



Raisin Region Conservation Authority

Source Protection Authority Meeting Agenda

April 18, 2024

3:00 p.m.

RRCA Administration Office – 18045 County Rd. 2, Cornwall, ON

-
1. Call to Order
 2. Chair's Remarks
 3. Approval of Agenda
 4. Declaration of Conflict of Interest
 5. Approval of Minutes
 - a) Source Protection Authority Minutes of February 15, 2024 1-2
 6. New Business
 - a) 2023 Risk Management Official Annual Report Summary (Phil) 3-4
 - b) 2023 Annual Implementation Progress Report to MECP (Jason) 5-16
 - c) Raisin-South Nation Source Protection Region Section 36 Status Update (Jason) 17
 7. Date of Next SPA Meeting: TBD
 8. Adjournment

A handwritten signature in black ink, appearing to be 'R. Pilon'.

Richard Pilon,
General Manager / Secretary-Treasurer

/js

MINUTES OF A MEETING OF THE
RAISIN REGION SOURCE PROTECTION AUTHORITY
HELD FEBRUARY 15, 2024 – 3:00 P.M. RRCA ADMINISTRATION OFFICE

PRESENT: Bryan McGillis, South Stormont, Chair
Lachlan McDonald, South Glengarry
Andrew Guindon, South Stormont
Claude McIntosh, City of Cornwall
Carilyne Hebert, City of Cornwall
Adrian Bugelli, North Stormont

STAFF: Richard Pilon, General Manager/Secretary-Treasurer
Josianne Sabourin, Administrative Assistant
Phil Barnes, Team Lead, Watershed Management
Scott Braithwaite, Project Assistant
Laura Grant, Project Manager
Jessica Herrington, Stewardship Coordinator
Brendan Jacobs, Stewardship Specialist
Pete Sabourin, Team Lead, Field Operations
Jason Symington, Resource Specialist
Lisa Van De Ligt, Project Manager

REGRETS: Pierre Leroux, Prescott & Russell

CALL TO ORDER

Bryan McGillis, Chair, called the meeting to order at 3:00 pm.

APPROVAL OF AGENDA

RESOLUTION #SPA 01/24:

Moved by: Adrian Bugelli
Seconded by: Lachlan McDonald

THAT the agenda be approved as presented.

CARRIED

DECLARATION OF CONFLICT OF INTEREST

None

**APPROVAL OF RAISIN REGION SOURCE PROTECTION AUTHORITY MEETING MINUTES
– meeting held November 16, 2023**

RESOLUTION #SPA 02/24:

Moved by: Claude McIntosh
Seconded by: Andrew Guindon

THAT the minutes of the November 16, 2023 meeting of the Raisin Region Source Protection Authority be approved.

CARRIED

NEW BUSINESS

SOURCE PROTECTION COMMITTEE APPOINTMENT

RESOLUTION #SPA 03/24:

Moved by: Andrew Guindon
Seconded by: Carilyne Hebert

THAT the Raisin Region Source Protection Authority appoint Jeannette Mongeon as an agriculture representative on the Raisin-South Nation Source Protection Committee.

CARRIED

DATE OF NEXT MEETING

April 18, 2024

ADJOURNMENT

RESOLUTION #SPA 04/24:

Moved by: Lachlan McDonald
Seconded by: Adrian Bugelli

THAT the Raisin Region Source Protection Authority meeting of February 15, 2024 be adjourned at 3:05 pm.

CARRIED

Bryan McGillis
Chair

Lisa Van De Ligt
Project Manager

To: Raisin Region Source Protection Authority
From: Phil Barnes, Team Lead, Watershed Management, Raisin Region SPA
Date: April 4, 2024
Subject: 2023 Risk Management Official Annual Report Summary

RECOMMENDATION:

That the Raisin Region Source Protection Authority receive and file the 2023 Risk Management Official Annual Report Summary.

