



Raisin-South Nation Source Protection Region

Source Protection Committee Meeting Agenda

June 8, 2023

10:00 a.m.

Location: South Nation Conservation Administration Office
38 Victoria Street, Finch, Ontario

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1. Call to Order
 2. Chair's Remarks
 3. Approval of Agenda
 4. Declaration of Conflict of Interest
 5. Delegations / Presentations
 - a. Program Update - PowerPoint Presentation: Staff
 6. Approval of Minutes
 - a. Source Protection Committee Minutes of April 11, 2023 1-4
 7. New Business
 - a. Project Manager's Update: Lisa Van De Ligt 5
 - b. SPC membership update: Lisa Van De Ligt 6-7
 - c. Approval - Draft Sewage Policy: Alison McDonald 8-9
 - d. Approval – Draft Stormwater Policy: Alison McDonald and Phil Barnes 10-13
 - e. Low and Moderate Threats: James Holland 14-15
 8. Community Engagement: Roundtable
 9. Date of Next SPC Meeting: September 14, 2023
 10. Adjournment



Raisin-South Nation Source Protection Committee

Draft Minutes

April 11, 2023 – 1:00 p.m.

**Location: South Nation Conservation Administration Office
38 Victoria Street, Finch, Ontario**

- PRESENT:** Raymond Beauregard, Chair
Theresa Bergeron, United Counties of Stormont, Dundas and Glengarry
Michel Kearney, City of Ottawa
Elaine Kennedy, Great River Network
Martin Lang, Raisin Region Source Protection Authority Liaison
Lawrence Levere, United Counties of Leeds and Grenville
Chris McDonell, General Public
Walter Oeggerli, Agriculture
Jacqueline Pemberton, Agriculture
Robert Rathbun, City of Cornwall
François St-Amour, South Nation Source Protection Authority Liaison
Tom Van Dusen, General Public
- REGRETS:** Josée Brizard, United Counties of Prescott and Russell
Idalia Milan, Eastern Ontario Health Unit Liaison
Don Munro, General Public
Richard Pilon, General Manager, RRCA
Blair Walker, Aggregates
Stephen Wilson, Commercial / Industrial
Mary Wooding, MECP Liaison
- STAFF:** Phil Barnes, Team Lead, RRCA
Carl Bickerdike, Chief Administrative Officer, SNC (virtual)
James Holland, Senior Planner, SNC
Claire Lemay, Senior Planner, SNC
Alison McDonald, Managing Director, SNC
Erin Thorne, Communications Specialist, SNC
Lisa Van De Ligt, Project Manager, RRCA
- GUESTS:** Laura Collings, MECP (virtual)
Connor Gamelin, MECP (virtual)
Glenn Mackey



1. Call to Order

Raymond Beaugard, Chair, welcomed all in attendance and called the meeting to order at 1:10 PM.

2. Chairman's Remarks

Raymond Beaugard, Chair, welcomed all in attendance and provided a verbal update on recent happenings with the Drinking Water Source Protection program. Ray acknowledged the passing of SPC member, Brian Powell, who represented the agriculture community.

3. Approval of Agenda

Resolution #10/23

Moved by: Elaine Kennedy
Seconded: Chris McDonell

CARRIED

4. Declaration of Conflict of Interest

None

5. Delegations / Presentations

a) Staff presented project and program updates

6. Approval of Minutes

Resolution #11/23

Moved by: Walter Oeggerli
Seconded: Michel Kearney

THAT the minutes of the February 22, 2023 meeting of the Raisin-South Nation Source Protection Committee be approved.

CARRIED

7. New Business

a) 2022 Risk Management Official Annual Report Summary

Resolution #12/23

Moved by: Jacqueline Pemberton
Seconded: Elaine Kennedy

That the Source Protection Committee receive and file the 2022 Risk Management Official Annual Report Summary.

CARRIED



b) 2022 Annual Progress Report

Resolution #13/23

Moved by: Elaine Kennedy
Seconded: Jacqueline Pemberton

THAT the Source Protection Committee receive and file the 2022 Annual Progress Report.

AND FURTHER THAT, in the opinion of the Source Protection Committee, implementation of the Source Protection Plan is progressing well/on target.

AND FURTHER THAT staff be directed to include the Source Protection Committee's comments on implementation progress in the 2022 Annual Report to the Ministry of Environment, Conservation and Parks.

