



SUF West Zone Complex

Delta Lake Fire

Incident Action Plan

Operational Period

July 24, 2021

0700 – 1900

MN-SUF-000333

CC2 13146

P9N461 0909



VIRTUAL INCIDENT INFORMATION

INCIDENT OBJECTIVES (ICS 202)

1. Incident Name: SUF WZ Complex	2. Operational Period: Date From: 7/24/2021 Date To: 7/24/2021 Time From: 0700 Time To: 1900															
3. Objective(s): <ol style="list-style-type: none"> 1. Ensure firefighter, aviation, and public safety through clear leader's intent, work prioritization, and the implementation of fundamental firefighting principles utilizing a risk management process to inform decisions. 2. Implement appropriate suppression tactics and use aerial resources as needed. 3. Utilize MIST tactics and natural/man-made barriers when possible during suppression operations. 4. Minimize fire impacts and protect values at risk including communities, campgrounds, private inholdings (developments, property), critical infrastructure (utilities, travel corridors), structural improvements, and natural and cultural resources. Keep Incident costs commensurate with values at risk. 5. Assess and monitor Management Action Points in the planning area to prepare for and organize any necessary efforts to achieve incident objectives. Develop long-term fire planning for the Canadian fires. 6. Develop and maintain relationships and partnerships with stakeholders, cooperators, community, private landowners, and local agencies by coordinating incident management efforts through timely and accurate information sharing. 7. Implement COVID-19 mitigation measures based on CDC and Agency guidance. Coordinate with Local Health department on all COVID-19 testing, quarantine, or isolation situations. 8. Maintain a work environment that is free from discrimination, sexual harassment, and other forms of inappropriate behavior. Report any incidents in accordance with Agency policy. 																
4. Operational Period Command Emphasis: Continue mop-up on the Delta Lake Fire. Continue assessment and planning for the Canadian fires. Continue structure protection measures and contingency line work along the border.																
General Situational Awareness Complacency – Stay focused on the tasks at hand but remember all fires have the potential to flare up. This fire has many unburned areas within the fire perimeter. Each of these may cause problems, particularly if the weather is warm, low relative humidity, with wind.																
5. Site Safety Plan Required? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Approved Site Safety Plan(s) Located at:																
6. Incident Action Plan (the items checked below are included in this Incident Action Plan): <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;"><input checked="" type="checkbox"/> ICS 203</td> <td style="width: 33%;"><input type="checkbox"/> ICS 207</td> <td style="width: 34%;"><u>Other Attachments:</u></td> </tr> <tr> <td><input checked="" type="checkbox"/> ICS 204</td> <td><input type="checkbox"/> ICS 208</td> <td><input checked="" type="checkbox"/> Fire Behavior _____</td> </tr> <tr> <td><input checked="" type="checkbox"/> ICS 205</td> <td><input checked="" type="checkbox"/> Map/Chart</td> <td><input checked="" type="checkbox"/> 215R risk Assessment _____</td> </tr> <tr> <td><input type="checkbox"/> ICS 205A</td> <td><input checked="" type="checkbox"/> Weather Forecast/Tides/Currents</td> <td><input checked="" type="checkbox"/> ICS 220 _____</td> </tr> <tr> <td><input checked="" type="checkbox"/> ICS 206</td> <td></td> <td><input type="checkbox"/> _____</td> </tr> </table>		<input checked="" type="checkbox"/> ICS 203	<input type="checkbox"/> ICS 207	<u>Other Attachments:</u>	<input checked="" type="checkbox"/> ICS 204	<input type="checkbox"/> ICS 208	<input checked="" type="checkbox"/> Fire Behavior _____	<input checked="" type="checkbox"/> ICS 205	<input checked="" type="checkbox"/> Map/Chart	<input checked="" type="checkbox"/> 215R risk Assessment _____	<input type="checkbox"/> ICS 205A	<input checked="" type="checkbox"/> Weather Forecast/Tides/Currents	<input checked="" type="checkbox"/> ICS 220 _____	<input checked="" type="checkbox"/> ICS 206		<input type="checkbox"/> _____
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<input checked="" type="checkbox"/> ICS 206		<input type="checkbox"/> _____														
7. Prepared by: Name: John Wyman Position/Title: PSC2 Signature: _____																
8. Approved by Incident Commander: Name: L. Minton Signature: _____																
ICS 202	IAP Page _____	Date/Time: 7/23/2021 1445														

ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name: SUF West Zone Complex Delta Lake Fire		2. Operational Period: Date From: 7/24/2021 Date To: 7/24/2021 Time From: 0700 Time To: 1900		
3. Incident Commander(s) and Command Staff:		7. Operations Section:		
IC/UCs	L. Minton / R. Harris (t)	Planning Ops Chief	K. Murphy	J. Frenz (t)
Deputy IC		Field Ops Deputy	J. Saunders	
Safety Officer	L. Osterland	Staging Area		
Liason Officer	J. Furman, P. Rogers (t)	Branch		
Public Info. Officer	C. Stelter, C. Koele	Branch Director		
		Deputy		
4. Agency/Organization Representatives:		Division/Group	AZ	E. Adams (t)
Agency/Organization	Name	Division/Group	Structure/Prep	M. Brown
Superior NF AA	Connie Cummins	Division/Group		
Kawishiwi DR AA (t)	Aaron Kania	Division/Group		
AA Rep	Ellen Bogardas-Szymaniak	Division/Group		
AA REP	Lee Stewart	Branch		
WZ Duty Officer	Tony Harding	Branch Director	Public Safety	G. Peterson
		Deputy		
5. Planning Section:		Division/Group	Wilderness	
Chief	J. Wyman, B. Geringer-Frazier	Division/Group	Crooked Lake	K. Sherritz
Resources Unit	P. Fischer, C. Bergquist (t)	Division/Group		
Situation Unit	B. Garrett	Division/Group		
Documentation Unit		Division/Group		
Demobilization Unit		Branch		
READ	R. Tea, T. McKenzie	Branch Director		
FBAN	S. Linn	Deputy		
GISS	M. Judd	Division/Group		
		Division/Group		
ITSS	B. Bowen	Division/Group		
6. Logistics Section:		Division/Group		
Chief	T. Oland, T. Manley (t)	Division/Group		
Deputy		Air Operations Branch		
Support Branch		Air Ops Branch Dir.		
Food Unit				
Supply Unit	T. Piper			
Facilities Unit	J. Benson	8. Finance/Administration Section:		
Ground Support Unit	M. Bailey	Chief	P. Beringer, M. Coleman (t)	
Service Branch		Deputy		
Security Manager	K. Grubb	PROC	T. Price	
Communications Unit	P. Willis	Time Unit	V. Sanchez (t)	
Medical Unit	T.O'Connor	Comp/Claims Unit		
Medical Unit Trainee	K. Batten (t)	Cost Unit		
9. Prepared by: Name: <u>Chris Bergquist</u> Position/Title: <u>RESL (t)</u> Signature: _____				
ICS 203	IAP Page _____	Date/Time: <u>7/23/2021 1940</u>		

ASSIGNMENT LIST (ICS 204)

1. Incident Name: SUF West Zone Complex Delta Lake Fire		2. Operational Period: Date From: 7/24/2021 Date To: 7/24/2021 Time From: 0700 Time To: 1900		3. Branch: Division: A/Z Group: Staging Area:										
4. Operations Personnel: <u>Name</u> _____ <u>Contact Number(s)</u> _____ Operations Section Chief: <u>Jay Saunders</u> Branch Director: _____ Division/Group Supervisor: <u>Eric Adams (t)</u>														
5. Resources Assigned:			Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information											
Resource Identifier	Leader	# of Persons	Contact (e.g., phone, pager, radio frequency, Last Work Day , etc.)											
O-24 TFLD (t)	C. Goldsmith	1	8/1	Kawishiwi RD 0700										
T2IA MI	T. Aikens	19	7/25	Kawishiwi RD 0700										
T2IA NorEast 1	H. Smith	19	7/27	Kawishiwi RD 0700										
C-# WI Module	D. Pergolski	10	7/24	Kawishiwi RD 0700										
EMTF	S. Baelz	1	8/5	Kawishiwi RD 0700										
EMTF	D. Johnson	1	7/25	Kawishiwi RD 0700										
6. Work Assignments: Mop-up fire edge with an end state of 100% mop-up within 100 feet of the line. Utilize aerial resources to suppress any interior flare ups to reduce the likelihood of spotting across the line. Following READ guidance and DIVS direction, improve contingency line from west of H-3 north to location identified near water source. Begin backhaul of any unused equipment and supplies.														
7. Special Instructions: Document temporary modifications or structures with lat./long. & photo, and any motorized use in the wilderness on mechanized equipment record. GPS or utilize Collector for all pump locations and submit information to SITL. Communicate travel route direction to and from DP1 and H-3. See medical plan for ambulance location. If CMD 9 does not work use Meander Rpt or Fernberg Rpt.														
8. Communications (radio and/or phone contact numbers needed for this assignment): <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 35%;">Name/Function</td> <td style="width: 65%;">Primary Contact: indicate cell, pager, or radio (frequency/system/channel)</td> </tr> <tr> <td>Command Rpt / _____</td> <td>TX 172.3750 / RX 171.4750</td> </tr> <tr> <td>Tactical 1 / _____</td> <td>FS TAC 1 TX 168.0500 (123.0) / RX 168.0500 (open)</td> </tr> <tr> <td>Air to Ground Prime/ _____</td> <td>168.4000</td> </tr> <tr> <td>Air to Ground Secondary _____</td> <td>169.2000</td> </tr> </table>					Name/Function	Primary Contact: indicate cell, pager, or radio (frequency/system/channel)	Command Rpt / _____	TX 172.3750 / RX 171.4750	Tactical 1 / _____	FS TAC 1 TX 168.0500 (123.0) / RX 168.0500 (open)	Air to Ground Prime/ _____	168.4000	Air to Ground Secondary _____	169.2000
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Air to Ground Prime/ _____	168.4000													
Air to Ground Secondary _____	169.2000													
9. Prepared by: Name: <u>Chris Bergquist</u> Position/Title: <u>RESL (t)</u> Signature: _____														
ICS 204	IAP Page _____	Date/Time: <u>7/23/2021 / 1710</u>												

AIR OPERATIONS SUMMARY (ICS 220)

