TX: 168.6250	110.9			

5. Prepared by (Communications Unit)  
Pat Coughlin COM-L

**Incident Commander & Staff:**

Cell Phone

ICT2	Steve Goldman	414-308-7775
ICT2(T)	Russ Langford	763-244-9844
LOFR	Ron Robinson	612-860-1257
SOF2	Pete To	814-706-4464
SOF2(T)	Annamaria Echeverria	760-616-0009
SOF2(T)	Chris Woods	573-315-8394
PIO2	Catherine Koele	608-219-9075
PIO2	Micah Bell	219-405-0125
PIO2(T)	Eric Haberin	907-347-5992

**Plans Section:**

PSC2	Ilene Wadkins	971-409-1281
PSC2(T)	Kristi Bulock	
RESL	Mary Lucas	715-499-3881
RESL(T)	Susan Thiel	989-390-2800
DMOB	Scott Laurie	
SITL	Ryan Stone	906-630-1386
FBAN	Steve Paes	
ITSS	Bill Whitaker	573-578-1889

**Logistics Section:**

LSC2	Jim Gray	
LSC2	Steve Schug	
RCDM	Patrick Kane	330-466-5856
FDUL	Dave Avery	218-370-9805
ORDM	Cathy Slover	618-841-0870
COML	Jennifer Lord	608-509-2894
COML	Patrick Caughlin	218-244-7505

**Operations Section:**

OSC2	Keith Murphy	906-250-1382
OSC2	Paul Kollmeyer	231-357-2327
OSC2(T)	Chase Marshall	218-340-6978
OSC2(T)	Joe Alyea	989-305-1227
DIVS	Kevin Wilson	812-345-1860
DIVS	Terry Walter	530-640-0049
DIVS	Jay Saunders	715-889-1470
DIVS(T)	Logan Blankenship	208-830-4406
DIVS(T)	Jaimie Farmer	337-936-5233
DIVS(T)	Nate Hein	575-545-2519

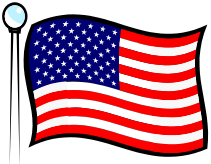
**Air Operations:**

ATGS	Ryan Sundbergh	740-517-5026
ASGS	Chad Runyan	218-343-9317
AOBD	Tim Faust	702-271-6055

**Finance Section:**

FSC2	Peter Beringer	603-970-1338
FSC2(T)	Gail Dollen	479-422-2004
TIME	Debbie Niles	989-745-2394
PTRC	Mary Coleman	573-210-7073
PTRC	Rosemary Johnson	218-252-2363
PRTC(T)	Valarie Sanchez	505-269-7808
EQTR(T)	Phillip Rodbell	610-680-7992





## HEALTH AND SAFETY MESSAGE

If you think the cost of fire training is expensive, check out the cost of ignorance

INCIDENT: <b>Coolwater Complex</b>	DATE: <b>9/12/2017</b>	Oper. Period: <b>DAY</b>
<b>Major Hazards and Risks:</b>		
<ul style="list-style-type: none"> <li>• <b><u>Hobo Spiders</u></b> – They are among us - in our clothes - in our boots - and in our beds. Their bite can inflict serious damage and could lead to death. Shake out your boots, your clothing and your bed. <b>Look up, look down, look around, look in your bed!</b></li> <li>• <b><u>Bees and Wasps</u></b> – Bees and Wasps are active this time of year. Make sure to avoid and prevent stings. Communicate to others if you are allergic or are stung.</li> <li>• <b><u>Driving</u></b> – Slow your roll, drive the speed limit or less. Use daytime headlights. Watch for traffic, firefighters, hunters, and wildlife on the roads. On the 317-Coolwater Road drive defensively. Expect the unexpected, especially on the switchbacks</li> <li>• <b><u>Risk Management</u></b> – maintain situational awareness</li> </ul>		
<b>The Basics- Risk Management</b>		
<p>Have you evaluated the hazards that are around? Have you thought about the consequences if something goes wrong? Is the risk you and your personnel are taking – worth the benefit? Have you mitigated potential hazards? Scouted your work site(s)? Have you as a supervisor asked for and gotten feedback from your crew? Is someone checking the weather periodically?</p>		
	<p><b><u>Managing Fatigue</u></b></p> <ul style="list-style-type: none"> <li>*Sleep deprivation and stress can drastically increase fatigue.</li> <li>*Sleep loss/fatigue adds up and causes poor communication, and decreases mental and physical performance.</li> <li>*Fatigue accumulates and symptoms get worse and worse.</li> <li>*Watch for signs of fatigue in yourself and others: <i>poor decision making, slowed reaction time, difficulty communicating, lethargy, forgetfulness, bad mood, nodding off.</i> Maintaining the 2:1 work ratio, good nutrition, and hydration supplements help fight the effects of fatigue.</li> </ul>	
<b>Safety Officers</b>	<b>Line Safety</b>	
Peter To SOF2, Annamaria Echeverria SOF2(T), Chris Woods SOF2(T), Dennis Talbert SOF1	None	



