



# **Halton Region Source Protection Authority Board Meeting**

Conservation Halton  
2596 Britannia Road West, Burlington, ON  
October 31, 2024, 1:00 PM - 4:00 PM EDT

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## Halton Region Source Protection Authority Meeting Minutes

Conservation Halton

April 18, 2024, at 1:30 PM EDT

@ 2596 Britannia Road, Burlington, ON L7P 0G3

### 1. Roll Call & Mileage

Members Present	Sameera Ali Sara Bailey Rob Burton Cathy Duddeck (Vice Chair) Allan Elgar Jane Fogal Chantal Garneau Dave Gittings Gordon Krantz Sue McFadden Marianne Meed Ward Rory Nisan Gerry Smallegange (Chair) Shawna Stolte Kristina Tesser Derksen
Absent	John-Paul Danko Cameron Kroetsch Alex Wilson
Absent with Regrets	Sammy Ijaz Alvin Tedjo
Guests	Jean Williams
Staff Present	Hassaan Basit, President & CEO/Secretary-Treasurer Garner Beckett, Executive Director, Conservation Halton Foundation Adriana Birza, Senior Advisor, Office of the President & CEO Craig Machan, Director, Parks & Operations Kellie McCormack, Director, Planning & Regulations Marnie Piggot, Director, Finance Plezzie Ramirez, Director, Human Resources Barbara Veale, Senior Director, Watershed Management & Climate Change Mark Vytvytskyy, Chief Operating Officer Kim Barrett, Senior Specialist, Research & Sustainability Shelly Datseris, Manager, Communications & Marketing Stephanie Demetriou, Communications Manager Martin Keller, Senior Manager, Watershed Planning & Source Protection Rebecca Munro, Senior Manager, Corporate Services Justin Wei, Senior Manager, Finance Robyn Koutrouliotis, Administrative Assistant, Office of the President & CEO

The Chair called the meeting to order at 1:13 p.m.

## 2. Disclosure of Pecuniary Interest

There were **no disclosures of pecuniary interest.**

## 3. Approval of Agenda

**HRSPA 01 01** Moved by: Cathy Duddeck  
Seconded by: Kristina Tesser Derksen

THAT the Halton Region Source Protection Authority Agenda **be approved as distributed.**

*Carried*

## 4. Consent Items

4.1. Approval of DRAFT November 23, 2023, Halton Region Source Protection Authority Meeting Minutes

## 5. Action Items

5.1. Halton-Hamilton Source Protection Annual Progress Report 2023 (HRSPA 01 24 01)

**HRSPA 01 02** Moved by: Cathy Duddeck  
Seconded by: Kristina Tesser Derksen

THAT the Halton Region Source Protection Authority **approves the submission of the Annual Progress Report 2023 for the Halton-Hamilton Source Protection Plan to the Ministry of the Environment, Conservation and Parks;**

And

THAT the Halton Region Source Protection Authority **receives for information the staff report entitled “Halton-Hamilton Source Protection Annual Progress Report 2023”.**

*Carried*

## 6. Other Business

There was **no other business.**

## 7. Adjournment

**HRSPA 01 03** Moved by: Cathy Duddeck

THAT the Halton Region Source Protection Authority Board Meeting **be adjourned at 1:32 p.m.**

*Carried*

Signed by:

Chandra Sharma, President & CEO/Secretary-Treasurer

Date:

October 31, 2024

DRAFT

**REPORT TO:** Halton Region Source Protection Authority

**REPORT NO: #** HRSPA 02 24 01

**FROM:** Martin Keller, Senior Manager, Watershed Planning & Source Protection

**DATE:** October 31, 2024

**SUBJECT:** Source Protection Program Update

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## Recommendation

THAT the Halton Region Source Protection Authority **receives for information the staff report entitled “Source Protection Program Update”**.

## Executive Summary

Staff have successfully negotiated a three (3) year funding agreement with the Ministry of the Environment, Conservation and Parks (MECP) covering the period from April 1, 2024, to March 31, 2027, with a budget of \$1,015,476 over three (3) years. A work plan is being developed for the next three (3) years. Technical work is ongoing and on track to meet deliverables under the funding agreement. Work includes addressing changes to Ministry Technical Rules, updating the Intake Protection Zone 2 for the City of Hamilton’s Woodward Drinking Water System, and completing a Climate Change Vulnerability Assessment for all ten (10) drinking water systems in the Halton-Hamilton Source Protection Region (HHSPR). In September, the Source Protection Committee (SPC) members engaged with grade 3 students at the Halton Children’s Water Festival and operated a model that shows how aquifers work and how they can become contaminated.

## Report

### *Financial*

The HHSPR drinking water source protection program is funded by the Province of Ontario. Staff has successfully negotiated a three (3)-year funding agreement with the MECP covering the period from April 1, 2024, to March 31, 2027, with a budget of \$1,015,476 over three (3) years. The program is implemented and administered by Conservation Halton (CH) staff.

### *Technical Work*

In 2021, MECP revised the Technical Rules that govern the identification of drinking water threats. With direction from the Halton-Hamilton Source Protection Committee (HHSPC), and in collaboration with the Halton-Hamilton Municipal Working Group, staff is addressing these Technical Rules changes. Any necessary Source Protection Plan policy revisions are expected to be completed by the end of 2024. The Source Protection Plan will be formally revised through a future Section 34 plan update under the *Clean Water Act*, in conjunction with other updates.

Technical studies currently in progress include updates to the Intake Protection Zone 2 (IPZ-2) for the City of Hamilton’s Woodward Drinking Water System (DWS). Updates in this case are based on new and up-to-date flow velocity data available for Stoney Creek and Battlefield Creek, and the Stoney Creek numbered watercourses, as a result of floodplain mapping studies undertaken by Hamilton Conservation Authority (HCA).

