

Appendix K

Notice of Commencement and Related Consultation Records



**TRITON
ENGINEERING
SERVICES
LIMITED**
Consulting Engineers

105 Queen Street West, Unit 14
Fergus
Ontario N1M 1S6
Tel: (519) 843-3920
Fax: (519) 843-1943
Email: info@tritoneng.on.ca

ORANGEVILLE • FERGUS • HARRISTON

July 13, 2023

Ministry of Environment, Conservation and Parks (MECP)
West Central Regional Office
119 King Street West, 12th Floor
Hamilton, Ontario
L8P 4Y7

ATTENTION: eanotification.wcregion@ontario.ca

RE: **Township of Wellington North
Notice of Commencement, Schedule 'B'
Municipal Class Environmental Assessment
(Class EA)
Arthur Water System Supply Redundancy
and Storage
Our File: T4003A**

Dear Sir/Madam,

The existing water system in Arthur requires water supply redundancy and additional water storage to support expected population growth (Problem Statement). Therefore, the Township of Wellington North (Township) has retained the services of Triton Engineering Services Limited (Triton) to initiate a Schedule 'B' Municipal Class Environmental Assessment (Class EA) to identify and evaluate alternatives to address the Problem Statement and select a preferred alternative. The attached Notice of Commencement, which has been emailed to you, and is also advertised in the Wellington Advertiser Newspaper and on the Township's website, provides details of the Class EA.

The purpose of this letter is to introduce the Project and invite initial comments and feedback for consideration and influence in the decision-making process. Consultation with affected or interested stakeholders and Indigenous Communities is a key element in the planning process.

On behalf of the Township, we look forward to receiving your initial comments and feedback on the Project, which will be received until September 14, 2023. We would also appreciate confirmation of your preferred method (i.e., email and/or hard copy mail) for receiving future correspondence as it relates to this Project.

Yours very truly,

TRITON ENGINEERING SERVICES LIMITED

A handwritten signature in blue ink, appearing to read "Lindsay Scott".

Lindsay Scott, P. Eng.

Encl. Notice of Project Commencement

cc: Brooke Lambert, Chief Administrative Officer, Township of Wellington North
Corey Schmidt, Manager, Environmental and Development Services,
Township of Wellington North
Tammy Stevenson, Senior Project Manager, Township of Wellington North

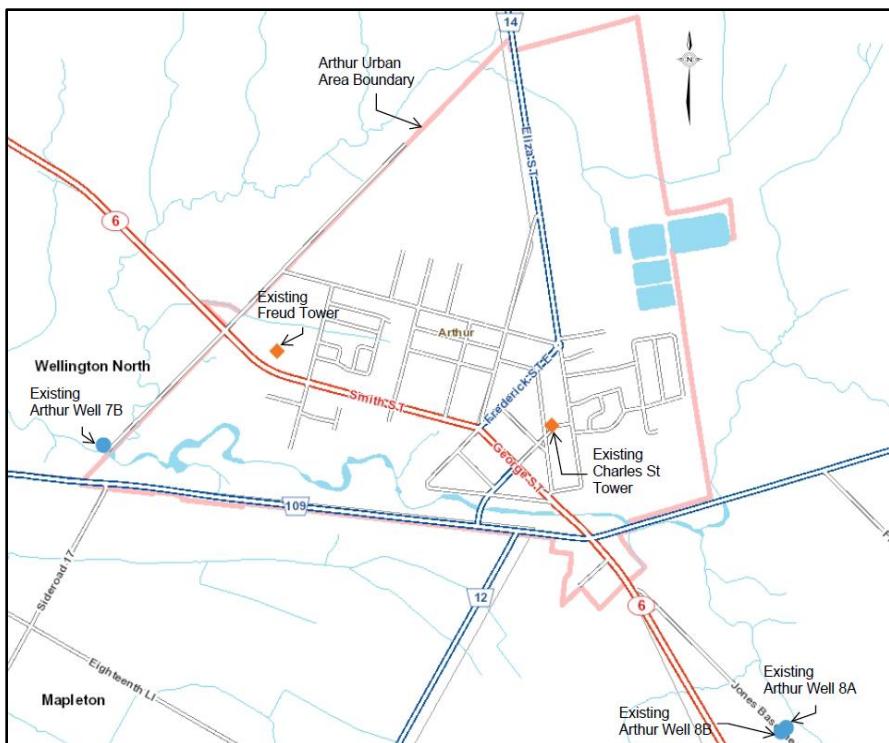


TOWNSHIP OF WELLINGTON NORTH SCHEDULE 'B' MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT ARTHUR WATER SYSTEM SUPPLY REDUNDANCY AND STORAGE

NOTICE OF COMMENCEMENT

The Project:

The community of Arthur is a growing urban community located within the Township of Wellington North (Township) that is serviced by municipal water, sanitary and stormwater systems. A Technical Study of the existing conditions of Arthur's water and sanitary systems was completed in November 2020 to review the adequacy of these systems to meet the needs of the existing community and to service future development. As a result of the Technical Study and subsequent updates, it has been determined that ***the existing Arthur water system requires water supply redundancy and additional water storage to support expected population growth*** and has therefore initiated a Municipal Class Environmental Assessment (Class EA) for the Arthur Water System. The existing water supply wells and towers in Arthur's water system are shown on the map below.



Project Team:

Lindsay Scott, P.Eng.
Consultant Project Manager
Triton Engineering Services Limited
105 Queen Street West, Unit 14
Fergus, ON N1M 1S6
(519) 843-3920 Ext. 251
lscott@tritoneng.on.ca

Corey Schmidt
Manager, Environmental and Development Services
Township of Wellington North
7490 Sideroad 7 W, P.O. Box 125
Kenilworth, ON N0G 2E0
(519) 848-3620 Ext. 4627
cschmidt@wellington-north.com

Comments submitted to the Project Team for the purpose of providing feedback regarding this Municipal Class Environmental Assessment are collected under the authority of the Environmental Assessment Act. Information will be collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record. Questions relating to the collection, use and disclosure of this information may be addressed to Corey Schmidt, Manager, Environmental and Development Services, Township of Wellington North at (519) 848-3620 Ext. 4627 or cschmidt@wellington-north.com

This Notice first issued July 13, 2023.

✓14003A

NOTICES

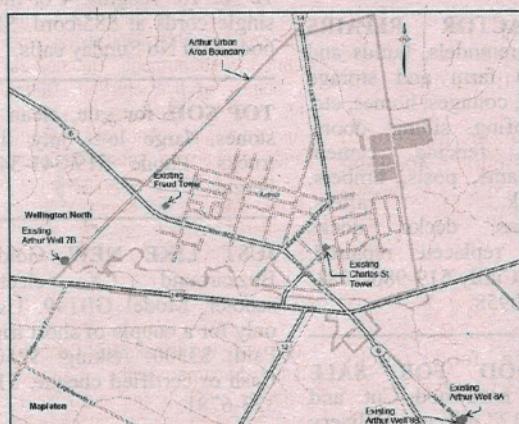


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The Process:

The project is being planned following the Schedule 'B' process in the Municipal Class Environmental Assessment (Municipal Engineers Association, March 2023) to identify and evaluate alternatives to address the water supply and storage requirements and select a preferred alternative. Consultation with affected or interested stakeholders and Indigenous Communities is a key element in the planning process.

Public Involvement:

For further information on the project, or on the planning process being followed, to be added to the study mailing list or to share information for consideration and influence in the decision-making process, please consult <https://www.wellington-north.com/government/capital-projects> or contact one of the Project Team members listed below. Initial comments are welcomed and will be received until September 14, 2023.

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Consultant Project Manager

Triton Engineering Services Limited

105 Queen Street West, Unit 14

Fergus, ON N1M 1S6

(519) 843-3920 Ext. 251

lscott@tritoneng.on.ca

Corey Schmidt

Manager, Environmental & Development Services

Township of Wellington North

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JULY 13, 2023 | THE WELLINGTON ADVERTISER | 27

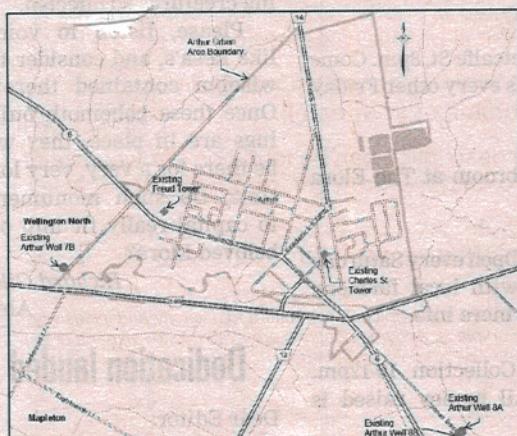


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Project Contact List
Arthur Water Supply and Storage
Schedule 'B' Class EA
Township of Wellington North