# Finance Message

Sample Equipment Shift Ticket:

EMERGENCY EQUIPMENT SHIFT TICKET						E-152		
NOTE: The responsible Government Officer will update this form each day or shift and make initial and final equipment inspections.								
1. AGREEMENT NUMBER AG-35RC-P.22:7423			2. CONTRACTOR (name) CHEWY MOTORS					
3. INCIDENT OR PROJECT NAME COOLWATER COMPLEX		4. INCIDENT NUMBER ID-NCF-000939		5. OPERATOR (name) SMOKEY BEAR				
6. EQUIPMENT MAKE CAT		7. EQUIPMENT MODEL MASTICATOR		8. OPERATOR FURNISHED BY <input checked="" type="checkbox"/> CONTRACTOR <input type="checkbox"/> GOVERNMENT				
9. SERIAL NUMBER 747333		10. LICENSE NUMBER 10-4		11. OPERATING SUPPLIES FURNISHED BY <input checked="" type="checkbox"/> CONTRACTOR (wet) <input type="checkbox"/> GOVERNMENT (dry)				
12. DATE MO/DAY/YR	13. EQUIPMENT USE		14. REMARKS (released, down time and cause, problems, etc.)					
	START	STOP	HOURS WORK	DAYS SPECIAL	MILES (circle one)			with Transport
9/10/17	0600	1200	6					
	1230	1900	6.5					
15. EQUIPMENT STATUS <input checked="" type="checkbox"/> a. Inspected and under agreement <input type="checkbox"/> b. Released by Government <input type="checkbox"/> c. Withdrawn by Contractor								
16. INVOICE POSTED BY (Recorder's initials)								
17. CONTRACTOR'S OR AUTHORIZED AGENT'S SIGNATURE Smokey Bear			18. GOVERNMENT OFFICER'S SIGNATURE Woody Owl			19. DATE SIGNED 9/11/17		

FINANCE

# Base Camp Shower Hours

0530 – 1100

1300 – 2200

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## Dining Options

### Kooskia:

Kooskia Café	Mon – Sun	0700-2100
China Café	Mon – Sun	1100 – 2100
Backroads Diner	Mon – Closed	
	Tues -	0600 – 1900
	Wed -	0600 – 1500
	Th – Sat-	0600 – 2000
	Sun -	0600 – 1500

### Kamiah:

Palenque Mexican Restaurant	Mon – Th	1100 – 2000
	Fri-	1100 – 2100
	Sat -	1200 – 2100
	Sun -	1200 – 2000
Pizza Factory	Mon – Th-	1100 – 2200
	Fri – Sat-	1100 – 2300
	Sun -	1200 – 2200

