

Saugeen Valley Source Protection Authority

Agenda

(Meeting #37)

Thursday, February 15, 2024, 3:00 p.m.

(following SVCA Authority meeting)

Call to Order

1. Adoption of Agenda
2. Declaration of Conflict of Interest
3. Adoption of Minutes of March 16, 2023 meeting
4. Matters Arising from the Minutes
5. Correspondence
 - 2023 Risk Management Annual Reporting
6. Reports
 - Report 6a - Program Report
7. New Business
 - Report 7a – Minto Pines New Well Notice
8. Other Business
9. Confirmation of Next Meeting and Adjournment



Saugeen Valley Source Protection Authority

Minutes

Meeting #36

Date: Thursday, March 16, 2023, 3:00 p.m.

Location: Administration Office, Formosa, ON

Chair: Barbara Dobreen

Members present: Paul Allen, Larry Allison, Kevin Eccles, Tom Hutchinson, Steve McCabe, Greg McLean, Dave Myette, Mike Niesen, Sue Paterson, Moiken Penner, Jennifer Prenger, Bill Stewart, Peter Whitten

Members absent: Bud Halpin

Staff present: Jennifer Stephens, Janice Hagan

The meeting was called to order at 2:45 p.m.

1. Adoption of agenda

Motion #SVSPA-23-01

Moved by Moiken Penner

Seconded by Bill Stewart

THAT the agenda be adopted as distributed.

Carried

2. Declaration of conflict of interest

No person declared a conflict of interest relative to any item on the agenda.

3. Adoption of minutes

Motion #SVSPA-23-02

Moved by Tom Hutchinson

Seconded by Steve McCabe

THAT the minutes of the October 22, 2022, Source Protection Authority meeting be adopted as distributed.

Carried

4. Matters arising from the minutes

There were no matters arising from the Minutes.

5. Reports

a. Program Report

Jennifer Stephens announced that Carl Kuhnke has been appointed as the new Chair of the Saugeen, Grey Sauble, Northern Bruce Peninsula Source Protection Committee. As well, Harley Greenfield has been newly appointed to the Source Protection Committee (SPC) as the Municipal Group 4 representative.

6. New business

a. Annual Progress Report - 2022

Jennifer presented the 2022 Annual Progress Report which highlights the progress of Source Protection Plan implementation, results of monitoring programs, risk management activities and CA reporting requirements. The Annual Progress Report is to be submitted to the Ministry of the Environment, Conservation and Parks by May 1, 2023. After discussion, the following motion carried:

Motion #SVSPA-23-03

Moved by Bill Stewart

Seconded by Gregory McLean

THAT the Saugeen Valley Source Protection Authority directs staff to provide the Source Protection Annual Progress Report – 2022, along with any comments to the Ministry of the Environment Conservation and Parks by May 1, 2023.

Carried

7. Other business

There was no other business.

8. Confirmation of next meeting and adjournment

The next meeting is to be scheduled as required.

There being no further business, the meeting adjourned at 3:12 p.m. on motion of Paul Allen and Peter Whitten.

[Original signed by:]

Barbara Dobreen
Chair

[Original signed by:]

Janice Hagan
Recording Secretary

Risk Management Office

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January 31, 2024

Ms. Barbara Dobreen, Chair
Saugeen Valley Source Protection Authority
PO Box 150, Formosa ON N0G 1W0

Mr. Erik Downing, Acting General Manager/Secretary - Treasurer
Saugeen Valley Conservation
PO Box 150, Formosa ON N0G 1W0

Dear Ms. Dobreen and Mr. Downing:

Re: 2023 Risk Management Annual Reporting

Under Section 81 of the *Clean Water Act* and Section 65 of O.Reg. 287/07, the Risk Management Official (RMO) for each municipality must submit an Annual Report to the appropriate Source Protection Authority (SPA) by February 1st of each year. Once all RMO reports have been received and consolidated, a summary report will be presented to the Saugeen Valley Source Protection Authority at an upcoming meeting on March 21, 2024. Also, the Source Protection Committee for the Saugeen, Grey Sauble, Northern Bruce Peninsula Source Protection Region will review Annual Reporting documents at its upcoming meeting on March 22, 2024.

Attached please find the completed Risk Management Official Annual Reports for the municipalities where Grey Sauble Conservation has been designated as Risk Management Official or Risk Management Inspector (RMI). Table 1 below provides a summary of RMO/RMI activities completed in 2023. Please note that all required Risk Management Plans have been completed for municipalities within the 5-year implementation timeline under the local Source Protection Plan.

