



# COLUMBIA SHUSWAP REGIONAL DISTRICT

## Committee of the Whole Meeting

### ADDENDUM AGENDA

Date: Thursday, April 3, 2025  
Time: 9:30 AM  
Location: CSR D Boardroom  
555 Harbourfront Drive NE, Salmon Arm

[Zoom Registration Link](#)

Pages

#### 5. Delegations & Guest Speakers

##### \*5.1 Search and Rescue / Royal Canadian Marine Search and Rescue

1

Presentations by:

- Revelstoke SAR - Giles Shearing, Manager
- RCMSAR Station 106-Shuswap & Shuswap Lifeboat Society - Doug Wasylenki, Deputy Station Leader, Tamara Lansing, Station Leader, Craig Massey, Deputy Station Leader, and Bruce Weicker, Shuswap Lifeboat Society President
- Shuswap Volunteer SAR - Gordon Bose, SAR Manager/Training Officer and team

Overview of 2024 RCMSAR Station 106 - Shuswap Activities

Late agenda - Revelstoke SAR presentation added and corrected broken link to Overview of 2024 RCMSAR Station 106 - Shuswap Activities.

##### \*5.2 Okanagan Film Commission

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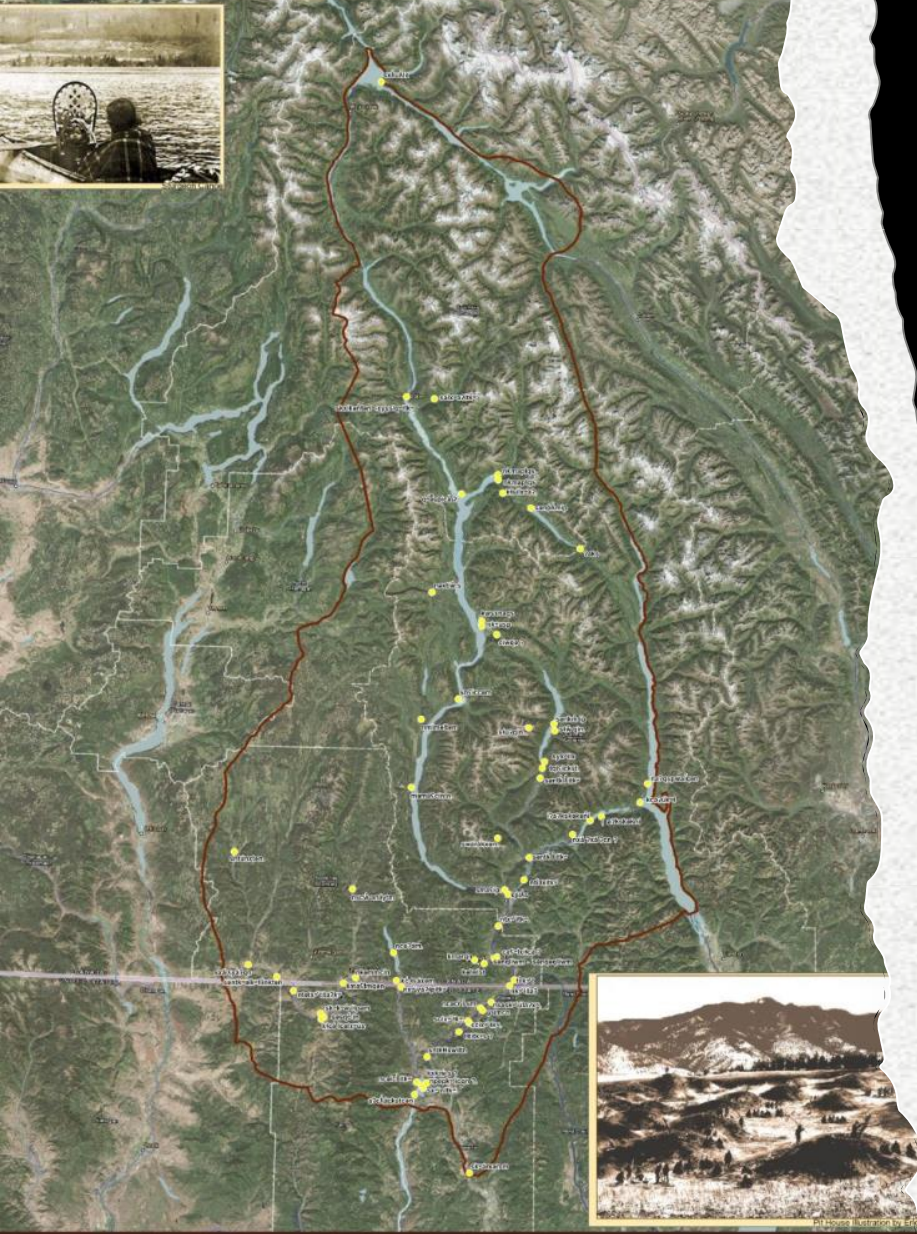
Late agenda - Presentation by Jon Summerland added.



[www.revsar.ca](http://www.revsar.ca)

- 100% VOLUNTEER
- ESTABLISHED 1952
- NO CHARGE SERVICE.





Dr. Robin Wall Kimmerer says “the land knows you even when you are lost”.

WE PROVIDE SERVICE IN THE UNCEDED TRADITIONAL TERRITORIES OF THE:

Sinixt, Secwépemc, Ktunaxa, Syilx (Okanagan) peoples.



**WE'RE HAPPY TO ASSIST ANYTIME – NO CHARGE TO CANADIANS AND INTERNATIONAL VISITORS**

(OUR SERVICES NEED TO REQUESTED BY 1 OF 9 TASKING AGENCIES – CALL 911)

BC LARGER THAN ALL STATES EXCEPT ALASKA - 78 BC TEAMS, 2500 VOLUNTEER MEMBERS, ~1900 CALLS/YEAR

**100 HIGHLY SKILLED AND TRAINED MEMBERS** (PARAMEDICS, AVALANCHE FORECASTERS & CONSULTANTS, ACMG GUIDES, SLED GUIDES, ROCK SCALERS, CARDA DOG HANDLERS, RAFT GUIDES, ICS LEVEL 3, ETC.)

