May 8, 2024

Notice of Public Consultation On Proposed Source Protection Plan Updates Deadline for comments: June 13, 2024 at 4:30 pm

Subject: Notice of Public Consultation on Proposed Source Protection Plan Updates

On behalf of the North Bay-Mattawa Source Protection Committee and Authority, please be advised of the proposed updates to the Source Protection Plan and Assessment Report for the North Bay-Mattawa Source Protection Area. This Notice is being posted for public consultation and circulated to municipalities, ministries and other implementing bodies as required under the *Clean Water Act, 2006*. The proposed updates are prepared as per section 36 of the *Clean Water Act, 2006* and the 2021 technical rules. Comments may be submitted to the North Bay-Mattawa Source Protection Committee by email at dwsp.comments@nbmca.ca **by June 13, 2024 at 4:30pm**.

The Source Protection Plan contains polices that help protect municipal source of drinking water. The Assessment Report contains the technical studies that support the policies. The proposed Source Protection Plan and Assessment Report and maps are available at: https://actforcleanwater.ca/public-consultations-reports/source-protection-plan/

The proposed changes include updates to the vulnerable area mapping for the Callander municipal drinking water source, updates to impervious surfaces mapping, and updates to Source Protection Plan policies. Attached to this Notice is a summary of key updates including key map updates made to the Source Protection Plan and Assessment Report.

Public Open House

An open house for the public is being hosted on Wednesday May 22, 2024 from 5pm to 6:30pm and on May 29, 2024 from 10:30 am to 12pm at the North Bay-Mattawa Conservation Authority main office at 15 Janey Avenue, North Bay, Ontario, P1C 1N1.

Comments

Written comments should be submitted by **June 13, 2024 at 4:30pm**, and may be directed to:

Wayne Belter, Chair
North Bay-Mattawa Source Protection Committee
c/o North Bay-Mattawa Conservation Authority
15 Janey Avenue, North Bay, ON P1C 1N1
Email: dwsp.comments@nbmca.ca
Fax: 705-474-9793

Summary of key updates to the Source Protection Plan:

- Applied the 2021 Technical Rules and Tables of Drinking Water Quality Threats including an updated list of applicable threat subcategories and vulnerable areas in several policies where needed.
- Separated out the education policy HAZ1 for dense non-aqueous phase liquids (DNAPLs) from a proposed policy HAZ2 for organic solvents - due to different applicable vulnerable areas for DNAPLs and organic solvents.
- Added storage of snow as an applicable threat category in policy ICA1.
- Changed SAL1 policy approach (to manage road salt storage) from land use prohibition to education policy (small quantities of exposed road salt storage have been identified as a threat. Since no permits are needed, an education program is a suitable method to address an activity that can occur in many locations).

Summary of key updates to the Assessment Report:

- Updated watershed monitoring data under watershed characterization.
- Applied the 2021 Technical Rules and Tables of Drinking Water Quality Threats to technical work including:
    - update of impervious surface area maps (which in turn help identify and assess threat activities such as the application of road salt)
    - use of revised terminology Intake Protection Zone (IPZ)-Issue Contributing Area (ICA) for the Callander municipal drinking water source
    - update to background details for threat activities
    - update to numbers of existing threat activity counts and circumstances.
- Updated the Callander IPZ-ICA map to reflect recent wetlands delineation data.

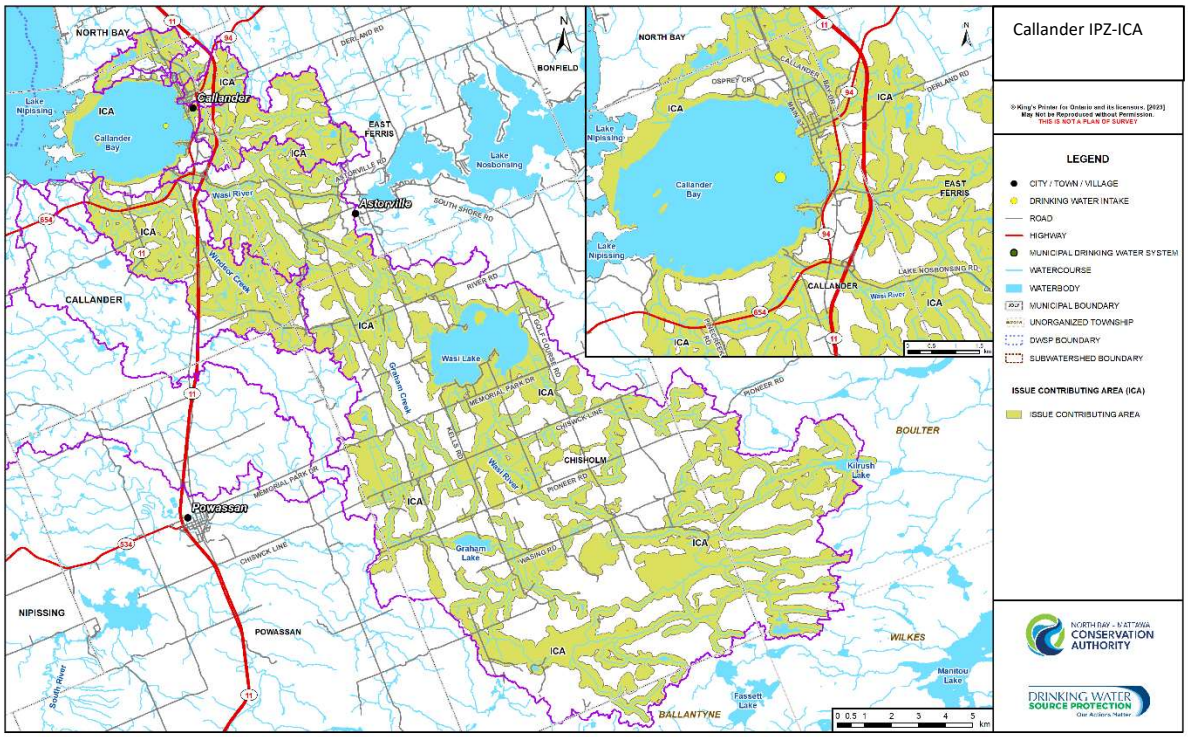

Figure 1a: Proposed Callander IPZ-ICA

Note: the proposed Callander ICA covers the proposed Callander Intake Protection Zones (IPZs) shown below.

