

Incident Action Plan

R90539 – Tagish Lake

July 17



Photo Cred: Maddie Hughes

*Cold, Wet, and **Windy!***

MVP: Everyone! Thank-you to everyone who has come in to get tested so far. We appreciate it a lot!

Breakfast → 0600 - 0800
Dinner → 1830 - 2030

Prepared by Cassie Henderson, Plans Section Chief Cassie Henderson
Approved for implementation by Ian Harris, Incident Commander

INCIDENT OBJECTIVES

INCIDENT OBJECTIVES		INCIDENT	R90539
Operational Period		0700-2100	
GENERAL OBJECTIVES (Detailed objectives in Division Assignments)			
Command	<ul style="list-style-type: none">• Provide for the safety of all responders• Protection of public, infrastructure, and property		
Operations	<ul style="list-style-type: none">• Ensure Daily Safety Briefing is completed• Clear communications with fireline staff• LACES		
Plans	<ul style="list-style-type: none">• Daily IAP distribution• Resource tracking, documentation, fire mapping• Fire size: 122 ha		
Logistics	<ul style="list-style-type: none">• Maintain responder accommodations• Managing resources for the fireline and camp		
Finance	<ul style="list-style-type: none">• Track and report daily/total costs• Ensure agreements/contracts are in place		

SAFETY MESSAGE

- Covid seventh wave is here in Tagish camp. Pretend we're in 2020 again with your COVID protocols. **Masks in confined spaces. Helis, wash trailers, camp office. Between dinner tables, and lining up for food also. Thanks!**
- Regularly wash / sanitize hands. Practise physical distancing
- No food in tents. Not even toothpaste
- ***High Winds!! SW winds gusts to 50kph starting early in the morning. Constant winds 15-20kph***
- Watch for complacency, slow fire behaviour is when injuries tend to occur.
- Stay warm out there.
- With the current incident in Lytton, please take care of each other and your own mental health. Check in with your crew mates!
- **CISM: 1 800 661 2476. Safe Reporting Line: 1 855 500 6609**

COVID SAFETY PLAN

If 1-2 people test positive in camp → isolate on-site in the trailer.

If 3-5 people test positive → travel to Dease Lake to Isolate in 16 Mile Cabins. Meals and Logistics will be taken care of by Zone office.

If a Crew tests positive → travel to Dease Lake and isolate in a campground while supported by the Zone office.

If 1-2 ppl test positive close to Demob date → isolate on-site and use provided vehicle to travel home.

FIRE BEHAVIOUR FORECAST

Fire Behaviour Forecast										
 Ministry of Forests, Lands and Natural Resources - Wildfire Service						Fire Behaviour Forecast #				
Issued Date		Issued Time		Prediction Date		Prediction Time		FBAN		
Jul 16, 2022		1300		July 17		All Day		-		
SAFETY										
Stay out of burnt out spruce stands										
Fire Behaviour Advisory:				Winds gusting 40-50km/hr						
WEATHER SUMMARY										
<p>TODAY: Mist patches to start the day with a few showers lingering until mid-morning. Amounts 2 to 3mm. 30% chance of showers in the afternoon Otherwise mainly cloudy. Cooler with MAX TEMP 14C. MIN RH 50%. Expect IFR flying conditions in the morning improving to MVFR by afternoon. Winds likely the bigger story; they will stay up through the day and likely be a little stronger then values experienced yesterday</p> <p>OUTLOOK: Stronger surface inflow will persist through the start of the week. Expect possible showers and cooler conditions to linger over the site on Monday as an upper trough pushes across northern BC. However, subsidence might limit any shower activity to areas east of the Fire Location. New model guidance keeps the northern tier of the Cassiar more unsettled with more seasonal max temperatures through much of the coming work week. As a result, expect flying conditions to continue to be more variable through Friday.</p> <p>SYNOPSIS: An upper ridge just west of the Alaska Panhandle will move east reaching the Cassiar by afternoon. This ridge will be stabilizing the air column. Following the ridge expect an upper trough to move eastwards from Alaska increasing the cloud this evening and spreading showers in the overnight period allowing for good recoveries. This trough will also bring with it cooler temperatures and the min RH will trend upwards on Sunday</p> <p>The flow aloft will become more SW by Sunday afternoon reducing the shower activity as more subsidence reaches the fire location.</p> <p>The bigger story this weekend is the winds. Mod to strong gusty SW winds developed yesterday and will continue overnight and into today with increased speed.</p>										
Wx and FWI Indices for 1700 hrs.										
Date		Temp	RH %	WD	WS	Prec.	FFMC	ISI	BUI	FWI
July 17	Atlin	12	65	SW	8	3	63.4	0.7	48	2
10:00	Spot	9	75	SSW	20G35	2				
13:00	Spot	12	55	SW	25G50	1				
16:00	Spot	14	50	SW	20G40	-				
FIRE BEHAVIOUR GENERAL										
Inversion should break by 1100 Expects gusts to 40-50km/h.										
<i>Be aware of localized winds and topographical features that will affect fire behaviour.</i> Use your red book to make adjustments for your particular on site conditions!										