INJURED SLEDDER HANDED OVER TO BC AIR AMBULANCE



RIVER SEARCH FOR MISSING PERSON



# REVSAR AT A GLANCE

**REVSAR ONE OF THE BUSIEST TEAMS IN BC (60-80 calls/yr.).**

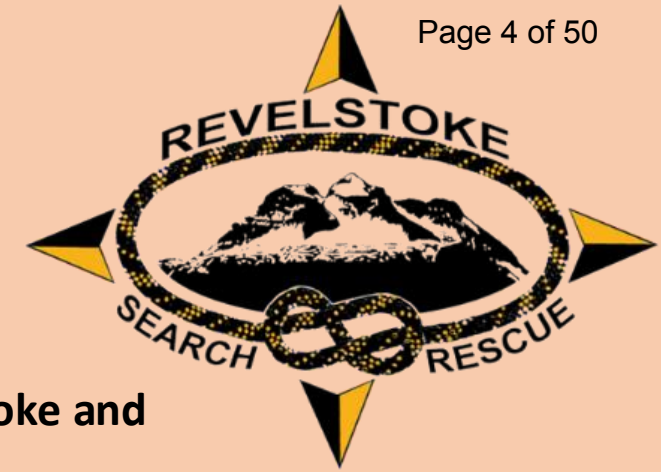
**GOVERNANCE IS A BOARD OF DIRECTORS AND OPERATIONS TEAM.**

**REVSAR has conducted Ground Search and Rescue operations in and around Revelstoke and outlying areas since 1952.**

**REVSAR works under the auspice of the Ministry of Emergency Management and Climate Readiness (EMCR) and is a member of the BC Search and Rescue Association.**

**REVSAR missions start only after our services have been requested by 1 of 9 tasking agencies, most commonly the RCMP. Specialty Teams include the:**

- **Snowmobile Rescue Team**
- **Helicopter Rescue Team: Class D Fixed Line (CDFL) or Helicopter Evacuation Transportation Systems (HETS) Team**
- **Avalanche Rescue Team**
- **Rope Rescue Team**
- **Swift-water Rescue Team**
- **Canine Search Team**
- **REVSAR assists with searches for missing persons, evidence searches, coroner requests, backcountry medical aid, and outreach.**





SLED RESCUE



ROPE RESCUE



MOUNTAIN RESCUE

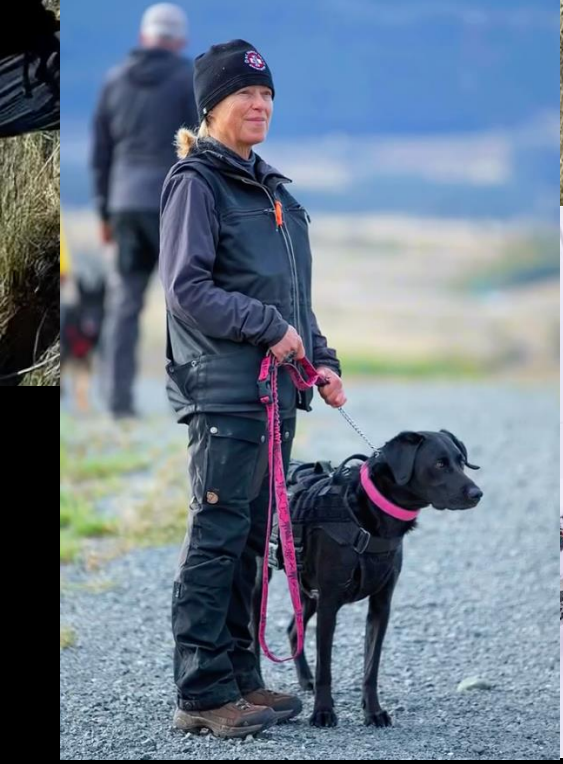


HELI / CDFL TEAM





SWIFTWATER AND LAKE RESCUE





# Community outreach





WE TRAIN ALL YEAR TO ENSURE WE'RE READY TO HELP



# HOW REVSAR GETS DEPLOYED

1 OF 9 TASKING AGENCIES IS NOTIFIED OF MISSING / INJURED PERSON



REVSAR IS NOTIFIED AND GETS A TASK NO. FROM  
EMERGENCY CO-ORDINATION CENTRE



REVSAR SENDS ONECALL MESSAGE TO ALL VOLUNTEERS



TEAMS MEET AT SAR BASE (RCMP BUILDING), BRIEF, GEAR-UP & DEPART



TEAM MEMBERS TRAVEL TO LOCATION (HELI, SLED, SKI, HIKE, BOAT ROAD)



SUBJECT(S) LOCATED AND TRANSPORTED BACK TO REVELSTOKE



TEAM MEMBERS RETURN TO SAR BASE TO PUT AWAY GEAR, DEBRIEF AND  
COMPLETE PAPERWORK

# REVSAR BUILDING PROJECT






# PLANNING FOR A NEW EQUIPMENT STORAGE AND TRAINING FACILITY STARTED IN 2018.

CSRD OFFERED REVSAR A LEASE ON LAND NORTH OF THE AIRPORT IN 2022.

A LEASE AGREEMENT WAS SIGNED SEPT. 6, 2023.



GEAR LOOKING FOR A HOME



Contract No. 2023-075-0010-10  
File No. 2380 20

**COLUMBIA SHUSWAP REGIONAL DISTRICT  
REVELSTOKE AIRPORT  
Lease Agreement**

THIS AGREEMENT dated for reference this 6<sup>th</sup> day of September, 2023.

**BETWEEN:** **COLUMBIA SHUSWAP REGIONAL DISTRICT**  
Box 978  
SALMON ARM BC V1E 4P1  
(hereinafter referred to as the "Regional District")

**AND:** **REVELSTOKE SEARCH AND RESCUE SOCIETY**  
PO Box 2478  
REVELSTOKE BC V0E 2S0  
(hereinafter referred to as the "Lessee")



