

# Fire Services Update Report

Presented to: Emergency Services Committee on June 27, 2018



This report aims to provide The City of Greater Sudbury Emergency Services Committee with an update on good news stories and relevant statistics as well as recent business activities within the Fire Services Division of the Community Safety Department.

Fire Services is responsible for delivering proactive public safety and response programs to prevent emergencies wherever possible and to preserve and enhance life, property, and the environment where response is required.

## Good News Stories

### Water rescue response compliance

Marine 22, the Lake Wanapitei boat, received an upgrade to the trailer, vessel electronics (new Garmin GPS unit and Marine radio installation), and safety equipment. In keeping with added training and ability in terms of water rescue (noted later in this report within the Training section), this boat will continue to support water based rescue in the largest lake in the world completely contained within the boundaries of a single city.



## Fire Operations

Fire Operations are the response branch of the Fire Service, responding to emergency and non-emergency incidents. Response incidents fall into four general categories; medical responses, technical rescues, hazardous material responses, and of course fires. The Operations group is made up of both Volunteer and Career responders.



## Fire Services Statistics

January 1, 2018 – April 30, 2018

Major Fire Loss Incidents		
Date	Location	Estimated Loss
January 3, 2018	Laurier St West, Sudbury	\$150, 000
February 8, 2018	Glendale Ct, Sudbury	\$225, 000
February 9, 2018	Ferguson Ave, Capreol	\$130, 000
February 10, 2018	Radar Rd, Hanmer	\$115, 000
March 3, 2018	Paul St, Whitefish	\$350, 000
March 3, 2018	Edith St, Sudbury	\$330, 000
March 15, 2018	Dearbourne Dr, Sudbury	\$150, 000
April 23, 2018	Dupuis Dr, Sudbury	\$240, 000
TOTAL Estimated Loss for all 88 Fires		\$2, 295, 052

Data Source: Fire House

Incident Type	2018 Totals	2017 Totals
Fires	88	82
Fire Alarms	362	362
Vehicle Collisions	408	244
Open Air Burning Response	17	39
Medical Assistance	222	226
Other Incidents (brush/bush fires, assisting other agencies, no incident found on arrival, etc.)	412	425
Total	1509	1378

Data Source: Fire House

## Public Fire Safety Education/Fire Prevention

Public Fire Safety Education and Fire Prevention work hand in hand to proactively deliver programs aimed at ensuring safe communities. Public Education provides directed and focused fire safety programs to reduce risk where fire code enforcement has a diminished impact and where emergency response is delayed due to the City's geography.

Fire Prevention Section conducts inspections, and enforces various sections of municipal by-laws and provincial legislation. The Section's goal is to reduce the possibility and severity of fire or explosion, by



providing tools, resources and leadership to the community, with a focus on disadvantaged and vulnerable citizens.

### Film Production Safety

On May 7<sup>th</sup> the Fire Prevention Section was present with Fire Suppression to oversee the safety of workers and residents while Jelly Bean Productions Inc. performed a controlled explosion of a car for a movie project ongoing in the downtown area. Fire Prevention had been involved in the planning as well, working with the effects coordinator to ensure the complicated scene was filmed safely. Fire personnel and equipment were on standby on a cost recovery basis.



### Public Safety Education

Since March 1, the Fire Prevention Section has arranged and participated in 34 public presentations and contacts, ranging from fire safety sessions to vehicle displays to TAPP-C (The Arson Prevention Program for Children) interventions.

The Section continues its mandate to educate, inspect, and enforce to ensure a safer city.

### Fire Fleet/Logistics

Fleet provides logistical and maintenance support to ensure fire vehicles, equipment and buildings are maintained and repaired in accordance with applicable legislation, regulations, policy and manufacturers' suggested standards.

### Apparatus Purchases

The Greater Sudbury Fire Service has recently gone to market for the purchase of a front-line Aerial device to replace the 15 year old one in service. The accepted lifespan in frontline service for this type of vehicle in a city like Greater Sudbury is generally 10 years. Additionally, the Service is requesting tender applications for the purchase of two Tanker vehicles. Once successful bids are identified, the build time for an aerial is approximately 18 months with the tanker build time estimated at 6-8 months. The City of Greater Sudbury Fire Service, with 73 front line apparatus, has one of the largest fire fleets in the province and requires a replacement of more than three apparatus per year for regular attrition.



### Bush Fire Season

The Fleet/Logistics Section has been working diligently and within budget to prepare portable pumps and repairing or replacing bush hose, and giving attention to any other necessary equipment in anticipation of the 2018 bush fire season.

#### Bush Fire Calls

Jan 1 - Jun 7 2017	Jan 1 - Jun 7 2018	Variance
110	120	+10

Note: Total bush fire calls in all of 2017 was 351.

(Brush/bush fires are included in Open Air Burning/Other Incidents)



### Training

Training involves the development and delivery of fire service related training programs, including recruit training, officer development, emergency care, equipment operator training, fire suppression, and fire prevention. They also oversee operation of fire training grounds.

Recent changes to Provincial Legislation regarding certification of firefighters requires training for firefighters to comply with the National Fire Protection Association (NFPA) Standards. This new standard requires additional support from the Training Division as identified in the *“Proposed Changes to Fire Protection and Prevention Legislation”* report provided to the Emergency Services Committee on May 16, 2018. The proposed regulations identified in this report were passed into law in May 2018.





### Swiftwater Rescue Training

Thirteen career firefighters received instruction and re-certification as Train-the-Trainer Instructors in swiftwater rescue training and swiftwater rescue boat operations from training partner, Raven Rescue.



Volunteer firefighters (19) at Azilda, Skead and Garson stations received training and certification through Transport Canada affiliated instructors for commercial vessel operations. Training included certification for marine radio operations and marine emergency duty. Volunteers (8) that may respond to Lake Wanapitei also received Small Vessel Operator Proficiency certification. These training modules meet Sudbury Fire Services legal obligation to operate and crew commercial vessels. 70 career firefighters also received the Transport Canada training.