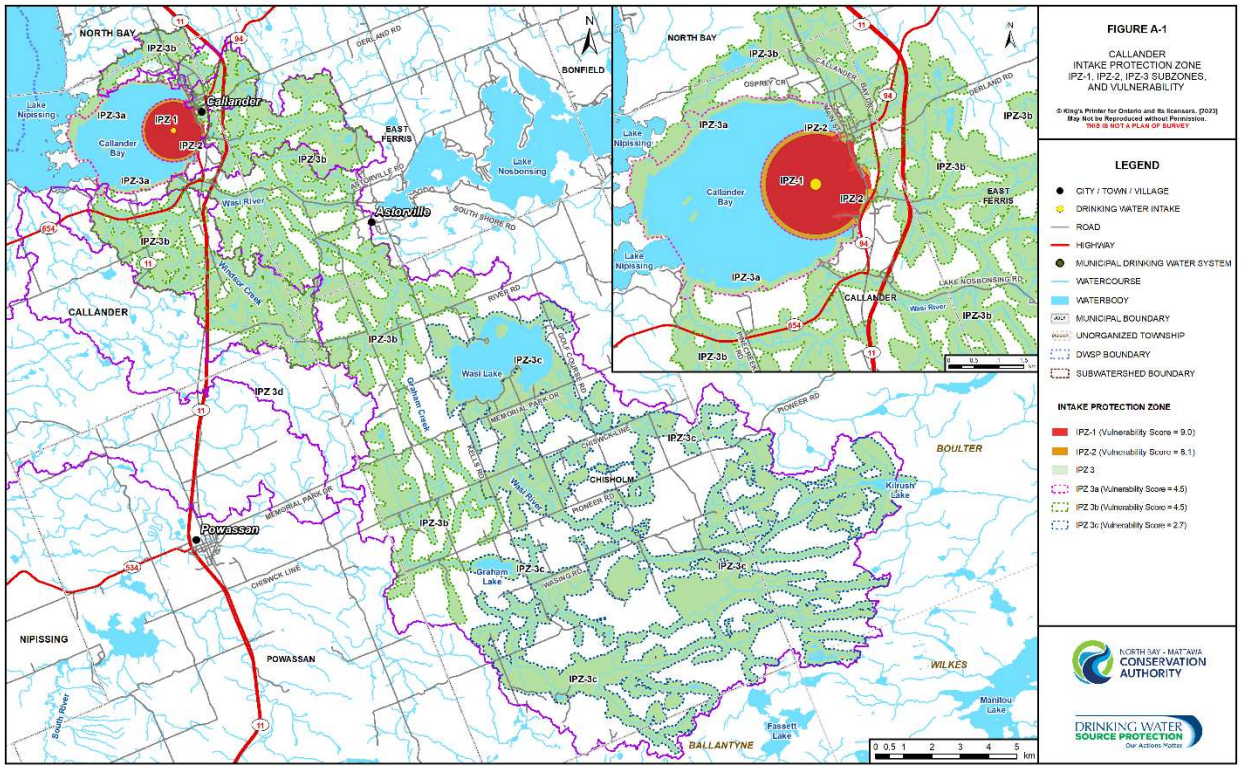

Figure 1b: Proposed Callander Intake Protection Zones (IPZs)

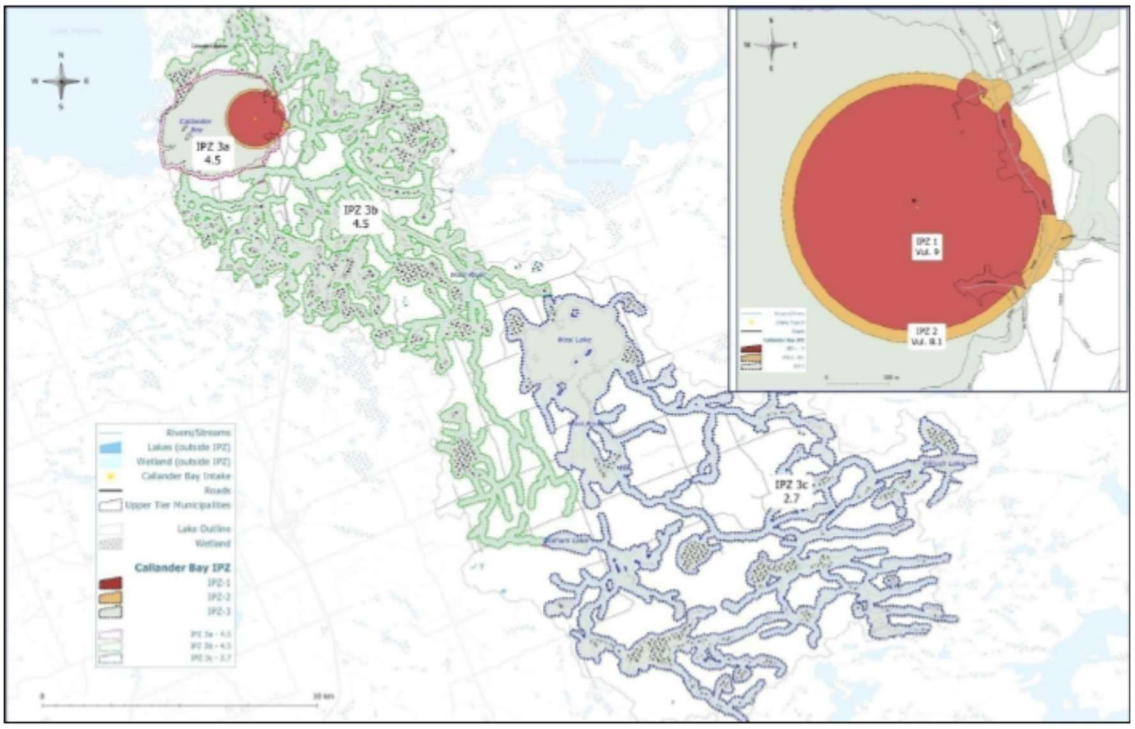

Figure 1c: Current Callander Intake Protection Zone (IPZs)