**BUILDING COMMITTEE PLANNING MEETING**



**CSRD SITE VISIT 2022**

**COMPLETED BUILDING TASKS**

**RIPARIAN AREAS ASSESSMENT – ASSOCIATED ENVIRONMENTAL**

**CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN – ASSOCIATED ENVIRONMENTAL**

**DETAILED LAND SURVEY – ELITE SURVEY**

**EARLY ARCHITECTURAL PLANS – INNOVA PROJECTS**

**CURRENT ARCHITECT – COVER ARCHITECTURE**

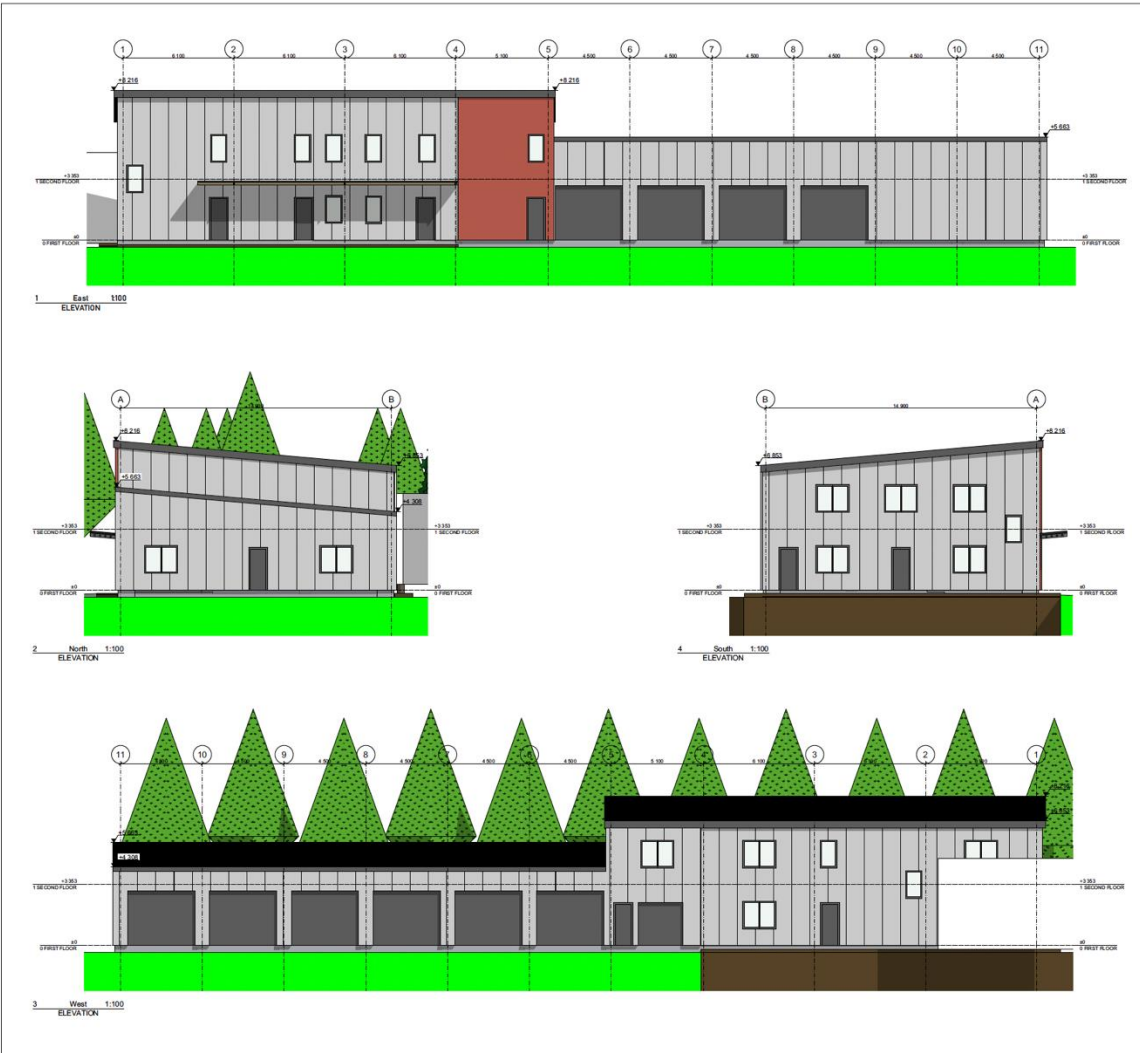
**CIVIL ENGINEERING – LAWSON ENGINEERING**

**GEOTECHNICAL ENGINEERING – TETRA TECH**

**DEVELOPMENT PERMIT – ACCEPTED BY COR MARCH 25, 2025**

**PROJECT MANAGER – MICHAEL LEWIS**

# REVSAR DRAFT BUILDING DRAWING

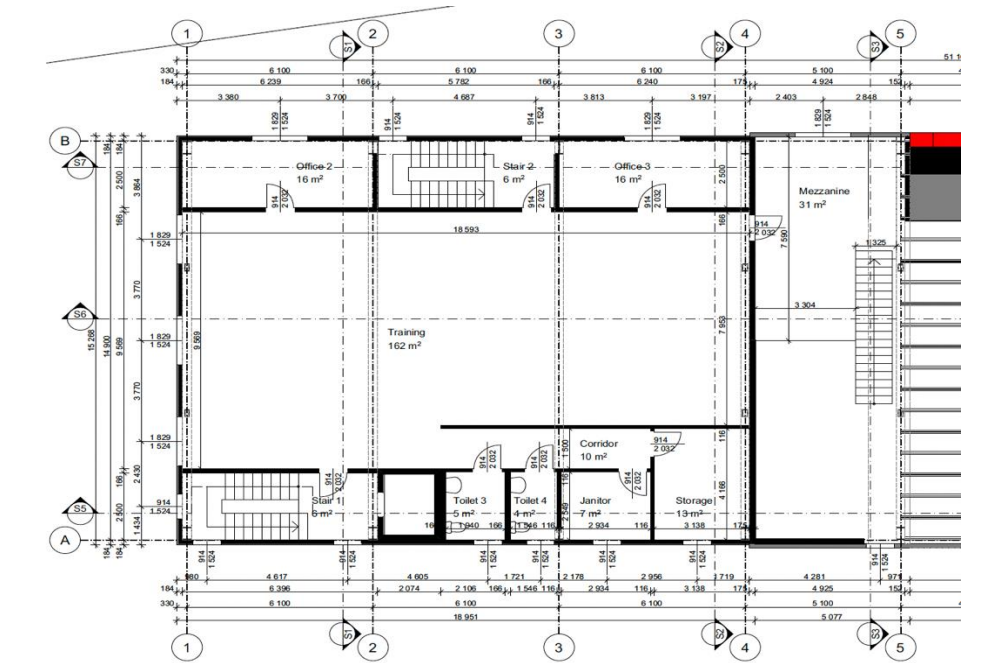
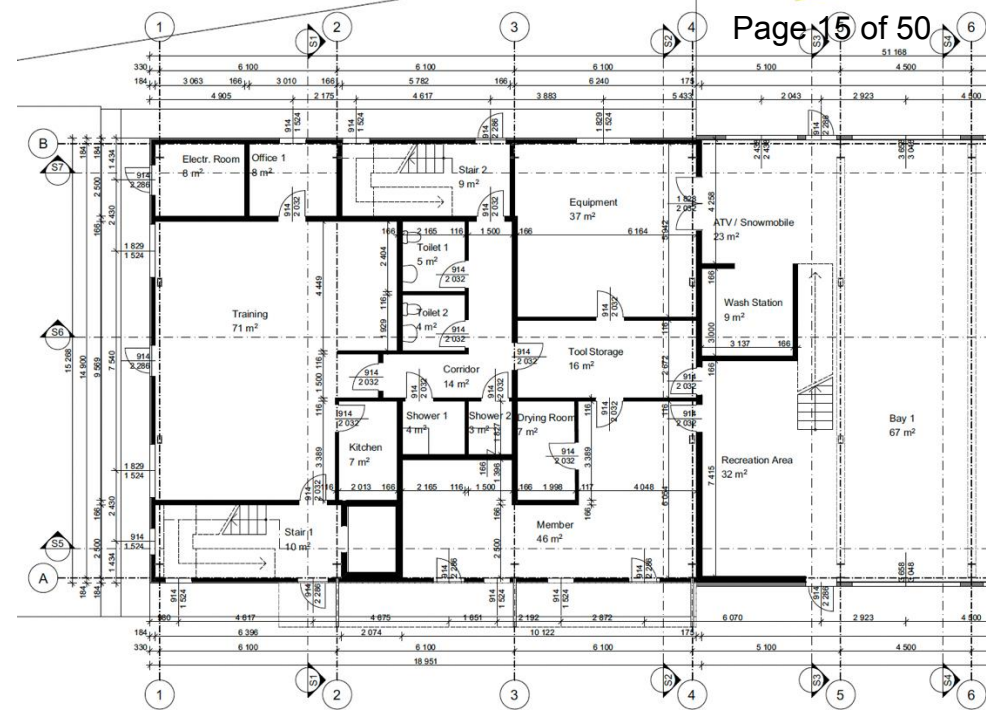