MEDICAL OPERATIONS PLAN (ICS 206)

1. Incident:		R90539					
2. First Aid Contacts							
Name and Contact Number	Location	Frequency	Paramedics on Site?				
Jeremy Neufeld (RAP 117)	Helibase	Silver	☐ Yes ☒ No				
Rainmakers B1, C1, D2, E2	West Flank	Fireline B1 T6, Iron	☐ Yes ☒ No				
NW 91	Helibase/Base	Silver	☐ Yes ☒ No				
NW H1	Various	Silver, Iron	☐ Yes ☒ No				
David Wheatcroft Medic359	Camp Medic	Silver	☐ Yes ☒ No				
			☐ Yes ☐ No				
3. Medical Aid Locations							
Medical Center	Location	Contact Number	Level of Service				
Carcross Health Center Closes 1630 (erratic hours)	Carcross	867 821 4444 (emergency) 867 969 4444 (non-emergency)	Basic				
Yukon Ambulance Service Dispatch	Yukon	911 867 456 8401	Advanced				
4. Hospitals:							
Hospital Name	Address, Latitude & Longitude if Helipad	Contact Number(s)/ Frequency	Travel Time		Trauma Center	Burn Center	Helipad
			Air	Ground			
Whitehorse General Hospital	5 Hospital Rd, Whitehorse, YT 60.7193° N 135.0436° W	867-393-8700	0.5 hr	1.5hr	YES	NO	NO
5. Special Medical Emergency Procedures: All injuries are to be reported to the supervisor immediately. Medic, Safety Officer, and Fire Centre will be notified by the supervisor. <ul style="list-style-type: none"> Crew first aid attendant will assess the injury and treat. First Aid attendant will notify the Medic and determine the level of treatment required. First Aid Attendant or Medic in charge of the patient will determine the method of transport and the transport location. Requests for transport will be made through the supervisor. <p>Supervisor will ensure that necessary documents are completed and turned in to the Safety Officer.</p> <p>AIR MEDIVAC PROCEDURES: SERIOUS INJURIES</p> <ul style="list-style-type: none"> Requests for air medivac will be made through the Division Supervisor to Northwest Fire Center Dispatch. Dispatch will coordinate Yukon Ambulance Service response. Appropriate aircraft will be designated for medivac by AOBD. First Aid Attendant in charge will determine the destination in consultation with Dispatch: ambulance or hospital. Land in Heli Staging Area and Helicopter ambulance can meet us there to transfer patient Helibase coordinates: 60 10.104, 134 23.877 <p>BCAS may change the destination or rendezvous en route.</p> <p>GROUND TRANSPORT PROCEDURES: MINOR INJURIES</p> <ul style="list-style-type: none"> First Aid Attendant in charge will render First Aid and determine that ground transport is adequate. Patient is either released or transported by vehicle to ambulance or hospital. Patient transfer to ambulance will occur as soon as possible. Other minor injuries will be directed to the hospital as required. <p>Note: In most cases, BCAS will be unable to travel off paved roads to complete patient transfers.</p>							

COMMUNICATIONS PLAN (ICS 205)

