

## **CITY OF VAUGHAN**

### **EXTRACT FROM COUNCIL MEETING MINUTES OF SEPTEMBER 25, 2012**

Item 27, Report No. 33, of the Committee of the Whole, which was adopted without amendment by the Council of the City of Vaughan on September 25, 2012.

#### **27      MINISTRY OF THE ENVIRONMENT AWARDS 100% RATING AFTER THE ANNUAL INSPECTION OF THE VAUGHAN AND KLEINBURG WATER DISTRIBUTION SYSTEMS**

The Committee of the Whole recommends approval of the recommendation contained in the following report of the City Manager, the Commissioner of Engineering and Public Works, the Director of Public Works, the Director of Engineering Services and the Director of Development/Transportation Engineering, dated September 4, 2012:

##### **Recommendation**

The City Manager, the Commissioner of Engineering and Public Works, the Director of Public Works, the Director of Engineering Services and the Director of Development/Transportation Engineering, which for the purposes of the City's Drinking Water Quality Management System are collectively referred to as "Corporate Top Management", recommend:

1. That this report be received for information.

##### **Contribution to Sustainability**

The provision of safe drinking water is key to the sustained economic vitality, health, and well being of the City and its residents.

##### **Economic Impact**

There is no economic impact as a result of the recommendations contained in this report

##### **Communications Plan**

N/A

##### **Purpose**

To advise Council, as "Owners" of the City's drinking water distribution systems, the results of the annual Ministry of the Environment's Annual Inspection of the two water distribution systems.

##### **Background - Analysis and Options**

##### **Inspections of the City's drinking water systems are conducted annually by the Ministry of the Environment**

The Ministry of the Environment has a rigorous and comprehensive inspection program for municipal residential drinking water systems (MRDWS). Its objective is to determine the compliance of the MRDWS with requirements under the Safe Drinking Water Act, and associated regulations.

Each year, the Ministry reviews the City's MRDWS against a number of set criteria. These include, but are not limited to:

- Treatment processes (City booster stations, Forms 1 and 2 for alterations to the system)
- Treatment process monitoring (sampling)
- Back-flow prevention programs
- Disinfection program for repairs to the system

## CITY OF VAUGHAN

### **EXTRACT FROM COUNCIL MEETING MINUTES OF SEPTEMBER 25, 2012**

#### Item 27, CW Report No. 33 – Page 2

- Flushing program
- Valve exercising program
- Hydrant inspection
- Water loss prevention
- Pressures
- Log books
- Operations manuals
- Emergency planning and testing of back-up generators
- Security
- Consumer relations, water conservation, public notifications
- Operator training and certification
- Water quality monitoring
- Water quality and assessment
- Reporting and corrective actions

In addition to reviewing documentation and the associated reports, the Ministry staff also go out into the field with City staff to conduct water samples and review operations and procedures.

#### **Vaughan received a perfect score of 100.00% for both water distribution systems**

After completing an extensive review of documentation and processes, and a 5 day on-site inspection, the Ministry has given the Vaughan Water Distribution System and the Kleinburg Water Distribution System a perfect score of 100.00%, with a 0.00% risk rating.

#### **The 100% rating is indicative of “first class” management and operation of the systems**

Since 2007, the City's water systems have been rated as follows:

2007	100% both systems
2008	100% both systems
2009	100% both systems
2010	100% Kleinburg system, 96.75% Vaughan system
2011	100% both systems
2012	100% both systems

The above noted figures are reflective of the quality of management and operation of the systems, and staff's commitment to providing not only "Service excellence", but also to safe drinking water to the City's residents and businesses.

#### **Relationship to Vaughan Vision 2020/Strategic Plan**

The Quality Management System Policy states:

*"As the owners and operators of the City of Vaughan's water distribution systems, we are committed to:*

- *Providing safe drinking water to our residents and businesses*
- *Complying with applicable legislation and regulations as related to the provision of safe drinking water*
- *Implementing and continually improving the effectiveness of our Quality Management System"*

**CITY OF VAUGHAN**

**EXTRACT FROM COUNCIL MEETING MINUTES OF SEPTEMBER 25, 2012**

Item 27, CW Report No. 33 – Page 3

This report is consistent with the priorities previously set by Council and ties into the following Vaughan Vision 20/20 Goals and Objectives:

Goal: Service Excellence  
Objective: Promote Community Safety, Health & Wellness

Goal: Organizational Excellence  
Objective: Manage Corporate Assets

**Regional Implications**

N/A

**Conclusion**

The 100.00 % Inspection Rating and the 0.00% Risk Rating given by the Ministry of the Environment for the Vaughan and Kleinburg Water Distribution Systems demonstrates to the public that the City is maintaining and operating the water distribution systems in accordance with the legislation, and the quality of water meets or exceeds provincial standards. It is also reflective of staff's dedication to providing "Service Excellence".