| NOTICE OF COMMENCEMENT | Stakeholder Category | Stakeholder | Title | Contact First Name | Contact Last Name | Title/Position | Street | Town/City | Province | Postal Code | Phone | Email | Notice of Commencement Letters + Notices |
|---------------------------|------------------------|--|---|--------------------|-------------------|---|---|----------------|----------|--------------|--|--|--|
| Emailed July 13, 2023 | PROVINCIAL | MECP, Environmental Assessment Branch | Director | Kathleen | O'Neill | Regional Environmental Planner, WC Region | 135 St. Clair Avenue West, 1st Floor | Toronto | Ontario | M4V 1P5 | 647-287-5664 | kathleen.oneill@ontario.ca | July 1, 2023 |
| | | MECP, Regional Office | West Central Region | Joan | Del Villar Cuicas | Planner, WC Region | 119 King St W, 12th Floor | Hamilton | Ontario | L8P 4Y7 | 905-521-7640 | eanotification.wcregion@ontario.ca | July 1, 2023 |
| | | MECP, Guelph District Office | Manager | Aaron | Todd | RETIRED | 1 Stone Road W, 4th Floor | Guelph | Ontario | N1G 4V2 | 647-633-3351 | aaron.todd@ontario.ca | July 1, 2023 |
| | | Ministry of Agriculture, Food and Rural Affairs | Manager, Planning, Information and Coordination Services | Barry | Walker | | 1 Stone Road W, 4th Floor | Guelph | Ontario | N1G 4V2 | 519-362-0027 | barry.walker@ontario.ca | July 1, 2023 |
| | | Ministry of Indigenous Affairs, Indigenous Relations and Programs Division | Assistant Deputy Minister | Michael | Reid | | 160 Bloor St, 4th Floor | Toronto | Ontario | M7A 2E6 | 416-325-0301 | michael.reid@ontario.ca | July 1, 2023 |
| | | Ministry of Municipal Affairs and Housing, Planning and Growth Division | Assistant Deputy Minister | Sean | Fraser | | 777 Bay Street, 12th Floor | Toronto | Ontario | M7A 2J3 | 416-325-5799 | sean.fraser@ontario.ca | July 1, 2023 |
| | | Ministry of Citizenship and Multiculturalism | Team Lead - Heritage, Heritage Planning Unit (Citizenship and Multiculturalism) | Barboza | | | 400 University Ave, 5th Floor | Toronto | Ontario | M7A 2R9 | 416-660-1027 | Karla.Barboza@ontario.ca | July 1, 2023 |
| | | Ministry of Citizenship and Multiculturalism | Heritage Planner, Heritage Planning Unit (Citizenship and Multiculturalism) | Joseph | Harvey | | 401 University Ave, 5th Floor | Toronto | Ontario | M7A 2R10 | 613-242-3743 | joseph.harvey@ontario.ca | July 1, 2023 |
| | | Ministry of Natural Resources and Forestry (Regional Office) | Municipal Planning Advisor | Denis | LeMoire | | 300 Water St | Peterborough | Ontario | K9J 3C7 | 705-772-8760 | denis.lemoire@ontario.ca | July 1, 2023 |
| | | Ministry of Natural Resources and Forestry (District Office) | District Supervisor | Ian | Thornton | | 1 Stone Road W, Ontario Gvmt Bldg | Guelph | Ontario | N1G 4V2 | 519-820-5050 | ian.thornton@ontario.ca | July 1, 2023 |
| | | Ministry of Transportation | Assistant Deputy Minister | Jonathan | Lebi | | 438 University Ave, 12th Floor | Toronto | Ontario | M7A 1Z8 | 647-302-7129 | Jonathan.lebi@ontario.ca | July 1, 2023 |
| | | Fisheries and Oceans Canada | Regional Environmental Assessment Analyst | | | | 867 Lakeshore Road | Burlington | Ontario | L7S 1A1 | 905-336-4999 | info@fmpo.gc.ca | July 1, 2023 |
| | | Ontario Provincial Police, Wellington County | | | | | 6725 Wellington County Road 109, PO Box 729 | RR1 Palmerston | Ontario | N0G 2P0 | 519-343-5770 | OPP.Wellington.County@opp.ca | July 1, 2023 |
| Emailed July 13, 2023 | CONSERVATION AUTHORITY | Grand River Conservation Authority | Planner, Wellington North | Jessica | Conroy | | 400 Clyde Road, PO Box 729 | Cambridge | Ontario | N1R 5W6 | 519-621-2763 Ext. 2230 | jconroy@grandriver.ca | July 1, 2023 |
| | | Grand River Conservation Authority | Manager of Water Resources | Janet | Ivey | | 400 Clyde Road, PO Box 729 | Cambridge | Ontario | N1R 5W6 | 519-621-2763 Ext. 2128 | jivey@grandriver.ca | July 1, 2023 |
| | | Grand River Conservation Authority | Manager of Water Infrastructure | Katelyn | Lynch | | 400 Clyde Road, PO Box 729 | Cambridge | Ontario | N1R 5W6 | 519-621-2763 Ext. 2262 | klynch@grandriver.ca | July 1, 2023 |
| | | Grand River Conservation Authority | Assistant Supervisor of Resource Planning | Laura | Warner | | 400 Clyde Road, PO Box 729 | Cambridge | Ontario | N1R 5W6 | 519-621-2763 Ext. 2231 | lwarner@grandriver.ca | July 1, 2023 |
| | | Wellington Source Water Protection | Risk Management Official | Kyle | Davis | | 400 Clyde Road, PO Box 729 | Cambridge | Ontario | N1R 5W6 | 519-846-9691 Ext. 362 | kdavis@centrewellington.ca | July 1, 2023 |
| | | Wellington Source Water Protection | Risk Management Inspector/Source Protection Coordinator | Emily | Vandermeulen | | 400 Clyde Road, PO Box 729 | Cambridge | Ontario | N1R 5W6 | 519-846-9691 Ext. 365 | evandermeulen@centrewellington.ca | July 1, 2023 |
| Emailed July 13, 2023 | MUNICIPAL | Township of Wellington North | Mayor | Andy | Lennox | | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | NOG 2E0 | 226-979-3317 | alennox@wellington-north.ca | July 1, 2023 |
| | | Township of Wellington North | Ward 1 Councillor | Penny | Renken | | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | NOG 2E0 | 519-321-9217 | prenken@wellington-north.ca | July 1, 2023 |
| | | Township of Wellington North | Ward 2 Councillor | Sherry | Burke | | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | NOG 2E0 | 519-323-2604 | sburke@wellington-north.ca | July 1, 2023 |
| | | Township of Wellington North | Ward 3 Councillor | Lisa | Hern | | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | NOG 2E0 | 519-321-1598 | lfern@wellington-north.ca | July 1, 2023 |
| | | Township of Wellington North | Ward 4 Councillor | Steve | McCabe | | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | NOG 2E0 | 519-321-9352 | smccabe@wellington-north.ca | July 1, 2023 |
| | | Township of Wellington North | CAO | Brooke | Lambert | | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | NOG 2E0 | 519-848-3620 Ext. 4225 | blambert@wellington-north.com | July 1, 2023 |
| | | Township of Wellington North | Senior Project Manager, Operations | Tammy | Stevenson | | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | NOG 2E0 | 519-848-3620 Ext. 4629 | tstevenson@wellington-north.com | July 1, 2023 |
| | | Township of Wellington North | Manager, Transportation Services | Dale | Clark | | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | NOG 2E0 | 519-848-3620 Ext. 4521 | dclark@wellington-north.com | July 1, 2023 |
| | | Township of Wellington North | Urban Supervisor, Transportation Services | Andy | Morrison | | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | NOG 2E0 | 519-848-3620 Ext. 4524 | amorrison@wellington-north.com | July 1, 2023 |
| | | Township of Wellington North | Economic Development Officer | Dale | Small | | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | NOG 2E0 | 519-848-3620 Ext. 4234 | dsmall@wellington-north.com | July 1, 2023 |
| | | Township of Wellington North | Director Legislative Services/Clerk | Karen | Wallace | | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | NOG 2E0 | 519-848-3620 Ext. 4222 | kwallace@wellington-north.com | July 1, 2023 |
| | | Township of Wellington North | Deputy Clerk | Cathy | Conrad | | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | NOG 2E0 | 519-848-3620 Ext. 4221 | cconrad@wellington-north.com | July 1, 2023 |
| | | Township of Wellington North | Deputy Treasurer/Tax | Mary Jo | Marshall | | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | NOG 2E0 | 519-848-3620 Ext. 4229 | jmarshall@wellington-north.com | July 1, 2023 |
| | | Township of Wellington North | Manager, Environmental and Development Services | Corey | Schmidt | | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | NOG 2E0 | 519-848-3620 Ext. 4527 | csmith@wellington-north.com | July 1, 2023 |
| | | Township of Wellington North | Process Compliance Analyst | Sara | McDougall | | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | NOG 2E0 | 519-848-3620 Ext. 4628 | smcdougall@wellington-north.com | July 1, 2023 |
| | | Township of Wellington North | Chief Building Official | Darren | Jones | | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | NOG 2E0 | 519-848-3620 Ext. 4462 | djones@wellington-north.com | July 1, 2023 |
| | | Township of Wellington North | Director of Planning and Development | Aldo | Salis | | 74 Woolwich Street | Guelph | Ontario | N1H 3T9 | 519-837-2600 Ext. 2100 | aldos@wellington.ca | July 1, 2023 |
| | | Township of Wellington North | Ward 3 Councillor | Campbell | Cork | | 74 Woolwich Street | Guelph | Ontario | N1H 3T9 | 519-400-8953 | campbell@wellington.ca | July 1, 2023 |
| | | Township of Wellington North | Ward 4 Councillor | Steve | O'Neill | | 74 Woolwich Street | Guelph | Ontario | N1H 3T9 | 519-400-3571 | steve@wellington.ca | July 1, 2023 |
| | | Arthur & District Chamber of Commerce | Director of Fire Services | Chris | Harrow | | 146 George St, P.O. Box 519 | Arthur | Ontario | NOG1A0 | 519-848-5603 | achamber@wightman.ca | July 1, 2023 |
| | | Township of Wellington North | Deputy Fire Chief | Marco | Guidotti | | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | NOG 2E0 | 519-323-1411 | charrow@wellington-north.com | July 1, 2023 |
| | | Wellington Federation of Agriculture | Director, Township of Wellington North | Gregory | Dineen | | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | NOG 2E0 | 519-321-1102 | mguidotti@wellington-north.com | July 1, 2023 |
| | | Wellington Federation of Agriculture | Director, Township of Wellington North | Katie | Normet | | RR2 Kenilworth | Ontario | NOG 2E0 | 519-616-7588 | gsdineen@gmail.com | July 1, 2023 | |
| | | Administrator, Wellington County Museum and Archives | Director, Township and Administrator North | Jana | Burns | | RR2 Kenilworth | Ontario | NOG 2E0 | 519-848-2203 | rr2kenilworth@wellington-north.ca | July 1, 2023 | |
| Emailed July 13, 2023 | UTILITIES | Wellington North Power | Interim Chief Operating Officer | Raymond | Peterson | | 0536 Wellington Road 18 | Fergus | Ontario | N1M 2W3 | 519-846-0916 Ext. 5222 | janab@wellington.ca | July 1, 2023 |
| | | Hydro One Networks Inc. | Supervising Distribution Tech. | Ahmad | Nouman | | 290 Queen St W | Mount Forest | Ontario | NOG 2L3 | 519-323-1710 | rpeterson@wellingtonnorthpower.com | July 1, 2023 |
| | | Rogers Communications , South Western Ontario Region | Municipal & Utility Relations | Richard | Bolliger | | 430 Clair Road West | Guelph | Ontario | N1L 0H7 | 519-535-7361 | ahmad.nouman@hydroone.com | July 1, |