**Facade:**  
Vertical elements: Grey or Concrete colour  
Trim / Flashing: Dark Gray  
Doors Finishing Outside: Dark Gray  
Garage Doors Finishing Outside: Dark Grey  
Windows Finishing Outside: Dark Grey

Red Facade Element: panel elements in red similar to Hardie Traditional Red



DEVELOPMENT PERMIT		A	B	C
20-01-2024		D	E	F
<b>Revelstoke Search &amp; Rescue</b> 2701 Airport Way, Revelstoke BC				
OFFICIAL NOTES:				
CLIENT: <b>Revelstoke Search and Rescue Society</b> PO Box 3478 Revelstoke BC V0E2S0				
LOT OWNER: <b>COLUMBIA SHUSWAP REGIONAL DISTRICT</b> PO Box V78 Salmon Arm BC V1E 4P1				
INNOVA Projects Corp Revelstoke BC V1E2S0 office@innovaprojects.ca 1143 3rd Street				
ELEVATION	A06			





SITE LAYOUT

ESC PLAN

STORMWATER PLAN

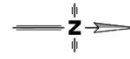
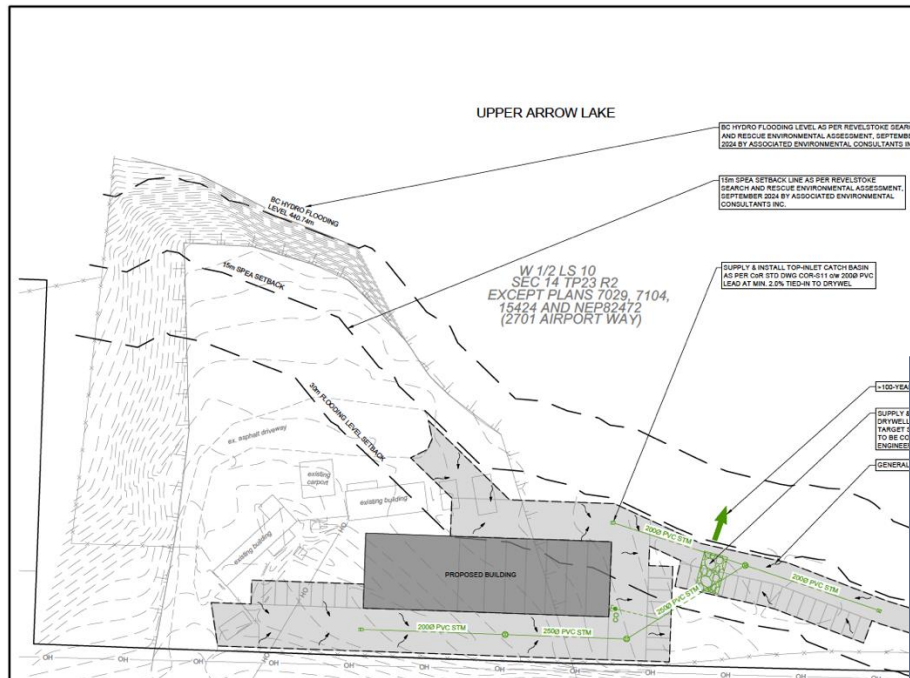


TABLE 1 - DW1 STORMWATER INFILTRATION & STORAGE CALCULATIONS

Project:	Airport Way SAR Facility	L&L Project #:	381-1
Date:	12-Mar-25	Prepared By:	AJB
Location:	Revelstoke, BC	Checked By:	ETD
<b>Pre-Development:</b>			
Time of Concentration: FAA Method (Tc = (0.28033471 * L <sup>0.5</sup> ) / (S <sup>0.3333</sup> ))			
Tc	= 26.56	C	= 0.2
Tc (Min.)	= 10.00	L	= 130
Tc	= 26.56	S	= 2
<b>Post-Development:</b>			
Time of Concentration: FAA Method (Tc = (0.28033471 * L <sup>0.5</sup> ) / (S <sup>0.3333</sup> ))			
Tc	= T1 + T2	C	= 0.65
Tc (Min.)	= 5.00	L	= 130
Tc	= 13.38	S	= 2
<b>Dry-Well #1 - 100 Year Storage Calculation</b>			
		Ranoff	

**LEGEND**

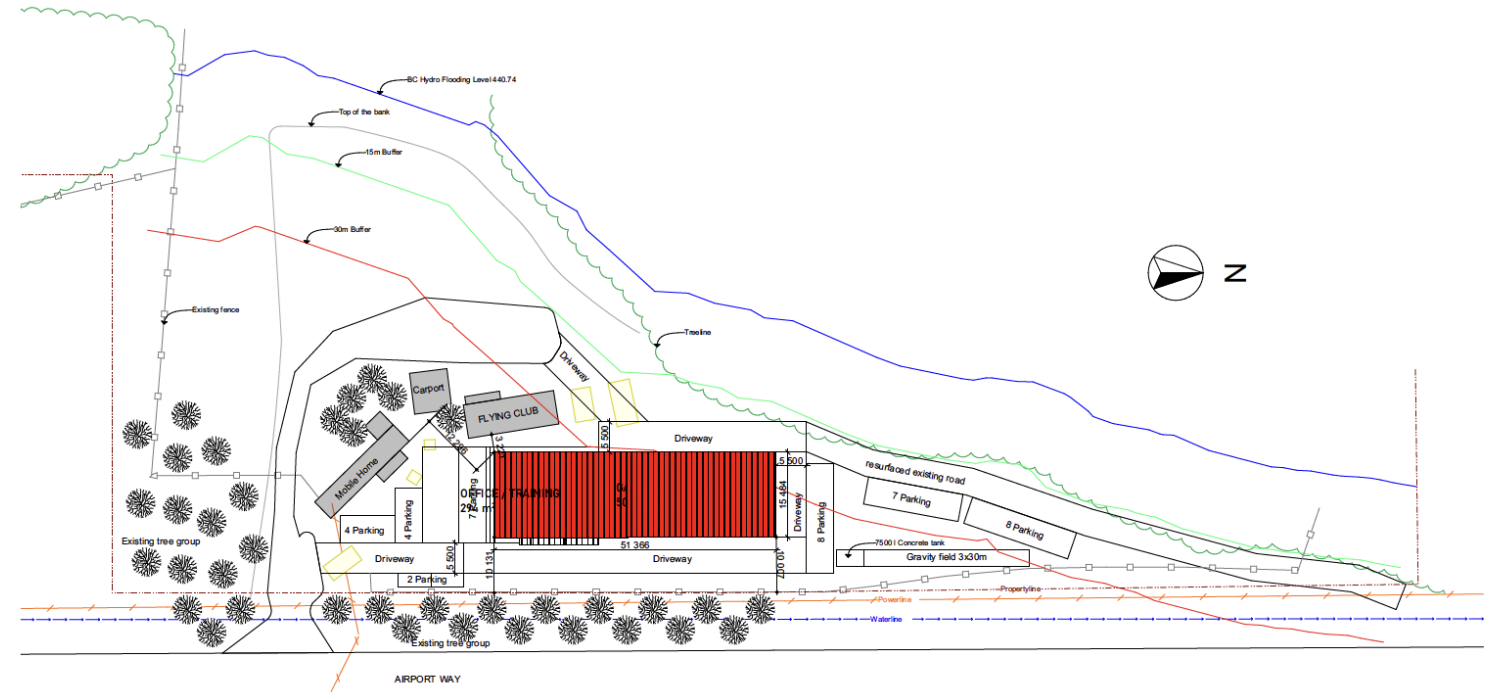
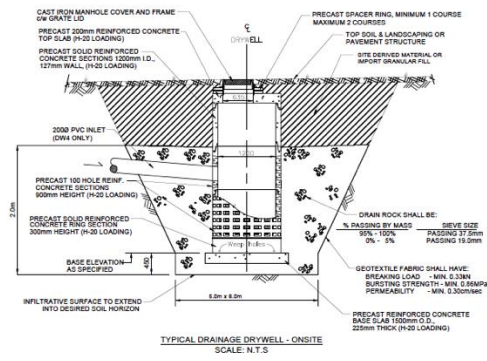
**EXISTING**