Staff continue to update records in the Property Tracking System (risk management database) on behalf of participating municipalities to meet long term data management requirements. Overall, in 2023 risk management staff renewed 27 and negotiated 6 new Risk Management Plans, 39 Land Use Screenings, and completed 9 inspections in the Saugeen Valley Source Protection Area.

Table 1: Summary from January 2023 – December 2023

Municipality (Saugeen Valley SPA)	Risk Management Plans (Renewed)	Risk Management Plans (New)	Sec. 62 Inspections	Sec. 59 Notices
Arran Elderslie (Chesley)	0	0	0	0
Brockton	12	2	4	4
Grey Highlands (Markdale)	2	0	2	2
Kincardine	3	2	2	13
Saugeen Shores	1	0	0	16
South Bruce	4	1	0	3
West Grey	5	1	1	1
TOTAL	27	6	9	39

*Numbers as of December 31, 2023

If you have any questions or concerns regarding the attached materials, please feel free to contact me directly.

Respectfully submitted,



Carl Seider, Risk Management Official

TO: Chair and Directors, Saugeen Valley Source Protection Authority

FROM: Carl Seider, Project Manager, Drinking Water Source Protection

DATE: February 15, 2024

SUBJECT: Program Report

PURPOSE: To provide an update on the Drinking Water Source Protection Program

REPORT #6a

RECOMMENDATION

THAT the Saugeen Valley Source Protection Authority (SPA) receives Program Report 6a for information.

BACKGROUND

Source Protection Committee Representative Appointment

A Notice was issued on September 13, 2023 for the replacement of the Municipal Group 2 Representative on the Source Protection Committee (SPC) currently held by Mitch Twolan. Mitch has been a member of the Committee since its inception in 2007 and has been a strong supporter of the program both within the Region and more broadly as Chairman of the Great Lakes St. Lawrence Cities Initiative. Mitch has expressed that he is not planning to reapply for the position, and that he thoroughly enjoyed his time on the Committee over the years. A sincere thanks is warranted for all his years of dedication to the program.

Drinking Water Source Protection (DWSP) Staff worked with Group 2 municipalities (Huron-Kinloss, Kincardine, Saugeen Shores, South Bruce, Howick and Morris-Turnberry) to obtain a list of possible candidates. Upon review by the local Source Protection Management Committee on January 17th, 2024, the Deputy Mayor for Huron-Kinloss, Deputy Mayor James (Jim) Hanna, was recommended for appointment.

Deputy Mayor Hanna has been on the Huron-Kinloss Council since 1999 and is a lifelong resident of Huron-Kinloss. He was raised on a century farm which his family still owns and operates today in the former Kinloss Township,. He's been a Professional Engineer for 41 years

