

Pemberton Fire Rescue Annual Report 2019





**Message from
Fire Chief Robert Grossman**

I am pleased to submit the Annual Report for the Pemberton Fire Rescue Fire Department for 2019.

The report offers an insight into the efforts and achievements that the Fire Department has accomplished over the past year and allows its readers to gain an insight into the services we offer to our citizens.

This report will outline call volumes, fire prevention efforts, public fire education initiatives, professional development achievements, and other significant accomplishments made by our personnel and the department over the past year.

I am proud to be associated with the men and women who comprise our fire department. They are a dedicated, efficient, and highly skilled group of individuals who selflessly strive to offer a service that our community can be proud of.

I would like to thank Council for their continued support of our efforts and achievements. It is recognized that Council determines the level of service that we provide, and further that Council recognizes the important role that our firefighters play in making our community safe.

We look forward to your continued support.

Robert Grossman
Fire Chief

MISSION STATEMENT

The preservation of life and property within the Pemberton area
To promote fire safety and deliver educational programs
To cooperate with other organizations within the community in the event of an emergency

Primary Goal of the Pemberton Fire Rescue Department

The goal of the fire department is to provide fire protection, and road rescue services through a range of programs designed to protect the lives and property of the inhabitants from the effects of fires, sudden medical emergencies or exposure to dangerous conditions created by man or nature; first to their municipality; second, to those municipalities which are provided fire protection by the fire department via authorized agreements; and third, to those municipalities requiring assistance through authorized emergency fire service plan and program (mutual aid) activities

Risk Management

We may risk our lives, in a calculated manner, to save savable human lives. We will not risk our lives at all for a building or lives that are already lost. We may only risk our lives a little in a calculated manner, to save savable property. We will not trade a life for a life.