- HYDROTELEPHONE POLE
- HYDROTELEPHONE POLE ON DAVIT
- TELEPHONE POLE
- HYDRO POLE
- HYDRO POLE ON TRUSS
- POLE TOP STREET LIGHT
- SOFT
- SAUNTRY MANHOLE
- STORM MANHOLE
- GATE-MAIN
- FIRE HYDRANT
- GATE VALVE
- SAUNTRY BEMER
- STORM MAN
- WATER MAIN
- SEWER
- UNDERGROUND TELEPHONE
- FRANCE
- DEVELOPER/VEGETATION
- MEDE

**PROPOSED**

- SAUNTRY MANHOLE
- STORM MANHOLE
- GATE-MAIN
- GATE VALVE
- FIRE HYDRANT
- SAUNTRY BEMER
- STORM BEMER
- WATER MAIN
- SEWER
- SALETOULET HEADWALL

- DEMOLITION
- EXISTING BUILDING
- NEW BUILDING



1:500 Site Plan

# REVSAR BUILDING PROJECT



- NEXT STEPS
  - SURVEY STAKE SPEA AND INSTALL SILT FENCE
  - STAKE DRAFT BUILDING PLACEMENT
  - GEOTECH – TEST PITTING
  - RFP PACKAGE WITH ARCHITECT
  - ISSUE RFP AND EVALUATE
  - CLEAR TREES August 16 TO September 30 (least risk window for bird nesting and amphibian use).
  - FUNDRAISE 2 TO 2.5 MILLION (ALREADY HAVE RAISED 700K).
  - CONSTRUCTION



# Other recent SAR Building Projects



Vernon Search and Rescue  
3.5 Million  
Managed by City and NORD



Rosland SAR - 2020



North Shore 2<sup>nd</sup> Base  
– Private Donation



Nelson SAR – 2020  
20-year agreement with the  
Regional District of Central  
Kootenay

## Kamloops Search and Rescue might land long-awaited headquarters in Rayleigh

Michael Potestio - Nov 21, 2024 / 4:00 am

DESCRIPTION	UNIT	QUANTITY	AVERAGE UNIT PRICE	ESTIMATED AMOUNT
<b>TOTAL PROJECT SUMMARY</b>		Class D Estimate		AJG
Kamloops Search & Rescue		+/- 50%		Aug-01, 2024
		5.7 million Managed by City and Regional District		

Photo: TNRD

A preliminary design of what a potential Kamloops Search and Rescue headquarters would look like along Devick Road in Rayleigh. The project is now being visualized as a shared space with Kamloops Fire Rescue.



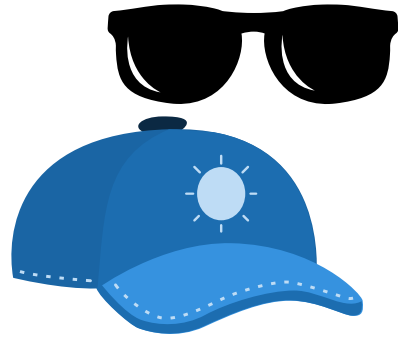
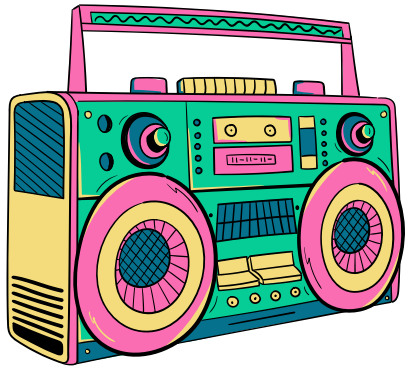
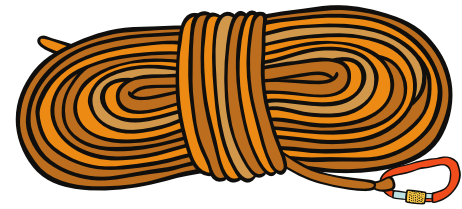
Chilliwack SAR - 3  
million  
Managed by City

new building for Chilliwack Search and Rescue to include a larger training facility with \$250M grant. (CSAR)

A person wearing a dark jacket with a "REVELSTOKE SEARCH & RESCUE" patch is working in a dark, rocky environment. A bright light source is visible, creating a large amount of dust or debris that is being illuminated. The scene appears to be a search or rescue operation in a cave or a similar underground setting.

REVELSTOKE  
SEARCH & RESCUE

Questions?



# HUG A TREE AND SURVIVE

POUR SURVIVRE RESTE PRÈS D'UN ARBRE



IF YOU GET LOST OR  
INJURED, GET VISIBLE,  
HEARD AND STAY PUT!

DO NOT WALK DOWN.