Background:

As per O. Reg. 287/07 under Section 65 of the *Clean Water Act, 2006*, Risk Management Officials (RMO) must submit an annual report to the Source Protection Authority (SPA) by February 1. Below is a summary of the 2023 risk management highlights for the Raisin Region Source Protection Area.

Discussion:

All (100%) of the significant drinking water threats, subject to a Risk Management Plan (RMP), are considered managed.

Highlights:

1. There were no new RMPs negotiated in 2023 within the Source Protection Region.
2. In previous reporting years, there was one outstanding RMP. This threat was eliminated in 2023; a RMP is no longer required.
3. The Risk Management Offices continued to screen *Planning Act* or *Building Act* applications within the Region and issue Section 59 Notices as required.
4. There were no new orders issued through the powers of the *Clean Water Act*.

Table 1: Risk Management Office Activity for Raisin Region Source Protection Area

Risk Management Office Highlights for Raisin Region Source Protection Area	Up to end of 2022	New in 2023	Total
Risk Management Plans established	4	0	4
Parcels managed by a Risk Management Plan	6	0	6
Activities managed by a Risk Management Plan	11	0	11
Safe Septic Inspections	136	28	164
Section 59 Notices Issued	23	1	24
Orders Issued	0	0	0

The following table breaks down the number of Risk Management Plans and the number of parcels managed throughout the region by Source Protection Area and municipality.

Table 2: Risk Management Plans (RMPs) and Affected Parcels within the Source Protection Region

	End of 2022		2023		Total	
	RMPs	Parcels	RMPs	Parcels	RMPs	Parcels
Raisin Region Source Protection Area						
Cornwall	-	-	-	-	-	-
North Glengarry	3	4	-	-	3	4
South Glengarry	1	2	-	-	1	2
South Stormont	-	-	-	-	-	-
South Nation Source Protection Area						
Alfred and Plantagenet	4	5	-	-	4	5
Augusta	-	-	-	-	-	-
Casselman ‡	0	1	-	-	0	1
Champlain	1	1	-	-	1	1
Clarence-Rockland	-	-	-	-	-	-
East Hawkesbury †	-	-	-	-	-	-
Edwardsburgh/Cardinal	2	2	-	-	2	2
Elizabethtown-Kitley †	-	-	-	-	-	-
Hawkesbury	-	-	-	-	-	-
The Nation / La Nation	31	74	-	-	31	74
North Dundas	30	51	-	-	30	51
North Grenville †	-	-	-	-	-	-
North Stormont	11	26	-	-	11	26
Ottawa	1	1	-	-	1	1
Prescott	-	-	-	-	-	-
Russell	-	-	-	-	-	-
South Dundas	-	-	-	-	-	-

† These municipalities, or the portion within the Source Protection Area, do not have drinking water systems that are subject to the *Clean Water Act*.

‡ There are no Risk Management Plans within the Village of Casselman; however, there is one parcel within the village that is subject to an RMP that is negotiated within The Nation Municipality.



Phil Barnes, P.Eng.
Team Lead, Watershed Management
Raisin Region Source Protection Area



To: Raisin Region Source Protection Authority
From: Jason Symington, Project Manager
Date: April 2, 2023
Subject: 2023 Annual Implementation Progress Report to MECP

RECOMMENDATION:

The Raisin Region Source Protection Authority receive and file the 2023 Annual Progress Report.

AND FURTHER THAT, Raisin Region Source Protection Authority approve the Annual Progress Report for submission to the Ministry of Environment Conservation and Parks.

Background:

The Raisin-South Nation Source Protection Plan came into effect April 1, 2015, providing a framework of policies to protect the quality and quantity of the source waters for municipal drinking water systems located in the Raisin-South Nation Source Protection Region.

