

Greater Sudbury Fire Services Update Report

Presented to: Emergency Services Committee on April 17, 2019



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 Community Safety Department, Fire Services Division.

Fire Services is responsible for delivering proactive public safety and response programs to prevent emergencies wherever possible and to preserve and enhance life, property, the environment, and the economy due to fire losses in accordance with the Fire Protection Act (FPPA) of Ontario, associated regulations, and City by-laws.

Fire Services Statistics

January 1, 2019 – March 18, 2019

Major Fire Loss Incidents		
Date	Location	Estimated Loss
Saturday, January 19, 2019	Jumbo Rd, Wahnapiatae	\$ 335,000
Thursday, February 28, 2019	Henry St, Whitefish	\$ 225,000
TOTAL Estimated Loss for all 38 Fires		\$902,011

Data Source: Fire House

Incident Type	2018 Totals	2017 Totals
Fires	38	39
Fire Alarms	187	203
Vehicle Collisions	163	239
Open Air Burning Response	4	8
Medical Assistance	140	123
Other Incidents (assisting other agencies, no incident found on arrival, etc.)	202	226
Total	734	838

Data Source: Fire House

Fire Operations

Fire Operations utilizes 88% of the Division's resources to deliver approximately 195,000-person hours of fire suppression services. The Section receives and processes approximately 4,800 requests for service representing 9,300 vehicle responses, in mitigation of emergent and non-emergent events within the scope of Fire Services including fire suppression, Medical Tiered Response (MTR), and



technical rescue including water, ice, high angle, confined space, etc. Additionally, the Section responds to major emergency incidents through coordination with provincial and federal response agencies. From a non-emergency perspective, the Section delivers 160 Knox Box maintenance visits and approximately 60 tactical pre-plans. The operations group is made up of both Volunteer and Career responders.

2019 Full Time Suppression Firefighter Recruitment

Over 400 individuals applied to the 2019 full-time recruitment and during the months of February and March were given the opportunity to complete the testing process. Out of this process 12 candidates were selected. These 12 individuals will now complete a nine-week training academy to become probationary firefighters with Greater Sudbury Fire Services. Good luck to the new recruits.

Public Fire Safety Education and Prevention

Public Fire Safety Education and Fire Prevention work hand-in-hand to proactively deliver programs aimed at ensuring safe communities by using 5% of the Division's resources to reach nearly 12,000 citizens via fire safety education programs aimed at at-risk populations and the completion of approximately 1,900 inspections enforcing various sections of municipal by-laws and provincial legislation. Public Fire Safety Education provides directed and focused fire safety programs aimed at at-risk populations to reduce risk where Fire Code enforcement has a diminished impact and where emergency response is delayed due to the City's geography through the development and delivery of programs such as: Learn Not to Burn, seniors' fire safety, student housing fire safety, the Arson Prevention Program for Children (TAPP-C), industrial fire safety, and fire extinguisher training. Fire Prevention conducts inspections and enforces various sections of municipal by-laws and provincial legislation in delivery of fire prevention programs 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.

Annual Fire Drills for Vulnerable Citizens

Fire Prevention Officers attended 53 vulnerable occupancies throughout the City of Greater Sudbury conducting fire drills and full building inspections of these residences. This is a rather big project that runs once a year and takes up to 6-7 months to complete from start to finish. Alongside the directives set out by the Ontario Fire Marshal's office, the goal is to understand how to safely, effectively and quickly evacuate occupants of these vulnerable occupancies. More importantly however, they try to ensure the prevention of types of emergencies that would necessitate evacuation by proactively inspecting each property and going over the importance of the building's life safety devices, in conjunction with their required maintenance. Fire Prevention hopes to have this year completed in line with past years by June-July.



New Public Safety Officer

Fire Prevention has acquired a new Public Safety Officer for the City of Greater Sudbury. The goal of this new position is to proactively educate and ensure local Industrial, hotel, commercial businesses, landlords, etc. are aware of some basic fire safety “must knows” in order to continuously ensure safe working properties. Despite the sharp learning curve this position entails, they are excited to be able to reach out to occupancies that they had a harder time reaching out to in the past.

Fire Fleet/Logistics

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

Fleet and Facilities Update

The Fleet Section is continually working to ensure the safety of all Greater Sudbury Fire Services employees. Annual inspections of heavy fleet and inspections of light fleet vehicles are a very important part of daily operations. The Fleet Section is currently in the midst of bunker gear cleaning and testing and air rejuvenation of their self-contained breathing apparatus (SCBA).

The Fleet Section is also working with manufacturers in the builds of two tanker trucks and an aerial ladder truck to ensure continued reliability and efficiency of the responding crews.

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. The Training Section also oversees operation of fire training grounds on which the training sessions are conducted.

Training Updates

- NFPA-1001 compliant material with lesson plans and skills videos have been developed for the Service on the following subjects. This includes a sign-off book with all of the Job Performance Requirement’s (JPRs) for the service on 1001.
 1. Basic Firefighting Tools
 2. Building Construction
 3. Communications
 4. Fire Extinguishers
 5. Fire Science
 6. Ladders
 7. Raising and Lowering Equipment
 8. Ropes and Knots



9. Search and Rescue

10. Ventilation

- NFPA-1002 Pump operator curriculum is under development with a delivery start date of mid-June 2019.
- NFPA-1006 Technical Rescue is progressing on the following:
 1. Rope Rescue Technician Level at Van Horne Station to be completed by the end of September 2019.
 2. Confined Space Rescue Technician Level at Van Horne Station to be completed from October to December 2019.
 3. Trench Rescue Technician Level at Van Horne Station to be completed by the end of 2020. The Trench course will require the development of instructors by specialized providers.
 4. Vehicle Rescue Operations Level at applicable stations. Three instructors were developed in the operations level component of the NFPA Standard. An auto extrication program is being established with an expected delivery start date January 2020.
 5. Swift Water Rescue program is ready to deliver this spring. Pre-class assignments have been distributed with the hands-on component being weather dependent (spring thaw is required for best training opportunities). Delivery is focused at Minnow Lake and Long Lake Stations.
 6. Ice Water Rescue program is in the delivery phase with training being focused at the Minnow Lake and Long Lake Stations. The majority of JPR's have been completed by those assigned to these stations.
 7. Watercraft Rescue program is in the product development phase. It is expected that this program will be ready for delivery by August 2019.
- NFPA-1021 Company Officer 1 & 2 courses are in the process of being delivered. These programs include Greater Sudbury specific components as well as the NFPA required pieces.
- NFPA-1072 Hazardous Materials program is in the development stage given Council's new funding for the program.
- The Training Section is also in the process of delivering the Red Cross Emergency First Responder (EFR) program internally with some Greater Sudbury specific components. All Career Firefighter EFR training should be completed by the end of June. EFR training will commence in the named Volunteer stations starting in May 2019. A memo is to be released to determine the interest of Volunteers in the Onaping, Levack, and Capreol volunteer stations.