# RCMSAR Station 106

CSRD Committee of the Whole Meeting (April 3, 2025)



## Saving Lives on the Water

**RCM-SAR is a key part of the marine rescue system on the West Coast and in the Interior.**

**We are an all-volunteer charity that saves lives on the water.**

**Our crews are ready to be called out at any time, day or night, in any kind of weather.**

**The dedicated volunteers at our more than 30 rescue stations respond to a total average of 800 marine emergencies every year.**

**We train hard! Our crews all have first aid and marine certifications, and we provide great rescue service to the public.**





## Our Vessels - Tolonen

**40 foot 2007 Titan Rigid Hull Inflatable (RHI) - Fast Response Craft (FRC)**  
**Twin Yanmar Diesels - 880 HP total powering twin Hamilton Jet Drives**  
**Crew four plus two paramedics**  
**Capacity for two critically injured plus 30 walk on casualties ( at reduced speed)**  
**Cruising speed 30 knots, max speed 37 knots**  
**All weather capable - 24/7 365 days/year**





## Our Vessels - Rescue 1

**29 foot 1976 Lifetimer converted crew boat - Fast Response Craft (FRC)**

**310 HP Volvo Penta Diesel**

**Crew four plus two paramedics**

**Capacity for one critically injured plus 13 walk on casualties ( at reduced speed)**

**Cruising speed 22 knots, max speed 25 knots**

**All weather capable - 24/7 265 days year**





## 2024 - Year in Review

- 28 dedicated volunteers
- 22 SAR Missions
- 7491 total person volunteer hours recorded!
- Total training hours by Volunteers - 610
- 12 people assisted, 6 people saved.
- Total stand down hours - Zero (0). Means station mission ready and capable 365 - 24/7



# Questions?





# Who we are and what we do

- ▣ 37 unpaid professionals, dedicated to assisting our requesting agencies to provide help to persons in need.
- ▣ Shuswap SAR is recognized by EMCR to respond to many different types of scenarios.
- ▣ We regularly train in all of our disciplines to ensure that we are ready and competent to deploy at your request.



# Rope Rescue









# Tracking and Ground Search



# Command and Control

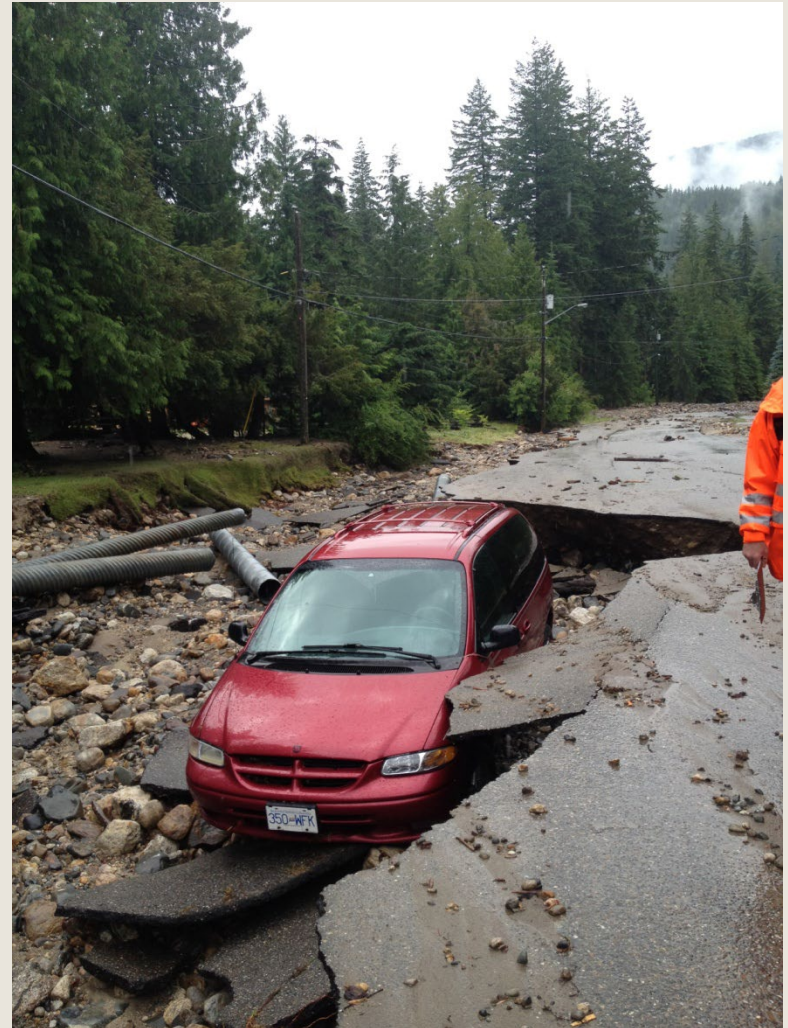
- Accurate and detailed documentation of the search effort. All shareable, in digital format, both ICS forms as well as all mapping data. You should expect this from us, it is your file.
- Up to date search theory and search tools
- Support from Level-2 Managers and other SAR teams from the Central Region and across the Province.