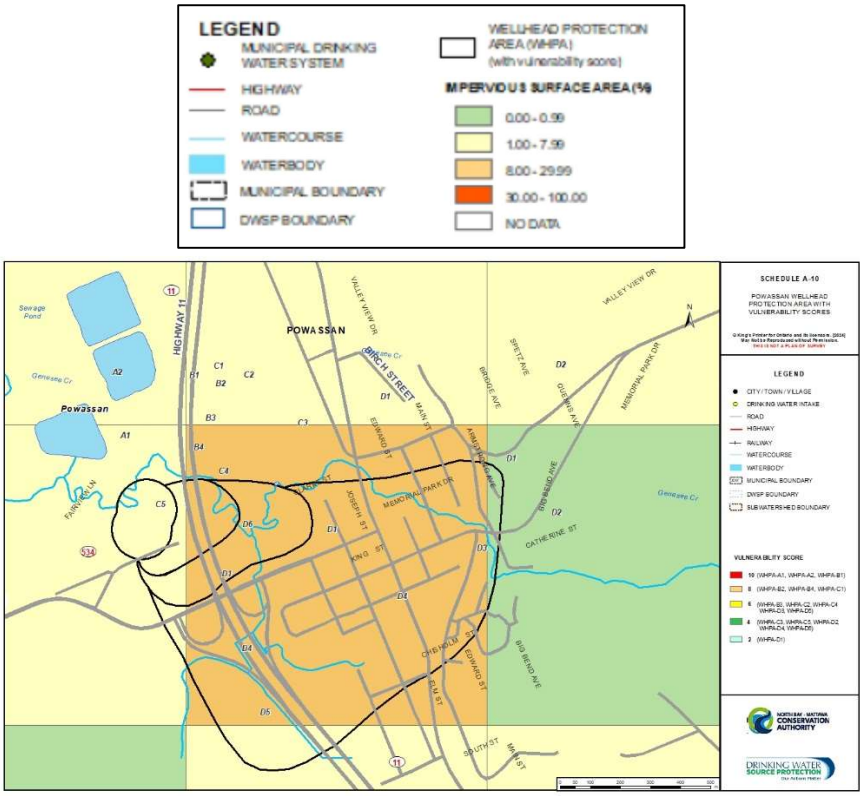

Figure 2a: Proposed Impervious Surface Area in Powassan Wellhead Protection Area (WHPA)

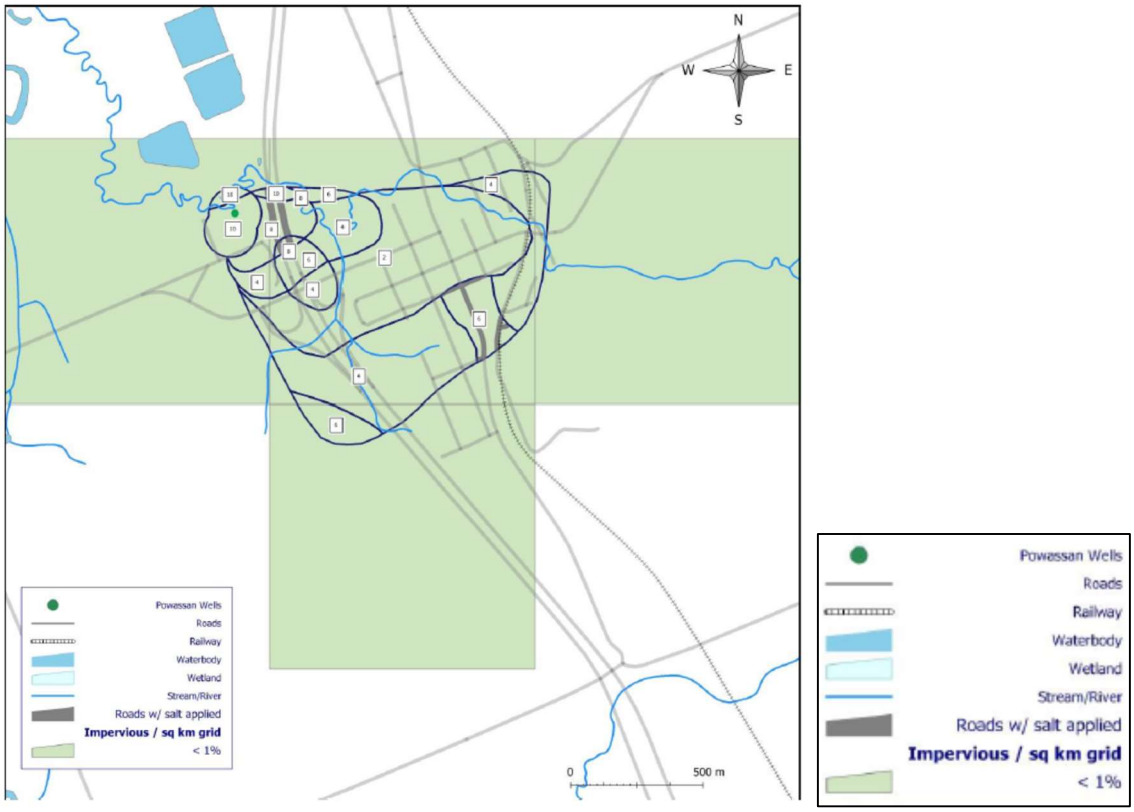

Figure 2b: Current Impervious Surface Area in Powassan Wellhead Protection Area (WHPA)