Incident Number	R90539			
CHANNEL	FUNCTION	FREQUENCY TONE	REMARKS	
Fireline B1	Repeater (talk to Fire Center)	6		
Iron	Fireline Channel			
Silver	Camp Channel			
Zinc	Road Channel			
AVIATION				
Iron	Air to Ground			
Silver	Helibase			
123.2	Air to Air			
Red	NWFC	6		
FIRE OPERATIONS				
Iron	Fireline Channel			
Iron	Air to Ground			
Ensure that at least one person on your crew is monitoring Air to Ground Frequency to allow for contact with HELCOs				
STRUCTURE				
ROAD				
Zinc	Road to Helibase			
<p>Follow appropriate resource road protocol: ID yourself when entering a road (pick-up/lowbed), call 'UP' only at must call locations (entering new roads, freq changes, posted 'must call' locations). Call 'DOWN' at odd km and must call locations.</p>				
CHECK IN PROCEDURES				
<ol style="list-style-type: none"> 1. Ops Chief will check in with the Northwest Fire Center that all personnel are on site as per the IAP. Any deviation from the IAP must be communicated to the fire centre 2. Ops Chief will do 2 hour check ins with the Northwest Fire Center 3. At the end of the day, the AOB will check in with the Northwest Fire Center that all personnel are safely back in camp 4. Single resources not assigned to a division will do 4 hour checks with the Ops Chief 5. Courtesy check with the division supervisor should be done when entering and leaving their area. <p style="color: black; font-weight: bold;">Please communicate any feedback to logistics for radio coverage issues</p>				

AIR OPERATIONS SUMMARY (ICS220)

Incident Number	R90539					
Remarks (safety notes, hazards, etc.)			Medivac Aircraft		NOTAM Information	
<u>Keep an eye out on the ceiling level.</u> <u>High winds forecasted</u>			WTQ - Hoist		5 miles around the fire, staging, and the flight corridor. 3000ft above ground level July 16 - July 20	
Atlin	Skids Up:		0351		Skids Down:	2338
AIR BRANCH PERSONNEL						
Position	Name & Phone Number			Call Sign		
AOBD	Kerry Maclean 250 877 2558			NW 91	Silver	
Helibase MGR	Kathryn Chrobot			Rainmaker E2	Silver	
Helicopters						
Reg	Model	Start	End	Assignment	Pilot	Contact
C-GOGR	212	0700	1900	Crew moves	Kevin Riese	604 220 7018
C-GZNK	212	0700	1900	Crew moves	Phil Davies	250 683 9142
C-FWTQ	412	0700	1900	Crew moves/ Primary Medivac	Ryan Lazzaroto	604 612 0672
C-GTHN	206 L4	0800	2000	Admin/Crew moves	Stephen Clarke	604 892 4657
Fuel Bowser						
Position		Name & Phone Number		Call Sign	Company	Location
Helicopter Fuel Technician		Dan Lake		Fuel Bowser Dan	Craft Fuels	Heli base 60 10.104 134 23.877

DIVISION ASSIGNMENTS (ICS 204)

DIVISION ASSIGNMENT LIST (ICS 204)		Branch:		Division:		
Incident: R90539		Operational Period:		0700-2100		
Operations Personnel:						
Ops Chief	Stephan Karolat		Ops Branch Director			
Div Sup			HLCO			
Resources Assigned to this Period						
Strike Team / Task Force Call Sign	Leader Name & Phone Number	Crew #'s	Last Day on Fireline	Last DD	Div	Specific Crew Instructions
Rainmakers Unit Crew	Ben Smith Rainmaker 1	18	July 21 st	23 rd	SE	
RAP Hotel	Elena Bruns Rap 12	4	July 23 rd (TBD)	25 th	NW	
RAP Bravo	Bennett Wardman RAP 31	3	July 23 rd (TBD)	25 th	NW	
NW Hotel	Will Eason NWH1	4	July 19th	21 st	NW	
1. Control Objectives						
<ul style="list-style-type: none"> SW Div: Patrol edge NE Div: Complete 100' wetline. Patrol quiet sections and sections with previous spots DTA/DTF in areas with continuous burning 						
Hazard Assessment						
Weather	Slope	Unstable Rock	Powerlines	Radio Dead Zones	H2S	Heavy Equipment
Traffic	Heli Pad	Hover Exit	Air Tanker	Long Line & Bucketing	4x4 Access	Remote Worksite
Falling Ops	Size	Wind	Slope >25%	Danger Trees/ Ha	Timber Type	Safe Work Distances 3M
Danger Trees	High BUI >3 days	Mechanical Damage		Other	Other	
Control Measure: Weather: Spot forecast Slope: Clear comms and careful walking, hose tied for assistance Radio Dead Zones: Fireline repeater in place, and verbal checkins within crews on the line Remote Worksite: Clear and concise medi-ops plan (RAP 117) Wind: Pull back to a safe zone if required Danger Trees: DTA/DTF, no work zones						