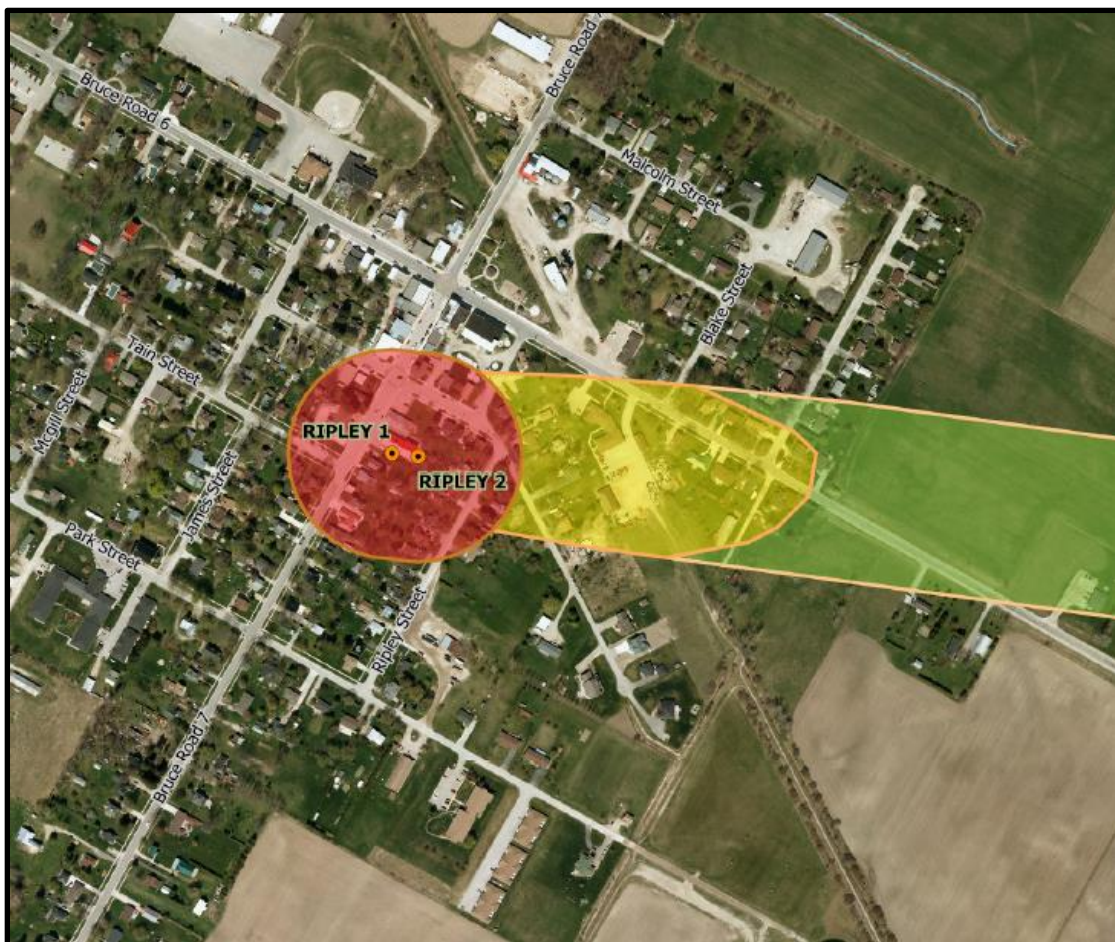
and has worked in the steel manufacturing and nuclear power industry for 43 years. He has also served on the Saugeen Valley Conservation Authority board for two terms and served on Fire, Medical and Recreation boards for two decades.

Appointments of representatives to the Source Protection Committee, as specified under the *Clean Water Act*, are for a maximum term of five years.

Well Updates

Ripley Well #1: Based on the findings of the video inspections and over a year's worth of clear sample results for Ripley Well 3 and Well 4, Township of Huron-Kinloss staff are planning to abandon Ripley Well 1 and operate the Ripley system on the remaining drinking water wells. The well abandonment will likely take place later this fall.

Once abandoned, GIS staff will make necessary revisions to the WHPA-A delineation area, given the proximity of Well 1 and 2. See map below:



Proposed Changes to Permit to Take Water Applications

Ontario is proposing changes to streamline permissions for temporary water-taking activities. These changes include removing the current volumetric water taking limit of 400,000 litres of groundwater per day with regards to taking groundwater in relation to one or more de-watered work areas within a construction site. This would allow someone to self-register on the Environmental Activity and Sector Registry (EASR) for the taking of any quantity of groundwater or stormwater from a de-watered work area(s) at a construction site if all other current eligibility requirements are met. The existing exemption from a permission for water-taking of 50,000 litres per day or less remains in place.

A qualified person will still be required to:

- prepare technical assessments, including a contingency plan that outlines measures to be implemented should there be any unacceptable impacts to the quality or quantity of water
- assess whether a monitoring plan is required in order to monitor the potential impacts of the discharge.

Impacts from this change within our Source Protection Region are anticipated to be negligible, as there is currently only a very small area where water quantity threats apply around the Lake Rosalind drinking water system.

Prepared By:

A handwritten signature in black ink, appearing to read 'Carl Seider', with a stylized, looping flourish at the end.

Carl Seider
Project Manager
Drinking Water Source Protection

TO: Chair and Directors, Saugeen Valley Source Protection Authority

FROM: Carl Seider, Project Manager

DATE: February 15, 2024

SUBJECT: Minto Pines – New Well Notice

REPORT #7a

RECOMMENDATION

THAT the Saugeen Valley Source Protection Authority (SPA) receives Report 7a for information;

AND FURTHER THAT the Saugeen Valley SPA directs staff to issue a Notice (pursuant to section 48(1.1)(b) of Ontario Regulation 287/07) to the Town of Minto stating that the SPA is satisfied that the technical work has been completed for the purposes of identifying amendments to the Source Protection Plan for the new Minto Pines well 1A.

