

Cowichan Bay Improvement District

Fire Report

Date: November 20, 2024
To: Cowichan Bay Improvement District Board of Trustees
From: Robert Grossman, Fire Chief
Subject: Cowichan Bay Fire Rescue Monthly Report

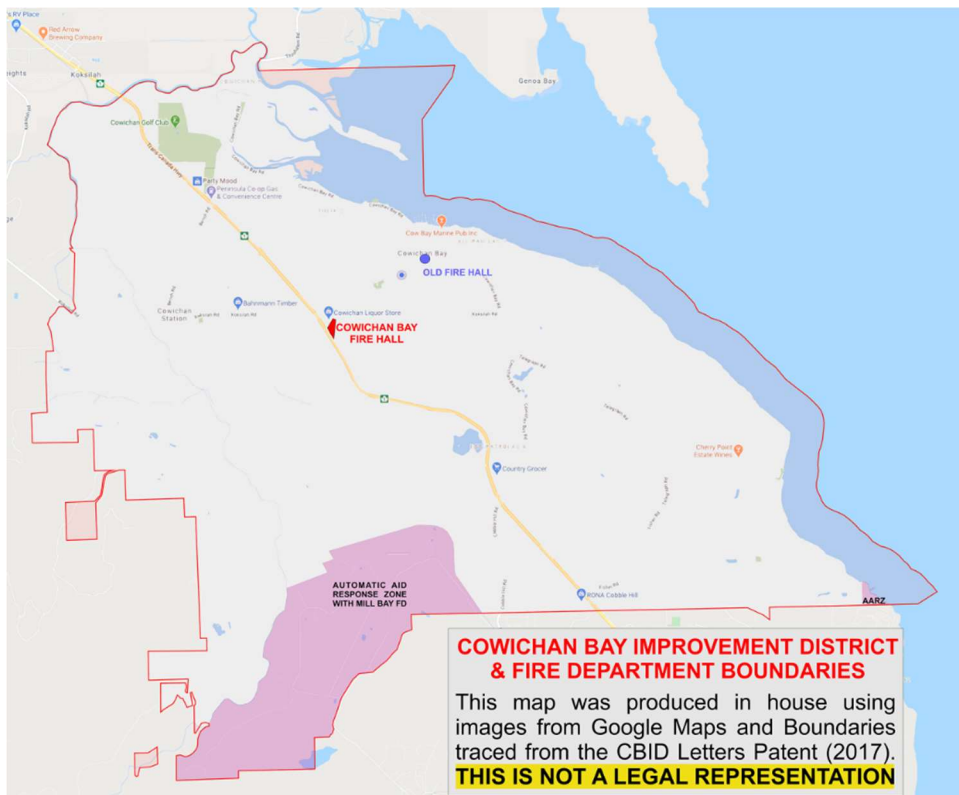
PURPOSE

To provide the Board of Trustees with a summary of the activities for October 2024 by Cowichan Bay Fire Rescue.

BACKGROUND

The Cowichan Bay Improvement District (CBID) and the Cowichan Bay Fire Rescue (CBVFR) are served by volunteers. CBID is focused on providing local fire protection services through the CBVFR, rather than general governance or land use planning. These services are financed by taxation.

Cowichan Bay Volunteer Fire Rescue covers an area of approximately 170 square kilometers.



Incidents:

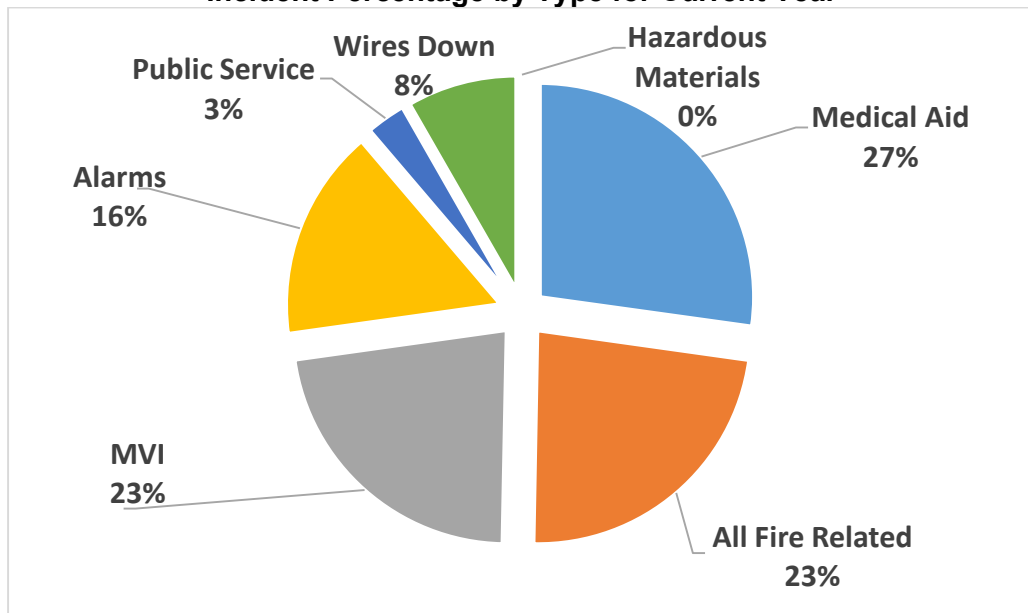
For the month of October Cowichan Bay Fire Rescue attended 19 incidents. This bring the total number of incidents for 2024 to the end of October to 169 incidents.

As set out in the Cowichan Bay Improvement District Bylaw 109-22 Fire Department Establishment Bylaw, Cowichan Bay Volunteer Fire Rescue responds to several different types of incidents.