Summary of Responses to Notice of Commencement
 Arthur Water Supply and Storage
 Schedule 'B' Class EA
 Township of Wellington North

| Date of Response | Respondent | Respondent Details | Format of Response | Response Comments | Action Taken |
|------------------|---|--|--------------------|---|--|
| 13-Jul-23 | Ministry of the Environment, Conservation and Parks | Automatic Reply: EA Notices to WCRegion eanotification.wcregion@ontario.ca | Email | Acknowledged receipt of email (Notice of Commencement) and provided confirmation that an Environmental Resource Planner & EA Coordinator will be | Noted. |
| 18-Jul-23 | Six Nations | Peter Graham LRCS@sixnations.ca | Email | Acknowledged receipt of Notice of Commencement and requested to be informed when alternative locations have | Noted. |
| 18-Jul-23 | Six Nations | Tammy Martin COS, SNGREC 519-717-5637 tammymartin@sixnations.ca | Email | Acknowledged receipt of Notice of Commencement and noted that it is being shared with the Directors of Lands and Resources, Lonny and Tayler, who will be | Noted. |
| 20-Jul-23 | Ministry of Northern Development, Mines, Natural Resources and Forestry | Catherine Warren Regional Planner Ministry of Natural Resources and Forestry 705-772-9012 Catherine.warren@ontario.ca | Letter via email | Acknowledged receipt of Notice of Commencement. Provided information to guide the proponent in identifying and assessing natural features and resources, as | Used the guidance information in planning the project and preparing project documentation (i.e., Project File Report). |
| 9-Aug-23 | Ministry of Citizenship and Multiculturalism | Joseph Harvey Heritage Planner Heritage Planning Unit joseph.harvey@ontario.ca | Letter via email | Acknowledged receipt of Notice of Commencement. Provided information to guide the proponent in identifying Cultural Heritage | Used the guidance information in planning the project and preparing project documentation (i.e., Project File Report). |
| 28-Aug-23 | Metis Nation of Ontario | Laura Desaulniers Environmental Advisor Lands, Resources & Consultations (LRC) Branch 807-375-0208 LauraD@metisnation.org | Email | Acknowledged receipt of Notice of Commencement and provided an email address for future notifications. | Updated project contact list for future notifications. |
| 14-Sep-23 | Grand River Conservation Authority | Jessica Conroy, MES Pl. Resource Planner 519-621-2763 ext. 2230 jconroy@grandriver.ca | Letter via email | Acknowledged receipt of Notice of Commencement and requested to remain notified as the project progresses and information is available. Noted the presence of natural hazards and natural features within the Study | Noted the comments received and considered this in planning the project. |
| 13-Oct-23 | Ministry of the Environment, Conservation and Parks | Joan Del Villar Cuicas Regional Environmental Planner - West Central Region Project Review Unit, Environmental Assessment Branch joan.delvillarcuicas@ontario.ca | Letter via email | Acknowledged receipt of Notice of Commencement and provided guidance regarding the Ministry's interests with respect to the Class EA process and documentation requirements, including duty to consult Aboriginal communities. | Used the guidance information in planning the project and preparing project documentation (i.e., Project File Report). |
| 9-Nov-23 | SCS Consulting Group Ltd. | Julie Bottos, A.Sc.T. SCS Consulting Group Ltd. 30 Centurian Drive, Site 100 Markham, ON L3R 8B8 jbottos@scsconsultinggroup.com 905-475-1900 x2351 | Email | Requested to be added to the Class EA Project Contact List. | Updated Project Contact List. |
| 2-Jan-24 | SCS Consulting Group Ltd. | Logan Winternute, EIT SCS Consulting Group Ltd. 30 Centurian Drive, Suite 100 Markham, ON L3R 8B8 lwinternute@scsconsultinggroup.com 905-475-1900 x 3000 | Email | Requested information regarding the anticipated timelines associated with the Staged Development Scenarios as outlined in the Arthur Water and Sanitary Systems Technical Study (Triton, 2020). Requested to be added to the Class EA Project Contact List. | Updated Project Contact List. |
| 12-Jun-24 | Six Nations | Peter Graham LRCS@sixnations.ca | Email | Acknowledged receipt of Notice of Commencement and requested to remain notified as the project progresses, with email as the preferred method of communication. | Updated the Project Contact List, noting email as the preferred method of correspondence for future communications. |



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Lindsay Scott, P. Eng.

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Corey Schmidt, Manager, Environmental and Development Services,
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Tammy Stevenson, Senior Project Manager, Township of Wellington North

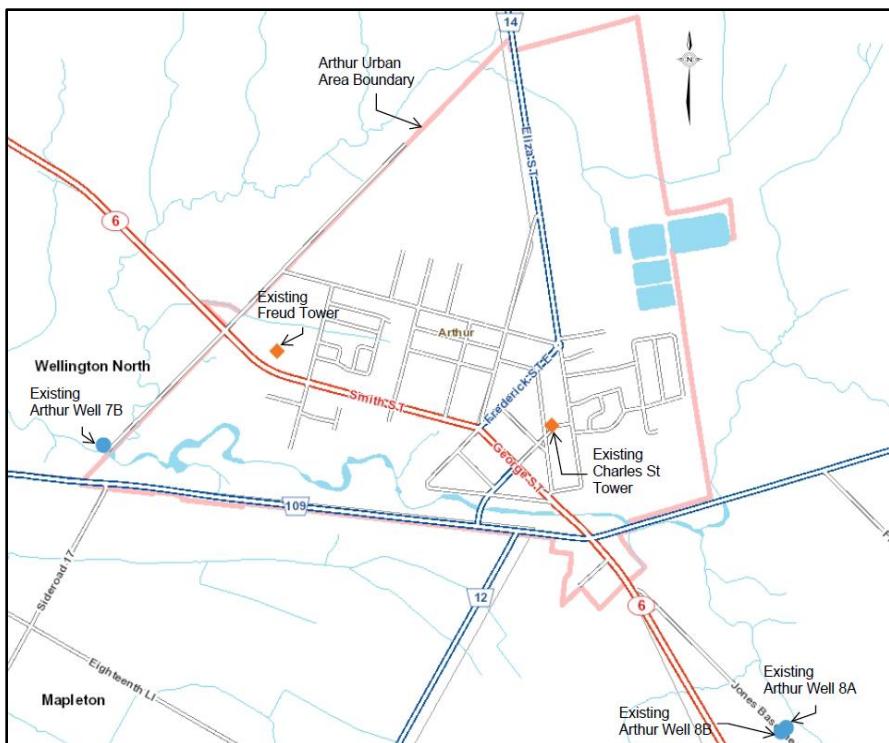


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Corey Schmidt
Manager, Environmental and Development Services
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Comments submitted to the Project Team for the purpose of providing feedback regarding this Municipal Class Environmental Assessment are collected under the authority of the Environmental Assessment Act. Information will be collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record. Questions relating to the collection, use and disclosure of this information may be addressed to Corey Schmidt, Manager, Environmental and Development Services, Township of Wellington North at (519) 848-3620 Ext. 4627 or cschmidt@wellington-north.com

This Notice first issued July 13, 2023.

Client's Guide to Preliminary Screening for Species at Risk

Ministry of the Environment, Conservation and Parks

Species at Risk Branch, Permissions and Compliance

DRAFT - May 2019

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1.0 Purpose, Scope, Background and Context

1.1 Purpose of this Guide

This guide has been created to:

- help clients better understand their obligation to gather information and complete a preliminary screening for species at risk before contacting the ministry,
- outline guidance and advice clients can expect to receive from the ministry at the preliminary screening stage,
- help clients understand how they can gather information about species at risk by accessing publicly available information housed by the Government of Ontario, and
- provide a list of other potential sources of species at risk information that exist outside the Government of Ontario.

It remains the client's responsibility to:

- carry out a preliminary screening for their projects,
- obtain best available information from all applicable information sources,
- conduct any necessary field studies or inventories to identify and confirm the presence or absence of species at risk or their habitat,
- consider any potential impacts to species at risk that a proposed activity might cause, and
- comply with the *Endangered Species Act* (ESA).

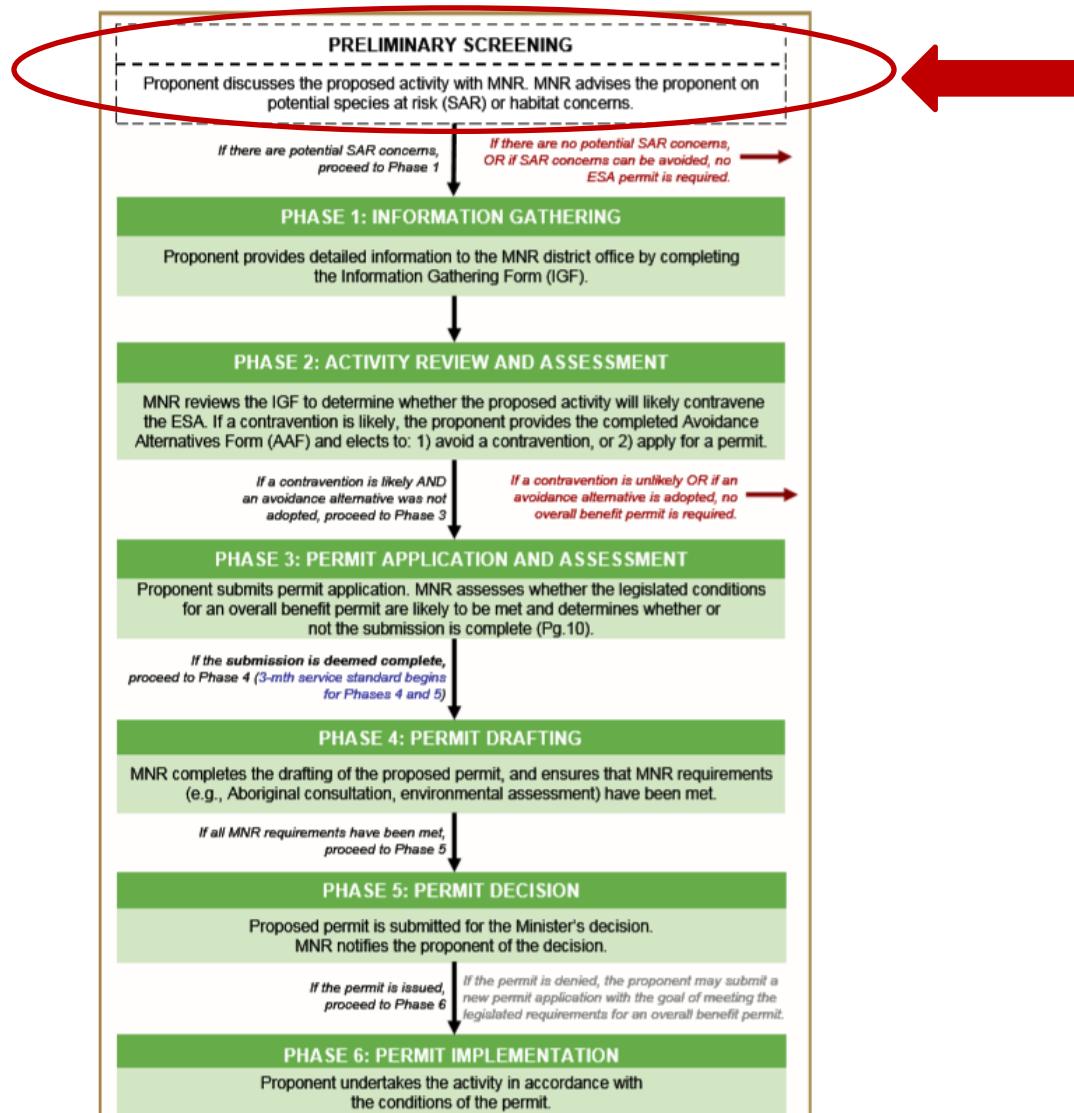
To provide the most efficient service, clients should initiate species at risk screenings and seek information from all applicable information sources identified in this guide, at a minimum, prior to contacting Government of Ontario ministry offices for further information or advice.

