



ANNUAL REPORT

2023

To his Worship Mayor Dan O'Mara
And Members of Municipal Council
Corporation of the Municipality of Temagami
Temagami Welcome Centre, Lakeshore Drive
Temagami Ontario
POH 2H0

Dear Mayor and Council:

I am extremely proud of the dedication and professionalism shown by members of the department, and support from their families and employers. It is a privilege to serve with such fine people.

As Fire Chief of the Temagami Fire Department, it gives me great pleasure to present the annual report for the year ending December 31, 2023.

Word of Thanks

I would like to thank Mayor O'Mara and Council for their support, and look forward to their continuing support, working together, and making our community a fire safe community.

Respectfully submitted

Jim Sanderson

Jim Sanderson
Fire Chief
Temagami Fire Department

Introduction

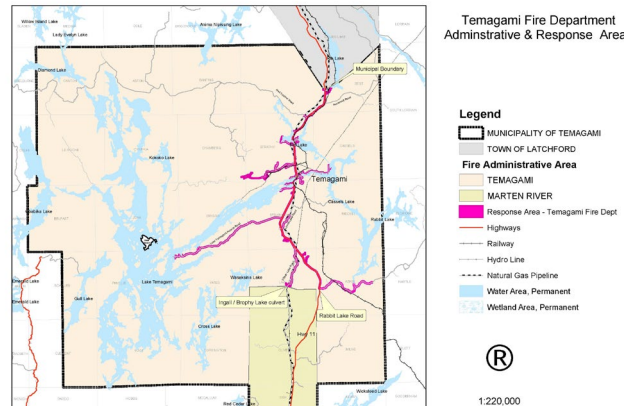
The Temagami Fire Department, located at 5 Stevens Road, is one of two municipal fire departments providing fire services within the Municipality of Temagami, as authorized by Council under Fire Department Establishing & Regulating By-Law 21-1545.

ADMINISTRATIVE DIVISION

Temagami Fire Department's administrative area includes all areas of the Municipality, excluding Sisk, Olive, Milne, and portions of Law and Askin Townships lying South of the Rabbit Lake Access Road at HWY 11 and 695 Wilson Lake Road.

Fire departments provide Fire Prevention and Public Fire Education within their administrative area.

Administrative and support services tasks are part of the workload of the Fire Chief. Municipal staff provide assistance with issuing of Fire Permits, and invoicing for services and cost recovery billing.



Annual Budget¹

Fire Service Revenue

- MTO Recovery: Projected revenue: \$10,000 Actual Revenue: \$30,463.⁵⁶
- Burning Permits: Projected revenue: \$1,500 Actual Revenue: \$1,400
- Mis. revenue: Projected revenue: \$1,000 Actual Revenue: \$1,547.³⁷
- Donations: Projected: \$0 Actual: \$40,973.⁶⁶ were applied towards the purchase of E-Hydraulic Extrication Equipment (recorded under Capital expenditure).

The Fire Department is extremely grateful to the Temagami Lions Club Auto Extrication Fund-Raising initiative, enabling the department to upgrade our Jaws of Life to new, stronger, versatile E-Hydraulic Auto-Extrication Equipment. Once extrication of a patient is identified, no longer do our firefighters lose valuable minutes setting up the gas powered hydraulic pump and connecting hydraulic hoses before rescue operation begin. The quickness of deploying our new extrication tools, without the stress of worrying the hydraulic pump might not start, is truly a game changer.

Organizations that have contributed towards the fund-raising initiative include:

- Temagami Lions Club
- Kimmy Tracy Foundation
- Temagami Firefighter's Association
- Public donations: through the Lions club or the Municipality (tax receipt)

Fire Service Operations Budget

- 2023 Budgeted Operating Expenditures: \$129,800; Actual expenditures:¹ \$136,682.²⁶

Fire Service Capital

- 2023 Budgeted Capital expenditures: \$0 Actual Capital expenditures: \$41,067.¹²

¹ Revenue/Expenditures data as of March 7, 2024

Administrative Reports, Memos, Presentations and By-laws

April 13/23: Annual Fire Department Report

Monthly Department Update reports (12)

September 28/23: Presentation on 10 year Capital Funding Pressures

September 28/23: Receive Donations for the purchase of E-Hydraulic Spreaders

November 23/23: Request to issue RFQ for Self Contained Breathing Apparatus

December 14/23: RFQ results / purchase of Self Contained Breathing Apparatus (SCBA)

Personnel

The department's full complement is 25 volunteer positions. Members receive an hourly honorarium for responding to emergencies, attending training, and performing authorized department activities.