Hearth Stone Restaurant & Bakery    Mon – Sun 0600 - 1500





4th Ave

FIRE HALL  
COMS

LOGISTICS  
GROUND SUPPORT

SUPPLY

REFER

HANGAR

HANGAR

HANGAR

LSC

CAMPING AREA

PARKING





# MEDICAL PLAN (ICS 206 WF)

<b>1. Incident/Project Name</b>	<b>2. Operational Period</b>
Coolwater Complex	Date/Time 9/12/2017 0600-2400

3. Ambulance Services				
Name	Complete Address	Phone & EMS Frequency	Advanced Life Support (ALS)	
Kooskia Fire Department	401 Front Avenue Kooskia, Idaho	Ph: 208-926-4684 VHF 156.015 154.115	NO	Intermediate Life Support
Lewiston Fire & EMS	Assigned 24hr-Spike Camp Selway DIV A & DIV Selway/B	VHF 156.015 154.115	YES	Advanced Life Support

4. Air Ambulance Services		
Name	Phone	Type of Aircraft & Capability
Life Flight Network	County 911 Preferred 800-232-0911	Air Ambulance Nurse & Paramedic, NVG Capable VHF 155.340 TX Code Guard 156.7 (Statewide EMS/Hospital) Direct: 155.280 Four (4) bases in the area

5. Hospitals									
Name Complete Address	GPS Datum – WGS 84 Coordinate Standard Degrees Decimal Minutes DD° MM.MMM' N - Lat DD° MM.MMM' W - Long			Travel Time Air Gnd		Phone	Helipad Yes No		Level of Care Facility
	Lat:	Long:	VHF:	min	hrs		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Syringa Hospital and Clinics 607 West Main St Grangeville, ID 83530	45° 92.732 N	116° 12.727 W	155.340 TX Code Guard 156.7	40		208-983-1700 Nurses Station: 208-983-8512	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Critical Access
	46° 48.671	116° 81.371	155.340 TX Code Guard 156.7	45		208-476-4555	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	46° 41.338	117° 03.868	155.340 TX Code Guard 156.7	35	1.25	208-743-2511	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
47° 36.239	122° 19.390		2 hrs	8 hrs	206-744-3000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Level 1 Burn Center	

## On-Scene Medical Emergency Protocols

In the event of an emergency, use incident within an incident (IWI) protocol. Identify One On-Scene Point of Contact (POC). The intent is to put the highest qualified/experienced personnel as the initial POC.

The on-scene POC will:

- Take charge of the scene an identify/determine who is in charge of accessing the patient.
- Contact Incident Communication (Base Camp) and relay the Medical Incident Report (9 Line) information regarding patient assessment, transportation, and resource needs. Do not use patient name (identifiers) over the radio.
- Coordinate the request for transportation and/or other resources based on patient assessment. DIVS and MEDL will make transportation decision.
- Ensure that information about patient assessment, transportation or other resource needs is transmitted directly to the Incident Command Post (ICP) Communications unit in order to reduce the time it takes to communicate essential information and to limit the potential for miscommunication.

Communication Unit will immediately notify Grangeville Dispatch of IWI.

1. Prepared By (Medical Unit Leader)	2. Date/Time	3. Reviewed By (Safety Officer)	4. Date/Time
Zach Peterson	9/11/2017 1400	Annamaria Echeverria, SOF2 (t)	9/11/2017 1400

# MEDICAL PLAN (9-Line)

## Medical Incident Report

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

Use items one through nine to communicate situation to communications/dispatch.