BACKGROUND

The *Safe Drinking Water Act, 2002* and the *Clean Water Act, 2006* were amended to ensure that drinking water source protection planning is incorporated at an early stage in the municipal residential drinking water supply process.

These regulatory amendments require that system owners ensure that work to assess the vulnerability of a new or expanding drinking water system is completed and accepted by the local Source Protection Authority (SPA) before the owner can apply for a drinking water works permit/license, and that the water not be provided to the public until the updated source protection plan that protects the system is approved. The SPA must provide a notice to the drinking water system owner stating that the SPA is satisfied that the technical work has been completed for the purposes of identifying amendments to the source protection plan that are anticipated to be necessary and the timing to submit any proposed amendments to the Ministry of the Environment, Conservation and Parks (MECP).

Minto Pines is a 35-lot residential subdivision located in parts of Lots 8 and 9 on Concession 14 just south of Hwy. 89 approximately 10 km west of Mount Forest.

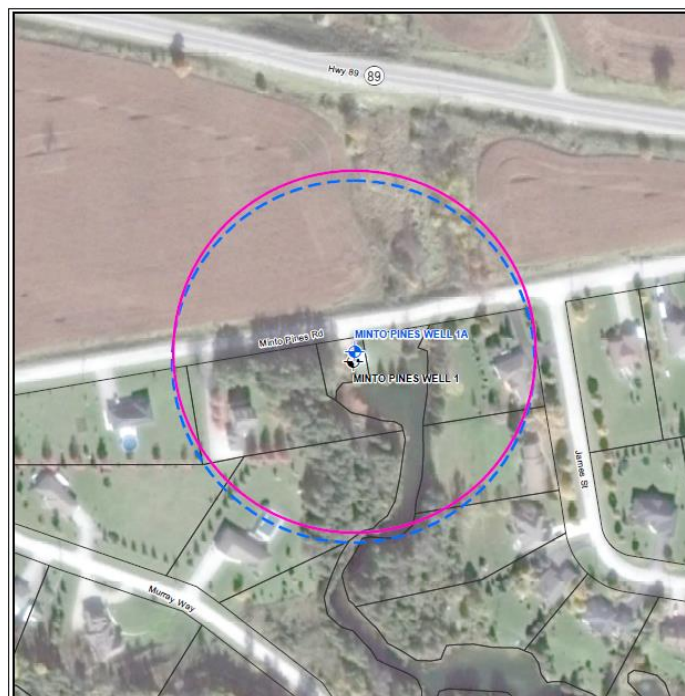
Minto Pines Well 1A Technical Work

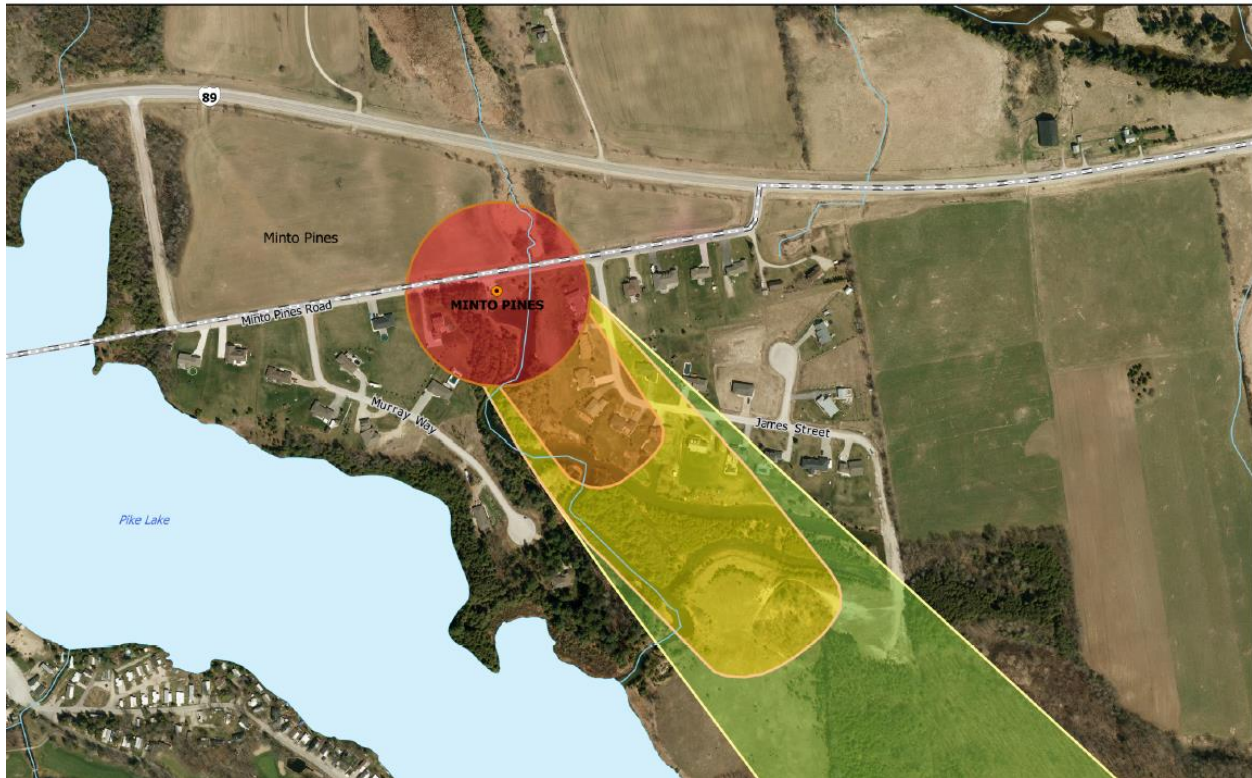
As part of the planned Section 34 amendments to the Saugeen Grey Sauble Northern Bruce Peninsula Source Protection Plan, Staff has been working with the Town of Minto and consultants to complete updated modelling work for the proposed new well at Minto Pines. Modelling data from the original studies were provided and compared with updated groundwater information, along with planned pumping rates for the new well to help determine the new Wellhead Protection Areas (WHPA). As required under O. Reg. 205/18 of the *Safe Drinking Water Act, 2002*, a Notice needs to be issued by the local Source Protection Authority (SPA) before the owner can apply for a drinking water works permit/license, and the water cannot be provided to the public until the updated source protection plan is approved.

Below is a map with the location of the new well site and WHPA-A in comparison to the existing Well #1. The replacement well, Minto Pines Well 1A, was constructed in April 2023 and was completed in the same aquifer as Minto Pines Well 1 at a maximum depth of 38.1 metres (compared to 41.5 metres for Well 1). Well 1A is located 6 metres north of Well 1, which necessitated an adjustment to the Wellhead Protection Area (WHPA) A.