1. Incident Name: Delta / Crooked		2. Operational Period: Date From: 7/24/21 Date To: 7/24/21 Time From: 0700 Time To: 2200				3. Sunrise: Sunset: 0534 2054	
4. Remarks (safety notes, hazards, air operations special equipment, etc.): Delta TFR -118.1500 AM Border operations, monitor - 122.925 AM			5. Ready Alert Aircraft: Medivac: 8BH New Incident:			6. Temporary Flight Restriction Number: Altitude: 4,000' MSL Center Point: 47 56.21 / 91 24.19	
			8. Frequencies:		AM	FM	9. Fixed-Wing (category/kind/type, make/model, N#, base): Air Tactical Group Supervisor Aircraft:
			Air/Air Fixed-Wing		118.15		
7. Personnel:	Name:	Phone Number:	Air/Air Rotary-Wing – Flight Following	118.15		AA6 - Hibbing IA	
Air Operations Branch Director			Air/Ground		168.400		
Air Support Group Supervisor			Command			Other Fixed-Wing Aircraft:	
Air Tactical Group Supervisor			Deck Coordinator			Beaver 3 0800 - 2000	
Helicopter Coordinator			Take-Off & Landing Coordinator				
Helibase Manager	Ashlee Zupancich	218-780-8776	Air Guard		168.6250 Tx-110.9		
10. Helicopters (use additional sheets as necessary):							
FAA N#	Category/Kind/Type	Make/Model	Base	Available	Start	Remarks	
N18BH	Type III	Bell 407	Ely	0830	0830	Bucket, Recon, PSD	
N906CH	Type I	S-61	Ely	0830	0830	Tanked	
11. Prepared by: Name: <u>Ashlee Zupancich</u> Position/Title: <u>HEBM - t</u> Signature: <u>Ashlee Zupancich</u> <small>Digitally signed by Ashlee Zupancich Date: 2021.07.23 17:51:32 -05'00'</small>							
ICS 220, Page 1			Date/Time: <u>7/23/21</u>				

INCIDENT RADIO COMMUNICATIONS PLAN

1. Incident Name
West Zone Complex

2. Date Time Prepared
7/23/2021 17:35

3. Operational Period Date/Time
7/24/2021

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

Radio Type	CH #	Function	Frequency	Tone/NAC	Mode	TGID	Assignment	Remarks
King	1	TAC1	RX: 168.0500 TX: 168.0500	123.0	N		Div AZ	
King	2	TAC2	RX: 168.6000 TX: 168.6000	123.0	N		Preparedness and Structure	
King	3	TAC3	RX: 168.2000 TX: 168.2000	123.0	N		Div Crooked Lake	
King	4	A/G PRIME	RX: 168.4000 TX: 168.4000		N		A/G Delta Fire Primary	Main A/G over incident
King	5	A/G SECONDARY	RX: 169.2000 TX: 169.2000		N		A/G Delta Fire Secondary	Secondary A/G over the incident Not for use in mobile radios
King	6	V-MED 28	RX: 155.3400 TX: 155.3400	156.7	N		Coordination with air ambulance	
King	7	CMD RPT	RX: 171.4750 TX: 172.3750		N		Delta Fire and East Crooked Lake travel corridor	Incident Repeater installed at Fernberg
King	8	SUF TAC1	RX: 169.1250 TX: 169.1250		N		TAC if needed for IA	Superior NF Tac 1
King	9	MEANDER *	RX: 170.5250 TX: 164.1375	127.3	N		If needed to contact Forest- NW of ICP	Meander Rpt. - Superior
King	10	W FRNBRG*	RX: 170.5250 TX: 164.1375	100.0	N		If needed to contact Forest NE of ICP	Fernberg Rpt - Superior
King	11	SUF WDIR	RX: 170.5250 TX: 170.5250		N			Superior Forest Direct
King	12	CMD 2	RX: 170.4500 TX: 168.1000	123.0	N		Not in service	
King	13	CMD 8	RX: 169.5375 TX: 164.7125	123.0	N		Not in service	
King	14	CMD 9	RX: 170.0125 TX: 165.2500	123.0	N		Crooked Lake (Sunday Bay) to ICP	Incident Repeater installed at Meander
King	15	BLANK	RX: TX:		N		The antenna for the CMD 9 repeater may have to be dropped if high winds are predicted. Use the Meander repeater if this happens.	
King	16	AIRGRD1	RX: 168.6250 TX: 168.6250	110.9	N		Air emergency - all users	Aircraft Guard Frequency