Ontario Regulation 287/07, Section 22 (1) lists the following two objectives for all Source Protection Plans developed in Ontario:

- “1. To protect existing and future drinking water sources in the source protection area.
2. To ensure that, for every area identified in an assessment report as an area where an activity is or would be a significant drinking water threat,
 - i. the activity never becomes a significant drinking water threat, or*
 - ii. if the activity is occurring when the source protection plan takes effect, the activity ceases to be a significant drinking water threat. O. Reg. 246/10, s. 12.”*

Source Protection Authorities (SPA) are required to submit annual reports on implementation progress to the Ministry of the Environment, Conservation and Parks (MECP) under section 46 of the *Clean Water Act (2006)* by May 1. The 2023 Annual Progress Report will be the seventh report on implementation progress since the Plan came into effect.

Annual progress reports are prepared using data provided by municipalities, provincial ministries, and other implementing bodies as required. Municipal and provincial reports are



required to be submitted to the SPAs annually by February 1st and reflect implementation efforts from the previous calendar year, January 1 to December 31, 2023.

Staff collect and evaluate implementation data to populate a summary-level annual progress report template prepared by MECP. The summary-level annual progress reports must be shared with the Raisin-South Nation Source Protection Committee (SPC) at least 30 days before being submitted to MECP.

The Committee is required to review the annual progress report and provide written comments about the extent to which, in the opinion of the Committee, the objectives set out in the plan are being achieved by the measures described in the report.

Discussion:

The Raisin-South Nation SPC was circulated the draft 2023 Annual Progress Report on February 27, 2024 (Attached) and reviewed the report at their March 27, 2024 meeting.

In the opinion of the SPC, the Raisin-South Nation Source Protection Region's implementation of the Source Protection Plan policies are progressing well and on target. 100% of the activities identified as significant drinking water threats in the Assessment Reports for the source protection areas have been removed or mitigated through risk management measures. The risk management measures implemented are effective, appropriate, and fiscally responsible.

Upon submission to the MECP, the Annual Report will be posted to the Raisin-South Nation Source Protection Region website (yourdrinkingwater.ca).

A handwritten signature in black ink, appearing to read 'JS'.

Jason Symington,
Project Manager, Raisin-South Nation Source Protection Region

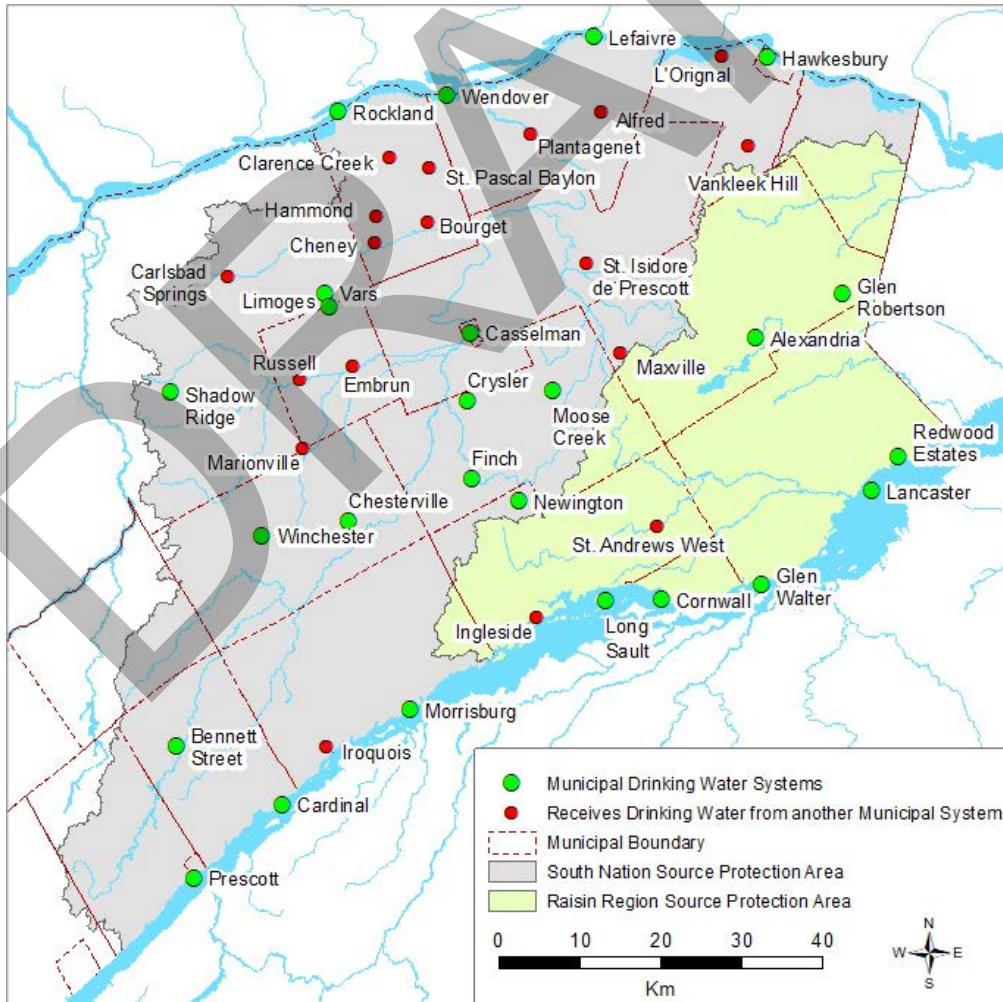
Attachment: Source Protection Draft 2023 Annual Progress Report

