

Halton-Hamilton Source Protection Committee (SPC) Meeting June 7, 2022

Agenda Item #5: Business Arising/Action Items follow up from the SPC Meeting held on March 15, 2022

No.	Action Item from SPC meeting	Follow up by Halton-Hamilton Source Protection Region
1.	Chitra Gowda will present the Ausable Bayfield Maitland Valley - Seaforth groundwater pilot study at the March meeting. She will find out vulnerability assessment results of newer pilot studies from Conservation Ontario.	<p>Completed at the June 2022 SPC meeting. Information from Conservation Ontario is provided below. Final assessments information will be provided at the September SPC meeting.</p> <p>Municipally led studies:</p> <ul style="list-style-type: none"> • City of Belleville (in progress) • The municipalities of London, Lambton Shores, North Middlesex, South Huron, Bluewater, Middlesex Centre, Lucan-Biddulph and Strathroy-Caradoc-Lake Huron Primary Water Supply System (in progress) • The municipalities of St. Thomas, London, Aylmer, Bayham, Central Elgin, Malahide, Southwold, and Dutton Dunwich- Elgin Area Water Systems- (completed). <p>Pilot studies completed:</p> <ul style="list-style-type: none"> • Halton Region’s Burlington water intakes: Conservation Halton, Hamilton Conservation Authority, Regional Municipality of Halton. • Seaforth Well Supply System: University of Guelph, Ausable Bayfield Conservation Authority, Maitland Valley Conservation Authority, Municipality of Huron East. • City of Timmins River Intake: Mattagami Region Conservation Authority, City of Timmins.

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		<ul style="list-style-type: none"> • Town of Carleton Place River Intake: Mississippi Valley Conservation Authority, Rideau Valley Conservation Authority, Town of Carleton Place. Climate data and trends only* <ul style="list-style-type: none"> • Orangeville • Shelburne *Completed by the Nottawasaga Conservation Authority
2.	HHSPR staff will provide materials to Dr. Taylor that are customized to the HHSPR. For the 3 specific sites in the HHSPR, plain language messaging can be developed.	In progress and anticipated to be complete for the September 2022 SPC meeting.
3.	Chair Bob Edmondson had noted an article in the Hamilton Spectator about increasing temperatures in Lake Ontario and the need to increase the chlorine levels in the water intakes. He asked Hamilton and Halton if this has been going on for years. Dan Banks and Carmen Vega will follow up with their water treatment colleagues and report back to the committee.	Dan Banks indicated that the data suggests that there has not been an increasing trend in water temperatures at the Burlington intake, over the past several years. See Figure 1 below. Follow up from Carmen Vega anticipated at the September 2022 SPC meeting.
4.	Chitra Gowda to discuss with MECP and the other program managers if they will be undertaking a similar approach in areas where livestock densities are generally lower than assumed in the MECP guidance to estimate livestock density. Scott Stewart suggested reaching out to Stats Canada as they collect survey data about the number of animals on each farm.	This work is being carried out by HHSPR as part of the 2022-24 program. See SPC Business Report #22-06-02: "Technical Rules 2021" for information collected thus far from other program managers.
5.	Chitra Gowda will review the updated Technical Rules guidance document when MECP releases it. She will follow up with the SPC by email on the removal of the	See SPC Business Report #22-06-02: "Technical Rules 2021" for implication analysis carried out thus far under the 2022-24 workplan.

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	list of chemicals of concern in MECP's anticipated excel tables of threats.	
6.	<p>a) Beth will find out if the intent of removing the list of chemicals of concern was to broaden the chemicals associated with a threat activity.</p> <p>b) Beth will follow up to see if the MECP chemical hazard ratings can be shared with HHSR.</p>	To be provided at the June 2022 SPC meeting.
7.	Chitra will follow up with other program managers across Ontario to discuss approaches for policy options based on hazard rating or general policies for any chemical associated with a threat activity	Completed and none known. Typically one policy approach would apply to chemicals of concern listed in the 2017 Technical Rules for specific threat activities; rather than separate policy tools based on hazard rating of each chemical.
8.	Policy T-52 helps address spills from wastewater treatment plant failure. Beth Forrest advised that it is an onerous process to get details on the environmental compliance approvals (ECAs) that were amended based on source protection plans. She will follow up to see if MECP can provide the ECA changes details. She will also follow up to see if relevant terms and conditions in ECAs can be released externally.	To be provided at the June 2022 SPC meeting.
9.	Policy O-6-S helps address spills control around the intake near Hamilton Harbour. Beth will follow up and advise who the relevant body would be if not MECP.	To be provided at the June 2022 SPC meeting.