5. Prepared by (Communications Unit)
Peter Willis COML *Peter Willis*

Phone number to contact Communications in ICP 218-244-5316

Note: This is not a standard NWCG ICS205 Form

78ICS-206 MEDICAL PLAN	1. Incident Name Delta Lake Fire	2. Date Prepared 23 July 21	3. Time Prepared 1800	4. Operational Period 24 July 21
Site EM				
Medical Aid Stations			Location	Paramedics Yes No
Medical Unit			MEDL Terry O'Connor 218-368-8554 MEDL Bob White 715-415-2400 MEDL(t) Kate Batten 907-328-9318	
Incident EMTs			Delta Lake: EMTF Baelz, Johnson; H1: MFLFD ATV +2; Crooked Lake: EMPF Littler, EMTF Scott	X
Incident Ambulance	DP1		Virginia FD Ambulance with two crew Chief Allen Lewis 218-290-3421	X
Transportation				
Name			Address	Phone Paramedics Yes No
Ely Area Ambulance			Ely, MN Geoff Galaski 218-235-7878	X
			Air Medical	
LifeLink Helicopter			Hibbing 1-800-328-1377	X
North Memorial Heli			Eveleth-Virginia 1-800-247-0229	X
Name	Helipad Lat/Long	Air	Travel Time Grnd	Phone Helipad Yes No Burn Center Yes No
Ely Bloomensen Hosp 328 W Conan St, Ely	N 47 53 57 W 91 52 23	10 Min.	90 Min.	218-365-8710 X
St Marys Medical Center- L1 407 E 3 rd St, Duluth	N 46 47 37 W 92 05 51	45 Min.	210 Min.	218-751-5430 X
St Lukes Regional -L2 915 E 1 st St, Duluth	N 46 47 91 W 92 05 20	45 Min	210 Min.	218-249-5616 X
Miller Dwan Burn Unit 502 E 2 nd St, Duluth	N 46 47 37 W 92 05 51	45 Min	210 Min.	218-786-4670 X
Helispots	H1:47 56.312N 91 24.930W H2:47 58.159N 91 27.774 H3:47 56.600N 91 25.120W			X
Medical Incident Report- Pages 118,119 IRPG 2018				
<p>Upon occurrence of a "Major Medical" or accident involving significant injury on or near the Incident, the closest EMT should respond directly to the scene to take control of the patient and direct necessary actions. The nearest supervisor or leader should assume IC of the incident within the incident.</p> <ol style="list-style-type: none"> 1. Obtain and facilitate nearest EMT to the scene, request (911) EMS Response. On site IC is in charge of the scene. Identify to medical personnel on site. Use Medical Incident Report (8-line) 2. Check nature of the problem, # of patients, status, vitals & location. Request additional Resources or Equipment if needed. 3. Coordinate and facilitate appropriate transportation (Ground, Air or Water) for injured with Medical Unit EMT in charge of patient(s). 4. Remove all unnecessary personnel from the scene. 5. Secure scene, identify witnesses for later investigation. Keep Documentation of All Information Received and Transmitted 6. Inform Supervisor of <u>any</u> changes on scene for Point Of Contact. No Names used for Injured Personnel. 7. Onsite EMS Personnel may provide Information regarding condition of Patient to Communication or ICP. <p style="text-align: center;">SAFETY IS THE NUMBER 1 PRIORITY ON THIS INCIDENT The term "Medivac" is for Emergency Medical Evacuations Only</p>				
Prepared by (Medical Unit Leader) Terry O'Connor/Kate Batten-t		10. Reviewed by (Safety Officer) Lee Osterland		

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.

Use the following items to communicate situation to 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."

Severity of Emergency / Transport Priority	<input type="checkbox"/> RED / PRIORITY 1 Life or limb threatening injury or illness. Evacuation need is IMMEDIATE <i>Ex: Unconscious, difficulty breathing, bleeding severely, 2° – 3° burns more than 4 palm sizes, heat stroke, disoriented.</i> <input type="checkbox"/> YELLOW / PRIORITY 2 Serious Injury or illness. Evacuation may be DELAYED if necessary. <i>Ex: Significant trauma, unable to walk, 2° – 3° burns not more than 1-3 palm sizes.</i> <input type="checkbox"/> GREEN / PRIORITY 3 Minor Injury or illness. Non-Emergency transport <i>Ex: Sprains, strains, minor heat-related illness.</i>	
Nature of Injury or Illness & Mechanism of Injury		Brief Summary of Injury or Illness <i>(Ex: Unconscious, Struck by Falling Tree)</i>
Transport Request		Air Ambulance / Short Haul/Hoist Ground Ambulance / Other
Patient Location		Descriptive Location & Lat. / Long. (WGS84)
Incident Name		Geographic Name + "Medical" <i>(Ex: Trout Meadow Medical)</i>
On-Scene Incident Commander		Name of on-scene IC of Incident within an Incident <i>(Ex: TFLD Jones)</i>
Patient Care		Name of Care Provider <i>(Ex: EMT Smith)</i>

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

Patient Assessment: See IRPG page 106

Treatment:

4. TRANSPORT 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. CONTINGENCY: 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 ETA's of resources ordered. Act according to your level of training. Be Alert. Keep Calm. Think Clearly. Act Decisively.

The wildland fire community's greatest resource is our personnel, and ensuring our personnel are healthy is the first step in meeting the wildland fire mission.

The best way to prevent COVID-19 is to avoid being exposed to the SARS-CoV-2 virus causing COVID-19. Due to the nature of the wildland fire work environment, not every recommendation listed below will be feasible and some may need to be modified depending on the uniqueness of one's workplace or fire environment. It is important to emphasize that identifying and preventing the spread of COVID-19 will be critical as all agencies strive to keep their workforce healthy throughout the fire season. Fire agencies should also complete a [hazard assessment](#) to identify potential hazards related to COVID-19. The [Hazard Assessment and Prevention Toolkit for COVID-19](#) provides a framework to complete the assessment.