**1. CONTACT COMMUNICATIONS/DISPATCH**

*Ex: "Communications, Div. Alpha. Stand-by for Priority Medical Incident Report." (If life threatening request designated frequency be cleared for emergency traffic.)*

**2. INCIDENT STATUS: Provide incident summary and command structure.**

Nature of Injury/Illness		<i>Describe the injury (Ex: Broken leg with bleeding)</i>
Incident Name		<i>Geographic Name + "Medical" (Ex: Trout Meadow Medical)</i>
Incident Commander		<i>Name of IC</i>
Patient Care		<i>Name of Care Provider (Ex: EMT Smith)</i>

**3. INITIAL PATIENT ASSESSMENT: Complete this section for each patient. This is only a brief, initial assessment. Provide additional patient info after completing this 9 Line Report.**

Number of Patients:	Male / Female	Age:	Weight:
Conscious? <input type="checkbox"/> YES <input type="checkbox"/> NO = MEDEVAC!			
Breathing? <input type="checkbox"/> YES <input type="checkbox"/> NO = MEDEVAC!			
Mechanism of Injury: <i>What caused the injury?</i>			
Lat/Long (Datum WGS84) <i>Ex: N 40° 42.45' x W 123° 03.24'</i>			

**4. SEVERITY OF EMERGENCY, TRANSPORT PRIORITY**

SEVERITY	TRANSPORT PRIORITY
<input type="checkbox"/> URGENT-RED Life threatening injury or illness. <i>Ex: Unconscious, difficulty breathing, bleeding severely, 2° – 3° burns more than 4 palm sizes, heat stroke, disoriented.</i>	Ambulance or MEDEVAC helicopter. Evacuation need is IMMEDIATE.
<input type="checkbox"/> PRIORITY-YELLOW Serious Injury or illness. <i>Ex: Significant trauma, not able to walk, 2° – 3° burns not more than 1-2 palm sizes.</i>	Ambulance or consider air transport if at remote location. Evacuation may be DELAYED.
<input type="checkbox"/> ROUTINE-GREEN Not a life threatening injury or illness. <i>Ex: Sprains, strains, minor heat-related illness.</i>	Non-Emergency. Evacuation considered Routine of Convenience.

**5. TRANSPORT PLAN:**

Air Transport: (Agency Aircraft Preferred)			
<input type="checkbox"/> Helispot	<input type="checkbox"/> Short-haul/Hoist	<input type="checkbox"/> Life Flight	<input type="checkbox"/> Other
Ground Transport:			
<input type="checkbox"/> Self-Extract	<input type="checkbox"/> Carry-Out	<input type="checkbox"/> Ambulance	<input type="checkbox"/> Other

**6. ADDITIONAL RESOURCE/EQUIPMENT NEEDS:**

<input type="checkbox"/> Paramedic/EMT(s)	<input type="checkbox"/> Crew(s)	<input type="checkbox"/> SKED/Backboard/C-Collar
<input type="checkbox"/> Burn Sheet(s)	<input type="checkbox"/> Oxygen	<input type="checkbox"/> Trauma Bag
<input type="checkbox"/> Medication(s)	<input type="checkbox"/> IV/Fluid(s)	<input type="checkbox"/> Cardiac Monitor/AED
<input type="checkbox"/> Other (i.e. splints, rope rescue, wheeled litter)		

**7. COMMUNICATIONS: Coolwater Complex-Nez Perce Clearwater NF-Grangeville Dispatch**

Function	Channel Name/Number	Receive (Rx)	Tone/NAC *	Transmit (Tx)	Tone/NAC *
CLEARWATER EAST	BEAVER RIDGE	171.5750		166.2625	100.00
CLEARWATER WEST	HEMLOCK SOUTH	172.2250		165.7000	100.00
COMMAND	IDL-JIM CREEK	159.2325		151.3325	123.0
AIR-TO-GRND	A/G 1	166.9625	0.0	166.9625	

\*(NAC for digital radio system)

**8. EVACUATION LOCATION:**

Lat/Long (Datum WGS84) <i>EX: N 40 42.45' x W 123 03.24'</i>	
Patient's ETA to Evacuation Location:	
Helispot/Extraction Size and Hazards:	

**9. CONTINGENCY:**

<b>Considerations:</b> <i>If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead...</i>	<b>REMEMBER:</b> <span style="color: red;">Confirm ETA's of resources ordered Act according to your level of training Be Alert. Keep Calm. Think Clearly. Act Decisively.</span>
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