1.2 Scope

This guide is a resource for clients seeking to understand if their activity is likely to impact species at risk or if they are likely to trigger the need for an authorization under the ESA. It is not intended to circumvent any detailed site surveys that may be necessary to document species at risk or their habitat nor to circumvent the need to assess the impacts of a proposed activity on species at risk or their habitat. This guide is not an exhaustive list of available information sources for any given area as the availability of information on species at risk and their habitat varies across the province. This guide is intended to support projects and activities carried out on Crown and private land, by private landowners, businesses, other provincial ministries and agencies, or municipal government.

1.3 Background and Context

To receive advice on their proposed activity, clients must first determine whether any species at risk or their habitat exist or are likely to exist at or near their proposed activity, and whether their proposed activity is likely to contravene the ESA. Once this step is complete, clients may contact the ministry at SAROntario@ontario.ca to discuss the main purpose, general methods, timing and location of their proposed activity as well as information obtained about species at risk and their habitat at, or near, the site. At this stage, the ministry can provide advice and guidance to the client about potential species at risk or habitat concerns, measures that the client is considering to avoid adverse effects on species at risk or their habitat and whether additional field surveys are advisable. This is referred to as the “Preliminary Screening” stage. For more information on additional phases in the diagram below, please refer to the *Endangered Species Act Submission Standards for Activity Review and 17(2)(c) Overall Benefit Permits* policy available online at <https://www.ontario.ca/page/species-risk-overall-benefit-permits>. Please note: any reference to MNR in the diagram is replaced by MECP.



2.0 Roles and Responsibilities

To provide the most efficient service, clients should initiate species at risk screenings and seek information from all applicable information sources identified in this guide prior to contacting Government of Ontario ministry offices for further information or advice.

Step 1: Client seeks information regarding species at risk or their habitat that exist, or are likely to exist, at or near their proposed activity by referring to all applicable information sources identified in this guide.

Step 2: Client reviews and consider guidance on whether their proposed activity is likely to contravene the ESA (see section 3.4 of this guide for guidance on what to consider).

Step 3: Client gathers information identified in the checklist in section 4 of this guide.

Step 4: Client contacts the ministry at SAROntario@ontario.ca to discuss their preliminary screening. Ministry staff will ask the client questions about the main purpose, general methods, timing and location of their proposed activity as well as information obtained about species at risk and their habitat at, or near, the site. Ministry staff will also ask the client for their interpretation of the impacts of their activity on species at risk or their habitat as well as measures the client has considered to avoid any adverse impacts.

Step 5: Ministry staff will provide advice on next steps.

Option A: Ministry staff may advise the client they can proceed with their activity without an authorization under the ESA where the ministry is confident that:

- no protected species at risk or habitats are likely to be present at or near the proposed location of the activity; or
- protected species at risk or habitats are known to be present but the activity is not likely to contravene the ESA; or
- through the adoption of avoidance measures, the modified activity is not likely to contravene the ESA.

Option B: Ministry staff may advise the client to proceed to Phase 1 of the overall benefit permitting process (i.e. Information Gathering in the previous diagram), where:

- there is uncertainty as to whether any protected species at risk or habitats are present at or near the proposed location of the activity; or
- the potential impacts of the proposed activity are uncertain; or
- ministry staff anticipate the proposed activity is likely to contravene the ESA.

3.0 Information Sources

Land Information Ontario (LIO) and the Natural Heritage Information Centre (NHIC) maintain and provide information about species at risk, as well as related information about fisheries, wildlife, crown lands, protected lands and more. This information is made available to organizations, private individuals, consultants, and developers through online sources and is often considered under various pieces of legislation or as part of regulatory approvals and planning processes.

The information available from LIO or NHIC and the sources listed in this guide should not be considered as a substitute for site visits and appropriate field surveys. Generally, this information can be regarded as a starting point from which to conduct further field surveys, if needed. While this data represents best available current information, it is important to note that a lack of information for a site does not mean that species at risk or their habitat are not present. There are many areas where the Government of Ontario does not currently have information, especially in more remote parts of the province. The absence of species at risk location data at or near your site does not necessarily mean no species at risk are present at that location. On-site assessments can better verify site conditions, identify and confirm presence of species at risk and/or their habitats.

Information on the location (i.e. observations and occurrences) of species at risk is considered sensitive and therefore publicly available only on a 1km square grid as opposed to as a detailed point on a map. This generalized information can help you understand which species at risk are in the general vicinity of your proposed activity and can help inform field level studies you may want to undertake to confirm the presence, or absence of species at risk at or near your site.

Should you require specific and detailed information pertaining to species at risk observations and occurrences at or near your site on a finer geographic scale; you will be required to demonstrate your need to access this information, to complete data sensitivity training and to obtain a Sensitive Data Use License from the NHIC. Information on how to obtain a license can be found online at <https://www.ontario.ca/page/get-natural-heritage-information>.

Many organizations (e.g. other Ontario ministries, municipalities, conservation authorities) have ongoing licensing to access this data so be sure to check if your organization has this access and consult this data as part of your preliminary screening if your organization already has a license.

3.1 Make a Map: Natural Heritage Areas

The Make a Natural Heritage Area Map (available online at <https://www.ontario.ca/page/make-natural-heritage-area-map>) provides public access to natural heritage information, including species at risk, without the user needing to have Geographic Information System (GIS) capability. It allows users to view and identify generalized species at risk information, mark areas of interest, and create and print a custom map directly from the web application. The tool also shows topographic information such as roads, rivers, contours and municipal boundaries.

Users are advised that sensitive information has been removed from the natural areas dataset and the occurrences of species at risk has been generalized to a 1-kilometre grid to mitigate the risks to the species (e.g. illegal harvest, habitat disturbance, poaching).

The web-based mapping tool displays natural heritage data, including:

- Generalized Species at risk occurrence data (based on a 1-km square grid),
- Natural Heritage Information Centre data.

Data cannot be downloaded directly from this web map; however, information included in this application is available digitally through Land Information Ontario (LIO) at <https://www.ontario.ca/page/land-information-ontario>.

3.2 Land Information Ontario (LIO)

Most natural heritage data is publicly available. This data is managed in a large provincial corporate database called the LIO Warehouse and can be accessed online through the LIO Metadata Management Tool at

<https://www.javacoeapp.lrc.gov.on.ca/geonetwork/srv/en/main.home>. This tool provides descriptive information about the characteristics, quality and context of the data. Publicly available geospatial data can be downloaded directly from this site.

While most data are publicly available, some data may be considered highly sensitive (i.e. nursery areas for fish, species at risk observations) and as such, access to some data maybe restricted.

3.3 Additional Species at Risk Information Sources

- The Breeding Bird Atlas can be accessed online at <http://www.birdsontario.org/atlas/index.jsp?lang=en>
- eBird can be accessed online at <https://ebird.org/home>
- iNaturalist can be accessed online at <https://www.inaturalist.org/>
- The Ontario Reptile and Amphibian Atlas can be accessed online at <https://ontariornature.org/programs/citizen-science/reptile-amphibian-atlas>
- Your local Conservation Authority. Information to help you find your local Conservation Authority can be accessed online at <https://conservationontario.ca/conservation-authorities/find-a-conservation-authority/>

Local naturalist groups or other similar community-based organizations

- Local Indigenous communities
- Local land trusts or other similar Environmental Non-Government Organizations
- Field level studies to identify if species at risk, or their habitat, are likely present or absent at or near the site.
- When an activity is proposed within one of the continuous caribou ranges, please be sure to consider the caribou Range Management Policy. This policy includes figures and maps of the continuous caribou range, can be found online at <https://www.ontario.ca/page/range-management-policy-support-woodland-caribou-conservation-and-recovery>

3.4 Information Sources to Support Impact Assessments

- Guidance to help you understand if your activity is likely to adversely impact species at risk or their habitat can be found online at <https://www.ontario.ca/page/policy-guidance-harm-and-harass-under-endangered-species-act> and <https://www.ontario.ca/page/categorizing-and-protecting-habitat-under-endangered-species-act>
- A list of species at risk in Ontario is available online at <https://www.ontario.ca/page/species-risk-ontario>. On this webpage, you can find out more about each species, including where it lives, what threatens it and any specific habitat protections that apply to it by clicking on the photo of the species.

4.0 Check-List

Please feel free to use the check list below to help you confirm you have explored all applicable information sources and to support your discussion with Ministry staff at the preliminary screening stage.

