

Markham's Emergency Management Program and Emergency Response Plan Update

General Committee Presentation
Tuesday June 8, 2017

Sonia Singh, Emergency Preparedness Coordinator

Agenda

1. Overview of Emergency Management in Ontario
2. Update on Markham's Comprehensive Emergency Management Program
3. Changes to the Emergency Response Plan and associated By-law
4. Update on Emergency Management Training and Annual Mock Exercise
5. Update on Emergency Preparedness Public Education Program

Purpose of Presentation

- To update General Committee on the changes to Markham's Emergency Response Plan and associated By-law
- To provide a brief overview of Markham's Comprehensive Emergency Management Program

1. Overview of Emergency Management in Ontario

What is an Emergency

Ontario's Definition

*“A **situation or impending situation** that constitutes a **danger of major proportions** that could result in **serious harm to persons or substantial damage to property** and that is caused by the forces of nature, a disease or other health risk, an accident, or an act whether intentional or otherwise”*

The Emergency Management & Civil Protection Act

Overview of Emergency Management in Ontario: Legislation

- 1. The Emergency Management and Civil Protection Act (EMCPA) R.R.O. 1990**
 - Municipality must have an emergency management program
- 2. Ontario Regulation. 380/04**
 - provides standards for municipal EM and provincial EM
- 3. Fire Marshal & Chief, Emergency Management Guidance Document dated: 2015-01-08**
 - Training Requirements
- 4. Markham By-Law (2011-229) on agenda to be approved by GC**
 - Designation of Public Information Officer (PIO) and Community Emergency Management Coordinator (CEMC)

Overview of Emergency Management in Ontario

Emergency Response Begins With YOU



Overview of Emergency Management in Ontario

Basic Emergency Management Program include:

1. Prevent
 2. Mitigation
 3. Preparedness
 4. Response
 5. Recovery
- Model for most municipalities in Ontario

Comprehensive Emergency Management Program include:

1. Prevent
 2. Mitigation
 3. Preparedness
 4. Response
 5. Recovery
 6. Business Continuity Plan
- ***City of Markham has a Comprehensive Program***

2. Update on Markham's Comprehensive Emergency Management Program

Markham's Emergency Response Plan and Emergency Management Program

- ❑ Provincially Legislated
- ❑ Components of Program include:
 1. Written Emergency Response Plan – based on the hazards and risks identified in the community, it provides a framework within which extraordinary arrangements and measures can be taken to protect the health, safety, and welfare of individuals living and working in Markham-
www.markham.ca/areyouprepared

Markham's Emergency Response Plan and Emergency Management Program

2. Designated EOC with the appropriate technological and telecommunications systems to ensure effective communication by EOC staff in an emergency
3. Designated Public Information Officer through Municipal By-Law
4. Designated CEMC through Municipal by-Law
5. Review Hazard Identification Risk Assessment (HIRA) annually