List of Firefighters & Years of Service with Temagami Fire

Name	Position	Years Service	Certifications
Jim Sanderson	Chief	33	NFPA 1021 Officer 2, NFPA 1031 Fire Inspector 1, NFPA 1041 Fire Instructor
Wendell Gustavson	Deputy	18	Ontario Seal: Interior Suppression with Auto X, NFPA 1041 Instructor 1
Josh Campbell	Captain	13 (11 Bracebridge FD)	NFPA 1021 Officer 1, NFPA 1031 Inspector 1, NFPA 1041 Instructor 1
Ken Richardson	Firefighter	29	Ontario Seal: Interior Suppression with Auto X
Ken Maurice	Firefighter	5	Ontario Seal: Interior Suppression with Auto X
Lawrence Chmielewski	Firefighter	4	Ontario Seal: Exterior Suppression with Auto X
Matt Fuller	Firefighter	3	Ontario Seal: Interior Suppression with Auto X
Billy Douglas	Firefighter	2	
Janice Bell	Firefighter	1	
Katie Ritz	Firefighter	10 months	
James Ripley	Recruit program		
Chris Anderson	Recruit program		
Brad Poirier	Recruit program		
Maddy Kulig	Recruit program		

2023 Department Awards

- Firefighter of the Year: Jim Sanderson
 - Attended 91% of scheduled training & 87% emergency Incidents

EMERGENCY RESPONSE DIVISION

Temagami emergency response coverage area is approximately 5 square miles; comprising of approximately 302 properties (49 vacant lots) with hydrant service within the town centre and Temagami North, and another 190 non-hydrant properties (50 vacant parcels) in the rural area along the highway corridor, and on roads accessible to our vehicles. Forest fire suppression on 99.7% of the Municipality is contracted out to Ministry of Natural Resources and Forestry under a Forest Fire Management Agreement. No structure fire suppression is provided to water access only properties.

Response Statistics

18 - Fire related activations:

- 5 Structure fires
 - Chimney Fire
 - Garage
 - House Trailer
 - House (Mutual aid to MRFD)
 - Cancelled on route (MRFD)
- 4 Vehicle fires
 - 2 brake / tire fire (tractor trailer)
 - 1 trailer & contents(straw bales
 - 1 Cancelled on route (MRFD)
- 2 pre-fire conditions
 - 2 Vehicle overheated brakes
- 3 No Loss Outdoor Fire
 - 1 re-ignition of straw bales
 - 2 trees on line on fire
- 3 Fire Alarm activations – accidental (Arena, Public School, retail shop)
- 1 Fire Investigation (large loss)

7 - Motor Vehicle Collisions (MVC):

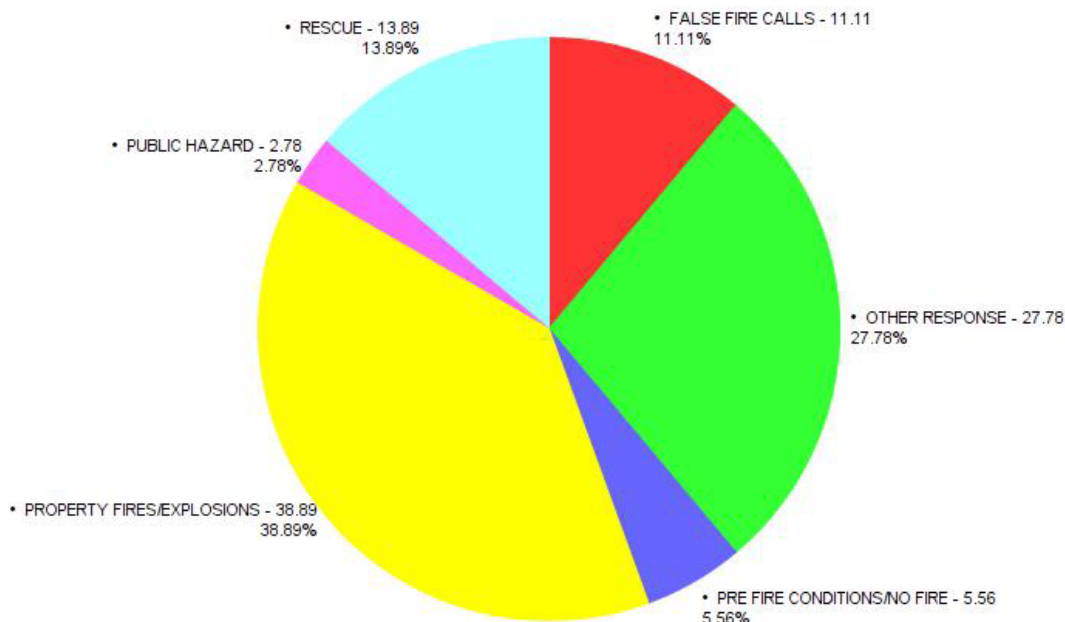
- 4 MVC in the Temagami FD response area;
- 3 MVC in the Marten River FD response area
- 1 assist with extrication
- 2 responses cancelled on route