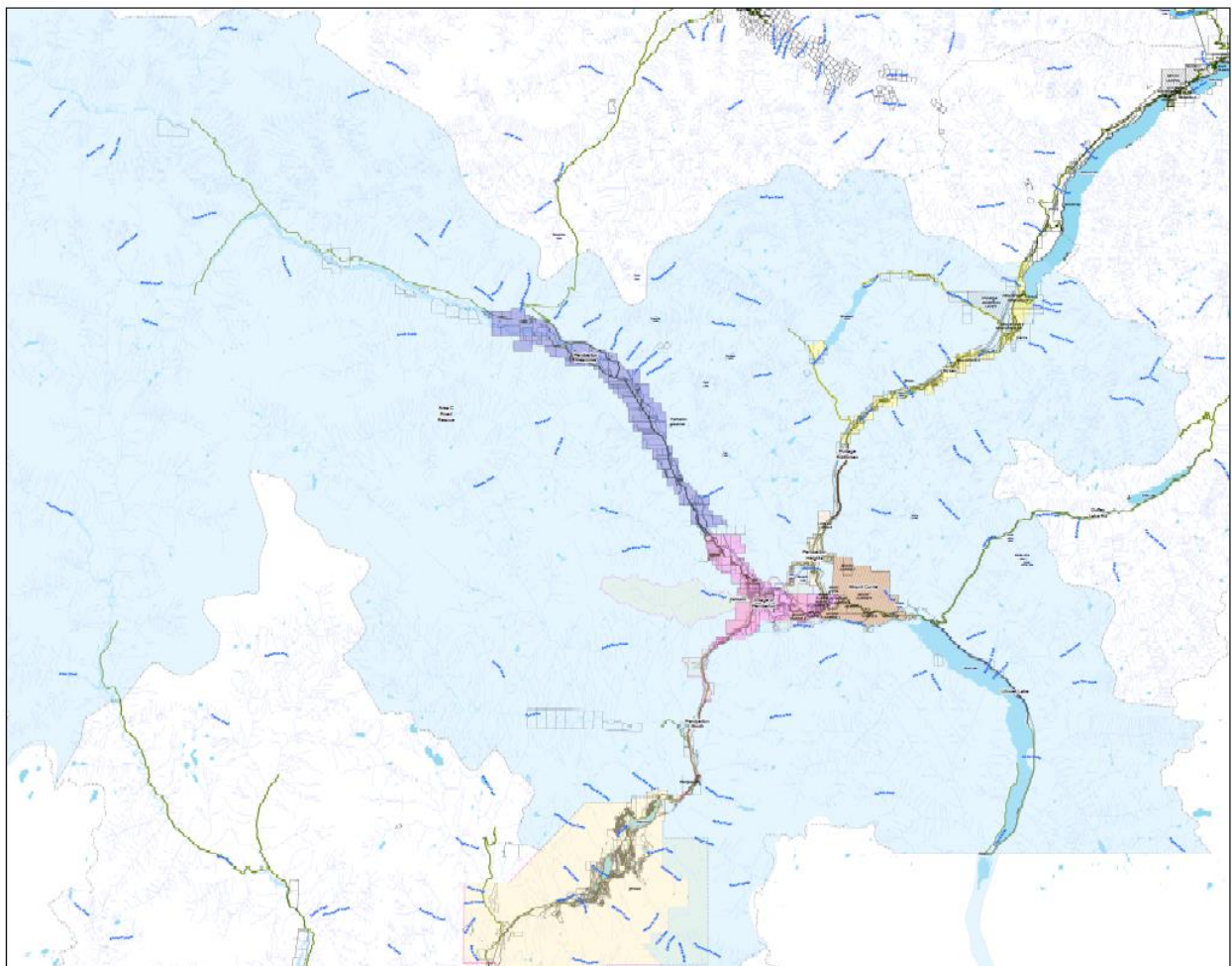
Area Covered by Pemberton Fire Rescue

The Village of Pemberton Fire Rescue is a volunteer department that provides service to the residents of the Village of Pemberton (Village of Pemberton Bylaw No. 807, 2016). In addition, the existing Fire Service Agreement with the Squamish-Lillooet Regional District (SLRD) establishes that fire protection services are provided to Pemberton Meadows (SLRD Bylaw No.1082, 2008), Pemberton Heights (SLRD Bylaw No. 1083, 2008) and the Pemberton Fire Protection Specified Area as defined within the Agreement.

The Fire Department also provides Road Rescue Service, which encompasses all of Squamish Lillooet Regional District Area C, which involves responding to motor vehicle accidents which can involve extricating patients from the vehicle as well as assisting patients to the Ambulance, as required.

Pemberton Fire Rescue also provided services to the residents of the Lil'wat Nation through a service agreement

A map provided below shows the area covered by Pemberton Fire Rescue road rescue services and Fire Service agreements