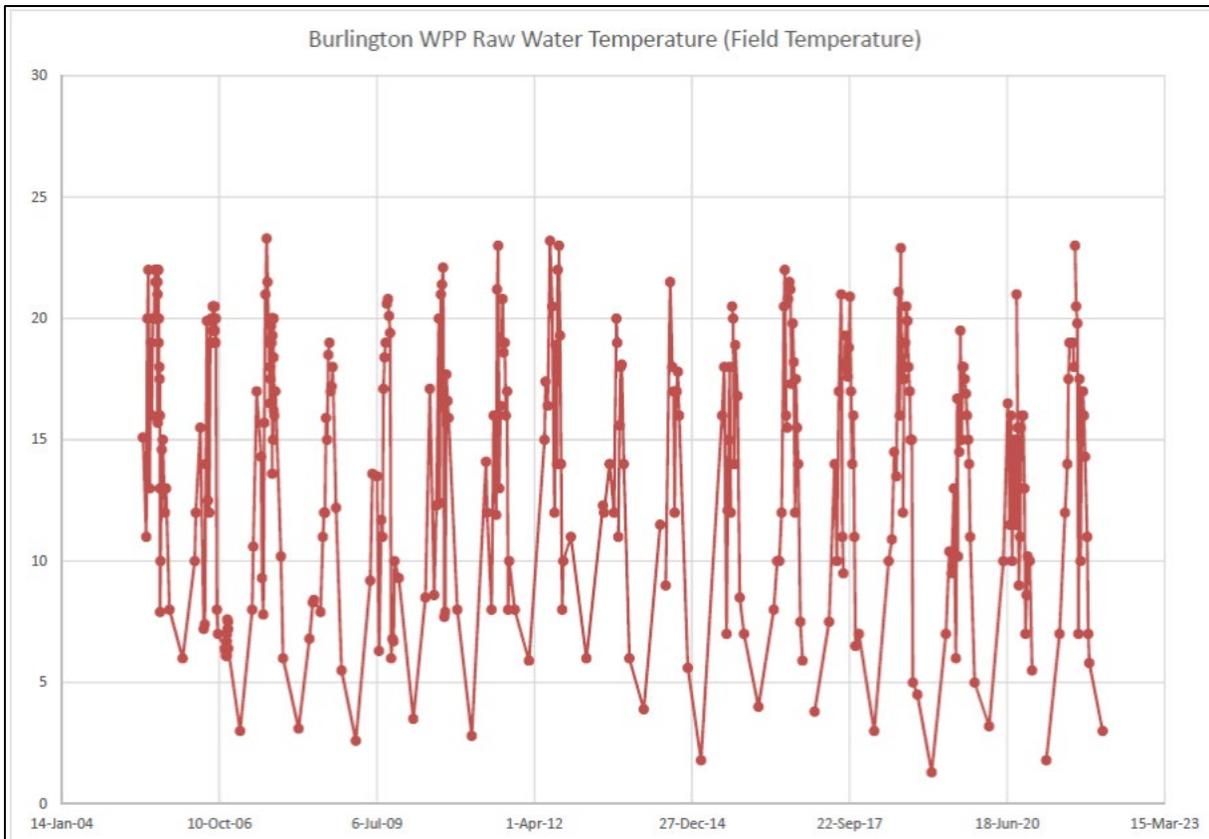


Figure 1: Burlington Intake Raw Water Temperatures 2004 to 2023 (source: Regional Municipality of Halton)