Draft Source Protection 2023 Annual Progress Report

I. Introduction

This annual progress report outlines the progress made in implementing the source protection plans for the Raisin Region Source Protection Area and the South Nation Source Protection Area in 2023 as required by the Clean Water Act and regulations. Drinking water source protection protects existing and future sources of municipal drinking water from overuse and contamination, ensuring an adequate supply of clean water for both current and future generations.

This report is written for submission to the Ministry of the Environment, Conservation and Parks as required, but also informs the residents, municipalities, stakeholders, etc. of progress made on implementation to date.



II. A message from your local Source Protection Committee

P: Progressing Well/On Target – The majority of the source protection plan policies have been implemented and/or are progressing.

The objectives of the Source Protection Plan are:

1. To protect existing and future drinking water sources in the source protection area; and,
2. To ensure that, for every area identified in an assessment report as an area where an activity is or would be a significant drinking water threat that,
 - i. The activity never becomes a significant drinking water threat, or
 - ii. If the activity is occurring when the source protection plan takes effect, the activity ceases to be a significant drinking water threat.

The policies were developed by taking into consideration the following three guiding principles:

1. Effectiveness (does the policy effectively protect sources of drinking water).
2. Appropriateness (is the policy practical and does it avoid regulatory duplication).
3. Fiscal Responsibility (is the policy cost-effective and reasonable).

All (100%) of the activities identified as significant drinking water threats in the Assessment Reports for the source protection areas have been removed or mitigated through risk management measures. The risk management measures implemented are effective, appropriate and fiscally responsible.

III. Our Watershed

To learn more, please read our assessment report(s) and source protection plan(s)

The Raisin-South Nation Source Protection Region encompasses a land mass of over 7,000 km² and is comprised of two Source Protection Areas: Raisin Region Source Protection Area (2,000 km²) and South Nation Source Protection Area (5,000 km²). The total population of the region as per the 2016 census was 273,687. The total population served by municipal drinking water systems is 129,239.

Raisin Region Source Protection Area

The Raisin Region Source Protection Area is comprised of the Raisin Region Conservation Authority's jurisdiction, plus additional watershed-based areas to the south west (Nash Creek) and north (Rigaud River).