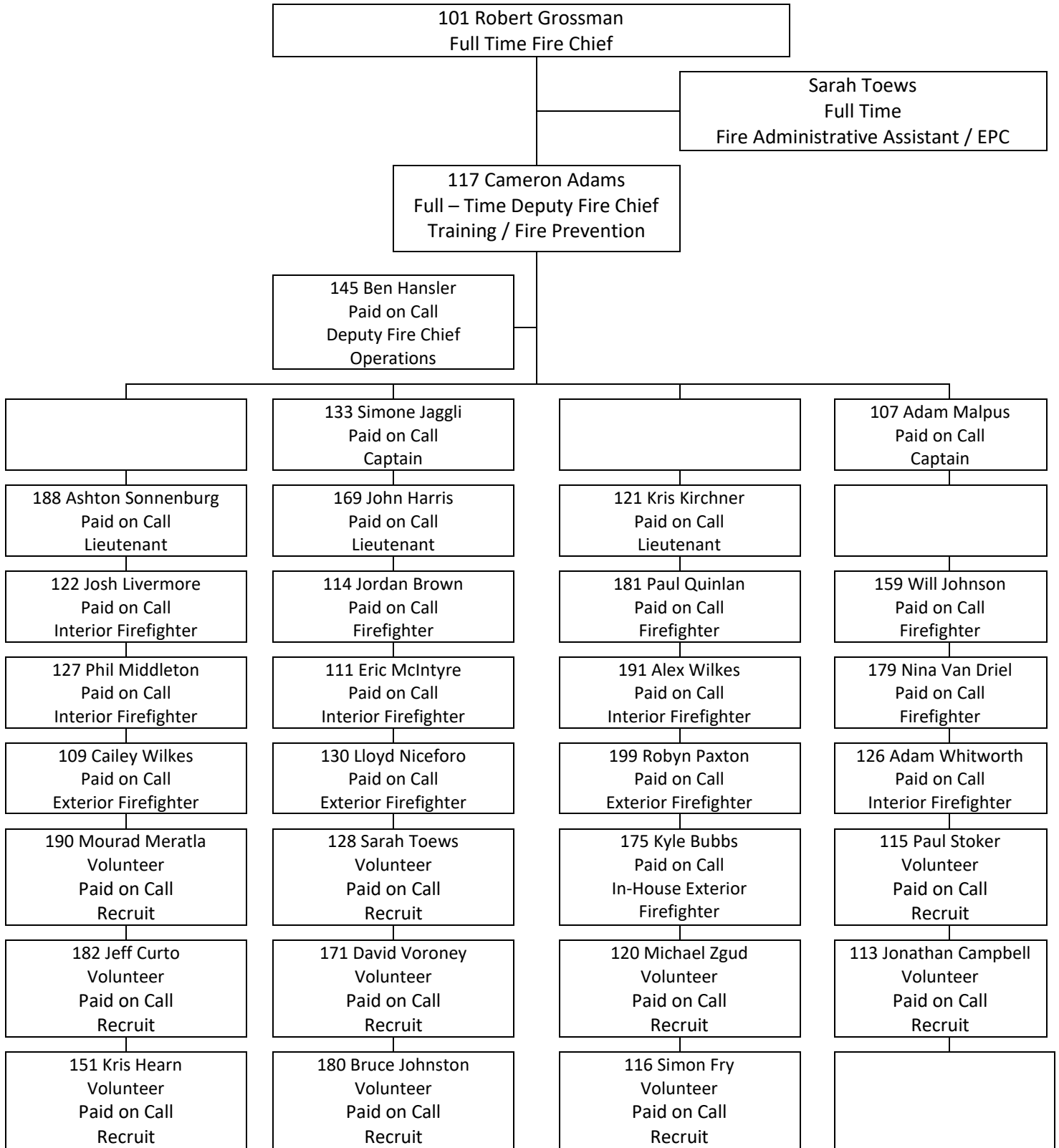


Primary Objectives of the Fire Department:

In order to achieve the goal of the fire department, necessary funding must be in place and the following objectives met:

1. Identify and review the fire services requirements of the municipality.
2. Provide an administrative process consistent with the needs of the department.
3. Ensure that firefighting equipment is maintained and available within the municipality to provide adequate response to a citizen's call within a reasonable length of time.
4. Provide departmental training to an accepted standard which will ensure the continuous up-grading of all personnel in the latest techniques of fire prevention, firefighting and control of emergency situations and to co-operate with other municipal departments with respect to management training and other programs.
5. Provide a maintenance program to ensure all apparatus is ready to respond to emergency calls.
6. Provide an effective fire prevention program.
7. Develop and maintain an effective public information system and educational program, with particular emphasis on school fire safety programs; and commercial, industrial, and institutional staff training.
8. Ensure in the event of a major catastrophe in the municipality, assistance to cope with the situation is available from outside departments and other agencies.
9. Develop and maintain a good working relationship with all federal, provincial, and municipal departments, utilities and agencies, related to the protection of life and property.
10. Interact with other municipal departments respecting the aspects of fire on any given program.
11. Ensure these objectives are not in conflict with any other municipal department.