4 – Assist to other Agencies:

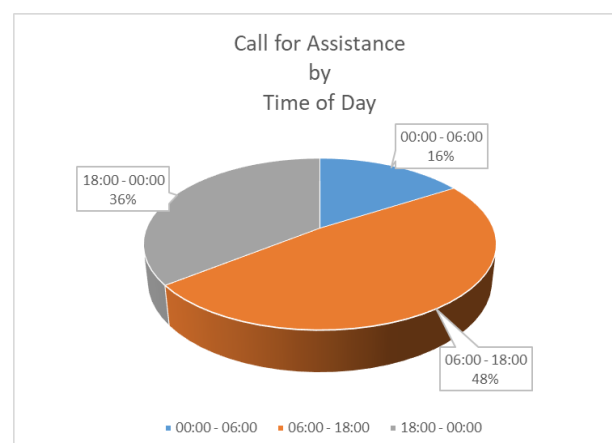
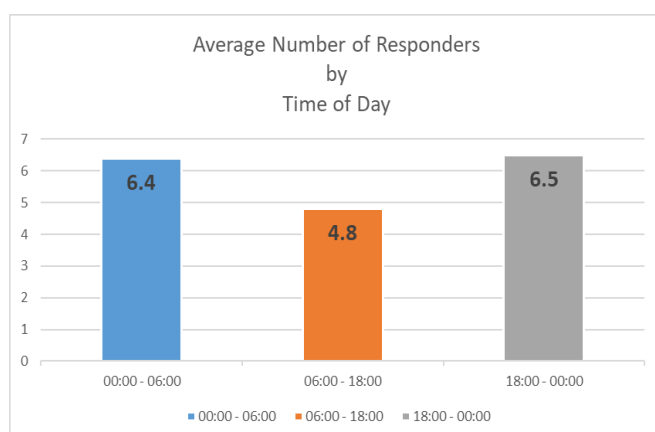
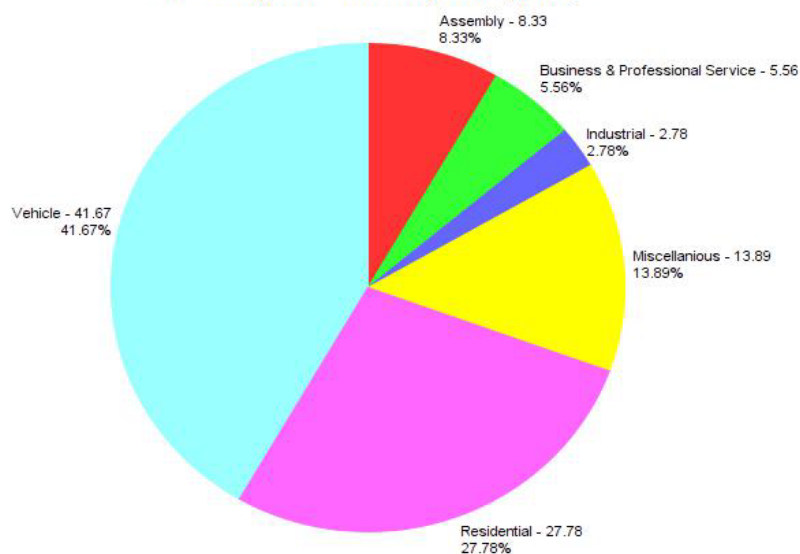
- 2 Assist to Police (traffic control)
- 1 hydro wires down
- 1 Natural gas leak