The table below shows a breakdown for type of incidents by month. The totals are at the top of the table. This table also shows the percentage of each type of incident responded to.

Incident Type	Medical Aid	All Fire Related	MVI	Alarms	Public Service	Wires Down	Hazardous Materials
Total	46	40	38	27	5	14	0
Percentage	27%	24%	22%	16%	3%	8%	0%
January	1	3	6	4		3	
February	2	2	3	2		3	
March	10	2	5	3		1	
April	2	3	2	1	1		
May	5	5	5	4	1	2	
June	5	7	3	4	1		
July	4	4	3	4	2	1	
August	7	2	4	2		3	
September	4	5	2	1		1	
October	6	6	5	2			

Incident Percentage by Type for Current Year



Types of Responses:

The Table below summarizes the number of callouts by type of incident attended.
The table below is a detailed breakdown of the incidents attended

	Totals by Group	Percentage	Description	Totals
Medical Aid	46	27%	Medical Aid / Heli Pad Assist	46
MVI	38	22%	Motor Vehicle Incident	38
Alarms	27	16%	Alarms Smoke/ CO	27
Wires Down	14	8%	Hydro Lines / Wires Down	14
All Fires related calls	40	24 %	Burn complaint	13
			Chimney Fire	3
			Grass Fire	6
			Investigation no Fire	8
			Mutual Aid	2
			Smoke Sighting	4
			Vehicle Fire	3
Public Service	5	3%	Fire Unclassified	1
			Public Service	2
			Flood Assist	
			RCMP assist	3
Hazmat	0	0%	Rescue & Safety	
			Hazardous material	
			Gas Spill	
			Totals	159

From the table below, the average number of responders is 8 per incident.
The average incident is .68 hours.

At the end of October we had 27 members that were able to respond to incidents.
On average we have 30% of the members responding to incidents.

Just under a third of our membership responds to incidents. This is below the national average of 50%.

Average Number of Responders		8.02
Total Incidents		170
Total Time		126.95
Average Call Time		.75
Total # Responders		27
Percentage of members Responding		30%

The table below show a comparative of the different years and months.

Incidents by month since 2018							
	2018	2019	2020	2021	2022	2023	2024
January	1	5	8	13	15	15	17
February	15	21	16	16	12	33	12
March	8	10	19	15	9	17	21
April	9	10	11	12	17	17	9
May	13	13	8	12	39	20	22
June	15	12	8	12	17	20	20
July	14	9	6	18	16	18	18
August	26	21	15	37	25	54	18
September	10	18	20	17	21	15	13
October	21	13	21	19	22	29	19
November	18	13	26	20	29	13	
December	43	20	37	47	10	9	
Totals	193	165	195	238	232	260	169

The table below shows the times of the incidents. As can be seen 39% of the incidents are Monday to Friday 7:00 am to 5:00 pm, during the time members are working their full time position. 60% of the incidents are evenings and weekends.

Total Incidents	# Incidents	Times	Percentage
169	18	0:00:00 - 07:00:00	11%
	96	07:00:00 - 17:00:00	57%
	55	17:00:00 - 24:00:00	33%
Day	# Incidents	Times	Percentage
Monday to Friday	11	0:00:00 - 07:00:00	7%
Monday to Friday	68	07:00:00 - 17:00:00	40%
Monday to Friday	41	17:00:00 - 24:00:00	24%
Saturday and Sunday	47	All times	28%
Early mornings Evenings and Weekends	99		59%
Stat Holiday	3	All times	2%
Work Day Incidents	67	08:00:00 - 16:00:00	40%
After Work Incidents less Holidays	99	All Times	59%

Chart Below shows what days incidents occur and how many per day

Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Totals
1	1				1	1							3
2	1			2		1	1		1	1			6
3	1									1			1
4					1	2	2	1					6
5			2		1			1	2	2			6
6			1		1				1	2			3
7		1	1		1	2	2		2	1			9
8	1					1			1				3
9			1		2	1	2		1				7
10					2	3							5
11	1	2	1	1									5
12				1	2				1	1			4
13	3			1					2	1			6
14		2	1		1	1		3					8
15	1		3		1		2						7
16		2								1			2
17				1	1			1					3
18	2					1	1	1	1				6
19	1	1						2					4
20	1		1			1	2						5
21			1		1			1					3
22				1	1		2	1		1			5
23		1	4		2	1		1		2			9
24								1					1
25	2	1	1		1	2	1						8
26					1	1	1			1			3
27			1		2			1	1				5
28		1	1			1				1			3
29		1		1		1		2		1			5
30			1	1				1		1			3
31	2		1				2	1		1			6

Totals	17	12	21	9	22	20	18	18	13	19			169
Days in Month	31	29	31	30	31	30	31	31	30	31	30	31	

Colour Coding	1	2	3	4	5 - 10	11 +
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Membership:

At the end of August membership remained at 27.

The breakdown is as follows:

- 2 Full-time Career Certified members
- 11 Active Paid on Call Certified members
- 14 Active Paid on Call members working towards certification

Training:

Training continues on a weekly basis with all members.

Fire Prevention and Public Education

The department is continuing to promote fire safety at all times.

The department was out during Halloween being present in a few of the neighborhoods.

There was lots of interaction with the public, the kids enjoyed the fire truck.

Health and Safety

Nothing to report.

Fire Department Administration Activities

The administrative side of the fire department continues to stay busy with the general public coming in with questions regarding fire safety as well as general safety inquiries.

This is the report for the activities of Cowichan Bay Fire Rescue in October, I ask that the board accept this report as presented.

Prepared by: Robert Grossman, Fire Chief