**Organizational Structure
Pemberton Fire Rescue Department 2019**



2019 Pemberton Fire Rescue Members

Fire Chief	Robert Grossman	23	Years of Fire Service
Full – Time Deputy Chief Training/Fire Prevention	Cameron Adams	9	Years of Fire Service
Part Time Administrative Assistant (Recruit)	Sarah Toews	1.5	Years of Fire Service
Paid on Call Deputy Chief - Operations	Ben Hansler	16	Years of Fire Service
Paid on Call Captain	Adam Malpus	7	Years of Fire Service
Paid on Call Captain	Simone Jaggli	9	Years of Fire Service
Paid on Call Lieutenant	John Harris	7	Years of Fire Service
Paid on Call Lieutenant	Kris Kirchner	5	Years of Fire Service
Paid on Call Lieutenant	Ashton Sonnenburg	7	Years of Fire Service
Paid on Call Firefighter	Jordon Brown	6	Years of Fire Service
Paid on Call Firefighter	Nina Van Driel	5	Years of Fire Service
Paid on Call Firefighter	Craig Blaney	3	Years of Fire Service
Paid on Call Firefighter	Will Johnson	2	Years of Fire Service
Paid on Call Firefighter	Paul Quinlan	9	Years of Fire Service
Paid on Call Interior Firefighter	Lisa Graham Knight	2	Years of Fire Service
Paid on Call Interior Firefighter	Josh Livermore	2	Years of Fire Service
Paid on Call Exterior Firefighter	Eric McIntyre	1	Years of Fire Service
Paid on Call Exterior Firefighter	Phillip Middleton	1	Years of Fire Service
Paid on Call Exterior Firefighter	Adam Whitworth	1	Years of Fire Service
Paid on Call Exterior Firefighter	Alex Wilkes	1	Years of Fire Service
Paid on Call Exterior Firefighter	Sarah Miller	2	Years of Fire Service
Paid on Call In-House Exterior Firefighter	Kyle Bubbs	18	Years of Fire Service
Paid on Call In-House Exterior Firefighter	Lloyd Niceforo	1	Years of Fire Service
Paid on Call In-House Exterior Firefighter	Robyn Paxton	1	Years of Fire Service
Paid on Call In-House Exterior Firefighter	Cailey Wilkes	1	Years of Fire Service
Paid on Call Recruit	Jonathan Campbell	0.25	Years of Fire Service
Paid on Call Recruit	Jett Curto	0.25	Years of Fire Service
Paid on Call Recruit	Simon Fry	0.25	Years of Fire Service
Paid on Call Recruit	Kris Hearn	0.25	Years of Fire Service
Paid on Call Recruit	Bruce Johnson	0.25	Years of Fire Service
Paid on Call Recruit	Mourad Meratla	0.25	Years of Fire Service
Paid on Call Recruit	Paul Stoker	0.25	Years of Fire Service
Paid on Call Recruit	David Voroney	0.25	Years of Fire Service
Paid on Call Recruit	Michael Zgud	0.25	Years of Fire Service

Pemberton Fire Rescue has a total of 143 combined years of Fire Service.

Promotions

Cameron Adams was Promoted from Paid on Call Deputy Chief Training / Fire Prevention to a full-time member of the Fire Department.

Retirements

The following retirements took place during 2019:

Jason Pospisil - 17 years of Fire Service
Dominic Morin – 4 years of Fire Service
Talia Stovall – 1 year of Fire Service

New Recruits

In September of 2019, Pemberton Fire Rescue started its recruit process and in October accepted 11 new recruits. One of these recruits has their firefighter certification and has been involved in the fire service elsewhere for 8 years.

Awards and Recognitions

Firefighter of the Year was given to Joshua Livermore.
Rookie of the Year was given to Cailey Wilkes.
Most Improved Firefighter of the year was given to Jordan Brown.
Outstanding Firefighter of the year was given to Simone Jaggli for most attendance to incidents and training.

Paid on Call Firefighter Kristopher Kirchner received his 5-year Service Award for Pemberton Fire Rescue. Fire Chief Robert Grossman also received his 5-year Service Award for Pemberton Fire Rescue.

Each year the Governor General of Canada presents the Fire Services Exemplary Service Medal which honours members of a recognized Canadian fire service who have completed twenty (20) years of service, ten years of which have been served in the performance of duties involving potential risks and were employed on or after the date of creation of Award in 1985.

This year Pemberton Fire Service was pleased to present, on behalf of the Governor General, the Fire Services Exemplary Service Medal to Fire Chief Robert Grossman.

Total Hours each member contributed to Pemberton Fire Rescue for 2019

Members commit a huge amount of time to maintain the training requirements put forward by the province as well for incidents and public education events.

In 2019 Pemberton Fire Rescue members contributed
452.25 hours for incidents,
195.50 hours for training,
104 hours for Public Education and other events the fire department was requested to be at.

Fire Officers put in an additional 773 hours of standby time.

All this additional time on top of a fulltime job with family and other commitments shows the dedication that each member of Pemberton Fire Rescue puts towards their community.

Residents should be proud of the commitment members provide.