2 – Human perceived emergencies

2023 Incidents by Type (grouped)



2023 Response Totals by Occupancy



Year	# of activations	Average # firefighters	Highest # firefighters	Lowest # firefighters	Average Assembly	Response time (minutes)
2019	17	4.61	9 (twice)	3	5:04	3:09 to 30:08
2020	12	4.25	7	2	6:18	2:34 to 12:00
2021	13	5.5	10	3	5:14	3:27 To 28:34
2022	32	6.8	10 (twice)	3	5:57	5:34 to 27:13
2023	30	6.2	8 (twice)	1	6:55	3:27 to 22:13
Average	20.8	5.5			5.53	

Note: a dispatching protocol is in place to activate Marten River FD to respond in the event no volunteer firefighters are available to respond from the Temagami Fire Department

TRAINING DIVISION

In July 2022, O.Reg 343/22 Firefighter Certification legislation was passed, with a compliance deadline, commencing in July 2026, which requires firefighters (volunteer & full time), to be certified within 3 years of hire, to at least a minimum legislated standard, associated with the level of service mandated by council.

Training in 2023 focused on ensuring training is completed and documented to meet the requirements, for firefighters hired before January 2021, to apply under the Legacy Program (before September 30, 2023) for *letters of compliance for Ontario Seal certification for Exterior Attack (with optional add-on of Auto Extrication) from the Fire Marshal*. All department members eligible to apply for letters of compliance under the legacy program achieved their Ontario Seal certification, and are identified in training achievements section.

Recruit training program: Updated in April 2023, the new document provides a higher level of detail on training standards and opportunities, the recruitment process, and an updated firefighter application form. A recruitment drive was initiated in September, promoting the new recruitment program, for a November recruit training class. A total of 6 applications were received, with 1 applicant withdrawing their application, and the second shortly after receiving the recruit training assignments. The ability to provide training to a number of recruits at one time will hopefully reduce the amount of instructor time that traditionally had occurred when bringing on new recruits, improving the departments ability to separate recruit training needs, and limiting scheduling impacts to ongoing firefighter 1 & 2 training topics and subjects for the members of the department that are part way through the approximately 150 hours required for NFPA 1001 Firefighter 1 & 2.

Firefighter 1 & 2 Training: Our training program for 2024 will continue focusing on providing a training program/schedule that provides opportunities for Firefighters to obtain, at minimum *Ontario Seal Exterior Attack with Auto Extrication certification*, and ideally, *NFPA Firefighter 1 & 2 certification* by July 1 2026, or within first 3 years of service for members hired after January 2024. Currently the department has 3 members that will go through the formal testing process set out by the OFM's Academic Standards & Evaluation prior to July 1, 2026.

2023 Training Achievements:

The following training Certificate of Compliance or Certifications were achieved in 2023:

Exterior Fire Suppression with Auto Extrication (Ontario Seal):

L Chmielewski

Interior Fire Suppression with Auto Extrication (Ontario Seal):

W Gustavson, K Richardson, K Maurice, & M Fuller.

Fire Inspector Program encompasses six courses including *Legislation, OFC NFPA 1072 Hazardous Material Awareness, NFPA 1031 Fire Inspector I, Fire Code Div. B Part 2 and 6 – Fire Safety and Fire Protection Equipment, Courtroom Procedures, and Fire Code Div. B Part 9 – Retrofit.*

NFPA 1031 Inspector 1 AS&E exam certificate: J Campbell

Fire Code, Parts 2 & 6; Fire College certificate: J Campbell

Group Crisis Intervention Training: K Ritz

Driver training: DZ licence obtained: Matt Fuller

In-person training/practices: focuses on firefighter hands-on skills training required to document firefighter training and completing required Job Performance Requirements (JPRs) for the Ontario Firefighter Legacy application or Firefighter 1 and 2 certification.

Training subjects during 43 Monday night practices in 2023 included:

- **Fire response task specific training** included personal protective equipment & breathing apparatus use; Building Construction; air monitoring & use of Multi-gas detector; Fire extinguishers; Ladders; Ropes & Knots; Fire Extinguishment; tactical (negative & positive control) ventilation; Fire Behaviour; fire control; Forcible entry; Coordinate interior attack; Mayday procedures & firefighter survival; Structural search & rescue, rescue lifts & drags;
- Loss Control, salvage & overhaul, property conservation; Fire cause determination/evidence protection; fire protection sprinkler systems; smoke alarms legislation
- Traffic control, working on roadways, safe work areas.