Staff reviewed the consulting report produced by Burnside on October 4, 2023. This report reviewed the current wellhead protection areas B through D and concluded that they provide adequate protection for the replacement well 1A and therefore WHPA B to D will remain the same. Staff also reviewed the results of the pumping tests for Well 1A, whereby water level monitoring showed that Well 1 responded instantaneously when Well 1A began pumping. Water samples collected from both wells indicated that the water source was essentially the same.

Below is a map of the existing WHPA for Minto Pines, which will be amended to incorporate the adjustment to the new WHPA-A delineation area.





Threats Assessment

Based on the threats assessment work conducted by Wellington Source Water Protection, it is also noted that the adjustment to the WHPA-A delineation does not result in any additional significant drinking water threats than those already enumerated in the approved Source Protection Plan. Furthermore, there are no new properties affected as a result of the shift in the WHPA-A area (the same nine properties remain in the WHPA-A).

Based on these results, Staff determined that amendments to the Source Protection Plan could be completed as part of the scheduled amendments being made under Section 34 of the *Clean Water Act, 2006*.

The Source Protection Plan policies affecting the WHPA-A & B include:

Policy 02-04 – Maintenance Inspection Program

As per the Building Code (Ontario Regulation 332/12 under the *Building Code Act*), the local principal authority shall implement a mandatory on-site sewage maintenance inspection program within their areas of jurisdiction; and

Policy 02-05 – Sewer Requirement for New Lots; whereby 'New lots created either through severance or subdivision under the *Planning Act* shall only be permitted by the planning approval

authority where the lots will be serviced by a municipal sewage system or where an on-site septic system could be located outside of a vulnerable area with a vulnerability score of 10'.

Other Source Protection Policies that apply within the WHPA-A area include prohibition policies for farm related activities, such as the application and storage of nutrients/pesticides.

Approved By:

A handwritten signature in black ink, appearing to read 'Carl Seider', with a large, sweeping initial 'C'.

Carl Seider
Project Manager
Drinking Water Source Protection