Summary of Major MPHAT Updates-May 2021

- On May 13, 2021, the Centers for Disease Control and Prevention (CDC) provided [further guidance for fully vaccinated people with respect to wearing a mask and physical distancing](#). The President's [Executive Order 13991](#) on Protecting the Federal Workforce requires agencies to adhere to current public health measures as provided in CDC guidance, including with respect to mask wearing, physical distancing, and other safety measures.
- Application of the *Module as One* concept has changed. *Module as One* should be used by crew and modules to reduce exposures to COVID-19 from outside resources or the public, and no longer as a tool to operate in close quarters without masks. Further, because Incident Management Team (IMT) members often travel from various locations, are not able to quarantine ahead of assignment, and often interact with the public and many other IMT members – they cannot achieve a closed "family" unit or be a *Module as One*.
- Availability of the COVID-19 Vaccination. MPHAT recommends the COVID-19 vaccination for wildland fire response personnel to maintain critical fire operations. The full recommendation can be viewed here: <https://www.nwccg.gov/sites/default/files/docs/eb-fmb-m-21-002a.pdf>.
- Quarantine requirements for vaccinated individuals has changed. No quarantine is required if an individual can show they have had a full series of COVID-19 vaccine and is 14 days out from the last vaccination and is without symptoms. It is recommended that the individual be tested for COVID-19 following an exposure and thorough routine workplace screening programs should continue.
- Cleaning with products containing soap or detergent once a day is usually enough to sufficiently remove virus that may be on surfaces and help maintain a healthy facility. If the space is a high traffic or use area or certain conditions apply, cleaning and disinfection may need to occur more frequently.

Incident: Delta Lake Fire	Date: 7/23/21	Operational Period: Day
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SAFETY MESSAGE






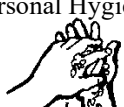

SAFETY IS OUR FIRST PRIORITY

Fire fighter safety comes first on every fire, every time



SAFETY THOUGHT
 “Listen for the Alarm”. Watch for changing conditions.
 Be aware of “watch out” situations. Be alert to indicators of fire behavior.

MAJOR HAZARDS AND RISKS	
<ul style="list-style-type: none"> • Complacency/Boredom • Civilian vehicles/onlookers • Hazard Trees • Cumulative Fatigue 	<ul style="list-style-type: none"> • Vehicle Operations • Air Operations • Make sure to have proper PPE; WEAR IT • Fire Access—go slow

TACTICAL WATCHOUTS	HAZARD CONTROL
Vehicle Operations 	Pull off roads to allow traffic to pass, watch for soft shoulders, keep speed down, headlights on , use a spotter when parking, use chock blocks.
Chain Saw Operations 	Use chain guards when transporting saws, DO NOT drop start saws! Only employees who are trained and certified should operate chain saws under any conditions. No employee shall approach a felling operation closer than 3 tree lengths of the tree being felled. Use swampers, watch spacing, wear PPE.
Air Operations 	Use clear text communication and identify ground contact with pilot. Stay heads up with helicopter operations.
Slips and Falls 	Slips and falls can happen quickly and easily when walking through dense brush, uneven muddy terrain, or along slopes. Check for proper and good condition boots. They must meet the standard! Make sure you go slowly and watch your step
Watercraft Operations 	Ensure watercraft operation training is implemented before assigning resources to utilize this mode of transportation. Mandate PFD's are worn anytime an individual is in any watercraft.
Personal Hygiene 	Wash your hands often. Wash fresh fruits and vegetables before eating. Always wash your hands before handling food. Wash hands after using the bathroom.
First Aid Prevention 	Encourage crews to seek first aid to avoid aggravating minor injuries or ailments. Seek first aid remedies for blisters, sprains, athlete's foot, coughs.

Safety Officer	Line Safety
Lee Osterland SOF2	Harold Kibbe

Eastern Area IMT 2 Tactical Risk Management Analysis

Incident: Delta Lake Fire

Date Prepared/Revised: 7/23/21

Operational Period: 7/24/21 08:00H

Leaders Intent: Implement sound risk management practices in order to provide for firefighter safety, other responders safety, and public safety. This will be accomplished through the use of tactical risk analysis processes.

Mission: Provide for the safety of all in area of incident.