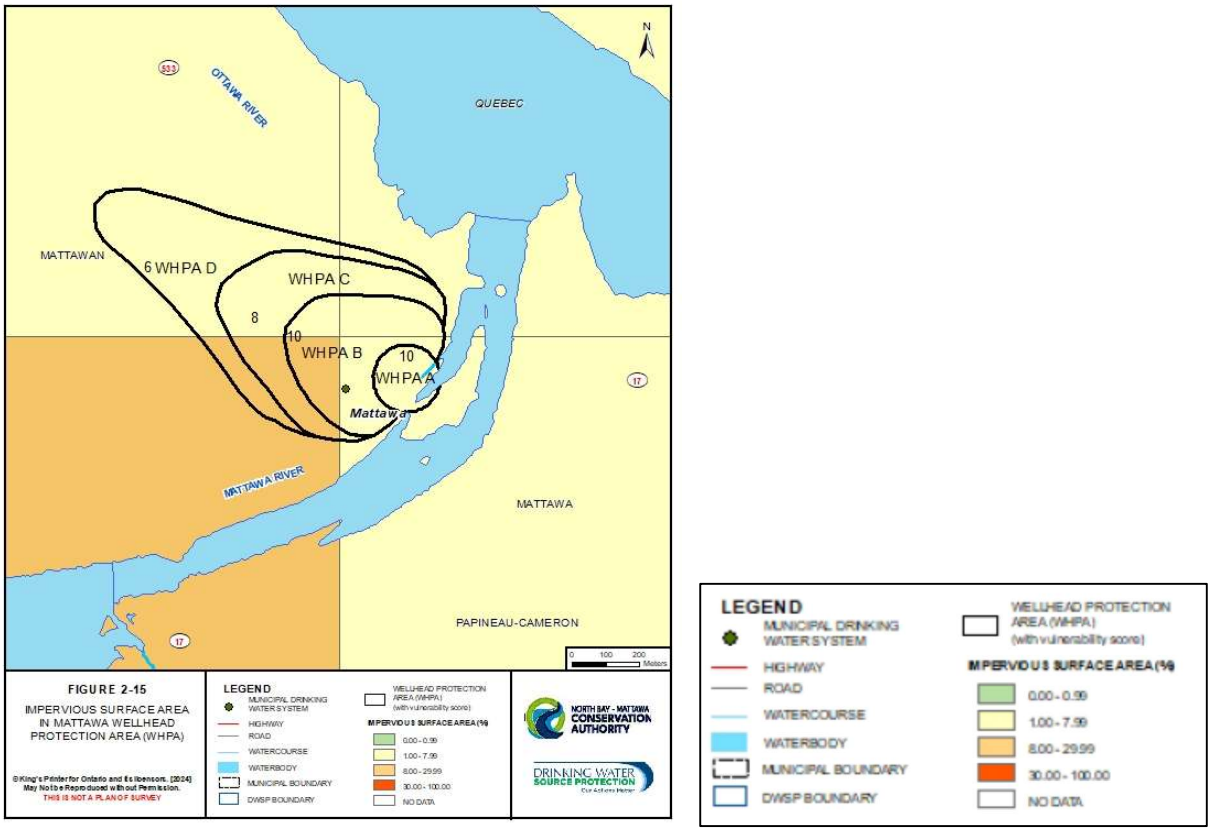

Figure 3a: Proposed Impervious Surface Area in Mattawa Wellhead Protection Area (WHPA)

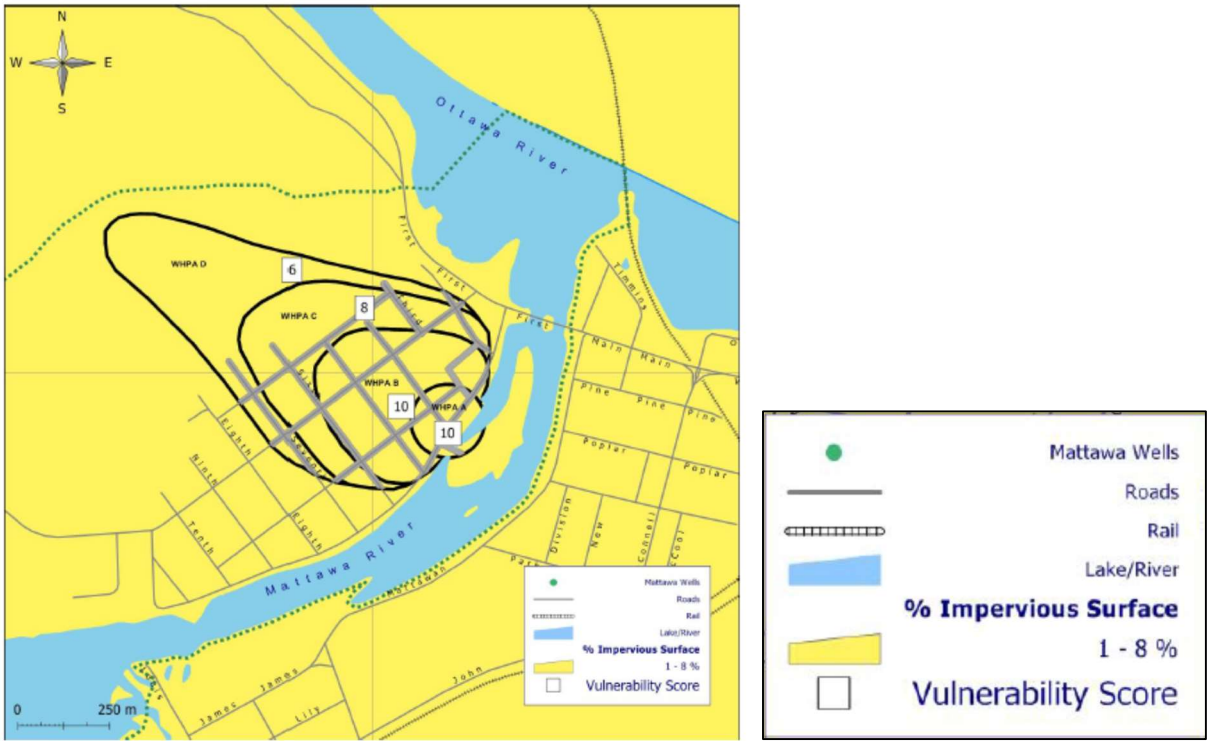

Figure 3b: Current Impervious Surface Area in Mattawa Wellhead Protection Area (WHPA)