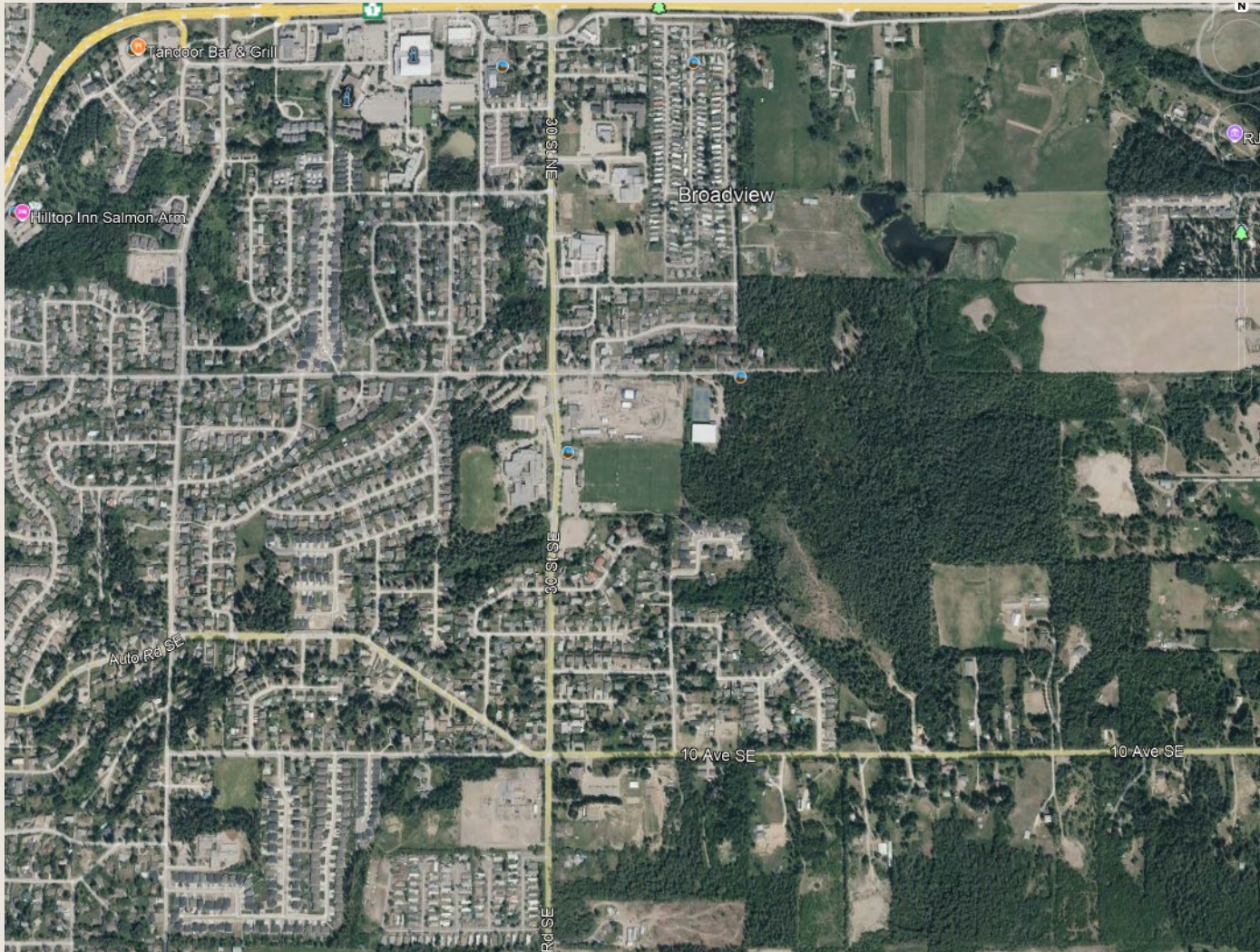


Flat Water Search and Rescue

# Evacuation orders for Civic Emergencies



# Urban Search



- Elders living with Alzheimer's
- Missing Children
- Persons with Cognitive dysfunction
- Despondent persons

# Evidence Search

- Human remains, Crime scene investigation
- Invoiced to the detachment, not EMCR
- We can bring in other resources such as HRD Dogs



## What do the Volunteers put in?

(in the previous 12 months)

- Over 4,000 hours at 92 separate training events
- Almost 2,600 hours on 62 separate Operational Tasks
- Over 1,500 hours for meetings, public events and Administrative duties.

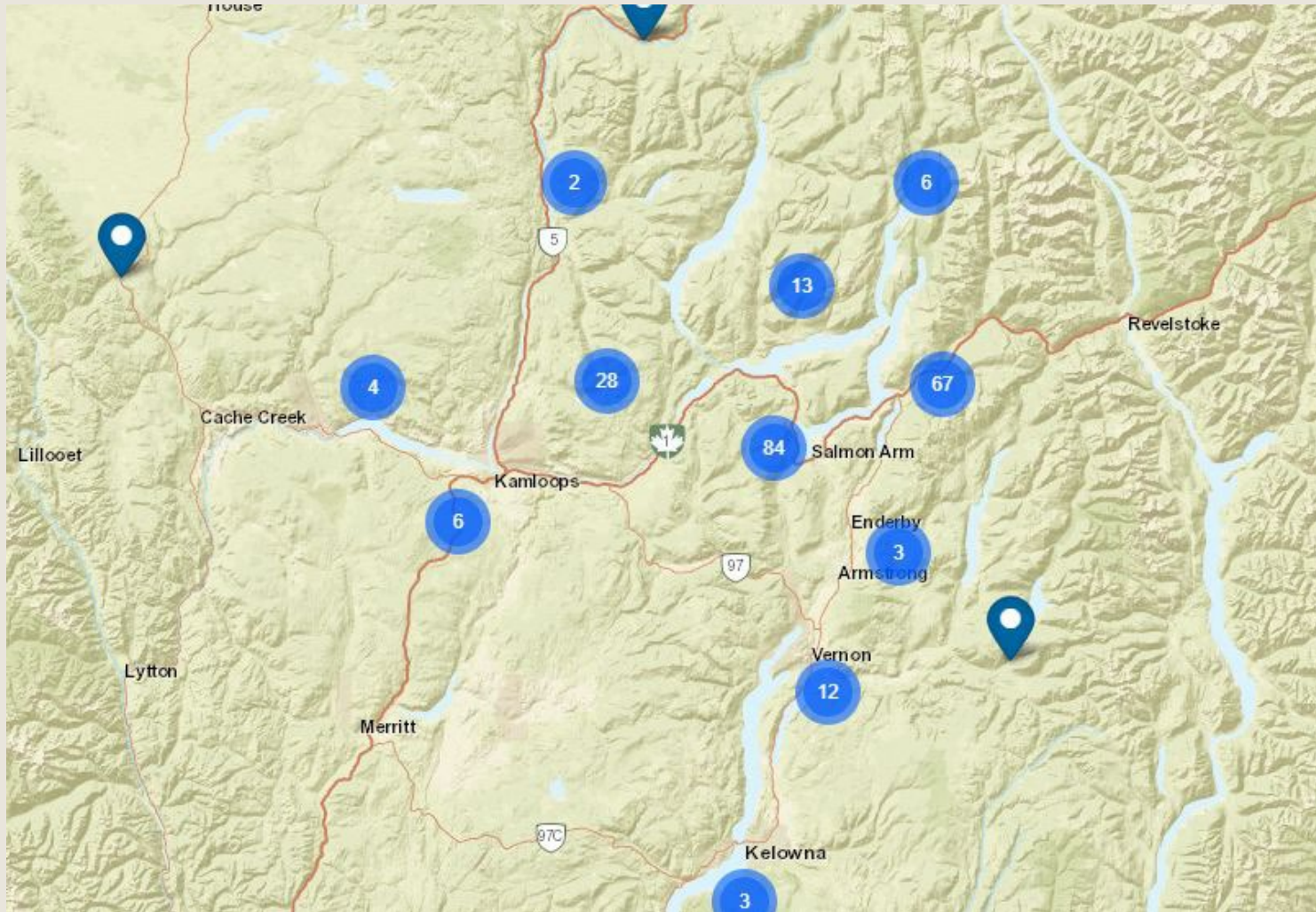
## What Qualifications do we have?