- ✓ Land Information Ontario (LIO)
- ✓ Natural Heritage Information Centre (NHIC)
- ✓ The Breeding Bird Atlas
- ✓ eBird
- ✓ iNaturalist
- ✓ Ontario Reptile and Amphibian Atlas
- ✓ List Conservation Authorities you contacted: _____

- ✓ List local naturalist groups you contacted: _____

- ✓ List local Indigenous communities you contacted: _____

- ✓ List any other local land trusts or Environmental Non-Government Organizations you contacted: _____

- ✓ List and field studies that were conducted to identify species at risk, or their habitat, likely to be present or absent at or near the site: _____

- ✓ List what you think the likely impacts of your activity are on species at risk and their habitat (e.g. damage or destruction of habitat, killing, harming or harassing species at risk): _____

July 20, 2023

Dear Shari Page, Lindsay Scott and Corey Schmidt,

SUBJECT: Township of Wellington North Schedule 'B' Municipal Class Environmental Assessment, Arthur Water System Supply Redundancy And Storage, Notice Of Commencement

The Ministry of Natural Resources and Forestry (MNRF) received the Township of Wellington North Schedule 'B' Municipal Class Environmental Assessment, Arthur Water System Supply Redundancy And Storage, Notice Of Commencement on July 13, 2023. Thank you for circulating this to our office. Please note that we have not completed a screening of natural heritage or other resource values for the project at this time. This response, however, does provide information to guide you in identifying and assessing natural features and resources as required by applicable policies and legislation, as well as engaging with the Ministry for advice as needed.

Please also note that it is the proponent's responsibility to be aware of, and comply with, all relevant federal or provincial legislation, municipal by-laws or other agency approvals.

Natural Heritage

MNRF's natural heritage and natural resources GIS data layers can be obtained through the Ministry's [Land Information Ontario \(LIO\)](#) website. You may also view natural heritage information online (e.g., Provincially Significant Wetlands, ANSI's, woodlands, etc.) using the [Make a Map: Natural Heritage Areas](#) tool.

We recommend that you use the above-noted sources of information during the review of your project proposal.

Natural Hazards

A series of natural hazard technical guides developed by MNRF are available to support municipalities and conservation authorities implement the natural hazard policies in the Provincial Policy Statement (PPS). For example, standards to address flood risks and the potential impacts and costs from riverine flooding are addressed in the *Technical Guide River and Stream Systems: Flooding Hazard Limit* (2002). We recommend that you consider these technical guides as you assess specific improvement projects that can be undertaken to reduce the risk of flooding.

Petroleum Wells & Oil, Gas and Salt Resources Act

There may be petroleum wells within the proposed project area. Please consult the Ontario Oil, Gas and Salt Resources Library website (www.ogsrlibrary.com) for the best-known data on any wells recorded by MNRF. Please reference the 'Definitions and Terminology Guide' listed in the publications on the library website to better understand the well information available. Any oil and gas wells in your project area are regulated by the *Oil, Gas and Salt Resource Act*, and the supporting regulations and operating standards. If any unanticipated wells are encountered during development of the project, or if the proponent has questions regarding petroleum operations, the proponent should contact the Petroleum Operations Section at POSRecords@ontario.ca or 519-873-4634.

Fish and Wildlife Conservation Act

Please note, that should the project require:

- The relocation of fish outside of the work area, a Licence to Collect Fish for Scientific Purposes under the *Fish and Wildlife Conservation Act* will be required.
- The relocation of wildlife outside of the work area (including amphibians, reptiles, and small mammals), a Wildlife Collector's Authorization under the *Fish and Wildlife Conservation Act* will be required.

Public Lands Act & Lakes and Rivers Improvement Act

Some Project may be subject to the provisions of the *Public Lands Act* or *Lakes and River Improvement Act*. Please review the information on MNRF's web pages provided below regarding when an approval is, or is not, required. Please note that many of the authorizations under the *Lakes and Rivers Improvement Act* are administered by the local Conservation Authority.

- For more information about the *Public Lands Act*: <https://www.ontario.ca/page/crown-land-work-permits>
- For more information about the *Lakes and Rivers Improvement Act*: <https://www.ontario.ca/page/lakes-and-rivers-improvement-act-administrative-guide>

After reviewing the information provided, if you have not identified any of MNRF's interests stated above, there is no need to circulate any subsequent notices to our office. If you have identified any of MNRF's interests and/or may require permit(s) or further technical advice, please direct your specific questions to our office.

If you have any questions or concerns, please feel free to contact me.

Best Regards,

[original signed by]

Catherine Warren
Regional Planner
Ministry of Natural Resources and Forestry (MNRF)
705-772-9012
Catherine.warren@ontario.ca

**Ministry of Citizenship
and Multiculturalism**

Heritage Planning Unit
Heritage Branch
Citizenship, Inclusion and
Heritage Division
5th Flr, 400 University Ave
Tel.: 613.242.3743

**Ministère des Affaires civiques
et du Multiculturalisme**

Unité de la planification relative au
patrimoine
Direction du patrimoine
Division des affaires civiques, de
l'inclusion et du patrimoine
Tél.: 613.242.3743



August 9, 2023

EMAIL ONLY

Lindsay Scott, P.Eng.
Consultant Project Manager
Triton Engineering Services Limited
105 Queen Street West, Unit 14
Fergus, ON N1M 1S6
lscott@tritoneng.on.ca

MCM File : **0019687**
Proponent : **Township of Wellington North**
Subject : **Municipal Class EA – Schedule B – Notice of Commencement**
Project : **Municipal Class Environmental Assessment**
(Class EA) - Arthur Water System Supply Redundancy
and Storage
Location : **Township of Wellington North**

Dear Lindsay Scott:

Thank you for providing the Ministry of Citizenship and Multiculturalism (MCM) with the Notice of Commencement for the above-referenced project.

MCM's interest in this project relates to its mandate of conserving Ontario's cultural heritage, which includes:

- archaeological resources, including land and marine);
- built heritage resources, including bridges and monuments; and
- cultural heritage landscapes.

Under the EA process, the proponent is required to determine a project's potential impact on known (previously recognized) and potential cultural heritage resources.

Project Summary

The existing water system in Arthur requires water supply redundancy and additional water storage to support expected population growth. Therefore, the Township of Wellington North has retained the services of Triton Engineering Services Limited to initiate a Schedule 'B' Municipal Class Environmental Assessment (Class EA) to identify and evaluate alternatives to address the Problem Statement and select a preferred alternative.

Identifying Cultural Heritage Resources

While some cultural heritage resources may have already been formally identified, others may be identified through screening and evaluation.

Archaeological Resources

This EA project may impact archaeological resources and should be screened using the Ministry's [Criteria for Evaluating Archaeological Potential](#) to determine if an archaeological assessment is needed. MCM archaeological sites data are available at archaeology@ontario.ca.

If the EA project area exhibits archaeological potential, then an archaeological assessment (AA) shall be undertaken by an archaeologist licenced under the *Ontario Heritage Act (OHA)*, who is responsible for submitting the report directly to MCM for review.

Built Heritage Resources and Cultural Heritage Landscapes

A Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment will be undertaken for the entire study area during the planning phase and will be summarized in the EA Report. This study will:

1. Describe the existing baseline cultural heritage conditions within the study area by identifying all known or potential built heritage resources and cultural heritage landscapes, including a historical summary of the study area. The Ministry has developed screening criteria that may assist with this exercise: [Criteria for Evaluating for Potential Built Heritage Resources and Cultural Heritage Landscapes](#).
2. Identify preliminary potential project-specific impacts on the known and potential built heritage resources and cultural heritage landscapes that have been identified. The report should include a description of the anticipated impact to each known or potential built heritage resource or cultural heritage landscape that has been identified.
3. Recommend measures to avoid or mitigate potential negative impacts to known or potential built heritage resources and cultural heritage landscapes. The proposed mitigation measures are to inform the next steps of project planning and design.

Given that this project covers a large study area, MCM recommends that the Cultural Heritage Report is carried out so that step 1 described above is undertaken early in the planning process. Then, steps 2 and 3 can be undertaken once the preferred alternatives have been selected.

Cultural Heritage Reports will be undertaken by a qualified person who has expertise, recent experience, and knowledge relevant to the type of cultural heritage resources being considered and the nature of the activity being proposed.

Community input should be sought to identify locally recognized and potential cultural heritage resources. Sources include, but are not limited to, municipal heritage committees, historical societies and other local heritage organizations.

Cultural heritage resources are often of critical importance to Indigenous communities. Indigenous communities may have knowledge that can contribute to the identification of cultural heritage resources, and we suggest that any engagement with Indigenous communities includes a discussion about known or potential cultural heritage resources that are of value to them.

Environmental Assessment Reporting

All technical cultural heritage studies and their recommendations are to be addressed and incorporated into EA projects. Please advise MCM whether any technical cultural heritage studies will be completed for this EA project, and provide them to MCM before issuing a Notice of Completion or commencing any work on the site. If screening has identified no known or potential cultural heritage resources, or no impacts to these resources, please include the completed checklists and supporting documentation in the EA report or file.

Thank you for consulting MCM on this project and please continue to do so throughout the EA process. If you have any questions or require clarification, please do not hesitate to contact me.

Sincerely,

Joseph Harvey
Heritage Planner
Heritage Planning Unit
joseph.harvey@Ontario.ca

Copied to: Corey Schmidt, Manager, Environmental and Development Services, Township of Wellington North
Lorraine Dooley, Triton Engineering Services Limited
Shari Page, Triton Engineering Services Limited

It is the sole responsibility of proponents to ensure that any information and documentation submitted as part of their EA report or file is accurate. The Ministry of Citizenship and Multiculturalism (MCM) makes no representation or warranty as to the completeness, accuracy or quality of the any checklists, reports or supporting documentation submitted as part of the EA process, and in no way shall MCM be liable for any harm, damages, costs, expenses, losses, claims or actions that may result if any checklists, reports or supporting documents are discovered to be inaccurate, incomplete, misleading or fraudulent.

Should previously undocumented archaeological resources be discovered, they may be a new archaeological site and therefore subject to Section 48(1) of the *Ontario Heritage Act*. The proponent or person discovering the archaeological resources must cease alteration of the site immediately and engage a licensed consultant archaeologist to carry out an archaeological assessment, in compliance with Section 48(1) of the *Ontario Heritage Act*.

