



**THE REGIONAL MUNICIPALITY OF PEEL**

**WATER FLUORIDATION COMMITTEE**

**AGENDA**

**WFC - 2/2015**

**DATE:** March 26, 2015

**TIME:** 8:30 AM – 9:30 AM

**LOCATION:** 5th Floor Boardroom  
10 Peel Centre Drive, Suite A  
Brampton, ON

**MEMBERS:** F. Dale; J. Downey; M. Palleschi; C. Parrish; K. Ras; J. Sprovieri

*Chaired by Councillor C. Parrish or Vice-Chair Councillor J. Sprovieri*

1. **DECLARATIONS OF CONFLICTS OF INTEREST**
2. **APPROVAL OF AGENDA**
3. **DELEGATIONS**
4. **REPORTS**
  - 4.1. History of Community Water Fluoridation in Peel 2011-2014 (Oral)  
Presentation by Dr. Eileen de Villa, Acting Medical Officer of Health
  - 4.2. Water Fluoridation Council Workshop Outline (For information)
5. **COMMUNICATIONS**
6. **IN CAMERA MATTERS**
  - 6.1. Proposed List of Experts (Personal matters about an identifiable individual, including municipal or local board employees) (Oral)
7. **OTHER BUSINESS**
8. **NEXT MEETING**

9. ADJOURNMENT

**For Information**


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DATE: March 18, 2015

REPORT TITLE: **WATER FLUORIDATION COUNCIL WORKSHOP OUTLINE**

FROM: Janette Smith, Commissioner of Health Services  
 Eileen de Villa, MD MBA MHSc CCFP FRCPC,  
 Acting Medical Officer of Health

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**OBJECTIVE**

To obtain the Water Fluoridation Committee's feedback regarding the water fluoridation Council workshop based on the proposal outlined in the report of the Commissioner of Health, titled "Water Fluoridation Council Workshop Outline."

**REPORT HIGHLIGHTS**

- The Water Fluoridation Committee (WFC) was requested to organize an educational workshop for Regional Councillors related to the existing body of research regarding the practice of water fluoridation.
- In order to support Council's understanding of water fluoridation, it is recommended that the workshop cover key subject areas such as the details of the water fluoridation practice and process in the Region of Peel as well as the research evidence related to the efficacy and safety of water fluoridation. The WFC's direction regarding specific areas of focus is requested.
- It is proposed that subject-matter experts be invited to present at the workshop to provide a balanced review of the issue.

**DISCUSSION**
**1. Background**

On February 05, 2015, the Water Fluoridation Committee (WFC) approved its Terms of Reference (approved by Regional Council on February 26, 2015) which includes the organization of an educational workshop, open to all Council members, to provide information and review the current body of scientific research on water fluoridation. Staff was directed to provide the WFC with proposed workshop details for consideration.

**2. Workshop Content**

The proposed workshop content is outlined below. Questions and specific issues raised by Committee members will be incorporated into the workshop.

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**WFC WORKSHOP OUTLINE**

Workshop Component	Key Subject Areas
Water Fluoridation History and Context (Proposed to be presented by Regional staff)	Region of Peel specific context: <ul style="list-style-type: none"> <li>• oral health</li> <li>• legal framework</li> <li>• water quality</li> <li>• chemistry of fluoride</li> <li>• fluoridation process</li> <li>• efficacy, reach and costs</li> </ul> Jurisdictional analysis (water fluoridation in Canada)  Key conclusions from ongoing review of evidence related to fluoride as requested by Council in May 2012
Fluoride and the Human Body (Presentations by relevant experts)	Toxicology and dosage Total fluoride intake Intake by sensitive segments of the population (e.g., infants, elderly)
Health Effects (Presentations by relevant experts)	Discussion of health effects will be based on the Committee's direction. Possible areas of focus, based on effects discussed in the literature, include: <ul style="list-style-type: none"> <li>• Bone / Skeletal Effects (skeletal fluorosis, osteosarcoma, hip fractures, etc.)</li> <li>• Cancer Risks (e.g., osteosarcoma)</li> <li>• Cardiovascular</li> <li>• Endocrine Effects (e.g., thyroid gland function)</li> <li>• Immune system</li> <li>• Intellectual Development (IQ) in Children</li> <li>• Neurology (e.g., ADHD, Alzheimer's Disease)</li> <li>• Renal (Kidney) Function</li> </ul>
Dental Effects (Presentations by relevant experts)	Dental benefits Dental decay Dental fluorosis
Synthesis and Summary (Proposed to be presented by Regional staff)	A synthesis and review of the information presented.

**3. Next Steps**

Based on the WFC's input and direction, staff will proceed with preparing the detailed workshop structure and the associated cost breakdown. The proposed workshop structure and costs will be brought to the WFC for review and approval.

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**WFC WORKSHOP OUTLINE**

**FINANCIAL IMPLICATIONS**

Specific costs depend on the workshop content and structure (e.g., venue, duration, availability of video recording, etc.) and participation of specific expert presenters (i.e., travel, accommodation, per diem, etc.). Based on the Committee's direction regarding the workshop content, structure and expert presenters, a more specific cost analysis will be prepared.

**CONCLUSION**

The WFC is organizing an educational workshop for all Regional Councillors on the issue of water fluoridation, including a comprehensive review of the existing scientific research on both sides of the issue. The proposed workshop will support Council's understanding of water fluoridation and allow for a balanced review of the evidence.



Janette Smith, Commissioner of Health Services



Eileen de Villa, MD MBA MHSc CCFP FRCPC  
Acting Medical Officer of Health

**Approved for Submission:**



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For D. Szwarc, Chief Administrative Officer

*For further information regarding this report, please contact Dr. Eileen de Villa, Acting Medical Officer of Health, ext. 2856, eileen.devilla@peelregion.ca.*

*Authored By: Inga Pedra and Paul Sharma*