Markham's Emergency Response Plan and Emergency Management Program

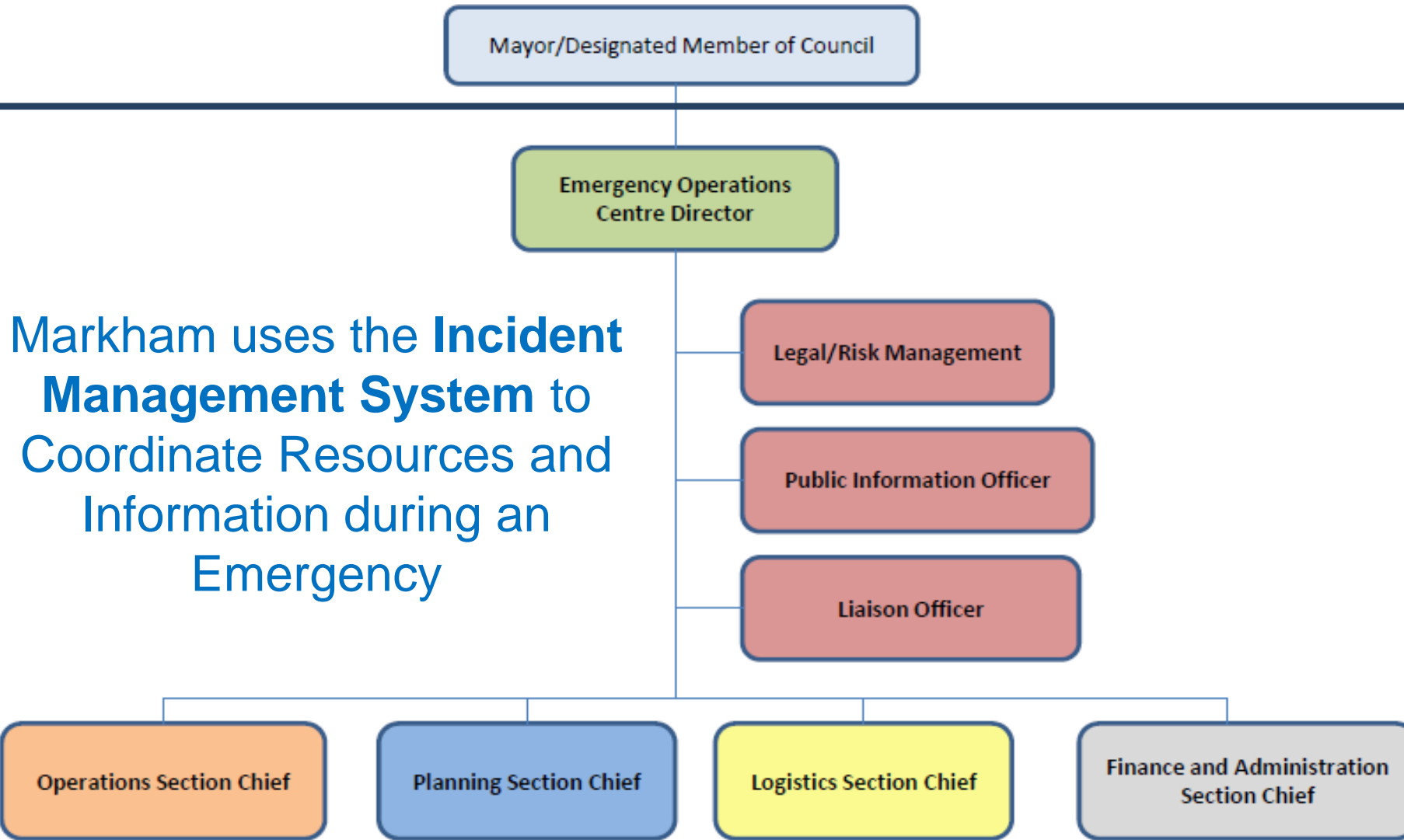
6. Review Critical Infrastructure list annually
7. Annual Mock Emergency Exercise
8. Annual Training for Municipal Control Group (MCG) in emergency management principles, concepts and procedures; including emergency scenario exercises;
9. Public Education on risks to public safety and the public's preparedness for emergencies

3. Changes to the Emergency Response Plan and associated By-law

Summary of Changes to the 2017 Iteration of the Emergency Response Plan and Program

Changes made include:

- The Designation of a Senior Manager in Corporate Communications and Community Relations as the Public Information Officer and respective update of By-Law 229-2011 to document this change was made due to staff changes and re-organization.
- The membership of the Municipal Control Group and the Emergency Management Program Committee has been revised based on the Incident Management System roles and responsibilities.
- Addition of graphics to better illustrate structure and use of the Incident Management System in Markham's EOC.



Designation of Alternate Community Emergency Management Coordinators (CEMC)

- ❑ Markham's Emergency Management Program By-Law designates the Deputy Fire Chief, Adam Grant, as Community Emergency Management Coordinator (CEMC).
- ❑ Three additional CEMCs have been designated to support the primary CEMC as Liaison Officer in the event of an activation of Markham's Emergency Plan and EOC.
- ❑ In 2017, two alternates were designated due to staff changes; Chief Training Officer, Clint Frotten and Chief Prevention Officer George Macris. In addition, the Emergency Preparedness Coordinator, Sonia Singh has been designated as an alternate CEMC to support a prolonged Emergency Operations Centre activation. All will or have already completed the required training by the end of 2017 pursuant to O.Reg. 380/04, s.10(2)

4. Update on Emergency Management Training and Annual Mock Exercise

Annual Emergency Management Training 2016

- ❑ As required pursuant to EMCPA s.2.1(2), O.Reg. 380/04, s.12(3) members of the Markham Municipal Control Group (MCG) are required to complete a minimum of four hours of emergency management training annually.
- ❑ Multiple training opportunities are provided to ensure that the City complies with the legislation.
- ❑ The City of Markham has over 120 staff trained in emergency management and/or emergency operations centre essentials. This training was utilized during the 2013 Ice Storm where the Emergency Operations Centre and two community warming centres were activated.

EM training provided in 2016

- ❑ Basic Emergency Management (BEM) a two day provincially recognized course.
- ❑ Corporate Communications EOC Specific Training focusing on the Public Information Officer (PIO) role, responsibilities, documentation and processes.
- ❑ CN Rail presentation on transportation of dangerous goods and understanding the role and responsibilities of a municipality in the event of a derailment.
- ❑ EOC Information Management & Note Taking Course focusing on proper documentation for accountability & inquiries.
- ❑ EOC Planning Section Specific Course focused Incident Management System training to build capacity in this section.
- ❑ Pre-Exercise Training in preparation for Markham's Annual Emergency Exercise.
- ❑ York Region Emergency Exercise and Training Day full day session with portion of the day dedicated to training
- ❑ Markham's Annual Emergency Exercise is a table top exercise that will comply with the EMPCA annual exercise requirement and also qualify for 2 hours emergency management training.