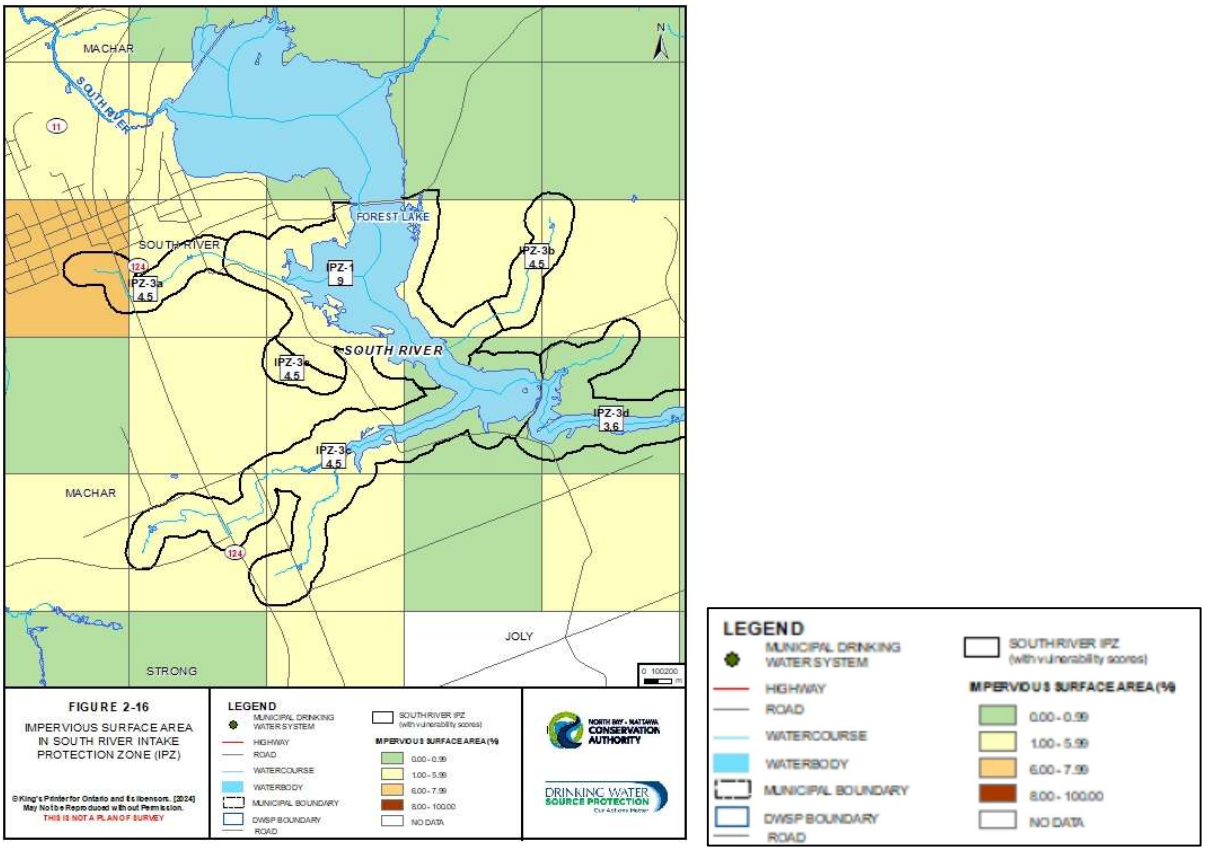

Figure 4a: Proposed Impervious Surface Area in South River Intake Protection Zone (IPZ)

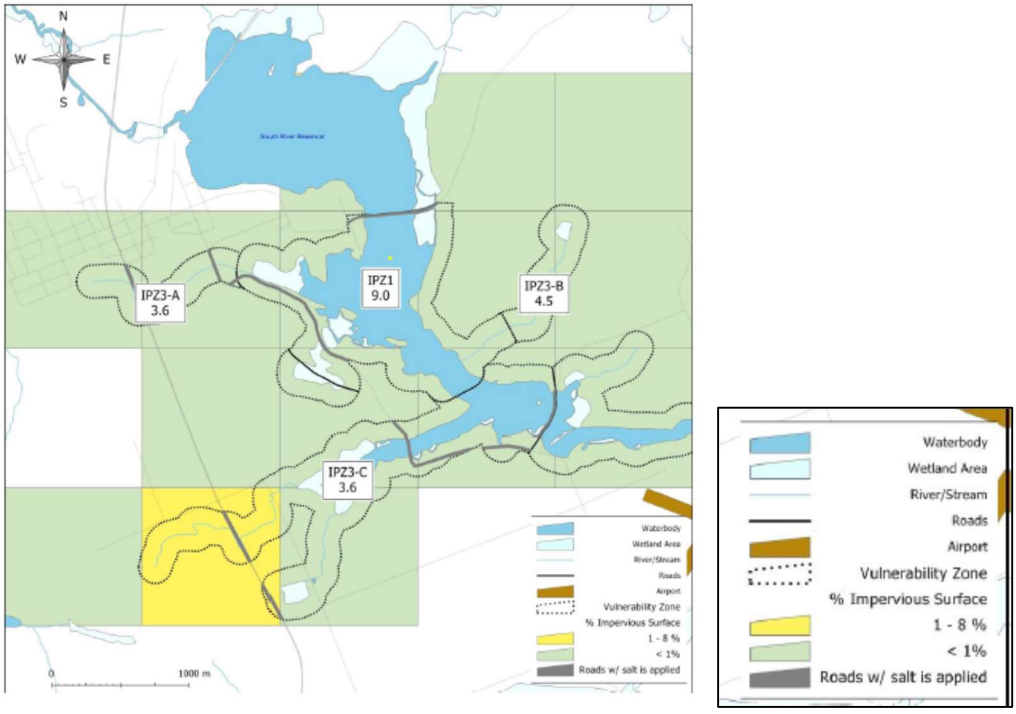

Figure 4b: Current Impervious Surface Area in South River Intake Protection Zone (IPZ)

