



Notice of Meeting

Hamilton Region Source Protection Authority

Thursday, November 7, 2024

6:00 p.m.

Hamilton Conservation Authority is now conducting meetings in a hybrid format via an in-person and WebEx platform.

All hybrid meetings can be viewed live on HCA's You Tube Channel:
<https://www.youtube.com/user/HamiltonConservation>

1. Call to Order – Brad Clark
2. Declarations of Conflict of Interest
3. Approval of Agenda
4. Approval of Minutes of Previous Meeting (April 4, 2024) Page 1
5. Business Arising from the Minutes
6. Staff Reports/Memorandums
Items to be received
 - 6.1. Halton-Hamilton Source Protection Program Update – Martin Keller Page 5
7. In-Camera Items
8. Next Meeting – To be determined
9. Adjournment

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Hamilton Region Source Protection Authority

Minutes

Board of Directors Meeting

April 4, 2024

Minutes of the Board of Directors meeting held on Thursday, April 4, 2024 at 6:00 p.m., at the HCA main office, 838 Mineral Springs Road, in Ancaster, and livestreamed on YouTube

PRESENT:

Brad Clark – in the Chair	
Jeff Beattie - Virtual	Craig Cassar
Lisa DiCesare	Susan Fielding
Matt Francis - Virtual	Brian McHattie
Mike Spadafora - Virtual ?	Wayne Terryberry
Alex Wilson - Virtual	Maureen Wilson

Jennifer Stebbing – Foundation Chair - Virtual

REGRETS: **Mike Spadafora?**

STAFF PRESENT: **Jonathan Bastien, Lisa Burnside, Grace Correia, Gord Costie, Marlene Ferreira, Scott Fleming, Matt Hall, Colin Oaks, Scott Peck, Mike Stone, Jaime Tellier, and Sandra Winninger**

OTHERS: **Martin Keller**

1. Call to Order

The Chair called the meeting to order and welcomed everyone present. Martin Keller was introduced to the group.

The Land Acknowledgement was read.

2. Declarations of Conflict of Interest

There were none.

3. Approval of the Agenda

The Chair requested any additions or deletions to the agenda. There were none.

SP 22401 **MOVED BY: Wayne Terryberry**
 SECONDED BY: Brian McHattie

THAT the agenda be approved.

CARRIED

4. Minutes of the Previous Meeting (May 4, 2023)

SP 2402 **MOVED BY: Susan Fielding**
 SECONDED BY: Lisa DiCesare

THAT the minutes of the Hamilton Region Source Protection Authority meeting held on May 4, 2024, be adopted as circulated.

CARRIED

5. Business Arising from the Minutes

There was none.

6. Staff Reports/Memorandums

6.1. Halton-Hamilton Source Protection Program Update

Martin Keller, Senior Manager of Watershed Planning and Source Protection from Halton Conservation Authority provided an overview of the Source Water Protection Program and answered members questions.

SP 2403 **MOVED BY: Wayne Terryberry**
 SECONDED BY: Craig Cassar

THAT the memorandum entitled Halton-Hamilton Source Protection Program Update be received.

CARRIED

6.2. Halton Hamilton Source Protection Region Annual Progress Report 2023

Martin Keller provided a summary of the report indicating that the approved report will be published on the Source Protection Website. Members questions regarding the report and procedures within the Source Protection process.

SP 2404

**MOVED BY: Craig Cassar
SECONDED BY: Wayne Terryberry**

**THAT the report entitled Halton-Hamilton Source Protection
Annual Progress Report 2023 be approved.**

CARRIED

7. In-Camera Items

There were no in-camera items.

8. Next Meeting

Next meeting – to be determined.

9. Adjournment

On a motion, the meeting adjourned.