- 5 → SAR Managers (including one Provincial SARM instructor).
- 16 → Ground Search Team Leaders
- 12 → Avalanche response team members and leaders
- 8 → Rescue boat operators
- 14 → Swift-water Rescue Technicians
- 12 → Rope Rescue Technicians and Team Leaders
- 21 → Advanced Wilderness First aid and Wilderness First Responders
- 5 → Trackers

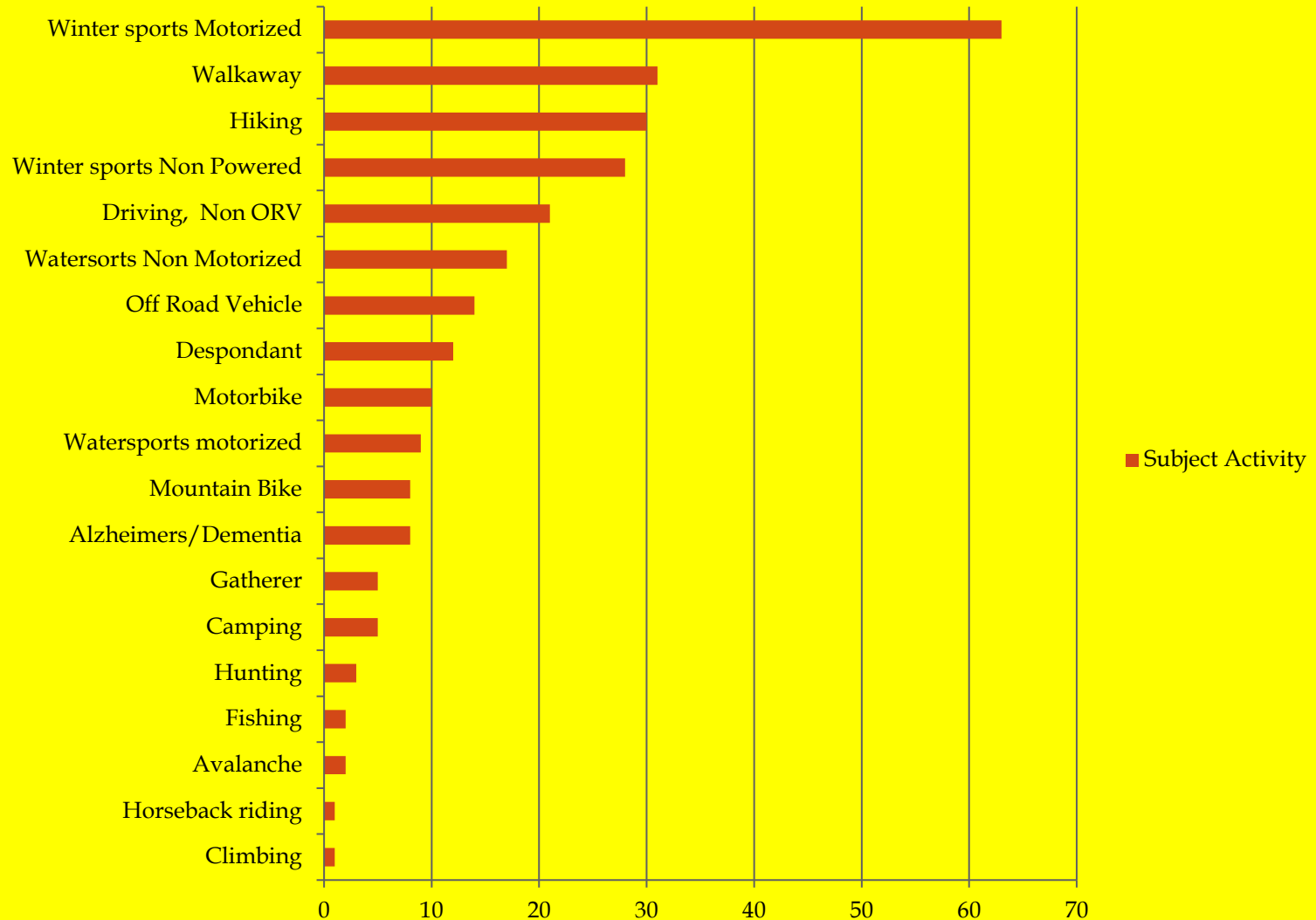


# Operational Tasks

Five Years. Does not include on task in hope and six OP deployments in Ft. Nelson



## Subject Activity



# What resources do we require?

- ▣ Trained GSAR Volunteers
- ▣ Snowmobiles
- ▣ Side By Sides
- ▣ Rescue Boat
- ▣ Response/Equipment vehicle
- ▣ Mobile Command Center
- ▣ Team Transport and Tow vehicle
- ▣ Quads and e-Bikes
- ▣ SAR Hall
- ▣ Many, Many other items Dry-suits, PFDs, IKs and other Swift-water rescue gear, Radios, GPS, Rope Rescue equipment, Admin and office equipment etc. Etc.

# How are we funded?

## Task Reimbursements

When we respond on Tasks, we are reimbursed a portion of our costs. This funding only covers 20% of our annual total expenses.

## Annual Funding

As you can see from above, task reimbursements fall way short of covering our full expenses. We rely very heavily on other annual funding in order to maintain operations.

Without this guaranteed annual support, we would not be able to provide Search and Rescue Services to our community.

- CSRD Grant                   Thank you very much!
  - We currently receive \$80,000 each year from the CSRD. In the past, this amount covered the cost of maintaining our SAR Hall and also gave us ~\$20,000 to help cover some other training and operational expenses. But that was years ago. Currently, the cost of maintaining our SAR Hall is just over \$100,000 annually and as you all know, all other costs go up each year.
- BC Government Grant
  - Over the past few years, the Province has contributed funding to all 78 GSAR teams in the province this amount helps fill the shortfall in our budget

# Other sources of funding

All of the funding above just about covers our annual expenses other than purchase and replacement of equipment, and that can be a very significant item. As our Vehicles age, they need to be replaced, We try to look after all of our vehicles, but they do not last forever. Also, much of our safety equipment has expiry dates and in order to comply with Safety Guidelines, we need to replace this equipment as it ages out.

In order to allow us to maintain safe and serviceable vehicles and equipment, we rely very heavily on other sources of funding

## Other Funding

- Private donations
- B.C. Gaming Grants
- Rotary and other community groups
- Banff Film Festival
- Honorariums for providing first-aid service at public events such as local Mountain bike races.

Note; none of this funding is guaranteed and securing this funding takes up significant volunteer time that may be better utilized with training, maintaining equipment and other preparedness duties.

# Summary

Our 37 non-paid professionals put a tremendous amount of time and effort into providing Search and Rescue Services for our community. We greatly appreciate the support that we receive from the CSRD and we hope that we can continue this strong relationship into the future.

**Thank you for your time**

# Questions?





## Why CSRD Hasn't Grown as a Film Destination – Yet

- Film promotion has been part-time, with no industry background.
- No dedicated strategy, marketing, or permitting support.
- Budget too small to compete with other regions.
- Missed opportunities while other BC regions have grown.





## A Ready-to-Go Solution with Proven Results

- • OFC has strong industry reputation, tools, and marketing reach.
- • CSRD offers stunning untapped locations ideal for production.
- • Integration can drive 10–25% growth in the first year.
- • Other rural BC regions have seen success using this model.



## How This Works (And Why It's Low Risk)

- Managed directly by the Okanagan Film Commissioner—no new hires needed.
- CSRD locations added to OFC's marketing and location database.
- Permitting supported in collaboration with local offices.
- Phased rollout ensures smooth, manageable integration.



# Why It Makes Sense for CSRD

- Brings economic benefits: tourism, hotels, rentals, small businesses.
- No added workload for CSRD staff.
- Transparent tracking and regular reporting.
- A chance to be part of BC's growing regional film economy.