Location of Mission or Task: All Branches-all Divisions and Groups

Hazards	Pre-Mitigation						Division/Group				Post-Mitigation			Additional Time Critical Mitigations Utilized or Implemented	
	Identified	Severity	Outcome	By A.Z.	Strategy/Program/Policy	Crewed/Un-Crewed	UMP/ACP	Wilderness	Mitigation			Identified	Severity		Outcome
									Identified	Severity	Outcome				
Unburned Fuels and Fire Behavior	Probable	Marginal	Medium	X	X					Monitor weather. Base actions upon observed & predicted fire weather. ICES checklist IRPG prior to engagement.	Occasional	Marginal	Low	Monitor weather forecasts for approaching hazardous conditions and be pre-active in decision making.	
Driving, roadside hazards, steep inflow of terrain	Frequent	Marginal	Medium	X	X			X		Drive with headlights on at all times. Slow Down. Maintain Awareness. Wear seatbelts. Drive defensively & pay attention to signage. Make sure vehicles are well maintained. Wash windows both inside and out.	Frequent	Marginal	Low		
Canadian Fire	Probable	Marginal	Medium	X	X			X	X	Maintain situational awareness of what the Canadian wildfire potential is. Run fire behavior models daily. Monitor and stay ahead of weather forecasts. Be proactive and develop action plans. If operational needs develop ensure integrity of Delta Lake Fire operations area's compromised.	Rare	Negligible	Low		
Snags/Hazard Trees/Blow Down Areas/Chutes/Lean Operations	Probable	Marginal	Medium	X	X			X		Use qualified sawyers when addressing snags, hazard trees/blow downs, flag hazard trees, avoid suppression tactics or modified fire location, provide timely feedback to others of hazard areas with snags/blow downs. Cut escape routes in blow down areas.	Frequent	Marginal	Low		
Communication	Probable	Marginal	Medium	X	X			X	X	Maintain communication with aviation resources and suppression organization, ensure all know frequency and protocol for contacting resources, minimize and shift communication plan changes. Track activities in the Wilderness Area.	Probable	Negligible	Low		
Air Operations	Probable	Catastrophic	High	X	X			X	X	Use aircraft SOPs and use air attack when using multiple aircraft. Ground troops use signal devices and positive comms with aircraft. Brief on sling operations.	Occasional	Critical	Medium		
Fatigue, Illness, Dehydration	Occasional	Critical	Medium	X	X			X	X	Drink 1 quart of water/hour to ward off dehydration. Set a reasonable work pace and allow adequate rest breaks. Follow work/rest guidelines. Use body system to monitor personnel of heat related & fatigue issues.	Negligible	Negligible	Low		
COVID 19	Occasional	Critical	Medium	X	X			X	X	Practice social distancing. Clean and disinfect surfaces that have been potentially contaminated. Report to supervisor immediately if feeling ill. Utilize hand sanitizer after touching foreign surfaces. Wash your hands frequently with soap and water or utilize hand sanitizer as a substitute.	Rare	Negligible	Low		
Watercraft Operations	Frequent	Marginal	Medium	X	X			X		Fill out Float Plan and review Job Hazard Analysis for marine operations. Brief passengers of watercraft safety procedures prior to launch.	Probable	Marginal	Low	Develop float tracking protocol from launch to destination and back. Conduct watercraft operation training.	
Initial Attack	Occasional	Marginal	Medium	X	X					Receive a thorough briefing including assignment, fire behavior and weather and communications.	Occasional	Marginal	Low	Be sure releasing resources for initial attack doesn't compromise the integrity of the Delta Lake fire operations.	
Wildland Urban Interface	Occasional	Marginal	Medium	X	X					Conduct Risk Assessment of area and mitigate as needed. Identify Management Action Points and thresholds for reassignment. Avoid power lines. Follow agency process and protocols.	Occasional	Marginal	Low	Develop structure protection plan. Ensure evacuation plan is in place.	

Comments: Special attention needs to be paid to ensure good communication in the Wilderness areas. Air operations will require additional emphasis on safety mitigation measures.

Mechanized Equipment Record

Boundary Waters Canoe Area Wilderness

1. **Forest:** _____ **District:** _____
2. **Incident Name:** _____ **Incident Commander's Name:** _____
3. **Authorization Date:** _____
4. **Authorization Type (check):**
- | | |
|--|---|
| <input type="checkbox"/> Emergency, Fire ____ | <input type="checkbox"/> Emergency, Other ____ |
| <input type="checkbox"/> Emergency, Law Enforcement ____ | <input type="checkbox"/> State and Private Land Access ____ |
| <input type="checkbox"/> Emergency, Search and Rescue ____ | <input type="checkbox"/> Administrative ____ |

5. **Authorization Time Span (often the life of the fire):**

Starting Date: _____

Ending Date: _____

6. **Requestor:**

Internal to Forest Service:

OR External to Forest Service:

7. **Authorizing Official's Title (and Name of District Ranger):**

- | | |
|---|---|
| <input type="checkbox"/> Chief ____ | <input type="checkbox"/> Forest Supervisor ____ |
| <input type="checkbox"/> Regional Forester ____ | <input type="checkbox"/> District Ranger ____ |

8. **Remarks (1. how fire started, 2. minimum tool rationale for motorized equipment needs, and 3. actions with the equipment like long-lining, bucket drops, sling loads, landings, jumpers, etc.):**

9. **Equipment Type, number, and hours used:**

- | | |
|---|--|
| <input type="checkbox"/> Air Tanker ____, ____ | <input type="checkbox"/> Motorcycle ____, ____ |
| <input type="checkbox"/> Float Plane ____, ____ | <input type="checkbox"/> Portable Pump ____, ____ |
| <input type="checkbox"/> ATV ____, ____ | <input type="checkbox"/> Rock Drill ____, ____ |
| <input type="checkbox"/> Bicycle ____, ____ | <input type="checkbox"/> Snowmobile ____, ____ |
| <input type="checkbox"/> Chainsaw ____, ____ | <input type="checkbox"/> Truck ____, ____ |
| <input type="checkbox"/> Generator ____, ____ | <input type="checkbox"/> Wheelbarrow ____, ____ |
| <input type="checkbox"/> Heavy Equipment ____, ____ | <input type="checkbox"/> Portage wheels ____, ____ |
| <input type="checkbox"/> Helicopter ____, ____ | <input type="checkbox"/> Winch, Motorized ____, ____ |
| <input type="checkbox"/> Motor boat ____, ____ | |