The *Funeral, Burial and Cremation Services Act, 2002*, S.O. 2002, c.33 requires that any person discovering human remains must cease all activities immediately and notify the police or coroner. If the coroner does not suspect foul play in the disposition of the remains, in accordance with *Ontario Regulation 30/11* the coroner shall notify the Registrar, Ontario Ministry of Public and Business Service Delivery, which administers provisions of that Act related to burial sites. In situations where human remains are associated with archaeological resources, the Ministry of Citizenship and Multiculturalism should also be notified (at archaeology@ontario.ca) to ensure that the archaeological site is not subject to unlicensed alterations which would be a contravention of the *Ontario Heritage Act*.

Lindsay Scott

From: Laura Desaulniers <LauraD@metisnation.org>
Sent: Monday, August 28, 2023 1:41 PM
To: Shari Page
Subject: RE: mailed in project notifications

Hi Shari,

Thank you for reaching out, yes please remove myself but keep the consultations@metisnation.org as your contact. I manage this inbox by sorting the notifications to the correct regions for the regional staff to review.

Laura Desaulniers (she/her)

Environmental Advisor | Konsèyé dlanvirawnman
Lands, Resources & Consultations (LRC) Branch
Métis Nation of Ontario
Thunder Bay, ON
E: LauraD@metisnation.org
C: 807-375-0208
W: www.metisnation.org
Mon-Fri 7:30 am – 3:30 pm EST

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Please consider the environment before printing this e-mail. Maarsii, Thank you.

From: Shari Page <spage@tritoneng.on.ca>
Sent: August 28, 2023 1:36 PM
To: Laura Desaulniers <LauraD@metisnation.org>
Subject: FW: mailed in project notifications

Hi Laura,

Thank you for your reply to the Project Notifications we recently sent to you.

Just to let you know that I also sent to consultations@metisnation.org and will continue sending future notifications to that inbox. Shall I remove you from our official contact lists for each of these three projects?

Thank you for your assistance and direction.

Have a wonderful day!

Shari

Shari Page



Triton Engineering Services Limited
105 Queen Street West, Unit 14, Fergus, ON N1M 1S6
(519) 843-3920 || www.tritoneng.on.ca

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Thank you!

From: Chris Clark <cclark@tritoneng.on.ca>

Sent: Monday, August 28, 2023 1:22 PM

To: Shari Page <spage@tritoneng.on.ca>

Cc: Lindsay Scott <lscott@tritoneng.on.ca>

Subject: FW: mailed in project notifications

Fyi, from Metis group

From: Laura Desaulniers <LauraD@metisnation.org>

Sent: Monday, August 28, 2023 1:11 PM

To: Chris Clark <cclark@tritoneng.on.ca>

Subject: mailed in project notifications

Hello,

I have received your project notifications by registered mail for the municipalities of West Grey, Wellington North and Minto. Thank you for sending them. If possible, going forward please email notifications to our consultations@metisnation.org inbox.

Thank you,

Laura Desaulniers (she/her)

Environmental Advisor | Konsèyé dlanvirawnman

Lands, Resources & Consultations (LRC) Branch

Métis Nation of Ontario

Thunder Bay, ON

E: LauraD@metisnation.org

C: 807-375-0208

W: www.metisnation.org

Mon-Fri 7:30 am – 3:30 pm EST

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**Ministry of the Environment,
Conservation and Parks**

**Ministère de l'Environnement,
de la Protection de la nature
et des Parcs**

Environmental Assessment
Branch

Direction des évaluations
environnementales

1st Floor
135 St. Clair Avenue W
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Téléc. : 416 314-8452

October 13, 2023

Corey Schmidt
Manager, Environmental and Development Services
Township of Wellington North
cschmidt@wellington-north.com

BY EMAIL ONLY

**Re: Arthur Water System Supply Redundancy and Storage
Township of Wellington North
Municipal Class Environmental Assessment, Schedule B
Acknowledgement of Notice of Commencement**

Dear Project Team

This letter is in response to the Notice of Commencement for the above noted project. The Ministry of the Environment, Conservation and Parks (MECP) acknowledges that the Township of Wellington North (proponent) has indicated that the study is following the approved environmental planning process for a Schedule B project under the Municipal Class Environmental Assessment (Class EA).

The **updated (August 2022)** attached “Areas of Interest” document provides guidance regarding the ministry’s interests with respect to the Class EA process. Please address all areas of interest in the EA documentation at an appropriate level for the EA study. Proponents who address all the applicable areas of interest can minimize potential delays to the project schedule. **Further information is provided at the end of the Areas of Interest document**

relating to recent changes to the Environmental Assessment Act through Bill 197, Covid-19 Economic Recovery Act 2020.

The Crown has a legal duty to consult Aboriginal communities when it has knowledge, real or constructive, of the existence or potential existence of an Aboriginal or treaty right and contemplates conduct that may adversely impact that right. Before authorizing this project, the Crown must ensure that its duty to consult has been fulfilled, where such a duty is triggered. Although the duty to consult with Aboriginal peoples is a duty of the Crown, the Crown may delegate procedural aspects of this duty to project proponents while retaining oversight of the consultation process.

The proposed project may have the potential to affect Aboriginal or treaty rights protected under Section 35 of Canada's *Constitution Act 1982*. Where the Crown's duty to consult is triggered in relation to the proposed project, **the MECP is delegating the procedural aspects of rights-based consultation to the proponent through this letter**. The Crown intends to rely on the delegated consultation process in discharging its duty to consult and maintains the right to participate in the consultation process as it sees fit.

Based on information provided to date and the Crown's preliminary assessment the proponent is required to consult with the following communities who have been identified as potentially affected by the proposed project:

- Chippewas of Nawash First Nation
- Saugeen First Nation
- Mississaugas of the Credit
- Six Nations of the Grand River (both Elected Council and Traditional Council Haudenosaunee Confederacy Chiefs Council (HCCC) / Haudenosaunee Development Institute (HDI)).

Steps that the proponent may need to take in relation to Aboriginal consultation for the proposed project are outlined in the "[Code of Practice for Consultation in Ontario's Environmental Assessment Process](#)". Additional information related to Ontario's Environmental Assessment Act is available online at: www.ontario.ca/environmentalassessments.

Please also refer to the attached document "A Proponent's Introduction to the Delegation of Procedural Aspects of consultation with Aboriginal Communities" for further information, including the MECP's expectations for EA report documentation related to consultation with communities.

The proponent must contact the Director of Environmental Assessment Branch (EABDirector@ontario.ca) under the following circumstances after initial discussions with the communities identified by the MECP:

- Aboriginal or treaty rights impacts are identified to you by the communities;

- You have reason to believe that your proposed project may adversely affect an Aboriginal or treaty right;
- Consultation with Indigenous communities or other stakeholders has reached an impasse; or
- A Section 16 Order request is expected based on impacts to Aboriginal or treaty rights

The MECP will then assess the extent of any Crown duty to consult for the circumstances and will consider whether additional steps should be taken, including what role you will be asked to play should additional steps and activities be required.

A draft copy of the report should be sent directly to me prior to the filing of the final report, allowing a minimum of 30 days for the ministry's technical reviewers to provide comments.

Please also ensure a copy of the final notice is sent to the ministry's West Central Region EA notification email account (eanotification.wcregion@ontario.ca) after the draft report is reviewed and finalized.

Should you or any members of your project team have any questions regarding the material above, please contact me at Joan.DelVillarCuicas@ontario.ca.

Sincerely,



Joan Del Villar Cuicas
Regional Environmental Planner – West Central Region
Project Review Unit, Environmental Assessment Branch

Cc: Aaron Todd, Manager, Guelph District Office, MECP
 Lindsay Scott, Consultant Project Manager, Triton Engineering Services Limited

Enclosed: Areas of Interest

Attached: Client's Guide to Preliminary Screening for Species at Risk

 A Proponent's Introduction to the Delegation of Procedural Aspects of Consultation with Aboriginal Communities

AREAS OF INTEREST (v. August 2022)

It is suggested that you check off each section after you have considered / addressed it.

Planning and Policy

- Applicable plans and policies should be identified in the report, and the proponent should describe how the proposed project adheres to the relevant policies in these plans.
 - Projects located in MECP Central, Eastern or West Central Region may be subject to [A Place to Grow: Growth Plan for the Greater Golden Horseshoe \(2020\)](#).
 - Projects located in MECP Central or Eastern Region may be subject to the [Oak Ridges Moraine Conservation Plan \(2017\)](#) or the [Lake Simcoe Protection Plan \(2014\)](#).
 - Projects located in MECP Central, Southwest or West Central Region may be subject to the [Niagara Escarpment Plan \(2017\)](#).
 - Projects located in MECP Central, Eastern, Southwest or West Central Region may be subject to the [Greenbelt Plan \(2017\)](#).
 - Projects located in MECP Northern Region may be subject to the [Growth Plan for Northern Ontario \(2011\)](#).
- The [Provincial Policy Statement \(2020\)](#) contains policies that protect Ontario's natural heritage and water resources. Applicable policies should be referenced in the report, and the proponent should describe how the proposed project is consistent with these policies.
- In addition to the provincial planning and policy level, the report should also discuss the planning context at the municipal and federal levels, as appropriate.

Source Water Protection

The *Clean Water Act, 2006* (CWA) aims to protect existing and future sources of drinking water. To achieve this, several types of vulnerable areas have been delineated around surface water intakes and wellheads for every municipal residential drinking water system that is located in a source protection area. These vulnerable areas are known as a Wellhead Protection Areas (WHPAs) and surface water Intake Protection Zones (IPZs). Other vulnerable areas that have been delineated under the CWA include Highly Vulnerable Aquifers (HVAs), Significant Groundwater Recharge Areas (SGRAs), Event-based modelling areas (EBAs), and Issues Contributing Areas (ICAs). Source protection plans have been developed that include policies to address existing and future risks to sources of municipal drinking water within these vulnerable areas.

Projects that are subject to the Environmental Assessment Act that fall under a Class EA, or one of the Regulations, have the potential to impact sources of drinking water if they occur in designated vulnerable areas or in the vicinity of other at-risk drinking water systems (i.e.

systems that are not municipal residential systems). MEA Class EA projects may include activities that, if located in a vulnerable area, could be a threat to sources of drinking water (i.e. have the potential to adversely affect the quality or quantity of drinking water sources) and the activity could therefore be subject to policies in a source protection plan. Where an activity poses a risk to drinking water, policies in the local source protection plan may impact how or where that activity is undertaken. Policies may prohibit certain activities, or they may require risk management measures for these activities. Municipal Official Plans, planning decisions, Class EA projects (where the project includes an activity that is a threat to drinking water) and prescribed instruments must conform with policies that address significant risks to drinking water and must have regard for policies that address moderate or low risks.