Fire Department Apparatus

Duty Truck



Engine 1 2017 Spartan Metro Star X Front-Line Engine



Specifications;

Chassis;

Spartan Metro Star X, MFD 10 inch raised roof

47,000 LB GVWR; 20,000 LB Front / 27,000 LB Rear

Diesel Engine, Cummins ISL9 450 HP EPA 2013 Automatic Transmission, Allison 3000 EVS

Pump

Hale Mid-ship DSD 15001500 USGPM (5678 LPM) (1250 IGPM) at 150 PSI

Foam System Foam Pro 2001 Class A

Tank

975 IG (1110 USG) Poly Tank 25 IG (30 USG) Single Integral Foam Tank

Ladder 1 1999 Spartan Gladiator 75' Ladder Truck Frontline Ladder



Specifications

Chassis

Spartan Gladiator
Anderson Built Smeal Ladder Truck
52,000 LB GVWR
Diesel Engine, Detroit Series 60 475 HP Automatic Transmission, Allison

Pump

Hale Mid-ship QSMG175-23S Pump 1500 IGPM at 150 PSI
Hale Foam Series Pump Class A and Class B

Tank

175 IG Poly Tank 25 IG (30 USG) Single Integral Foam Tank

Engine 10 1996 Hub Freightliner

2nd line Pumper



Specifications

Chassis

Freightliner FL 80

34,700 LB GVWR; 12,000 LB Front / 22,700 LB Rear

Diesel Engine, Cummins 275 HP Automatic Transmission, Allison

Pump

Hale Mid-ship Pump 1050 IGPM at 150 PSI

Pro / portioner Foam Injection System Class A

Tank

975 IG (1110 USG) Steel Tank 25 IG (30 USG) Single Integral Foam Tank

Engine 11 2006 Ford F550 4 X 4 Crew Cab, Wildland Fire unit (C.A.F.S)