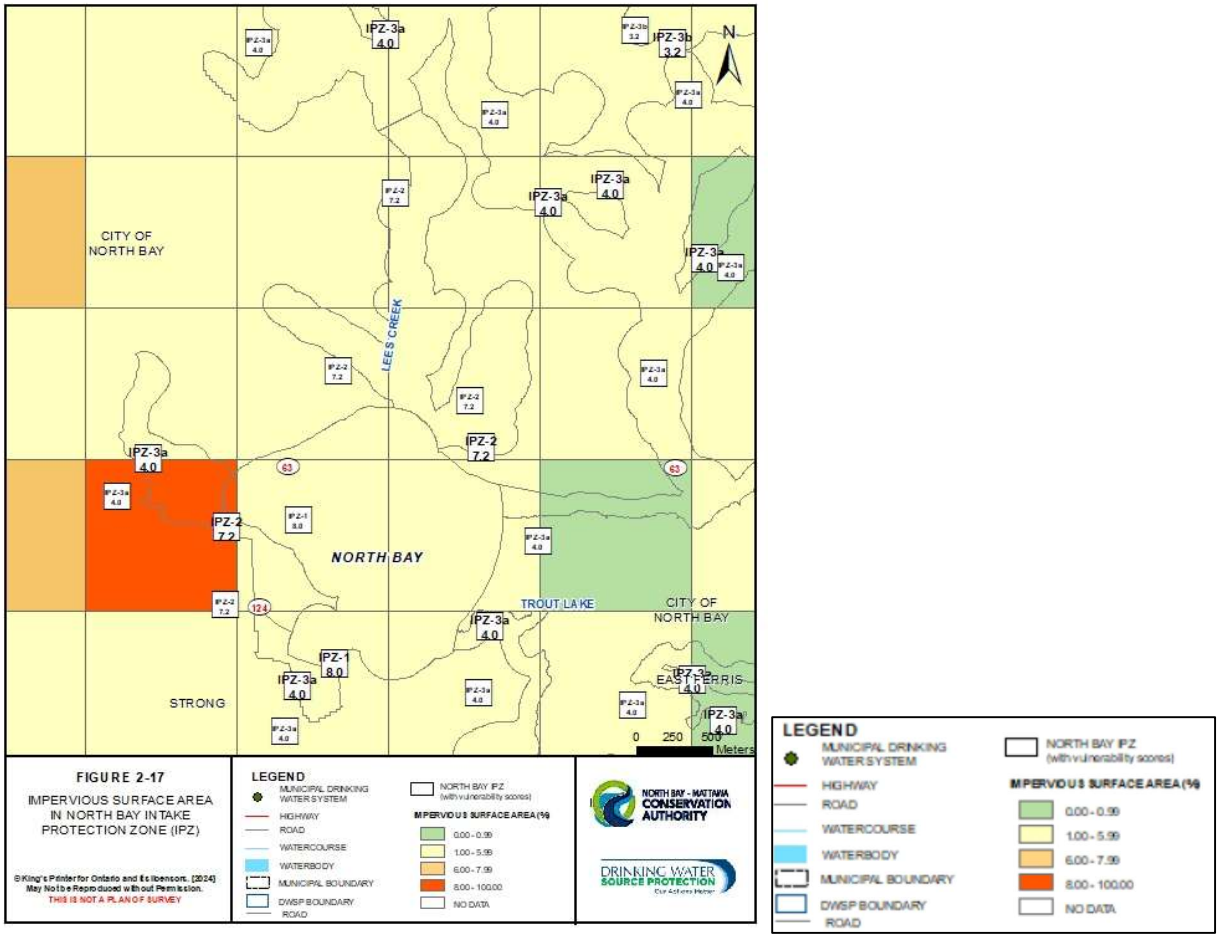

Figure 5a: Proposed Impervious Surface Area in North Bay Intake Protection Zone (IPZ)

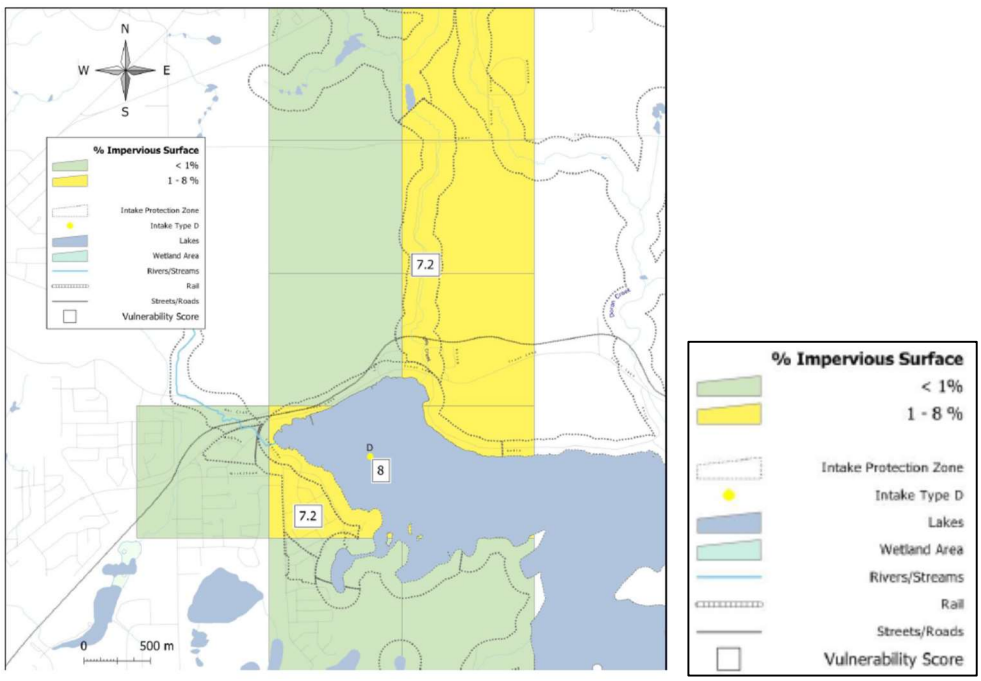

Figure 5b: Current Impervious Surface Area in North Bay Intake Protection Zone (IPZ)