**Attachments**

N/A

**Report prepared by:**

Brian T. Anthony, Director of Public Works, Ext 6116

## **COMMITTEE OF THE WHOLE - SEPTEMBER 4, 2012**

### **MINISTRY OF THE ENVIRONMENT AWARDS 100% RATING AFTER THE ANNUAL INSPECTION OF THE VAUGHAN AND KLEINBURG WATER DISTRIBUTION SYSTEMS.**

#### **Recommendation**

The City Manager, the Commissioner of Engineering and Public Works, the Director of Public Works, the Director of Engineering Services and the Director of Development/Transportation Engineering, which for the purposes of the City's Drinking Water Quality Management System are collectively referred to as "Corporate Top Management", recommend:

1. That this report be received for information.

#### **Contribution to Sustainability**

The provision of safe drinking water is key to the sustained economic vitality, health, and well being of the City and its residents.

#### **Economic Impact**

There is no economic impact as a result of the recommendations contained in this report

#### **Communications Plan**

N/A

#### **Purpose**

To advise Council, as "Owners" of the City's drinking water distribution systems, the results of the annual Ministry of the Environment's Annual Inspection of the two water distribution systems.

#### **Background - Analysis and Options**

##### **Inspections of the City's drinking water systems are conducted annually by the Ministry of the Environment**

The Ministry of the Environment has a rigorous and comprehensive inspection program for municipal residential drinking water systems (MRDWS). Its objective is to determine the compliance of the MRDWS with requirements under the Safe Drinking Water Act, and associated regulations.

Each year, the Ministry reviews the City's MRDWS against a number of set criteria. These include, but are not limited to:

- Treatment processes (City booster stations, Forms 1 and 2 for alterations to the system)
- Treatment process monitoring (sampling)
- Back-flow prevention programs
- Disinfection program for repairs to the system
- Flushing program
- Valve exercising program
- Hydrant inspection
- Water loss prevention
- Pressures
- Log books

- Operations manuals
- Emergency planning and testing of back-up generators
- Security
- Consumer relations, water conservation, public notifications
- Operator training and certification
- Water quality monitoring
- Water quality and assessment
- Reporting and corrective actions

In addition to reviewing documentation and the associated reports, the Ministry staff also go out into the field with City staff to conduct water samples and review operations and procedures.

### **Vaughan received a perfect score of 100.00% for both water distribution systems**

After completing an extensive review of documentation and processes, and a 5 day on-site inspection, the Ministry has given the Vaughan Water Distribution System and the Kleinburg Water Distribution System a perfect score of 100.00%, with a 0.00% risk rating.

### **The 100% rating is indicative of “first class” management and operation of the systems**

Since 2007, the City's water systems have been rated as follows:

2007	100% both systems
2008	100% both systems
2009	100% both systems
2010	100% Kleinburg system, 96.75% Vaughan system
2011	100% both systems
2012	100% both systems

The above noted figures are reflective of the quality of management and operation of the systems, and staff's commitment to providing not only “Service excellence”, but also to safe drinking water to the City's residents and businesses.

### **Relationship to Vaughan Vision 2020/Strategic Plan**

The Quality Management System Policy states:

*“As the owners and operators of the City of Vaughan's water distribution systems, we are committed to:*

- *Providing safe drinking water to our residents and businesses*
- *Complying with applicable legislation and regulations as related to the provision of safe drinking water*
- *Implementing and continually improving the effectiveness of our Quality Management System”*

This report is consistent with the priorities previously set by Council and ties into the following Vaughan Vision 20/20 Goals and Objectives:

Goal: Service Excellence  
Objective: Promote Community Safety, Health & Wellness

Goal: Organizational Excellence  
Objective: Manage Corporate Assets

### **Regional Implications**

N/A

### **Conclusion**

The 100.00 % Inspection Rating and the 0.00% Risk Rating given by the Ministry of the Environment for the Vaughan and Kleinburg Water Distribution Systems demonstrates to the public that the City is maintaining and operating the water distribution systems in accordance with the legislation, and the quality of water meets or exceeds provincial standards. It is also reflective of staff's dedication to providing "Service Excellence".

### **Attachments**

N/A

### **Report prepared by:**

Brian T. Anthony, Director of Public Works, Ext 6116

Respectfully submitted,

Clayton D. Harris  
City Manager

Paul Jankowski, P. Eng.  
Commissioner of Engineering & Public Works

Brian T. Anthony, CRS-S, C.Tech  
Director of Public Works

Jack Graziosi, P. Eng.  
Director of Engineering Services

Andrew Pearce, C. E. T.  
Director of Development/Transportation Engineering