Specifications

Chassis

Ford F550 4 X 4 Crew Cab 4 passenger

Pump

Waterous 250 IGPM at 150 PSI

Waterous Foam Injection System Class A with Air

Tank

250 IG Poly Tank

Foam is supplied by pails with suction hoses

Rescue 1 2011 Ford F550 4 X 4 Crew Cab Rescue Truck



Specifications

Chassis

Ford F550 4 X 4 Crew Cab 4 passenger

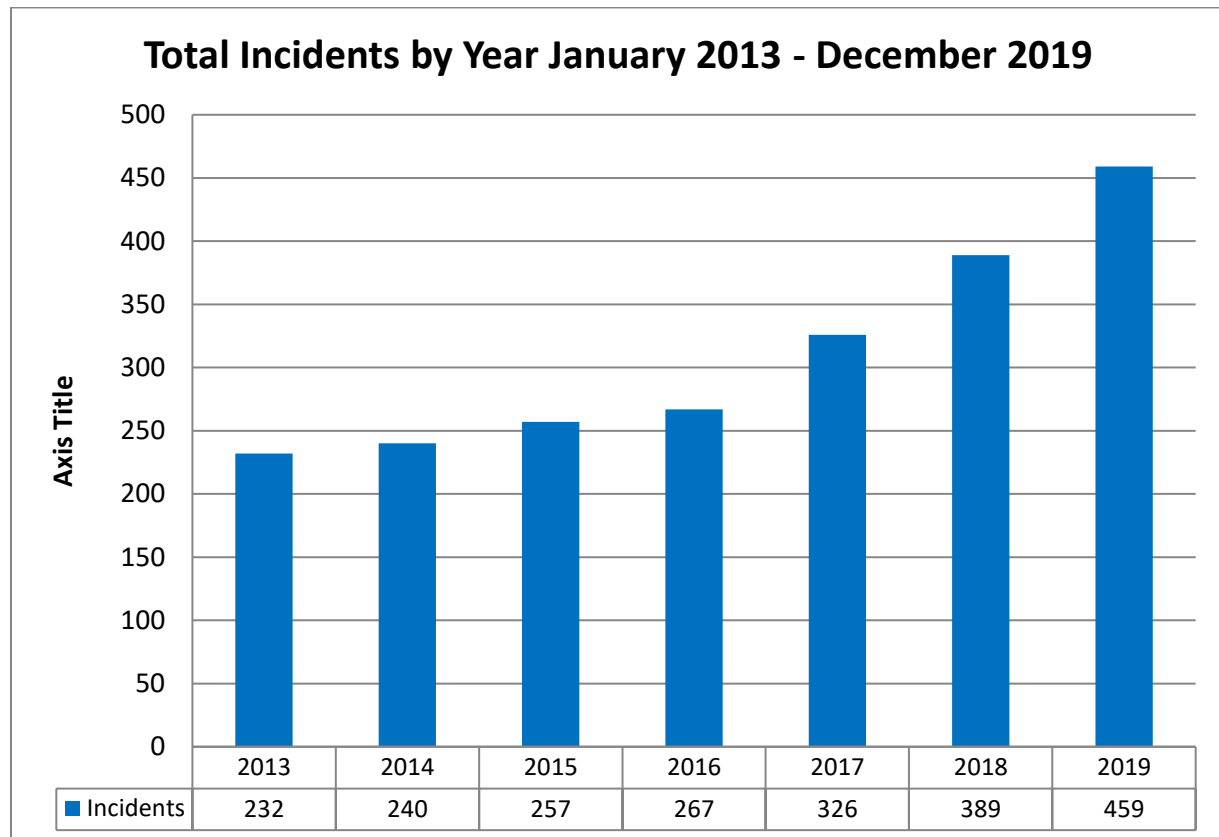
2009 Interstate Cargo Utility Trailer

used for Hazmat, Forestry, and miscellaneous incidents.

EMERGENCY RESPONSE ACTIVITIES 2019

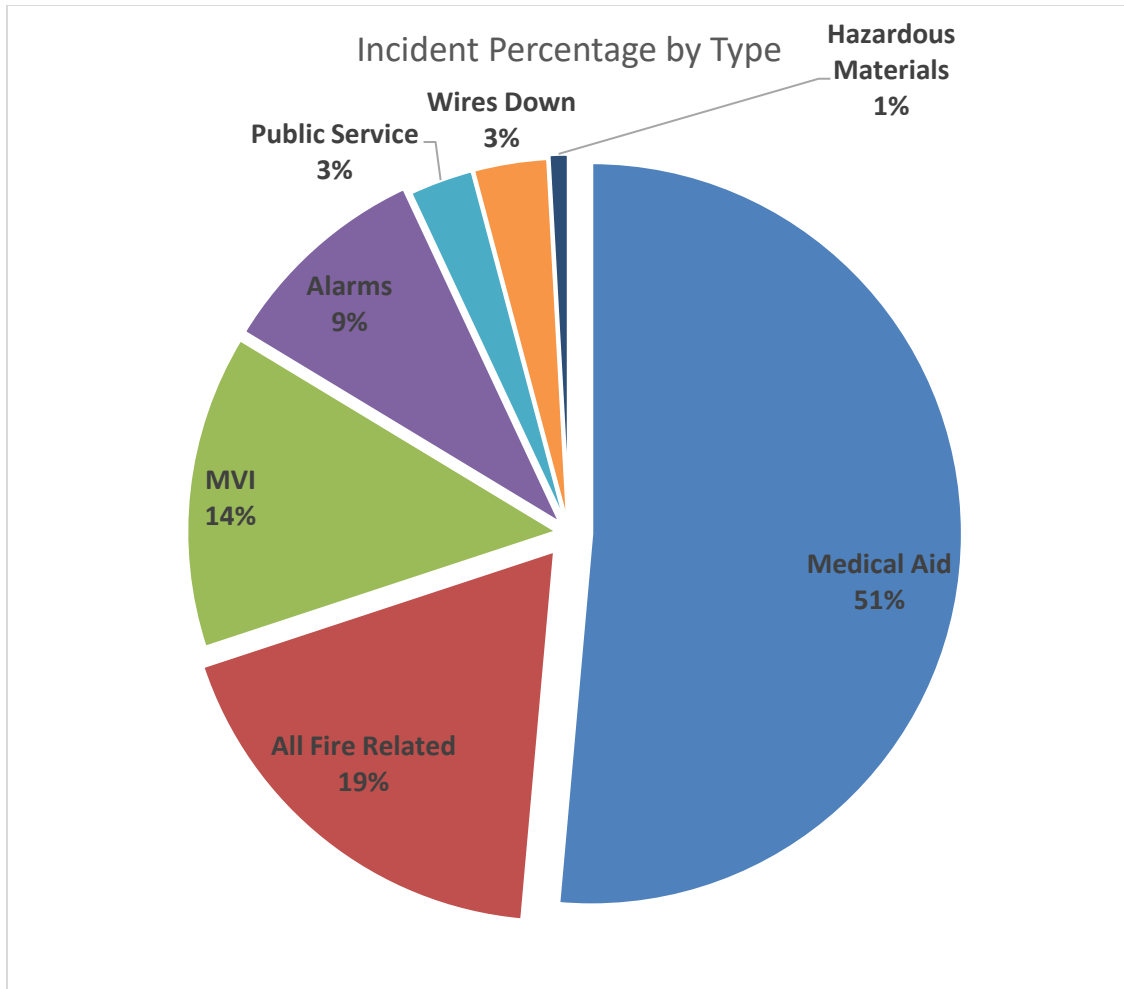
Pemberton Fire Rescue had another busy year attending to 459 incidents. The calls on average have steadily increased by 4% to 5% per year since 2012 as per the information below.