CARRIED

c) Approval: Draft Salt and Snow Policy

Resolution #14/23

Moved by: Theresa Bergeron
Seconded: Jacqueline Pemberton

That the Raisin-South Nation Source Protection Committee approve the proposed Salt and Snow policy updates and direct staff to prepare draft policies for consultation with the province.

CARRIED

d) Approval: Draft Waste Policy

Resolution #15/23

Moved by: Michel Kearney
Seconded: Tom Van Dusen

That the Raisin-South Nation Source Protection Committee approve the proposed Waste policy updates and direct staff to prepare draft policies for consultation with the province.

CARRIED

e) Technical Rules: Sewage

Resolution #16/23

Moved by: Tom Van Dusen
Seconded: Elaine Kennedy

That the Raisin-South Nation Source Protection Committee receive the proposed Sewage policy updates and direct staff to prepare updated draft policies for Committee approval.

CARRIED



8. Community Engagement: Roundtable

- Theresa Bergeron provides an update to the United Counties of Stormont, Dundas, and Glengarry Council after every SPC meeting.
- Jacqueline Pemberton provides an update to the Ontario Federation of Agriculture after every SPC meeting.
- Elaine Kennedy provides an update to the Great River Network after every SPC meeting.

9. Correspondence

None.

10. Date of Next Meeting

The date of the next meeting is June 8, 2023 at 10:00 AM.

11. Adjournment

Resolution #17/23

Moved by: Jacqueline Pemberton

THAT the Source Protection Committee meeting of April 11, 2023 be adjourned at 2:44 PM.

Raymond Beauregard
Chair

Lisa Van De Ligt
Project Manager

/lv



To: Raisin-South Nation Source Protection Committee
From: Lisa Van De Ligt, Project Manager
Date: May 25, 2023
Subject: Project Manager's Update

RECOMMENDATION:

That the Raisin-South Nation Source Protection Committee receive and file the Project Manager's Update.

The last Source Protection Committee (SPC) meeting was April 11, 2023. Since then, staff have continued to meet deliverables identified in the 2022-2024 agreement with the Ministry of Environment, Conservation and Parks (MECP) and on-going Drinking Water Source Protection (DWSP) initiatives. Below are the highlights:

- Raisin-South Nation Source Protection Plan Section 36 (Minister's Order) amendments underway. Detailed staff reports on proposed policies and technical rule updates to be presented.
- Staff are finalizing the draft amendments to the Source Protection Plan and Assessment Reports, as per the SPC's direction, for submission to MECP for early engagement. Following the early engagement, staff would bring a report to the SPC to summarize the results of this engagement, propose any additional amendments, and prepare for consultation with implementing bodies.
- Five potential Raisin-South Nation Source Protection Plan Section 34 (locally-initiated) amendments underway.
- Detailed staff report on two new Source Protection Committee members to be presented.
- The SPC Chairs and Project Managers were invited to an informal 1:1 meeting with the Director, Conservation and Source Protection Branch, MECP. The meetings took place in April and May 2023.
- Meeting occurrence: Monthly Raisin-South Nation Source Protection Team meetings, monthly Eastern Region project managers meetings, quarterly provincial project manager and communications meetings.

A handwritten signature in cursive script that reads "Lisa Van De Ligt".

Lisa Van De Ligt,
Project Manager
Raisin-South Nation Source Protection Region



To: South Nation Source Protection Authority
From: Lisa Van De Ligt, Project Manager
Date: May 24, 2023
Subject: Source Protection Committee: Appointment Update

RECOMMENDATION:

That the Source Protection Committee receive and file the Committee membership update report.

Background:

As outlined in the *Clean Water Act, 2006*, under Ontario Regulation 288/07, the Raisin-South Source Protection Committee (SPC) was created to develop a Source Protection Plan to protect municipal sources of drinking water in the region. The SPC oversees the source protection program, and the composition ensures that a variety of local interests are represented at the decision-making table. The SPC is comprised of 15 members, 4 liaisons and the Chair.