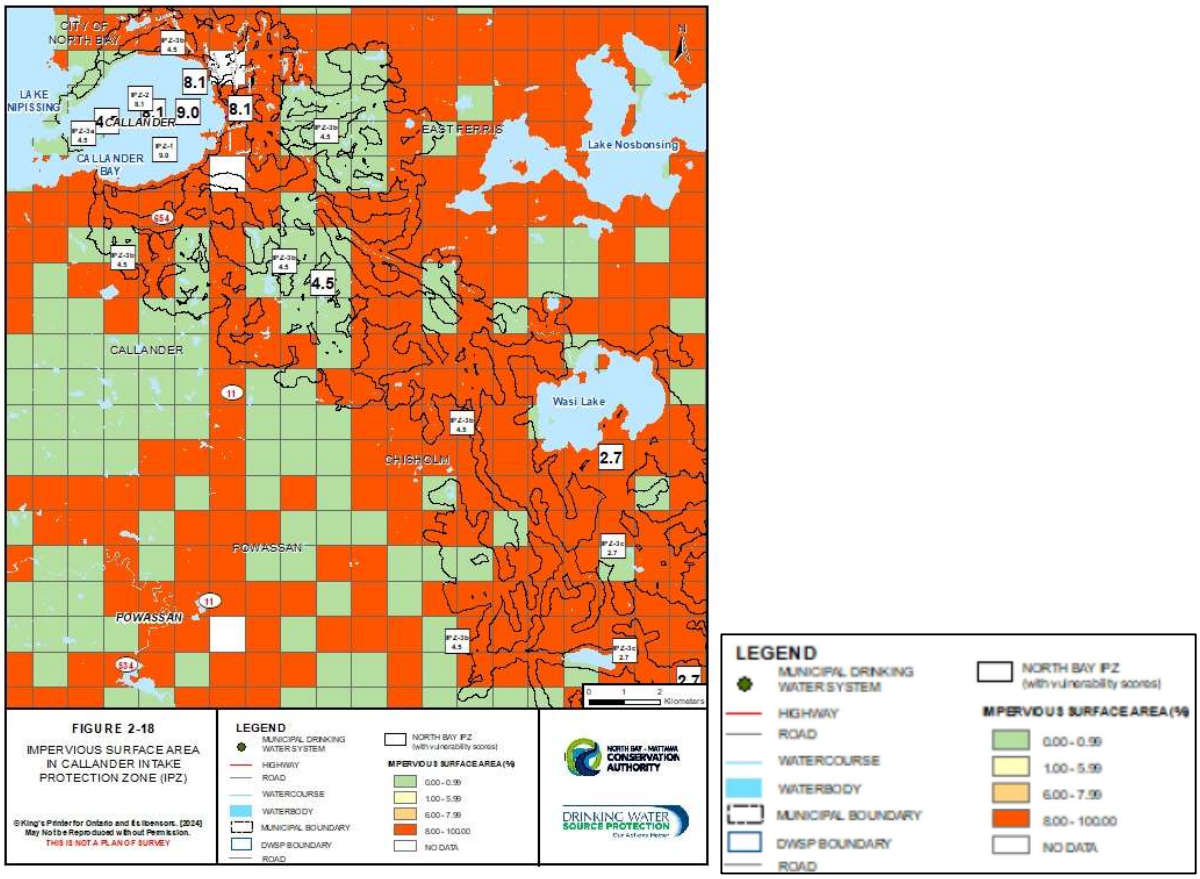

Figure 6a: Proposed Impervious Surface Area in Callander Intake Protection Zone (IPZ)

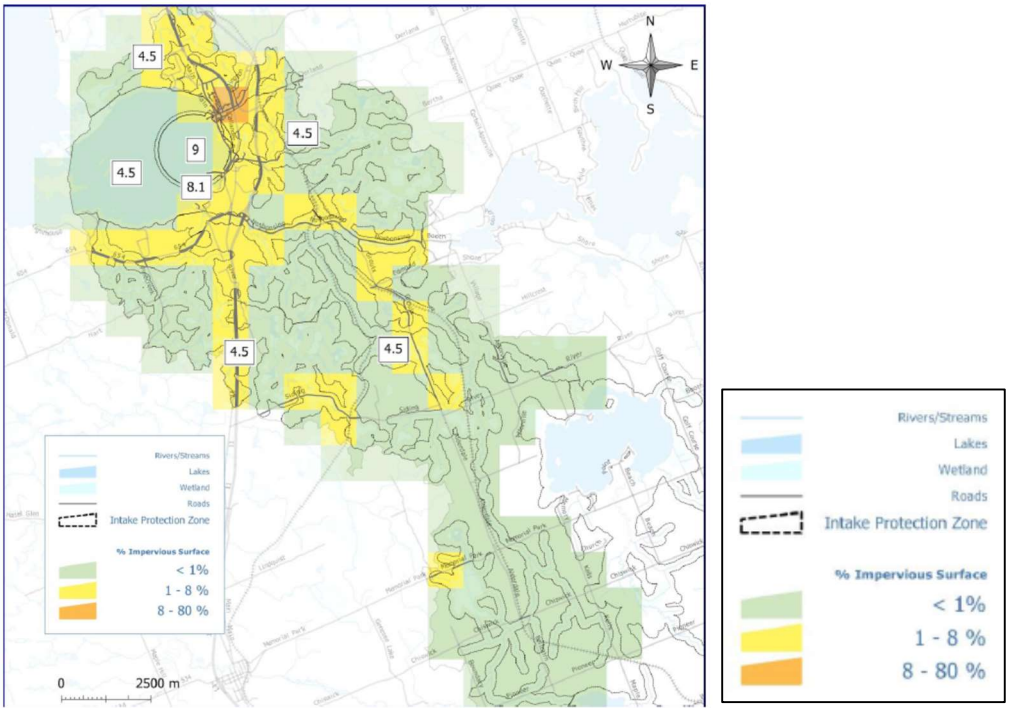

Figure 6b: Current Impervious Surface Area in Callander Intake Protection Zone (IPZ)