Year	2013	2014	2015	2016	2017	2018	2019
Incidents	232	240	257	267	326	389	459



Incidents by Type and Percentage

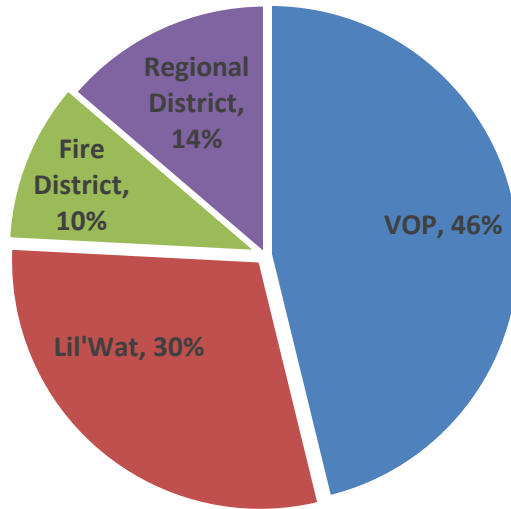
Totals	459	100%
Medical Aid	236	51%
MVI	63	14%
All Fires	85	19%
Alarms	43	9%
Wires Down	15	3%
Public Service	13	3%
Hazmat	4	1%



Calls by Type by Location

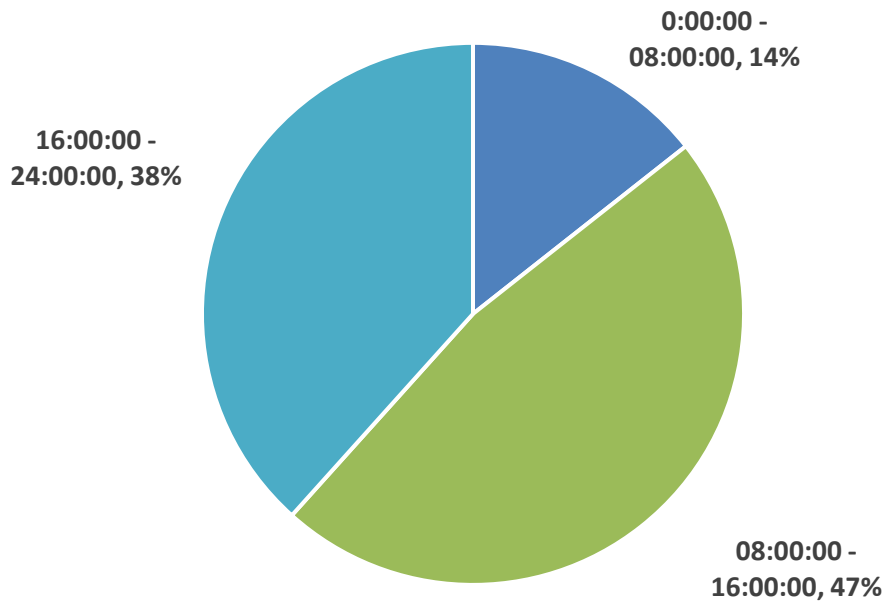
	Village Boundaries	Lil'wat	Fire District	Regional District
Medical Aid	113	91	17	15
MVI	21	4	5	33
Alarms	35	1	6	1
All Fire Related Calls	28	33	15	9
Wires Down	6	2	3	4
Public Service	7	3	2	1
Hazmat	2	2	0	0
Totals	212	136	48	63
Percentage of Calls by Location	46%	30%	10%	14%