Membership consists of:

- Municipal representatives (5)
 - City of Ottawa
 - City of Cornwall
 - United Counties of Stormont, Dundas, and Glengarry
 - United Counties of Prescott and Russell
 - United Counties of Leeds and Grenville
- Economic sector representatives (5)
 - 3 members representing the agricultural sector
 - 1 member for the aggregate sector
 - 1 member for the industrial/commercial sector
- Other interest representatives (5)
 - 1 member representing the SNC Clean Water Committee
 - 1 member representing the Great River Network
 - 3 members representing the General Public



Discussion:

SNC Clean Water Committee Representative

From 2016-2022, Adrian Wynands was the appointed Clean Water Committee representative on the SPC. In 2022, Adrian Wynands was elected Deputy Mayor of Augusta Township and was appointed to the South Nation Conservation (SNC) Board of Directors as a representative for Leeds and Grenville. A Conservation Authority Board of Directors member cannot be appointed to a SPC (as per O.Reg. 288/07 s.7 (3)); therefore, Deputy Mayor Wynands had to resign from the SPC.

At the February 27, 2023 Clean Water Committee meeting, staff sought recommendations for a new representative on the SPC. Glenn Mackey was recommended as the new Clean Water Committee representative on the SPC.

As a past SPC and SNC Board of Directors member, Glenn is familiar with the Drinking Water Source Protection program. Glenn currently sits on SNC's Clean Water Committee and is the Chair of SNC's Forestry Committee and the ALUS Ontario East Partnership Advisory Committee.

The Raisin Region Source Protection Authority and South Nation Source Protection Authority officially appointed the new Clean Water Committee Representative at their April 20, 2023 meetings.

Municipal Representative – Prescott and Russell:

On April 26, 2023, the United Counties of Prescott and Russell selected Dominique Lefebvre, Manager of Planning to represent the Counties for a term of 5 years, replacing Josée Brizard, Chief Administrative Officer - Clerk, The Nation Municipality. The Raisin Region Source Protection Authority and South Nation Source Protection Authority officially appointed the new Prescott and Russell Municipal Representative at their May 18, 2023 meetings.

A handwritten signature in cursive script, reading "Lisa Van De Ligt".

Lisa Van De Ligt,
Project Manager, Raisin-South Nation Source Protection Region



To: Raisin-South Nation Source Protection Committee
From: Alison McDonald, Managing Director, Approvals
Date: May 30, 2023
Subject: Approval: Draft Sewage Policies

RECOMMENDATION:

That the Raisin-South Nation Source Protection Committee approve the proposed Sewage policy updates and direct staff to prepare draft policies for consultation with the province.

Background:

The Source Protection Plan is being revised as part of a comprehensive review under section 36 of the *Clean Water Act* and due to updated Provincial Technical Rules. The Technical Rules affect when certain activities are deemed a significant drinking water threat (SDWT).

Discussion

Staff assessed the minor impacts of the Technical Rules changes on the following Sewage policies:

SEWG-3:

The industrial effluent discharge subcategory changed to include discharge to land, in addition to water. The vulnerability scores were amended and significant threats are now possible in wellhead protection areas "A" and "B" with a vulnerability score of 10. Current policies will prohibit future industrial effluent discharges in these areas.

This update was discussed with the Source Protection Committee (SPC) on April 11, 2023. No additional comments were received. The proposed change is shown highlighted below.

Policy SEWG-3

Prohibition of future sewage-workswastewater facilities

The following activities regulated under the *Ontario Water Resources Act, 1990* (as amended) shall not be established where they could be a significant drinking water threat:

- wastewater treatment facilities and associated parts;
- storage of sewagewastewater;
- sewage-treatment-plantwastewater treatment facility effluent discharges;
- sewage-treatment-plantwastewater treatment facility bypass discharges to surface water;
- combined sewer discharge from a stormwater outlet to surface water including outfall of a combined sewer overflow and sanitary sewer overflow; and
- industrial effluent discharges which discharge to surface water and have their primary function in the collection, transmission or treatment of industrial sewagewastewater.



SEWG-1, 2, and 3:

Wastewater Collection and Treatment Facilities and Associated Parts. The threats addressed in this section remain the same; however, the circumstances have been amended to identify the parts, facilities, and structures that pose a risk to sources of drinking water.

The policies will be updated to provide this additional clarification for each threat activity. A sample of this change is indicated in the policy included above in green text.

A handwritten signature in black ink that reads "Alison McDonald".

Alison McDonald
Managing Director, Approvals
South Nation Conservation



To: Raisin-South Nation Source Protection Committee
From: Alison McDonald, Managing Director, Approvals
Date: May 30, 2023
Subject: Technical Rules: Sewage

RECOMMENDATION:

That the Raisin-South Nation Source Protection Committee receive and approve the proposed Stormwater (SEWG-7) policy update; and,

Further direct staff to proceed with early engagement with the Ministry of the Environment, Conservation and Parks.