Danger Tree Protocol

Assessing for workplace hazards is an ongoing, continuous process. As firefighters enter new areas supervisors are responsible for ensuring they are not knowingly exposing people to hazards. Part of this hazard assessment includes 5 Step Danger Tree Process.

STEP 1 Conduct Site Assessment Overview

STEP 2 Determine Type of Work Activity and associated Level of Ground or Tree Disturbance

STEP 3 Conduct Tree Assessment.

STEP 4 Make Appropriate Safety / Management Decision.

STEP 5 Provide Documentation and Communicate Safe Work Procedures

Orange is for areas that have been DTA'd

Yellow is for NWZ



It is essential that workers know;

- Which areas have been assessed and;
- That the appropriate safety procedures have been implemented
- If workers DO NOT see markings in the field, they cannot assume the area has been assessed.

CAMP EVACUATION PLAN

MUSTER POINT → Next to the **WAREHOUSE TRAILER**

SIGNAL → 3 short whistles ... followed by ... 1 long whistle

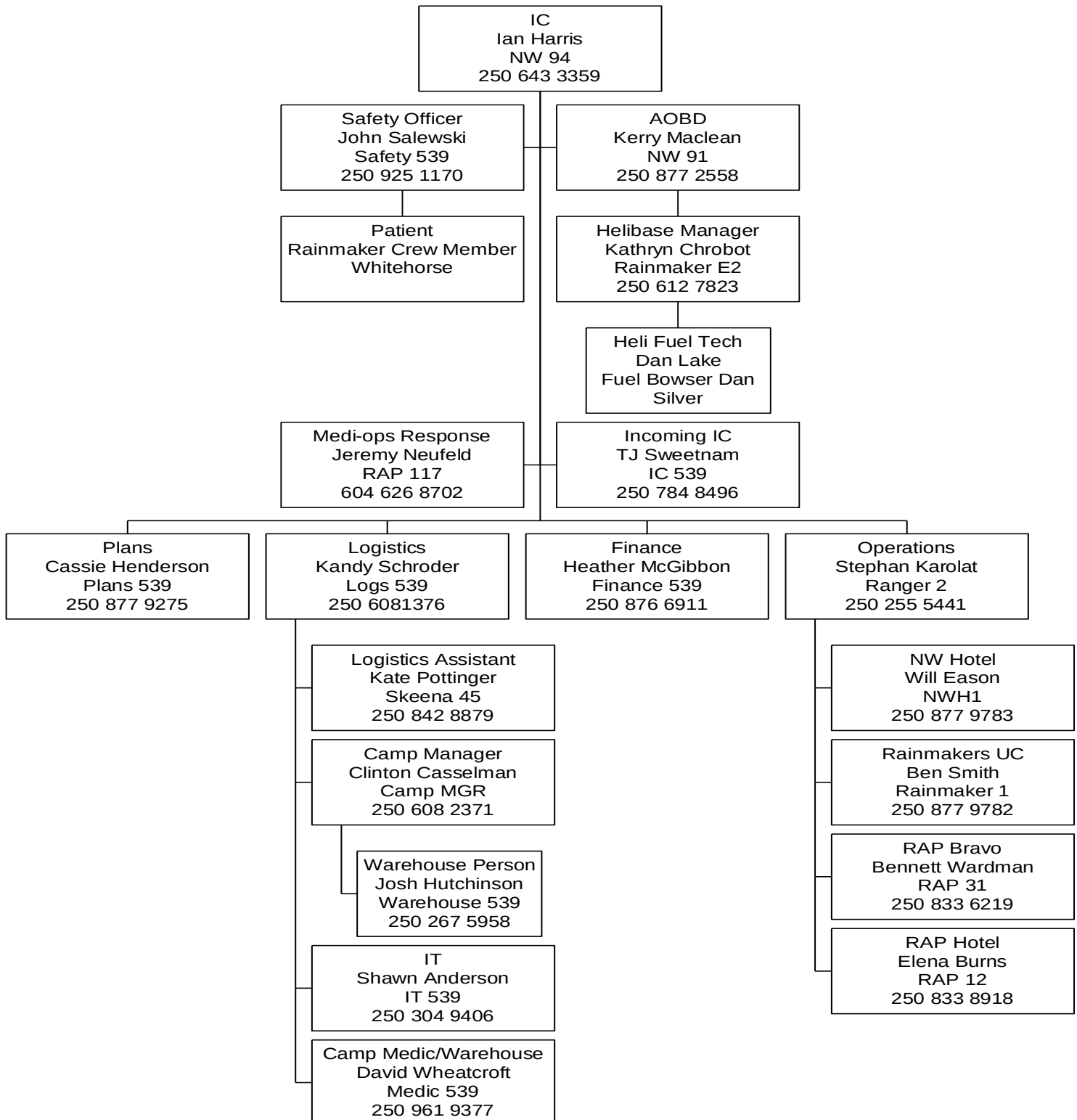


CARCROSS DESERT

- Was once considered the world's smallest desert at 2.6km² (or 259ha, approximately twice the size of our fire).
- Carcross Desert is not actually a desert (it's too humid). It is a series of northern sand dunes.
- The sand was formed during the last glacial period over 11,000 years ago where glacial lakes formed and deposited silt. After the lakes dried, the dunes were left behind.
- The dunes are home to a few unusual flora and fauna, including exceptionally rare Baikal Sedge (*Carex sabulosa*).
- Used by locals and tourists for sandboarding and offroading
- The constant wind from Bennett Lake transports new sand to the dunes, keeping them replenished.



INCIDENT COMMAND



QR Codes

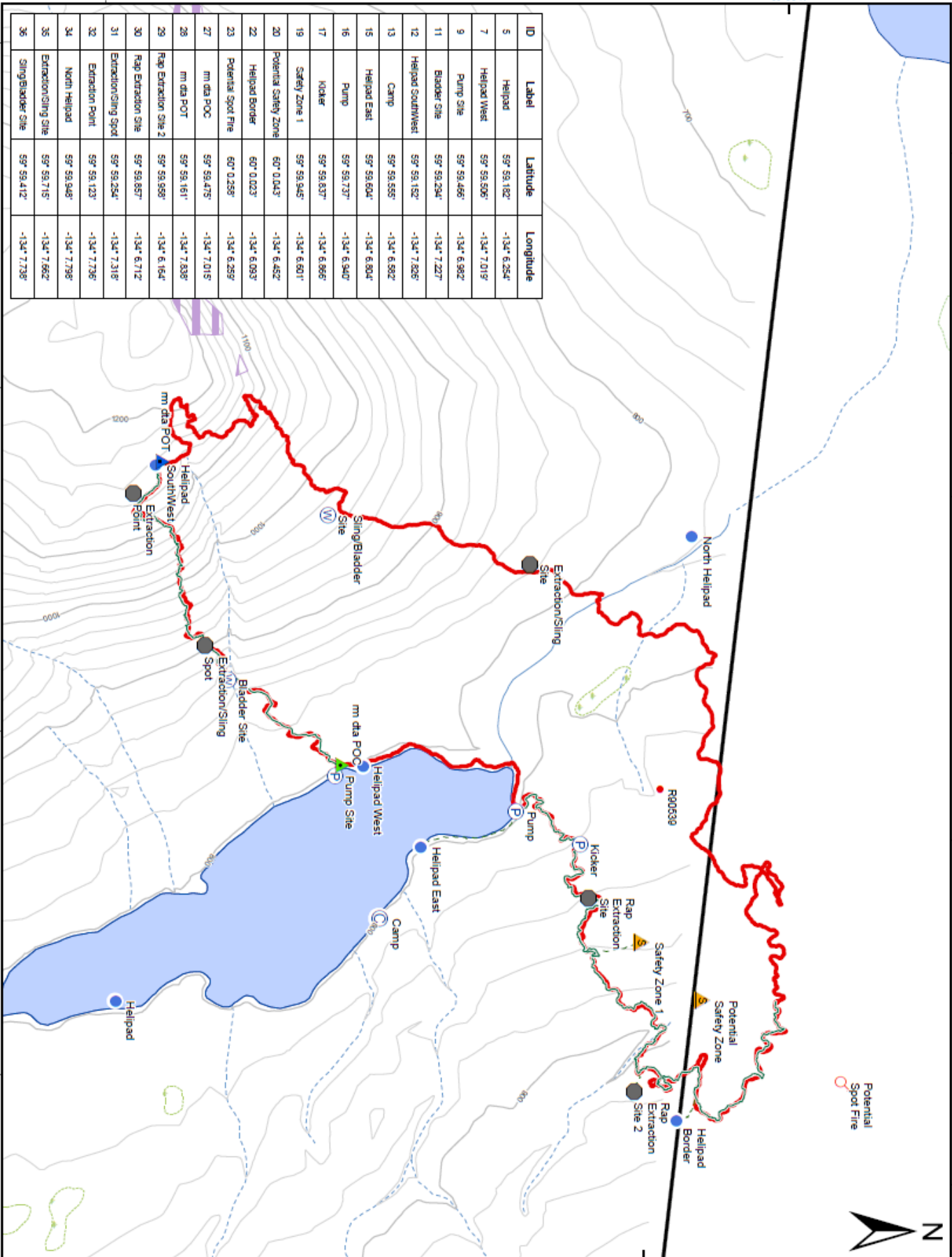
<u>R90539 Fire Map</u>	<u>R90539 IAP</u>
	