The following municipal drinking water sources are protected by the source protection plan:

- Redwood Estates (Township of South Glengarry): 1 groundwater well
- Glen Robertson (Township of North Glengarry): 1 groundwater well
- Long Sault (Township of South Stormont): 1 surface water intake
- Cornwall (City of Cornwall): 1 surface water intake
- Glen Walter (Township of South Glengarry): 1 surface water intake
- Lancaster (Township of South Glengarry): 1 surface water intake
- Alexandria (Township of North Glengarry): 1 surface water intake

South Nation Source Protection Area

The South Nation Source Protection Area includes the jurisdiction of South Nation Conservation with the addition of the Town of Prescott and additional watershed-based area to the north east along the Ottawa River.

The following municipal drinking water sources are protected by the source protection plan:

- Vars (City of Ottawa): 2 groundwater wells
- Limoges (The Nation Municipality): 2 groundwater wells
- Shadow Ridge, Greely (City of Ottawa): 1 groundwater well
- Crysler (Township of North Stormont): 2 groundwater wells
- Moose Creek (Township of North Stormont): 3 groundwater wells
- Finch (Township of North Stormont): 2 groundwater wells
- Winchester (Township of North Dundas): 6 groundwater wells
- Chesterville (Township of North Dundas): 2 groundwater wells
- Newington (Township of South Stormont): 2 groundwater wells
- Bennett St., Spencerville (Township of Edwardsburgh/Cardinal): 1 groundwater well
- Prescott (Town of Prescott): 1 surface water intake
- Cardinal (Township of Edwardsburgh/Cardinal): 1 surface water intake
- Morrisburg (Township of South Dundas): 1 surface water intake
- Rockland (City of Rockland): 1 surface water intake

- Wendover (Township of Alfred-Plantagenet): 1 surface water intake
- Lefaivre (Township of Alfred-Plantagenet): 1 surface water intake
- Hawkesbury (Town of Hawkesbury): 1 surface water intake
- Casselman (Village of Casselman): 1 surface water intake

There are communities within the South Nation Source Protection Area that are serviced through regional distribution systems where the municipal sources of water are protected through the Source Protection Plan of the Mississippi-Rideau Source Protection Region (i.e. Carlsbad Springs, Russell, Embrun, Marionville).

To learn more about the Raisin-South Nation Source Protection Region, or to read the Source Protection Plan and Assessment Report, visit www.yourdrinkingwater.ca.

DRAFT

IV. At a Glance: Progress on Source Protection Plan Implementation

1. Source Protection Plan Policies

P : Progressing Well/On Target

All of the policies (100%) that address significant drinking water threats are implemented, in progress or have been evaluated and determined to require no further action(s).

Pursuant to subsection 36 (1) of the Clean Water Act, Source Protection Regions were directed by the Province to amend their Source Protection Plan and Assessment Report to comply with amendments to the Province's General Regulations and Director's Technical Rules and include approved local interest updates. Amendments are currently in progress by the Raisin-South Nation Source Protection Committee and Source Protection Region.

2. Municipal Progress: Addressing Risks on the Ground

Eighteen (18) municipalities in our source protection region have vulnerable areas where significant drinking water threat policies apply. These municipalities include: City of Cornwall, City of Ottawa, City of Clarence-Rockland, Village of Casselman, Town of Prescott, Town of Hawkesbury, Champlain Township, Township of Edwardsburgh/Cardinal, Township of Alfred and Plantagenet, Russell Township, The Nation Municipality, Augusta Township, Township of North Dundas, Township of South Dundas, Township of North Stormont, Township of South Stormont, Township of North Glengarry and the Township of South Glengarry.

All of the municipalities (100%) in our source protection region have processes in place to ensure that their day-to-day planning decisions conform with our source protection plans. The two largest municipalities (City of Ottawa and the City of Cornwall) have designated their own Risk Management Officials for this purpose, while the remaining municipalities have designated the local conservation authorities for risk management duties. Risk Management Officials screen building permits and planning applications in the vulnerable areas.