10. **Name, Phone Number, & District of Person Submitting Form:**

EA Silver SUF West Zone Complex

POSITION	NAME	PHONE#	EMAIL
ICT2	Lucas Minton	928-707-1940	
ICT2 (t)	Russ Harris	573-718-1709	
SOF2	Lee Osterland	231-357-7381	
SOFR	Harold Kibbe	231-920-5085	
PIO2	Cecile Stelter	814-688-7133	
PIO2	Catherine Koele	608-219-9075	2021.westzone@firenet.gov
PIO2 (t)	Robert Fitzhenry	603-953-3294	
LOFR	James Furman	850-978-3236	
LOFR (t)	Paul Rogers	616-260-8406	
OSC2	Keith Murphy	906-250-1382	
OSC2	Jay Saunders	715-850-1338	
OPBD	Greg Peterson	218-214-1476	
DIVS	Kevin Sherretz	231-357-0112	
DIVS	Steve Cameron	231-357-7404	
DIVS	Mark Brown	207-233-9348	
DIVS	Jecobie Waters	530-414-3470	
PSC2	John Wyman	740 817-0174	
PSC2	Barb Geringer	202-577-4827	
RESL	Pete Fischer	304-618-9083	2021.deltalake.resources@firenet.gov
SITL	Ben Garrett	715-416-4754	2021.deltalake.situation@firenet.gov
FBAN	Scott Linn	715-889-1824	
GISS	Matt Judd	218-626-4382	
ITSS (CTSP)	Bruce Bowen	414-416-8685	
LSC2	Tim Oland	218-244-7249	
LSC2 (t)	Todd Manley	218-244-7925	
FACL	Jonathan Benson	218-206-1462	
SUPL	Thomas Piper	727-514-5513	2021.deltalake.ordering@firenet.gov
COML	Peter Willis	320-630-3193	
MEDL	Terry O'Connor	218-368-8554	
MEDL (t)	Kate Batten	907-328-9318	
RCDM	Christopher Combs	727-992-0046	
BCMG	Jonathon Breithaupt	231-632-0135	
EQPM	Mike Trierweiler	218-343-9371	
ORDM	Cathy Schiller	218-851-4367	
FSC2	Peter Beringer	603-970-1338	
FSC2 (t)	Mary Coleman	573-210-7073	
TIME	Valarie Sanchez	505-269-7808	
PROC	Tommy Price	863-661-4019	
EQTR	Jennifer Gallagher	989-339-7097	
PTRC	Barbara Ortega	505-999-0822	
PTRC	Rosemary Johnson	218-252-2363	
PTRC	Farrah Scalora	239-202-1816	
RESL (t)	Chris Bergquist	218-244-0192	
GSUL	Mike Bailey	740-404-4652	

From Your Friendly Finance Team...

Please email all CTR & Shift Tickets **DAILY** and only attach **ONE** CTR or Shift Ticket per email.

2021.deltalake.finance@firenet.gov



QR Code for Finance Email

Email subject line should include: Resource Order # & Names
(example O-100 & Smokey Bear)

Please include your phone number in the email.

Please use the following fire codes for all incident related cost such as: payroll, travel, and invoices.

MN-SUF-000333
P9N461 (0909)

For Finance Questions Call: Val @ 505-269-7808

Last Day of Work

7/24

AMBU	E-6	ELY AREA AMBULANCE
MEDL	O-6.21	O'CONNOR, TERENCE
FSC2	O-6.45	COLEMAN, MARY
DRIV	O-80	JACQUES, NATHAN
FFT2	O-118	BARRY, ZACHARY JAMES

7/25

HC2I	C-1	MNDNR CREW 1
HC2I	C-3	MI INTERAGENCY
ENG6	E-12.999	ENGINE, TYPE 6 OH E64
ENG6	E-30	ENGINE - T6 - MD-MDS - E-854 - FORD F550 - 06203SG
ICT2	O-6.2	MINTON, LUCAS
SOF2	O-6.3	OSTERLAND, LESLIE RICHARD
PIO2	O-6.4	STELTER, CECILE MARIA
OSC2	O-6.6	MURPHY, KEITH THOMAS
OSC2	O-6.7	SAUNDERS, JAY A
PSC2	O-6.9	WYMAN, JOHN P
LSC2	O-6.10	OLAND, TIMOTHY PATRICK
FSC2	O-6.11	BERINGER, PETER J
DIVS	O-6.13	SHERRETZ, KEVIN DANIEL
DIVS	O-6.15	BROWN, MARK L
LOFR	O-6.16	FURMAN, JAMES H
FACL	O-6.17	BENSON, JONATHAN ARTHUR
SPUL	O-6.18	PIPER, THOMAS RALPH
RESL	O-6.25	FISCHER, PETER FRANCIS
GISS	O-6.26	JUDD, MATT
ITSS	O-6.27	BOWEN, BRUCE A
SITL	O-6.28	GARRETT, BENJAMAN L
OPBD	O-6.33	PETERSON, GREGORY
EQPM	O-6.34	TRIERWEILER, MICHAEL LEE
PSC2	O-6.35	GERINGER-FRAZIER, BARBARA LYNN
SECM	O-6.38	GRUBB, KATLYN F
RCDM	O-6.44	COMBS, CHRISTOPHER
BCMG	O-6.47	BREITHAUPT, JONATHON JEFFREY
PIO2	O-6.48	FITZHENRY, ROBERT C
LOFR	O-6.49	ROGERS, PAUL IAN
LSC2	O-6.50	MANLEY, TODD ROBERT
COMT	O-6.52	SCHRADER, JOHN D
EMTF	O-15	JOHNSON, DAVID E
COML	O-27	WILLIS, PETER R
HECM	O-28	SCHMIDT, ANDRE J
HECM	O-29	RASMUSSEN, CONNIE RENEE
REAF	O-37	MCCANN, ELLIE