Percentage of Incidents per Area

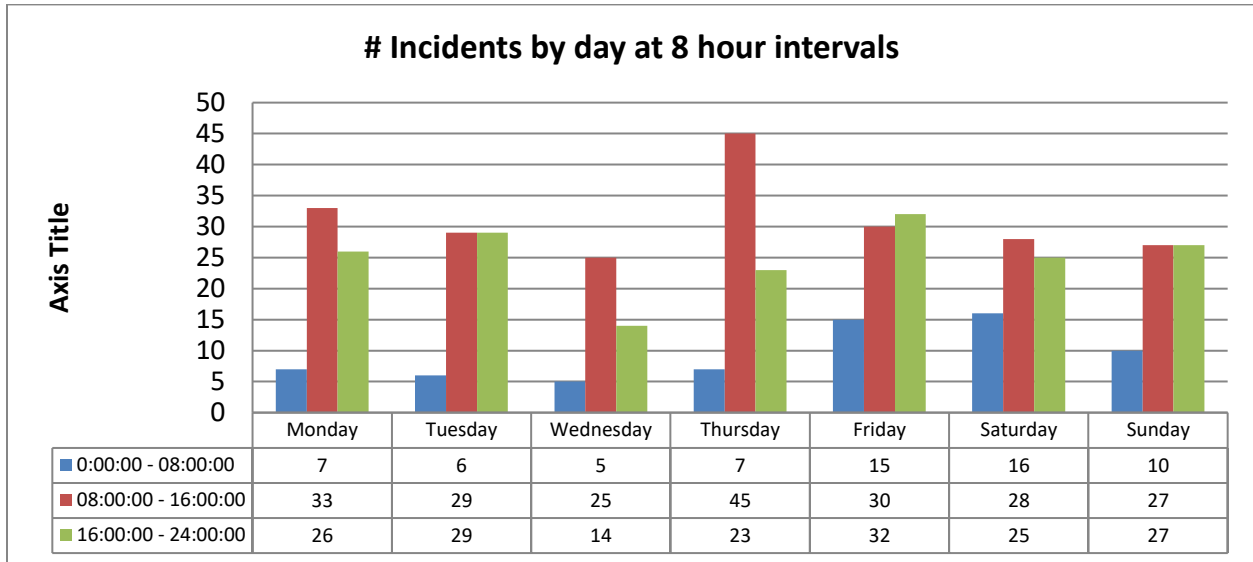


Below is a chart showing percentage of Incidents in a 24-hour period broken into 8-hour increments. As can be seen from the chart below most incidents for 2019 occurred between 08:00 am to 4:00 pm.

Percentage of Incidents at 8 hour time intervals



The chart shows how many incidents occur in an eight-hour time segment and on which days the highest number of incidents occur.



The table below is information for the chart above. All indications show that during 2019 the majority of incidents occurred between 8:00 am and 4:00 pm Monday to Friday. This is during the time when most volunteer members are working their full-time jobs elsewhere.

	0:00:00 - 08:00:00	08:00:00 - 16:00:00	16:00:00 - 24:00:00
Monday	7	33	26
Tuesday	6	29	29
Wednesday	5	25	14
Thursday	7	45	23
Friday	15	30	32
Saturday	16	28	25
Sunday	10	27	27
Totals	66	217	176

Community Events Involvement:

In 2019, Pemberton Fire Rescue provided public service assistance and participated in and supported several public events as well as some additional requests for fire prevention and assistance to public events. These included: Winterfest, Diamond Rally Charity Event, Porsche Rally Event, Off Road Rebels 4x4 Rally, Canada Day Parade, Halloween providing traffic control, and Remembrance Day.

Pemberton Fire Rescue was on hand to deal with any situation that may have arisen from the fireworks shows during Halloween, and New Year’s Eve.

In 2019, special events have not impacted Pemberton Fire Rescue's ability to respond to the needs of the community we serve; however, the Department has put in place protocols to monitor and actively work with organizers. Pemberton Fire Rescue has noticed that with the increase in the number of incidents occurring in the response area, members are starting to participate less in both events and incidents due to the increase in commitment special events occurring in Pemberton due to the in advance of an event or activity to ensure resources are in place to effectively provide fire responder services.

Fire Prevention and Inspections:

Pemberton Fire Rescue is pleased to report that business operators within in the Village of Pemberton recognize the importance of being prepared and continues to be compliant with fire regulations.

For 2019 approximately 20 fire inspections were done in.

6 Fire Safety plans reviews were conducted. This included an inspection of the building with property manager to review plans and building.

Fire Extinguisher training was organized and conducted by Pemberton Fire Rescue for 4 businesses within the fire boundaries of the department.

Training:

Members continued throughout the year on a weekly basis their internal training as well as external training. In 2019, there was a total of 195.50 completed hours of training by our Volunteer Fire fighters. In total, there were 69 training sessions available with 59 subjects covered to our fire fighter over the 2019 year.