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Memorandum

TO: Hamilton Region Source Protection Authority Board

FROM: Lisa Burnside, Chief Administrative Officer (CAO)

RECOMMENDED BY: T. Scott Peck, MCIP, RPP, Deputy CAO/Director, Watershed Planning and Engineering

PREPARED BY: Martin Keller, Senior Manager, Watershed Planning and Source Protection, Conservation Halton

MEETING DATE: November 7, 2024

RE: Halton-Hamilton Source Protection Program Update

EXECUTIVE SUMMARY

Staff have successfully negotiated a three-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 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 drinking water systems in the Halton Hamilton Source Protection Region. The term of appointment for Gavin Smuk as the economic/agricultural sector representative and Carla Coveart as the general public representative on the Halton-Hamilton Source Protection Committee expired in September 2024. A report recommending the re-appointment of Gavin Smuk and Carla Coveart to the Halton Hamilton Source Protection Committee will be presented to the Halton Region Source Protection Authority on October 31, 2024. In September, Source Protection Committee members engaged with grade 3 students at Halton Region's Children's Water Festival.

REPORT

Financial

The drinking water source protection program in the Halton Hamilton Source Protection Region is funded by the province. Staff have successfully negotiated a three-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. The program is implemented and administered by Conservation Halton 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, 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 this year. The Source Protection Plan will be formally revised through a future plan update under Section 34 of 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 the Hamilton CA.

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

Staff recently completed a Climate Change Vulnerability Assessment for all ten DWS in the Halton Hamilton Source Protection Region, using a tool developed by Conservation Ontario and provincial staff, to assess water quality impacts as a result of climate change. Recommendations are being finalized to address and mitigate these impacts, and a final report is expected to be presented to the Source Protection Committee in December 2024.

Work Planning

Staff are 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 years.

Work Planning	2024			2025				2026				2027
Task	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				■	■							
S.34 – Early Engagement				■	■							
S.34 – Pre-Consultation						■	■					
S.34 – Public Consultation								■				
Annual Reporting 2025								■				
Land Cover Workflow							■	■	■	■		
Water Quality Evaluation						■	■	■	■			
Carlisle Tier 2 Water Budget Re-Assessment						■	■	■	■	■	■	
Significant Groundwater Recharge Area Update				■	■	■	■					
Annual Reporting 2026												■

Figure 1: Work plan by quarter for the duration of the three-year Transfer Payment Agreement

Member Appointment

The term of appointment for Gavin Smuk as the economic/agricultural sector representative and Carla Coveart as the general public representative on the Halton-Hamilton Source Protection Committee expired in September 2024.

On August 6, 2024 staff posted an advertisement for both vacancies on the Halton-Hamilton Source Protection Region website, as required by regulation. The ad ran for one month and closed on September 6, 2024.

Applications were received from both 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. No other applications have been received. Management Committee supported the nomination of Gavin Smuk as economic/agricultural representative and Carla Coveart as general public representative to the Halton-Hamilton Source Protection Committee for a five-year term expiring in October 2029. A report recommending the re-appointment of Gavin Smuk and Carla Coveart to the Halton Hamilton Source Protection Committee will be presented to the

Halton Region Source Protection Authority on October 31, 2024. As per Ontario Regulation 288/07, it is the responsibility of the Halton Region Source Protection Authority as the lead source protection authority of the Halton Hamilton Source Protection Region to appoint members of the Halton Hamilton Source Protection Committee.

Outreach and Engagement

In September, Source Protection Committee members engaged with grade 3 students at Halton Region's Children's Water Festival. SPC members have attended this event for the last two years and operate the Amazing Aquifer tent, demonstrating how aquifers work and how they can become contaminated.

STRATEGIC PLAN LINKAGE

The initiative refers directly to the HCA Strategic Plan 2019 - 2023:

- **Strategic Priority Area – Water Management**
 - Initiatives – Invest in programs to address the impacts of nutrient and sediment loading on watershed stream, creeks, rivers and receiving water bodies.

AGENCY COMMENTS

Not applicable

LEGAL/FINANCIAL IMPLICATIONS

Not applicable

CONCLUSIONS

The Halton Hamilton Source Protection Committee and drinking water source protection staff are continuing to implement the Halton-Hamilton Source Protection Plan, updating technical components, developing revised policies where warranted, and promoting and building awareness of the program to protect municipal drinking water sources.

ATTACHMENTS

Not applicable