Municipalities in our source protection region are also required to update their Official Plan to ensure conformity with the local source protection plan. Seventeen (17) of 18 municipalities have finalized their Official Plan update, and one is in progress.

3. Septic Inspections

P : Progressing Well/On Target

The Ontario Building Code requires all septic systems within highly vulnerable areas be included in a Mandatory On-site Sewage System Inspection Program. Under the program, inspections are required on a five (5) year cycle.

The on-site sewage inspection program varies across the Source Protection Region. Septic systems within the City of Ottawa are inspected by the Ottawa Septic System Office (OSSO). The Townships of North Glengarry and South Glengarry retain their own septic inspectors. The remaining municipalities where septic systems are considered a significant threat have delegated septic inspection to South Nation Conservation (SNC).

Municipalities in the Raisin-South Nation Source Protection Region have completed most of the initial round of inspections. To date, 252 of 274 total septic systems have been inspected as per the Ontario Building Code. Of those outstanding initial inspections, 22 were not inspected due to non-responsive or non-compliant landowners.

To date, 132 re-inspections were completed with 28 occurring in 2023.

4. Risk Management Plans

P : Progressing Well/On Target

A risk management plan is a document that outlines the actions required to address an activity that has the potential to contaminate drinking water. These actions manage the risk associated with the activity so that all threats to drinking water are properly managed. A Risk Management Official (RMO) works with the person engaging in the threat activity to decide on the necessary components of the risk management plan.

Since the Raisin-South Nation Source Protection Plan took effect in 2015, a total of 108 risk management plans have been established. A single risk management plan can apply to multiple properties. The total number of properties covered by a risk management plan is 222. There were no new Risk Management Plans established in 2023.

Staff anticipate there is a 100% compliance rate with the Risk Management Plans established in the Raisin-South Nation Source Protection Region.

5. Provincial Progress: Addressing Risks on the Ground

P : Progressing Well/On Target

Provincial ministries (e.g. Ministry of Environment, Conservation and Parks; and Ontario Ministry of Agriculture, Food, and Rural Affairs) are responsible for the implementation of source protection policies included in the Raisin-South Nation Source Protection Plan that use prescribed instruments to reduce the risk of significant threat activities.

Ontario ministries are reviewing previously issued provincial approvals (i.e., prescribed instruments, such as environmental compliance approvals under the Environmental Protection Act) where they have been identified as a tool in our Plan to address existing activities that pose a significant risk to sources of drinking water. The provincial approvals are being amended or revoked where necessary to conform with plan policies. Our policies set out a timeline of 3 years to complete the review and make any necessary changes. The ministries have reported full completion (100%) of the review of previously issued provincial approvals in the source protection region.

Provincial ministries are implementing their respective review protocols to screen all applicable new applications.

DRAFT

6. Source Protection Awareness and Change in Behaviour

Conservation Authority partners have worked to develop tools and resources which satisfy the Education and Outreach Policies and help establish permanent resources for future Source Water Protection program delivery.

Print Media and Landowner Resources

- Risk Management Plan Binder and Toolkit for property owners
- Six (6) activity fact sheets (DNAPLs, organic solvents, etc.)
- Distribution of SWP brochure series (Agri-Action, Fuel Tools, Pesticide Wise, Septic Solutions, Water Smart, Well Informed)
- Distribution of fuel tags and stickers for homeowners
- Boater Awareness Campaign postcards, keychains, and boat stickers with Spills Action Response Centre contact information

Signage

- Boater Awareness Campaign signage displayed at river access points (boat launches and public and private marinas) – approximately 40 signs distributed
- Road Signage (displayed on roadways outside vulnerable drinking water protection zones) – approximately 100 in the Raisin-South Nation Source Protection Region

Media, Website, and Newsletters

- Issued local press releases
- Maintained the Source Protection Region's website (yourdrinkingwater.ca)
- Maintained social media presence (province-wide campaigns)
- Circulated second annual Raisin-South Nation Source Protection Region newsletter update to member municipalities
- Programming promoted in Conservation Authority monthly digital newsletters

Education and Outreach

- Licensed to deliver Yellow Fish Road community program, educating community members on storm drains (South Nation SPA)
- Licensed to deliver Stream of Dreams Community Art and Environmental Education Program (subsidized with other grants and partners) (South Nation SPA)
- Online guest lecture for St. Lawrence College Environmental Technician course
- Event attendance: local fairs, Children's Water Festivals, Ontario East Municipal Conference, International Plowing Match, River Symposium, etc.