- In October 2015, the MEA Parent Class EA document was amended to include reference to the Clean Water Act (Section A.2.10.6) and indicates that proponents undertaking a Municipal Class EA project must identify early in their process whether a project is or could potentially be occurring with a vulnerable area. **Given this requirement, please include a section in the report on source water protection.**
 - The proponent should identify the source protection area and should clearly document how the proximity of the project to sources of drinking water (municipal or other) and any delineated vulnerable areas was considered and assessed. Specifically, the report should discuss whether or not the project is located in a vulnerable area and provide applicable details about the area.
 - If located in a vulnerable area, proponents should document whether any project activities are prescribed drinking water threats and thus pose a risk to drinking water (this should be consulted on with the appropriate Source Protection Authority). Where an activity poses a risk to drinking water, the proponent must document and discuss in the report how the project adheres to or has regard to applicable policies in the local source protection plan. This section should then be used to inform and be reflected in other sections of the report, such as the identification of net positive/negative effects of alternatives, mitigation measures, evaluation of alternatives etc.
- While most source protection plans focused on including policies for significant drinking water threats in the WHPAs and IPZs it should be noted that even though source protection plan policies may not apply in HVAs, these are areas where aquifers are sensitive and at risk to impacts and within these areas, activities may impact the quality of sources of drinking water for systems other than municipal residential systems.
- In order to determine if this project is occurring within a vulnerable area, proponents can use [Source Protection Information Atlas](#), which is an online mapping tool available to the public. Note that various layers (including WHPAs, WHPA-Q1 and WHPA-Q2, IPZs, HVAs, SGRAs, EBAs, ICAs) can be turned on through the “Map Legend” bar on the left. The

mapping tool will also provide a link to the appropriate source protection plan in order to identify what policies may be applicable in the vulnerable area.

- For further information on the maps or source protection plan policies which may relate to their project, proponents must contact the appropriate source protection authority. **Please consult with the local source protection authority to discuss potential impacts on drinking water. Please document the results of that consultation within the report and include all communication documents/correspondence.**

More Information

For more information on the *Clean Water Act*, source protection areas and plans, including specific information on the vulnerable areas and drinking water threats, please refer to [Conservation Ontario's website](#) where you will also find links to the local source protection plan/assessment report.

A list of the prescribed drinking water threats can be found in [section 1.1 of Ontario Regulation 287/07](#) made under the *Clean Water Act*. In addition to prescribed drinking water threats, some source protection plans may include policies to address additional “local” threat activities, as approved by the MECP.

Climate Change

The document "[Considering Climate Change in the Environmental Assessment Process](#)" (Guide) is now a part of the Environmental Assessment program's Guides and Codes of Practice. The Guide sets out the MECP's expectation for considering climate change in the preparation, execution and documentation of environmental assessment studies and processes. The guide provides examples, approaches, resources, and references to assist proponents with consideration of climate change in EA. Proponents should review this Guide in detail.

- **The MECP expects proponents of Class EA projects to:**

1. Consider during the assessment of alternative solutions and alternative designs, the following:
 - a. the project's expected production of greenhouse gas emissions and impacts on carbon sinks (climate change mitigation); and
 - b. resilience or vulnerability of the undertaking to changing climatic conditions (climate change adaptation).
2. Include a discrete section in the report detailing how climate change was considered in the EA.

How climate change is considered can be qualitative or quantitative in nature and should be scaled to the project's level of environmental effect. In all instances, both a project's impacts on climate change (mitigation) and impacts of climate change on a project (adaptation) should be considered.

- The MECP has also prepared another guide to support provincial land use planning direction related to the completion of energy and emission plans. The "[Community Emissions Reduction Planning: A Guide for Municipalities](#)" document is designed to educate stakeholders on the municipal opportunities to reduce energy and greenhouse gas emissions, and to provide guidance on methods and techniques to incorporate consideration of energy and greenhouse gas emissions into municipal activities of all types. We encourage you to review the Guide for information.

Air Quality, Dust and Noise

- If there are sensitive receptors in the surrounding area of this project, a quantitative air quality/odour impact assessment will be useful to evaluate alternatives, determine impacts and identify appropriate mitigation measures. The scope of the assessment can be determined based on the potential effects of the proposed alternatives, and typically includes source and receptor characterization and a quantification of local air quality impacts on the sensitive receptors and the environment in the study area. The assessment will compare to all applicable standards or guidelines for all contaminants of concern.
Please contact this office for further consultation on the level of Air Quality Impact Assessment required for this project if not already advised.
- If a quantitative Air Quality Impact Assessment is not required for the project, the MECP expects that the report contain a qualitative assessment which includes:
 - A discussion of local air quality including existing activities/sources that significantly impact local air quality and how the project may impact existing conditions;
 - A discussion of the nearby sensitive receptors and the project's potential air quality impacts on present and future sensitive receptors;
 - A discussion of local air quality impacts that could arise from this project during both construction and operation; and
 - A discussion of potential mitigation measures.
- As a common practice, "air quality" should be used an evaluation criterion for all road projects.
- Dust and noise control measures should be addressed and included in the construction plans to ensure that nearby residential and other sensitive land uses within the study area are not adversely affected during construction activities.
- The MECP recommends that non-chloride dust-suppressants be applied. For a comprehensive list of fugitive dust prevention and control measures that could be applied, refer to [Chemininfo Services Inc. Best Practices for the Reduction of Air Emissions from](#)

[Construction and Demolition Activities](#) report prepared for Environment Canada. March 2005.

- The report should consider the potential impacts of increased noise levels during the operation of the completed project. The proponent should explore all potential measures to mitigate significant noise impacts during the assessment of alternatives.

Ecosystem Protection and Restoration

- Any impacts to ecosystem form and function must be avoided where possible. The report should describe any proposed mitigation measures and how project planning will protect and enhance the local ecosystem.
- Natural heritage and hydrologic features should be identified and described in detail to assess potential impacts and to develop appropriate mitigation measures. The following sensitive environmental features may be located within or adjacent to the study area:
 - Key Natural Heritage Features: Habitat of endangered species and threatened species, fish habitat, wetlands, areas of natural and scientific interest (ANSIs), significant valleylands, significant woodlands; significant wildlife habitat (including habitat of special concern species); sand barrens, savannahs, and tallgrass prairies; and alvars.
 - Key Hydrologic Features: Permanent streams, intermittent streams, inland lakes and their littoral zones, seepage areas and springs, and wetlands.
 - Other natural heritage features and areas such as: vegetation communities, rare species of flora or fauna, Environmentally Sensitive Areas, Environmentally Sensitive Policy Areas, federal and provincial parks and conservation reserves, Greenland systems etc.

We recommend consulting with the Ministry of Natural Resources and Forestry (MNRF), Fisheries and Oceans Canada (DFO) and your local conservation authority to determine if special measures or additional studies will be necessary to preserve and protect these sensitive features. In addition, for projects located in Central Region you may consider the provisions of the Rouge Park Management Plan if applicable.

Species at Risk

- The Ministry of the Environment, Conservation and Parks has now assumed responsibility of Ontario's Species at Risk program. Information, standards, guidelines, reference materials and technical resources to assist you are found at <https://www.ontario.ca/page/species-risk>.
- The Client's Guide to Preliminary Screening for Species at Risk (Draft May 2019) has been attached to the covering email for your reference and use. Please review this document for next steps.

- For any questions related to subsequent permit requirements, please contact SAROntario@ontario.ca.

Surface Water

- The report must include enough information to demonstrate that there will be no negative impacts on the natural features or ecological functions of any watercourses within the study area. Measures should be included in the planning and design process to ensure that any impacts to watercourses from construction or operational activities (e.g. spills, erosion, pollution) are mitigated as part of the proposed undertaking.
- Additional stormwater runoff from new pavement can impact receiving watercourses and flood conditions. Quality and quantity control measures to treat stormwater runoff should be considered for all new impervious areas and, where possible, existing surfaces. The ministry's [Stormwater Management Planning and Design Manual \(2003\)](#) should be referenced in the report and utilized when designing stormwater control methods. **A Stormwater Management Plan should be prepared as part of the Class EA process** that includes:
 - Strategies to address potential water quantity and erosion impacts related to stormwater draining into streams or other sensitive environmental features, and to ensure that adequate (enhanced) water quality is maintained
 - Watershed information, drainage conditions, and other relevant background information
 - Future drainage conditions, stormwater management options, information on erosion and sediment control during construction, and other details of the proposed works
 - Information on maintenance and monitoring commitments.
- Ontario Regulation 60/08 under the *Ontario Water Resources Act* (OWRA) applies to the Lake Simcoe Basin, which encompasses Lake Simcoe and the lands from which surface water drains into Lake Simcoe. If a proposed sewage treatment plant is listed in Table 1 of the regulation, the report should describe how the proposed project and its mitigation measures are consistent with the requirements of this regulation and the OWRA.
- Any potential approval requirements for surface water taking or discharge should be identified in the report. A Permit to Take Water (PTTW) under the OWRA will be required for any water takings that exceed 50,000 L/day, except for certain water taking activities that have been prescribed by the Water Taking EASR Regulation – *O. Reg. 63/16*. These prescribed water-taking activities require registration in the EASR instead of a PTTW. Please

review the [Water Taking User Guide for EASR](#) for more information. Additionally, an Environmental Compliance Approval under the OWRA is required for municipal stormwater management works.

Groundwater

- The status of, and potential impacts to any well water supplies should be addressed. If the project involves groundwater takings or changes to drainage patterns, the quantity and quality of groundwater may be affected due to drawdown effects or the redirection of existing contamination flows. In addition, project activities may infringe on existing wells such that they must be reconstructed or sealed and abandoned. Appropriate information to define existing groundwater conditions should be included in the report.
- If the potential construction or decommissioning of water wells is identified as an issue, the report should refer to Ontario Regulation 903, Wells, under the OWRA.
- Potential impacts to groundwater-dependent natural features should be addressed. Any changes to groundwater flow or quality from groundwater taking may interfere with the ecological processes of streams, wetlands or other surficial features. In addition, discharging contaminated or high volumes of groundwater to these features may have direct impacts on their function. Any potential effects should be identified, and appropriate mitigation measures should be recommended. The level of detail required will be dependent on the significance of the potential impacts.
- Any potential approval requirements for groundwater taking or discharge should be identified in the report. A Permit to Take Water (PTTW) under the OWRA will be required for any water takings that exceed 50,000 L/day, with the exception of certain water taking activities that have been prescribed by the Water Taking EASR Regulation – *O. Reg. 63/16*. These prescribed water-taking activities require registration in the EASR instead of a PTTW. Please review the [Water Taking User Guide for EASR](#) for more information.
- Consultation with the railroad authorities is necessary wherever there is a plan to use construction dewatering in the vicinity of railroad lines or where the zone of influence of the construction dewatering potentially intercepts railroad lines.