Tagish Lake

R90539

OPS MAP

Map Date: July 16, 2022
Perimeter Date: 2022-07-15
Headscale: 121.8 HA



ID	Label	Latitude	Longitude
5	Helipad	59° 59.182'	-134° 6.254'
7	Helipad West	59° 59.595'	-134° 7.019'
9	Pump Site	59° 59.495'	-134° 6.982'
11	Bladder Site	59° 59.294'	-134° 7.227'
12	Helipad Southwest	59° 59.152'	-134° 7.826'
13	Camp	59° 59.555'	-134° 6.592'
15	Helipad East	59° 59.604'	-134° 6.804'
16	Pump	59° 59.737'	-134° 6.940'
17	Kicker	59° 59.637'	-134° 6.866'
19	Safety Zone 1	59° 59.945'	-134° 6.601'
20	Potential Safety Zone	60° 0.043'	-134° 6.452'
22	Helipad Border	60° 0.023'	-134° 6.093'
23	Potential Spot Fire	60° 0.255'	-134° 6.259'
27	m dta POC	59° 59.475'	-134° 7.015'
28	m dta POT	59° 59.161'	-134° 7.838'
29	Rap Extraction Site 2	59° 59.858'	-134° 6.164'
30	Rap Extraction Site	59° 59.657'	-134° 6.712'
31	Extraction/Sling Spot	59° 59.254'	-134° 7.318'
32	Extraction Point	59° 59.123'	-134° 7.736'
34	North Helipad	59° 59.948'	-134° 7.798'
35	Extraction/Sling Site	59° 59.715'	-134° 7.662'
36	Sling/Bladder Site	59° 59.412'	-134° 7.738'

This map may contain
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Information: for
INTERNAL use only

Disclaimer:
This map was prepared for the purpose of providing a visual representation of the information provided to the BC Wildfire Service. It is not intended to be used as a legal document or to provide a guarantee of accuracy. The information on this map is provided as a service and is subject to change without notice. The BC Wildfire Service is not responsible for any errors or omissions on this map. The information on this map is provided as a service and is subject to change without notice. The BC Wildfire Service is not responsible for any errors or omissions on this map.

Legend:
● Helibase
● Helipad
● Structure
● Other
● POT - Point of Termination
● POC - Point of Commencement
● Spot Fire
● Safety Zone
● Water Source (Bladder)
● Pump
● Camp
● Completed Hoseslay
● Trail
● Fire Perimeter
● Fire Point
● Unstable Terrain
● Mountain
● Stream - Intermittent
● Lake
● Lake - Intermittent
● Lake - Intermittent
● Wetland

Scale:
1:10,000
0 0.05 0.1 0.2 0.3 0.4 km

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