- **Auto Extrication:** tools practical, using New E-Hydraulic cutter & spreader, Auto-extrication theory new vehicle construction, and EV lithium battery hazards,
- **Vehicle / Pump Operator** training & annual refreshers include Apparatus response protocols, Apparatus driving (theory & practical skills), Pump operator skills including drafting & using hydrant were completed; operating portable pumps on ice
- **Wildland/forest fires:** training limited to theory review in 2023



- **Other Specialized Training included:**

- | | |
|---|--------------------------------|
| ○ SCBA Mask FIT testing | 10 members |
| ○ Individual Driver practical driving sessions | 2 members |
| ○ Standard First Aid | 4 members |
| ○ Recruit training (16 hours) | 4 recruits |
| ○ Enbridge Gas presentation on natural gas response attended by all members | |
| ○ 4 hour hybrid/electric vehicle extrication workshop session on new skills / methods, presented by Defosse Extrication & Consulting; attended by all firefighters. | |
| ○ Northeastern Fire Education Conference | Chief, Captain & 1 Firefighter |
| ○ Fire Code information session (pt 4) | Fire Chief & Captain |

MECHANICAL DIVISION

Fleet Vehicles (3)

- Weekly, pre-trip inspections of fire vehicles are completed by firefighters, meeting the intent of MTO legislation regarding pre-trip inspections for commercial vehicles; catching defects before they become an issue.
- Fire trucks are tested annually to ensure the on-board fire pumps can pump to their rated capacity (as per MOL section 21 guidelines for the Fire Service)
- Annual Commercial Vehicle inspections, annual oil change & servicing were done at outside service shops (unable to be completed by Public Works in 2023).



2017 Initial Attack Fire Apparatus/pumper (Pump 2)

- ▶ Received late October 2017
- ▶ Primary response vehicle (fires)
- ▶ requires Class “G” licence
- ▶ *Truck: 2017 Ford 550*
- ▶ *1050 lpgm Hale pump*
- ▶ *284 gallon water tank*
- ▶ *10 gallon foam*

Repairs in 2023: replacement of parking brake & cable.



2005 E-One Traditional Pumper (Pump 1)

- ▶ Primary response vehicle (fires)
- ▶ requires Class “D” licence with “Z” endorsement (air brakes)
- ▶ *Truck: 2005 Freightliner M2*
 - 300 hp Caterpillar C7 diesel engine
 - Allison EVS3000 automatic transmission
 - Onboard Diesel exhaust filter system
- ▶ *1050 lpgm Hale pump*
- ▶ *840 gallon tank*

Repairs in 2023 included: fiberglass repair to front hood damaged during practice, replacement of on-board air compressor, replacement of Pump Compartment heater, repair to hosebed tarp (recommend replacement in 2024). Open door warning light currently disabled (grounding fault suspected).

2002 American LaFrance Rescue / Support Vehicle (converted Florida Ambulance)



- ▶ Primary response vehicle for Motor Vehicle Collisions (MVC)
- ▶ requires Class "G" licence
- ▶ *Truck: 2002 Freightliner FL60*
 - 260 hp Turbo diesel engine
 - 5.9 Cummins /Allison automatic transmission
- ▶ *4 bottle cascade system, SCBA fill station, firefighter rehab area*
- ▶ *Acquired/in service date: Nov/14*

Repairs in 2023 included: replace front steering tires (9 yrs. old), replace both front sway bar posts, patch hole in exhaust system, replace 2 rear shocks, Rear left side air lift control valve replaced, engine water pump leaking / replaced.

Small Equipment

All equipment must be maintained in a complete state of readiness. One meeting a month is dedicated to inspecting equipment to ensure it is functioning & ready for use.