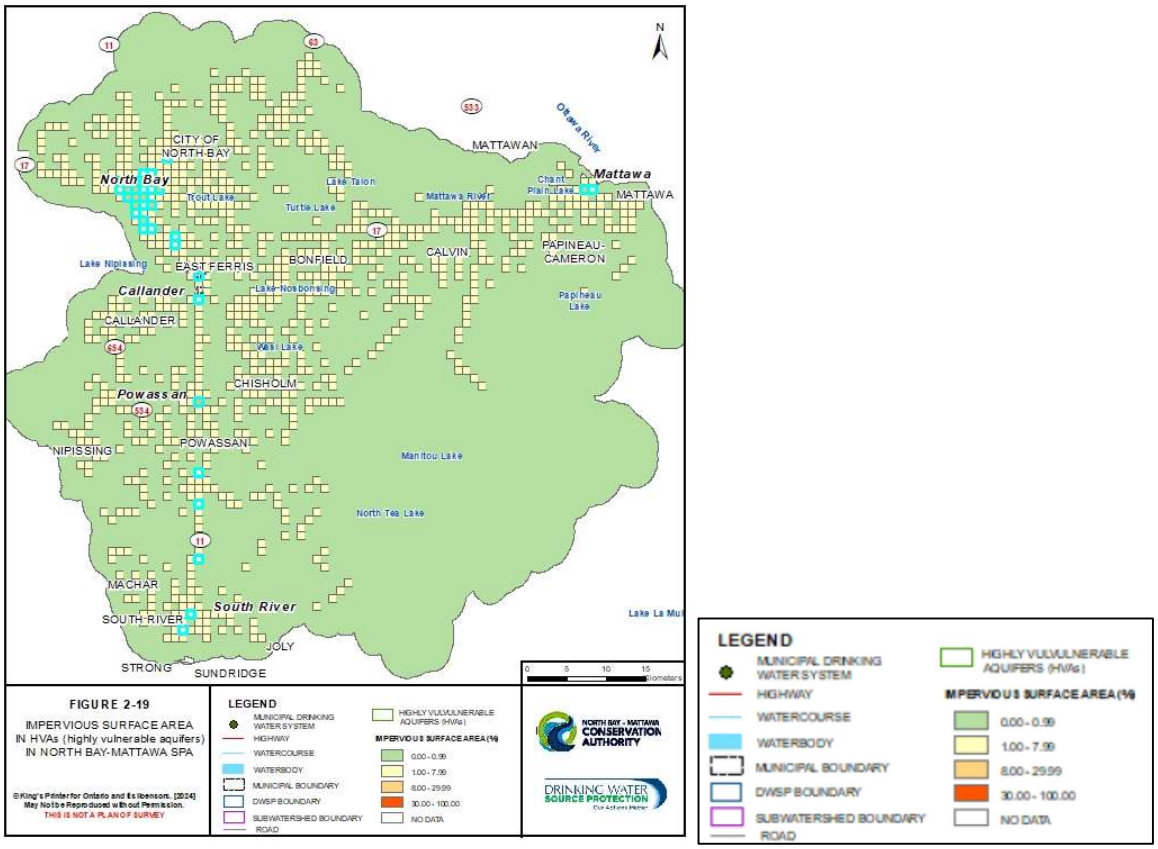

Figure 7a: Proposed Impervious Surface Area in Highly Vulnerable Aquifers (HVAs)

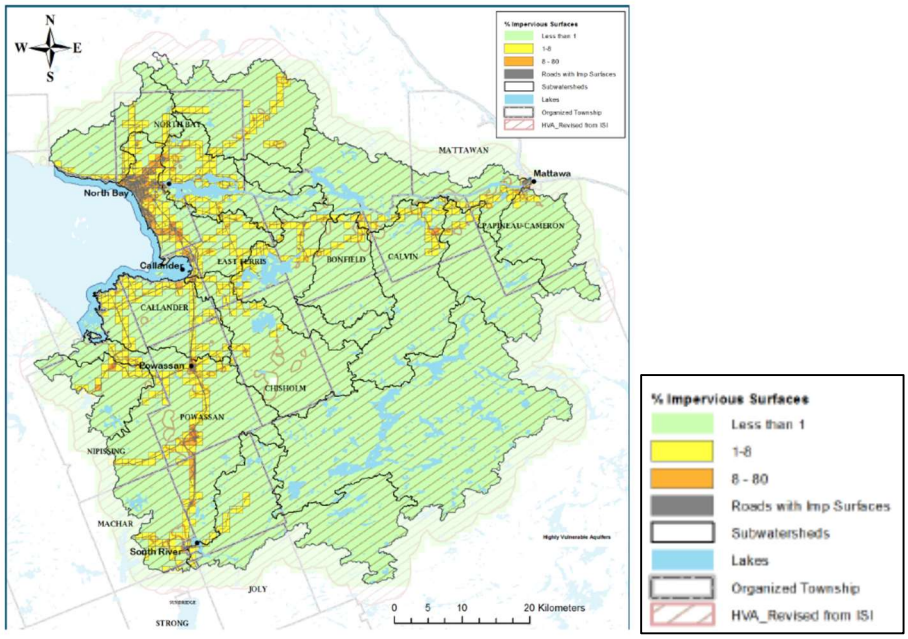

Figure 7b: Current Impervious Surface Area in Highly Vulnerable Aquifers (HVAs)