EM training scheduled for 2017

- ❑ EOC Logistics Section Information Technology Unit Staff Training
- ❑ EOC Operations Section Training
- ❑ Provincially recognized Basic Emergency Management two day course – foundation course for staff working in the EOC – Two Offerings June 8,9 and September 28,29
- ❑ York Region's Annual Exercise and Training Day

Required Annual Emergency Exercise 2016

Markham's 2016 annual emergency exercise was held on November 22nd, 2016. The exercise was a table top discussion based exercise with the following objectives:

- ☐ To enhance the roster of trained and experienced staff capable of staffing the EOC in the event of an emergency in Markham;
- ☐ To provide an opportunity for participants to gain confidence and understand roles and responsibilities using the Incident Management System;
- ☐ To learn about the role of external partners in the coordination of emergency response and recovery; and,
- ☐ To comply with the Emergency Management and Civil Protection Act, Regulation 380/04.

In 2017, Markham will be collaborating with Alectra Utilities in a two day North American wide exercise November 15-16, 2017 focusing on a cyber security attack affecting the electrical utility supply.

Required Annual Emergency Exercise 2017

- ❑ In 2017, Markham will be collaborating with Alectra Utilities in a two day North American wide exercise November 15-16, 2017 focusing on a cyber security attack affecting the electrical utility supply.
- ❑ City of Markham Emergency Preparedness Coordinator will be working with Alectra Utilities Emergency Manager in the planning of this exercise.

5. Update on Emergency Preparedness Public Education Program

Public Education and Awareness Program 2016

- ☐ As required pursuant to EMCPA s.2.1(2c), the City of Markham has an on-going Public Education and Awareness Program.
- ☐ York Region Emergency Preparedness Guides are available at the Markham Civic Centre and downloadable on www.markham.ca/areyouprepared webpage.
- ☐ Personal preparedness education was provided to approximately 3000 residents and visitors at public education events

Public Education and Awareness Program 2016

The following are a list of public education events that occurred during 2016:

- ☐ Launch of three emergency preparedness videos on Markham Fire's YouTube site.
- ☐ Markham Museum Snow Exhibit – 2013 Ice Storm Installation
- ☐ Markham Library Workshop on Emergency Preparedness
- ☐ Markham Museum Family Day
- ☐ Markham' Earth Hour Sustainability Fair
- ☐ York Region Police – Day to Eliminate Racial Discrimination
- ☐ Markham's By-law and Enforcement Pet Preparedness Event

Public Education and Awareness Program 2016

The following are a list of public education events that occurred during 2016 continued:

- ☐ National Emergency Preparedness Week Fair at Angus Glen Community Centre – 14 partners and stakeholders involved
- ☐ Environment Canada's Can Warn Stormspotter
- ☐ Markham Fire and Emergency Services – Jr. Fire Fighter Camps
- ☐ Markham Fair
- ☐ Markham Fire and Emergency Services – Open House Station 97

Public Education and Awareness Program 2017

The following are planned annual public education events where emergency preparedness education is scheduled in 2017:

- ☐ March 25th – Earth Hour 2017
- ☐ April 2nd 2017 – YRP Day to Eliminate Racial Discrimination
- ☐ April 21st , Markham North Welcome Centre Presentation
- ☐ **May 7th – EP Week Fair at Cornell Fire Station 99, 3255 Bur Oak Avenue.**
- ☐ June 15th Markham Junior Firefighter Day
- ☐ 1 session in week of July 10th-14th Cornell Summer Camp
- ☐ 1 session in week of July 24th-28th Unionville Summer Camp
- ☐ **Master of Disasters Summer Camp July 24-28, 2017**
- ☐ 1 session in week of Aug 14th -19th Thornhill Summer Camp
- ☐ Sept. 14th Bayview Glen Sustainable Neighbourhood Retrofit Action Plan (SNAP) Emergency Preparedness workshop
- ☐ Oct 14th Fire Prevention Week Open House

May 7th – EP Week Fair at Cornell Fire Station 99



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The Corporate Business Continuity Plan Program

- ❑ In 2017, the Emergency Management Program will also encompass the City's Business Continuity Plan (BCP) Program.
- ❑ Business continuity planning serves to enhance the emergency management program and will continue to build Markham's resilience and ability to respond to and recover from disasters and business crises.
- ❑ BCP Program will require similar program features as with the emergency management program, i.e:
 - Training of staff,
 - Regular maintenance,
 - Testing and continuous improvement of the BCP will be required bi-annually to support the maturation of the plan and embed business continuity practices into the corporate culture.
- ❑ A report to General Committee will be provided in the fourth quarter of 2017 to give an overview and update about the BCP program.

Questions?