Background:

The Raisin-South Nation Source Protection Plan is being revised as part of a comprehensive review under section 36 of the *Clean Water Act*. Policy updates were originally scoped as part of a formal workplan consultation with the local Source Protection Authorities, municipalities, and the Ministry of Environment, Conservation and Parks (MECP). The Technical Rules were updated by the Province on December 3, 2021. These changes included modifications to the circumstances that determine when certain activities are deemed a significant drinking water threat (SDWT).

The policies of the Source Protection Plan were reviewed to ensure they are effective, comply with current technical rules, and comply with legislative frameworks. The policy changes range from minor to those with broader implications for the intent and application of existing policies.

Staff have finalized draft policy updates, minus one additional policy change for approval in this report. Should the final policy change be approved, staff propose to finalize and submit a draft Source Protection Plan for early engagement with the Ministry of Environment, Conservation, and Parks.

Following this early engagement, staff would bring a report to the SPC to summarize the results of this engagement, propose any additional amendments, and prepare for consultation with implementing bodies.

Stormwater Discussion and Policy Considerations:

1. *Consolidated Linear Infrastructure Environmental Compliance Approvals (CLI-ECAs)*

Previously, approvals for sewage and stormwater works were subject to Environmental



Compliance Approvals managed and approved by the Province. Municipalities are now in the process of adopting a Consolidated Linear Infrastructure Permissions Approach (CLI).

Under the Consolidated Linear Infrastructure approach, municipalities will have one ECA for their municipal stormwater works and one ECA for their municipal sewage works instead of individual ECAs for each piece of each works.

Staff were able to connect with staff from the province to confirm details about the Consolidated Linear Infrastructure Environmental Compliance Approvals. Staff also previously met with municipal public works Directors in Russell and North Dundas to better understand the nature of this change.

All municipalities must develop an Operation and Maintenance manual for their stormwater facilities for existing and new works. This manual must include operational and maintenance requirements to protect drinking water sources, such as those included in the Standard Operating Policy for Sewage Works and any applicable local Source Protection Plan policies.

The Consolidated Linear Infrastructure Environmental Compliance Approvals require municipalities to prepare a Source Protection Threat Assessment Report to document the criteria where proposed works in an area may be a significant drinking water threat and their screening process for identifying significant drinking water threats when designing preauthorized sewage/stormwater works.

The new process does not require an assessment of existing works (only new preauthorized works). Likewise, it does not require an assessment where a project is not preauthorized, and an application to the province is required. Where a direct submission application is required, the ministry will continue to screen these proposals for significant drinking water threats and incorporate conditions.

This information allowed staff to confirm the assumptions presented at the last meeting. Staff have proposed updates to the SEWG-7 policy as noted below.

Policy SEWG-7

Existing and future discharge from stormwater management facilities

- a. Approvals under the *Ontario Water Resources Act, 1990*, for ~~the existing~~ and future Storm Water Management Facilities and Drainage Systems including an outfall from a Storm Water Management Facility or a Storm Water Infiltration Facility ~~operation and maintenance of stormwater management facilities and the future establishment, operation and maintenance of stormwater management facilities outside of a Wellhead Protection Area A or Intake Protection Zone 1~~ where ~~stormwater discharge~~ they would be a significant drinking water threat, shall be reviewed to ensure they contain conditions to protect sources of drinking water. This includes facilities established under the municipal Consolidated Linear Infrastructure Environmental Compliance Approvals preauthorization.

Where an existing ~~if the~~ instrument does not meet these requirements, the Ministry of the Environment, Conservation and Parks ~~OECC~~ shall amend it to include additional terms and conditions to manage the threat.

It is recommended that approval conditions include:

- All future facilities should be built to Enhanced Level Protection (as described in the Stormwater Management Planning and Design Manual, Ministry of the Environment, Conservation and Parks, OECC 2003, as amended)
- Addition of water quality criteria monitoring for ~~chemicals and contaminants associated with the upstream development the prescribed threat chemicals (pathogens, aluminum, arsenic, cadmium, chloride, chromium VI, copper, glyphosate, lead, mecoprop, mercury, nickel, nitrogen, polycyclic aromatic hydrocarbons, petroleum hydrocarbons F1 to F4, total phosphorus, zinc)~~ in addition to regular total suspended solids monitoring requirements to help develop a baseline for effluent quality and identify spikes in contaminants for future investigation
- Ensure existing ponds are inspected yearly, and prioritize upgrades/retrofits to ponds/systems in vulnerable areas are prioritized; requirements should be included in the Operation and Maintenance manual to protect drinking water sources
- Sediment volumes should be measured yearly and provided to the Ministry of the Environment, Conservation and Parks and Climate Change to ensure compliance
- Naturalization around ponds to act as spill buffers
- Contain a contingency plan for catastrophic events (>100-year flood) and emergency response