- Specialized inspections over and above monthly inspections by fire fighters included:
 - Bunker Suits(10): annual professional cleaning, repair and testing,
 - Self-Contained Breathing Apparatus: annual flow testing of units and face pieces,
 - Fire Hose: annual in-house testing completed
 - Ladder testing (outside service provider) - Pumper 2 Ladders tested this year
- Equipment repaired include: 4 portable radio batteries, 1 Multi-gas detector sensor, and fire hose pressure testing machine (replace pressure pump & fittings)
- Personal safety equipment purchases include: 4 High-Vis rain coats, 3 pair firefighter boots(rubber), 1 Nomex Fire Resistant hood, 1 pair flash-rated coveralls, and 4 pairs structural firefighter gloves
- New equipment purchases (replacement) included 3 pager chargers, 1 multi-gas detector, TV in apparatus bay, 4 wheel chocks (auto-x vehicle stabilization), 12 traffic wands (no stands). Recruitment sign, 4 – 5 gallon pails of Class A foam; E-Hydraulic Extrication Cutters & Spreaders (Capital Donations)

Fire Halls / Buildings

- **Main Hall: 5 Stevens Road** (2017 Fire Pumper and 2002 Rescue/Support truck)
 - Clean & servicing Gas heater.
 - Electric service call to replace outdoor lighting photo control
- **Community Hall/Arena Fire Vehicle bay** (2005 Fire Pumper)
 - replacement filters for dehumidifier
 - Overhead door servicing
 - Clean & servicing Gas heater, replace exhaust piping & outside cap

FIRE PREVENTION, PUBLIC EDUCATION DIVISION

Fire Prevention

In 2023, the department has started to return to pre-pandemic levels of Fire Safety inspection and Code enforcement, including department initiated inspections on occupancies that would have a high impact to the community should a fire occur, including: Temagami Public School, youth camps on Lake Temagami, large apartment complexes and assembly occupancies. With completion of Fire Code training, Captain Campbell has been assisting Fire Chief Sanderson in completing inspections and activities.

Fire Safety Inspections

- 2 fire safety plans reviewed / approved
- 2 Fire Safety Plan reviews ongoing
- 2 Fire Safety Complaint investigated; compliance notice issued
 - 1 fire safety issue corrected; 1 fire safety issue ongoing
- 1 Request for assistance to comply with the Ontario Fire Code received
- Fire Safety Inspections completed:
 - 7 youth camps (Lake Temagami)
 - Temagami Legion
 - Temagami Public School
 - Ronnoco House, & Minawassi apartments – inspection & fire safety plan review
 - 1 Fire Drill attended in 2023

Request for Information

- 1 request for Building Occupancy calculation
- 2 fire safety plan received for review
- 6 requests for information on burning during RFZ (use of: charcoal BBQ, propane stoves, Sanas, wood burning Pizza oven, discharge of fireworks)
- 4 request for information on requirements to conduct Daytime Open Air Burning
- 2 requests to conduct daytime burning

Fire Cause Determination

- 1 Fire Cause investigation conducted on a Large Loss fire on Lake Temagami – cause undetermined.

Enforcement

Fire Code Enforcement

- No charges laid in 2023

Open Air Burning By-law Enforcement

- 4 daytime burning investigated
 - 1 report of day-time burning not found
 - 3 day-time burning extinguished, verbal warnings issued
- 1 daytime burning permit authorized

Public Fire Safety Education

Smoke Alarm program

- With involvement and extensive promoting of the Saved by the Bell campaign during July through September (September 28th test date), no homes were visited promoting smoke alarm compliance in 2023 (visits normally done in early October)
- Fire Department continues to provide Carbon Monoxide and Smoke Alarms for sale to residents at cost at the Municipal office.
- Monthly Smoke alarm messaging in the community newsletter

Canada Day Celebrations

- Display set up at the Municipal Canada Day Celebrations at the Arena; providing an opportunity for the Fire Chief and Firefighters to answer resident's questions while promoting the municipal smoke alarms program & provincial Saved by the Bell smoke alarm initiative. Shout-out to Firefighters Janice Bell and Katie Ritz in engaging with the many youth that came to our display.
- Ministry of Natural Resources Fire crew joined the department booth, promoting Forest Fire Safety (Fire Smart).