Staff works collaboratively with the City of Hamilton and Halton Region to consider Source Protection Plan revisions that may be necessary because of DWS infrastructure changes, such as the City’s Greenville DWS (currently undergoing a municipal class environmental assessment process).

Staff recently completed a Climate Change Vulnerability Assessment for all ten (10) DWS in the HHSPR, using a tool developed by Conservation Ontario and Provincial staff, to assess water quality impacts as they relate to climate change. Recommendations are being finalized to address and mitigate these impacts, and a final report is expected to be presented to the SPC in December 2024.

### Work Planning

Staff is developing a detailed work plan for the tasks and projects outlined in the 2024-2027 funding agreement with MECP. Figure 1 shows a high-level timeline of the work and tasks to be completed over the next three (3) years.

Figure 1: Work Plan by Quarter for the Duration of the Three-Year Transfer Payment Agreement

2024-2027 Work Planning Task	2024			2025				2026				2027
	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
Climate Change Vulnerability Assessment	■	■	■									
Woodward IPZ-2 Re-delineation		■	■									
Impervious Surface Calculation			■	■								
Annual Reporting 2024				■	■							
Section 34 – Early Engagement				■	■							
Section 34 – Pre-Consultation						■	■					
Section 34 – Public Consultation								■				
Annual Report 2025								■				
Land Cover Work Flow							■	■	■	■		
Water Quality Evaluation						■	■	■	■			
Carlisle Tier 2 Re-Assessment						■	■	■	■	■	■	
Significant Groundwater Recharge Areas (SGRA) Update				■	■	■	■					
Annual Reporting 2026												■

### *Outreach and Engagement*

In September 2024, SPC members engaged with grade 3 students at the Halton Children’s Water Festival. SPC members have attended this event for the last two (2) years and operate the Amazing Aquifer tent, demonstrating how aquifers work and how they can become contaminated.

### **Impact on Strategic Priorities**

This report supports the Momentum priority of “Natural Hazards and Water” by fostering partnerships and identifying opportunities to build mutual understanding, trust, respect, and support with watershed stakeholders, and by leading the Halton-Hamilton source water protection program.

### **Financial Impact**

There is no financial impact to this report.

Signed & respectfully submitted:



Martin Keller  
Senior Manager, Watershed Planning & Source Protection

Approved for circulation:



Chandra Sharma  
President & CEO/Secretary-Treasurer

### **FOR QUESTIONS ON CONTENT:**

Martin Keller, Senior Manager, Watershed Planning &  
Source Protection  
mkeller@hrca.on.ca, 905-336-1158 x 2260

**REPORT TO:** Halton Region Source Protection Authority

**REPORT NO: #** HRSPA 02 24 02

**FROM:** Martin Keller, Senior Manager, Watershed Planning & Source Protection

**DATE:** October 31, 2024

**SUBJECT:** Halton-Hamilton Source Protection Committee Appointment

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### Recommendation

THAT the Halton Region Source Protection Authority **approves the appointment of Gavin Smuk as the Economic/Agricultural Sector Representative of the Halton-Hamilton Source Protection Committee for a five (5)-year term expiring October 2029;**

And

THAT the Halton Region Source Protection Authority **approves the appointment of Carla Coveart as the General Public Representative of the Halton-Hamilton Source Protection Committee for a five (5)-year term expiring October 2029.**

### Report

#### *Background*

In accordance with *Ontario Regulation 288/07* (O. Reg. 288/07) under the *Clean Water Act, 2006* (the Act), the multi-stakeholder Halton-Hamilton Source Protection Committee (HHSPC) includes nine (9) members and a Committee Chair, with three (3) members representing municipal interests, three (3) members representing economic and agricultural interests, and three (3) members representing public and environmental interests.

Under the Act, it is the responsibility of the lead source protection authority in a source protection region to appoint the members of the source protection committee. The Halton Region Source Protection Authority (HRSPA) is the lead authority in the Halton-Hamilton Source Protection Region (HHSPR). The source protection committee Chair is appointed by the Minister of the Environment, Conservation and Parks (MECP).

The term of appointment for Gavin Smuk as the Economic/Agricultural Sector Representative and Carla Coveart as the General Public Representative on the HHSPC expired in September 2024.

#### *Confirmation of Nominations to the Source Protection Committee*

On August 6, 2024, staff advertised both vacancies on the HHSPR website, as required by O. Reg. 288/07. The notice ran for one (1) month and closed September 6, 2024.



Applications were received from incumbents Gavin Smuk and Carla Coveart, and a recommendation for nomination was made to the Halton-Hamilton Source Protection Management Committee on October 1, 2024. The Management Committee supported the nomination of Gavin Smuk as Economic/Agricultural Representative and Carla Coveart as General Public Representative to the HHSPC for a five (5)-year term expiring October 2029. Gavin Smuk is the longest-serving member of the Committee, established in 2007, and Carla Coveart joined the Committee in 2019. Both are engaged Committee members.

### Impact on Strategic Priorities

This report supports the Momentum priority of “Natural Hazards and Water” by fostering partnerships and identifying opportunities to build mutual understanding, trust, respect, and support with watershed stakeholders, and by leading the Halton-Hamilton source water protection program through a comprehensive review and update of drinking water science and source protection plan policies.

### Financial Impact

There is no financial impact to this report.

Signed & respectfully submitted:



Martin Keller  
Senior Manager, Watershed Planning & Source Protection

Approved for circulation:



Chandra Sharma  
President & CEO/Secretary-Treasurer

### FOR QUESTIONS ON CONTENT:

Martin Keller, Senior Manager, Watershed Planning &  
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