TIME	O-82	SANCHEZ, VALARIE A
EQPM	O-106	SVENDSGAARD, KURT
GSUL	O-115	BAILEY, MICHAEL R

7/26

AMBU	E-3	CITY OF VIRGINIA ALS AMBULANCE - MEDIC 5
PROC	O-6.32	PRICE, TOMMY RAY
PTRC	O-6.37	ORTEGA, BARBARA R
SOFR	O-6.42	KIBBE, HAROLD L
PTRC	O-6.51	SCALORA, FARRAH C
SECM	O-6.54	CLARK, DAVID T
ICT2	O-20	HARRIS, RUSSELL M
RCDM	O-41	HORNDT, STEVEN W
SEC2	O-42	KRUSE, LISA JO
SEC2	O-43	TETRAULT, CHRISTOPHER LOGAN
SEC2	O-44	GORECKI, ROBERT ANDREW
SEC1	O-45	OLSON, KEITH S
SEC2	O-46	MCGOWAN, PATRICK MICHAEL
SEC2	O-47	PRODZINSKI, KEVIN LEE
SEC2	O-48	WILLIAMS, SEAN PAUL
SEC2	O-49	VELSVAAG, JOHN WILLIAM
PIO2	O-59	KOELE, CATHERINE R
RADO	O-61	JOHNSON, JENNA EILEEN
RESL	O-62	BERGQUIST, CHRISTOPHER JON
ORDM	O-73	SCHILLER, KATHLEEN MAE
FFT2	O-119	DISCH, DANIEL GARY

Resources are asked to complete the virtual process to initiate their demobilization. Only one submission is necessary per resource- overhead, engine module, crew, etc.

Access the virtual demob process using the QR code below or the following link:
<https://forms.office.com/g/6Ytga2YkfK>



Supply Unit ordering

To order supplies:

Please include that all forms must be filled out with at least 24 hour turn around and include a phone number so we can call if we have questions.

Also all orders have to have SUF West Zone Complex as the fire, not Delta.

You can do an electronic link to the resource order sheets and 213, but the saw one needs to be a hard copy for the crews to use and drop off at supply.

Thanks Tom

email to: 2021.deltalake.ordering@firenet.gov



GENERAL MESSAGE (ICS 213)

1. Incident Name (Optional):		
2. To (Name and Position):		
3. From (Name and Position):		
4. Subject:	5. Date:	6. Time
7. Message:		
8. Approved by: Name: _____ Signature: _____ Position/Title: _____		
9. Reply:		
10. Replied by: Name: _____ Position/Title: _____ Signature: _____		
ICS 213	Date/Time: _____	

Saw Parts Request Form

Name			
Resource #		Request Date	
Phone #		Pickup Date	

Saw Info

Make	Please circle: Stihl Husqvarna
Model #	Please circle: 360 361 340 341 362 380 381 390 391 440 441 460 461 640 650 660 880 Other:
Bar Length	Please circle: 24" 28" 30" 32" 36"

Request

S #	Amount	Part Name & Number
S-		
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For Sprocket (*) & Chain Orders, Fill Out Below

# of Drivers	Please Circle: 84 91 98 103 104 105 114
Pitch	Please Circle: 1/4" .325" 3/8" .404" 3/4"
Gauge	Please Circle: .043 .050 .058 .063
Tooth Layout	Please Circle: Full Semi-Skip Full Skip
Tooth Cut	Please Circle: Chisel Micro-Chisel Semi-Chisel Chamfer-Chisel
# Sprocket Teeth	Please Circle: 7 8 Other:

DIVISION APPROVAL:

West Zone Complex Traffic Plan

To help minimize risk to firefighters and the public with the very popular Blueberry/Art Festival, July 23-25, we are suggesting alternate travel routes.

- It is advised to not use Highway 169/1, also known as Sheridan St., if at all possible during festival time.
- Camp St., which the ICP is on, is one block north of Sheridan St. and runs parallel to it. This would be a good route if you must travel west. Be aware that traffic will still be heavy and that left hand turns in town may take a long time.
- When traveling between ICP and the District office it is recommended that 17th Ave E, N Savoy Rd, and Grant McMahan Blvd. (Co Rd 88) be used. Also be aware that there is a hiking path between ICP and the District office if you would like that option.
- 7th Ave and 8th Ave, along side the city park, will be closed to traffic for the duration of the festival.

Please be patient!

West Zone Traffic Plan

— Traffic Route



Savoy Road

CR88

District Office

ICP

1,200 600 0 1,200 Feet



ACTIVITY LOG (ICS 214)

1. Incident Name:	2. Operational Period: Date From: _____ Time From: _____	Date To: _____ Time To: _____
--------------------------	--	----------------------------------

3. Name:	4. ICS Position:	5. Home Agency (and Unit):
-----------------	-------------------------	-----------------------------------

6. Resources Assigned:		
Name	ICS Position	Home Agency (and Unit)

7. Activity Log:	
Date/Time	Notable Activities

8. Prepared by: Name: _____	Position/Title: _____	Signature: _____
------------------------------------	-----------------------	------------------

ICS 214, Page 1 Date/Time: _____