Fire Prevention Week

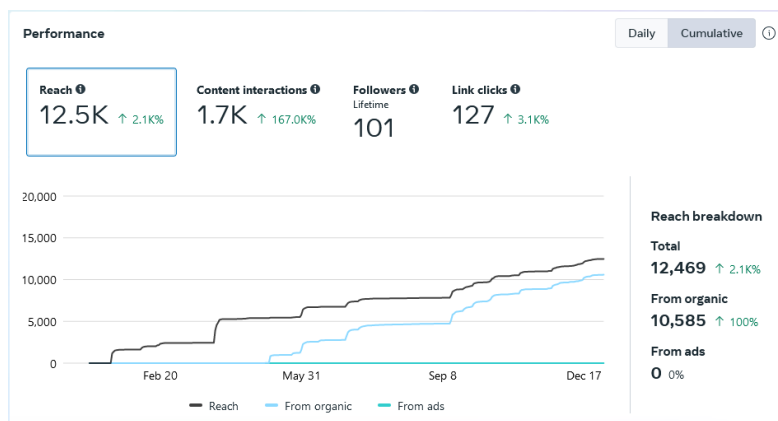
- Fire safety presentation was made to Temagami Public School students during Fire Prevention Week. Thanks to Captain Josh Campbell and Firefighter Janice Bell for developing educational components and providing the fire safety presentation.
- Shared page advertisement promoting several fire safety messages in Temiskaming Speaker, and Weekender

Distribution of Fire Prevention Messages / Education Material

- Daily fire safety messages on CJTT radio (partnership with 10 fire departments)
- Fire Safety messages in the monthly community newsletter
- Pamphlet display units at the Temagami library & Municipal office
- Fire Prevention newsletter Mail-out during Fire Prevention Week
- Educational display at the pancake *Breakfast with Santa* at the arena in December.



- Department Facebook page created in April, focusing on posting fire safety messages.
- Promoted two provincial fire safety campaigns:
 - “Saved by the Bell” (July - September)
 - “12 Days of Christmas” (December)



CHALLENGES:

Firefighter recruitment and retention is expected to continue to be a challenge, not only for delivery of emergency response services, administrative, and management workloads, but more importantly for providing mandated fire prevention, and public fire education. In 2023 the department initiated a formal schedule for receiving applications in conjunction with a formal recruitment class. Following completion of the first recruitment class an analysis to determine if scheduled recruit classes are right for our department, and possible changes that may be required.

Community Risk Assessment: In May 2018, the Ministry of Community Safety and Correctional Services (M.C.S.C.S.) adopted Ontario Regulation 378/18: Community Risk Assessments under the Fire Protection and Prevention Act (F.P.P.A), mandating every Municipality and every fire department in a territory without municipal organization to complete a Community Risk Assessment (C.R.A.) prior to July 1, 2024.

The C.R.A. is intended to identify existing service gaps, with particular connections to fire prevention, training and emergency response (e.g. suppression). Assessing community risk informs the understanding of local needs and circumstances, which can then be aligned to the service levels established by the municipality. A Community Risk Assessment is fundamental and would assist in the development of a strategic Master Fire Plan (M.F.P.).

The Temagami Fire Chief is leading the development of the C.R.A., with support from the Marten River Fire Chief and other Municipal departments. In 2023 initial data collection for the 9 mandatory profiles was completed. Projected workload remaining includes reviewing & evaluation of the data, identifying probability & consequence levels, creating Risk Matrix to categorize & prioritize key risks and identifying treatment options for the top risks in the community. Completion of the C.R.A. is anticipated by early June 2024. Once completed, the C.R.A. is to be reviewed, at least every 12 months, and revised, if necessary, to reflect any significant changes in the mandatory profiles or if any other significant matters arising from the review.

Municipal Service Delivery Review: The consultant's September 2020 report was received by Council at the Special Council meeting of October 26th. The objective of the service delivery review of Fire Department services was to *"revisit existing services to determine if a new service arrangement related to service sharing and / or an amalgamation of the Marten River and Temagami Fire Departments will result in an opportunity for greater efficiency in the deployment of emergency services and reduction of volunteer burnout."*

While the report included a preferred option, the limited detail in the service delivery review report suggests the need for a Master Fire Plan; providing clarity with detailed organizational reporting structure, future workloads, staffing, staff responsibilities, core services and associated funding requirements for fire service program deliverables.

Firefighter Certification legislation: While firefighter training has always been a priority, the legislated requirement for achieving certification (firefighters & officers), starting July 2026, has increased pressures on both delivery of training programs and the requirement for members to increase attendance to weekly and specialized training events.

Certification to conduct fire inspections, fire investigations and fire education may require consideration for full-time/part-time staff, or purchasing services from a department with full time staff for fire prevention & education.