2. Prohibition of future facilities in IPZ-1 and WHPA-A

The Source Protection Plan currently prohibits new stormwater management facilities in WHPA-A and IPZ-1. This policy was developed when the circumstances were less restrictive and would have captured only very large development applications. The new circumstances under the updated technical rules result in virtually all development being identified as a significant drinking water threat. This prohibition policy would prohibit all development that outlets to the WHPA-A and IPZ-1 – essentially prohibiting new development in several communities.

The Source Protection policies outside of WHPA-A and IPZ-1 manage the threat using approvals (as noted in the policy above). Staff propose to treat all vulnerable areas the same by eliminating the prohibition policy, which now captures a far broader scale of developments than originally intended. See policy details below.

~~a.b. The future establishment, operation, and maintenance of a stormwater management facility is prohibited within the WHPA A or IPZ 1 where stormwater discharges would be a significant drinking water threat. Accordingly, decisions relating to Prescribed Instruments (Environmental Compliance Approvals) must conform with these policies. In addition, decisions made by planning authorities under the Planning Act, 1990 must conform with these policies.~~

Pending approval of these policy changes staff can prepare a final draft Source Protection plan for early engagement with the province. This draft will be brought back to the Source Protection Committee for review prior to consultation with implementing bodies.



Alison McDonald
Managing Director, Approvals
South Nation Conservation



To: Raisin-South Nation Source Protection Committee
From: James Holland, Senior Planner
Date: May 31, 2023
Subject: Low and Moderate Policy Review and Summary

RECOMMENDATION:

That the South Nation Source Protection Authority receive and file a review of low and moderate threat policies from other Source Protection Regions.

Background:

The Source Protection Plan is being revised as part of a comprehensive review under section 36 of the *Clean Water Act* and as a result of updated Provincial Technical Rules. These revisions focus on policies relating to significant drinking water threats (SDWT).

The Source Protection Plan currently does not contain policies for low or moderate drinking water threats. Non-legally binding policies for these threats can be included at the discretion of the Source Protection Committee (SPC). These policies support the objectives of the Source Protection Program through, for example, agency engagement, education, and research.

Staff reviewed Source Protection Plans with low and moderate threat policies from other jurisdictions to assess their nature and relevance to the Raisin-South Nation Source Protection Region.

The following table summarizes low and moderate threat policies for specific activities from eight Source Protection Plans in other Source Protection Regions.

Activity	Policies	Plans
Aquiculture	3	1
DNAPL / Organic Solvents	2	1
Fertilizer	1	1
Fuel Handling, Storage	5	3
Land Use Planning	6	1
Pesticide Handling, Storage, Application	3	2
Pipelines (liquid hydrocarbons)	6	3
Road Salt Handling, Application	11	4
Sanitary Sewers, Treatment	2	1
Septic Systems	9	3
Waste Disposal Sites	12	3



These policies recommend or request that provincial agencies and/or municipalities support and promote source water protection in a variety of ways, for example by:

- Including terms and conditions within their approvals.
- Promoting best management practices and targeted education and outreach programs.
- Increasing inspections, licensing requirements or standards within vulnerable areas.
- Informing a Source Protection Authority of new potential threats in vulnerable area, and reporting on implementation activities on an annual basis.
- Supporting or initiating targeted research projects, trend-monitoring programs, and outreach to other agencies.
- Initiating or updating management plans, emergency response plans and threats assessments.
- Considering new regulations and developing strategies to address known issues.

Discussion:

Staff noted activities where non-binding policies would have been useful, specifically concerning a waste disposal site in a wellhead protection area.

The Source Protection Committee may consider introducing new low and moderate threat policies in the Raisin-South Nation Source Protection Plan for specific activities of concern. Staff suggest this be revisited once the current Section 36 comprehensive amendment to the Source Protection Plan is completed for consideration in a future Plan amendment.

A handwritten signature in black ink that reads "James Holland".

James Holland, Senior Planner
South Nation Conservation