Land Use Planning

- Source water protection has become an integral part of the municipal planning process. Pre-consultation processes taking into account source water protection implications have lead to better overall planning and development decisions.

7. Source Protection Plan Policies: Summary of Delays

This is not applicable to our source protection region.

DRAFT

8. Source Water Quality: Monitoring and Actions

In the Raisin-South Nation Source Protection Region, there were no issues identified in the local assessment report(s) regarding the quality of the source(s) of municipal drinking water.

The Source Protection Authorities continue to work with municipalities to pro-actively identify trends in source water quality which could trigger a formal issues evaluation process, and require additional environmental monitoring.

9. Science-based Assessment Reports: Work Plans

No workplans were required to be implemented for our assessment report.

10. More from the Watershed

The Region's success with implementing the source protection plan can be attributed to a coordinated and consistent effort in addressing the activities listed as drinking water threats. Small municipalities within the source protection region have benefited from delegating municipal enforcement of the Clean Water Act to the respective conservation authorities. Staff at both conservation authorities have worked together to develop streamlined risk management practices, documentation, data management systems, and education and outreach materials.

Funding for initial source protection implementation was made possible for small municipalities through the provincial Source Protection Municipal Implementation Fund. Without this fund, municipalities in our region would have faced financial challenges establishing the risk management plans. The fund removed the burden of a potential surcharge to landowners requiring risk management plans. This resulted in a more expedient and agreeable risk management plan negotiation process.

While some large municipalities may potentially have the capacity to deliver source protection programs, many medium and small sized municipalities will struggle to afford the additional cost.

Continued provincial funding and support for the Source Protection Program is essential to empower small and rural municipalities to mitigate risk and deliver safe, clean, drinking water.



To: Raisin Region Source Protection Authority
From: Jason Symington, Project Manager
Date: April 2, 2023
Subject: Raisin-South Nation Source Protection Region Section 36 Status Update

RECOMMENDATION:

The Raisin Region Source Protection Authority receive and file the Raisin-South Nation Source Protection Region Section 36 status update report.

Background:

The Raisin-South Nation Source Protection Plan came into effect April 1, 2015, and at the time of approval, a Minister's order under S. 36 was issued requiring the lead Source Protection Authority (SPA) to prepare and submit a workplan to the Ministry by November 30, 2018. This workplan was to include detailed steps for the review and update of the Source Protection Plan (SPP) and Assessment Reports (ARs) in consultation with the Raisin-South Nation Source Protection Committee (SPC), participating municipalities of the source protection authorities, and the Province. The order was later amended on July 19, 2019, instructing the SPC and the lead SPA to update the SPP and ARs to comply with recent amendments and Technical Rules.

Discussion:

The Early Engagement stage of the update has been completed. Comments received from the Conservation and Source Protection Branch have been addressed and the SPP and ARs are ready for pre-consultation.

Pre-consultation provides the opportunity for early review and comments from implementing bodies and those believed to be engaged in drinking water threats prior to public consultation. It is important to note that pre-consultation is a confidential consultation process.

Once pre-consultation is completed, a public consultation will begin. The public will have a minimum of 35 days to review and comment on the amendments before the final submission to Ministry of the Environment, Conservation and Parks.

A handwritten signature in black ink, appearing to be 'JS'.

Jason Symington,
Project Manager, Raisin-South Nation Source Protection Region