Excess Materials Management

- In December 2019, MECP released a new regulation under the Environmental Protection Act, titled “[On-Site and Excess Soil Management](#)” (O. Reg. 406/19) to support improved management of excess construction soil. This regulation is a key step to support proper management of excess soils, ensuring valuable resources don’t go to waste and to provide

clear rules on managing and reusing excess soil. New risk-based standards referenced by this regulation help to facilitate local beneficial reuse which in turn will reduce greenhouse gas emissions from soil transportation, while ensuring strong protection of human health and the environment. The new regulation is being phased in over time, with the first phase in effect on January 1, 2021. For more information, please visit <https://www.ontario.ca/page/handling-excess-soil>.

- The report should reference that activities involving the management of excess soil should be completed in accordance with O. Reg. 406/19 and the MECP's current guidance document titled "[Management of Excess Soil – A Guide for Best Management Practices](#)" (2014).
- All waste generated during construction must be disposed of in accordance with ministry requirements

Contaminated Sites

- Any current or historical waste disposal sites should be identified in the report. The status of these sites should be determined to confirm whether approval pursuant to Section 46 of the EPA may be required for land uses on former disposal sites. We recommend referring to the [MECP's D-4 guideline](#) for land use considerations near landfills and dumps.
 - Resources available may include regional/local municipal official plans and data; provincial data on [large landfill sites](#) and [small landfill sites](#); Environmental Compliance Approval information for waste disposal sites on [Access Environment](#).
- Other known contaminated sites (local, provincial, federal) in the study area should also be identified in the report (Note – information on federal contaminated sites is found on the Government of Canada's [website](#)).
- The location of any underground storage tanks should be investigated in the report. Measures should be identified to ensure the integrity of these tanks and to ensure an appropriate response in the event of a spill. The ministry's Spills Action Centre must be contacted in such an event.
- Since the removal or movement of soils may be required, appropriate tests to determine contaminant levels from previous land uses or dumping should be undertaken. If the soils are contaminated, you must determine how and where they are to be disposed of, consistent with *Part XV.1 of the Environmental Protection Act* (EPA) and Ontario Regulation 153/04, Records of Site Condition, which details the new requirements related to site assessment and clean up. Please contact the appropriate MECP District Office for further consultation if contaminated sites are present.

Servicing, Utilities and Facilities

- The report should identify any above or underground utilities in the study area such as transmission lines, telephone/internet, oil/gas etc. The owners should be consulted to discuss impacts to this infrastructure, including potential spills.
- The report should identify any servicing infrastructure in the study area such as wastewater, water, stormwater that may potentially be impacted by the project.
- Any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste must have an Environmental Compliance Approval (ECA) before it can operate lawfully. Please consult with MECP's Environmental Permissions Branch to determine whether a new or amended ECA will be required for any proposed infrastructure.
- We recommend referring to the ministry's [environmental land use planning guides](#) to ensure that any potential land use conflicts are considered when planning for any infrastructure or facilities related to wastewater, pipelines, landfills or industrial uses.

Mitigation and Monitoring

- Contractors must be made aware of all environmental considerations so that all environmental standards and commitments for both construction and operation are met. Mitigation measures should be clearly referenced in the report and regularly monitored during the construction stage of the project. In addition, we encourage proponents to conduct post-construction monitoring to ensure all mitigation measures have been effective and are functioning properly.
- Design and construction reports and plans should be based on a best management approach that centres on the prevention of impacts, protection of the existing environment, and opportunities for rehabilitation and enhancement of any impacted areas.
- The proponent's construction and post-construction monitoring plans must be documented in the report, as outlined in Section A.2.5 and A.4.1 of the MEA Class EA parent document.

Consultation

- The report must demonstrate how the consultation provisions of the Class EA have been fulfilled, including documentation of all stakeholder consultation efforts undertaken during the planning process. This includes a discussion in the report that identifies concerns that were raised and **describes how they have been addressed by the proponent** throughout

the planning process. The report should also include copies of comments submitted on the project by interested stakeholders, and the proponent's responses to these comments (as directed by the Class EA to include full documentation).

- Please include the full stakeholder distribution/consultation list in the documentation.

Class EA Process

- If this project is a Master Plan: there are several different approaches that can be used to conduct a Master Plan, examples of which are outlined in Appendix 4 of the Class EA. **The Master Plan should clearly indicate the selected approach for conducting the plan**, by identifying whether the levels of assessment, consultation and documentation are sufficient to fulfill the requirements for Schedule B or C projects. Please note that any Schedule B or C projects identified in the plan would be subject to Part II Order Requests under the Environmental Assessment Act, although the plan itself would not be. **Please include a description of the approach being undertaken (use Appendix 4 as a reference)**.
- If this project is a Master Plan: Any identified projects should also include information on the MCEA schedule associated with the project.
- The report should provide clear and complete documentation of the planning process in order to allow for transparency in decision-making.
- The Class EA requires the consideration of the effects of each alternative on all aspects of the environment (including planning, natural, social, cultural, economic, technical). The report should include a level of detail (e.g. hydrogeological investigations, terrestrial and aquatic assessments, cultural heritage assessments) such that all potential impacts can be identified, and appropriate mitigation measures can be developed. Any supporting studies conducted during the Class EA process should be referenced and included as part of the report.
- Please include in the report a list of all subsequent permits or approvals that may be required for the implementation of the preferred alternative, including but not limited to, MECP's PTTW, EASR Registrations and ECAs, conservation authority permits, species at risk permits, MTO permits and approvals under the *Impact Assessment Act, 2019*.
- Ministry guidelines and other information related to the issues above are available at <http://www.ontario.ca/environment-and-energy/environment-and-energy>. We encourage you to review all the available guides and to reference any relevant information in the report.

Amendments to the EAA through the Covid-19 Economic Recovery Act, 2020

Once the EA Report is finalized, the proponent must issue a Notice of Completion providing a minimum 30-day period during which documentation may be reviewed and comment and input can be submitted to the proponent. The Notice of Completion must be sent to the appropriate MECP Regional Office email address.

The public can request a higher level of assessment on a project if they are concerned about potential adverse impacts to constitutionally protected Aboriginal and treaty rights. In addition, the Minister may issue an order on his or her own initiative within a specified time period. The Director (of the Environmental Assessment Branch) will issue a Notice of Proposed Order to the proponent if the Minister is considering an order for the project within 30 days after the conclusion of the comment period on the Notice of Completion. At this time, the Director may request additional information from the proponent. Once the requested information has been received, the Minister will have 30 days within which to make a decision or impose conditions on your project.

Therefore, the proponent cannot proceed with the project until at least 30 days after the end of the comment period provided for in the Notice of Completion. Further, the proponent may not proceed after this time if:

- a Section 16 Order request has been submitted to the ministry regarding potential adverse impacts to constitutionally protected Aboriginal and treaty rights, or
- the Director has issued a Notice of Proposed order regarding the project.

Please ensure that the Notice of Completion advises that outstanding concerns are to be directed to the proponent for a response, and that in the event there are outstanding concerns regarding potential adverse impacts to constitutionally protected Aboriginal and treaty rights, Section 16 Order requests on those matters should be addressed in writing to:

Minister David Piccini
Ministry of Environment, Conservation and Parks
777 Bay Street, 5th Floor
Toronto ON M7A 2J3
minister.mecp@ontario.ca

and

Director, Environmental Assessment Branch
Ministry of Environment, Conservation and Parks
135 St. Clair Ave. W, 1st Floor
Toronto ON, M4V 1P5
EABDirector@ontario.ca

Lindsay Scott

From: Lindsay Scott
Sent: Wednesday, November 15, 2023 11:10 AM
To: Bottos, Julie; cschmidt@wellington-north.com
Cc: Shari Page
Subject: RE: Arthur Water System Supply Redundancy & Storage - Sch B EA Process

Hi Julie,

Thank you for the email. We will add you to our project contact list.

Thanks,

Lindsay Scott, P.Eng.

 Triton Engineering Services Limited
The Old Post – 39 Elora Street South, Unit 7, 8 & 9, P.O. Box 159, Harriston, ON N0G 1Z0
Tel - (519) 292-1611 • www.tritoneng.on.ca

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From: Bottos, Julie <jbottos@scsconsultinggroup.com>
Sent: Thursday, November 9, 2023 3:02 PM
To: cschmidt@wellington-north.com; Lindsay Scott <lscott@tritoneng.on.ca>
Subject: Arthur Water System Supply Redundancy & Storage - Sch B EA Process

Good afternoon,

Please add us to your public circulation list to keep us notified of the EA Study Process.

Thank you,

Julie Bottos, A Sc. T.

Associate

SCS Consulting Group Ltd.

30 Centurian Drive, Suite 100

Markham, ON, L3R 8B8

(T) 905.475.1900 Ext. 2351

(F) 905.475.8335

(M) 647.828.7492

jbottos@scsconsultinggroup.com

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Lindsay Scott

From: Peter Graham <LRCS@sixnations.ca>
Sent: Tuesday, July 18, 2023 1:31 PM
To: Shari Page
Subject: RE: NOTICE OF COMMENCEMENT, Schedule B, Municipal Class EA, Township of Wellington North, Arthur Water System Supply

Hi Shari,

Thank you for notifying us. Please get in touch again when alternative locations have been identified.

Best, Peter

From: Lonny Bomberry <lonnybomberry@sixnations.ca>
Sent: Tuesday, July 18, 2023 12:19 PM
To: Peter Graham <LRCS@sixnations.ca>
Subject: FW: NOTICE OF COMMENCEMENT, Schedule B, Municipal Class EA, Township of Wellington North, Arthur Water System Supply

From: Tammy Martin <tammymartin@sixnations.ca>
Sent: Tuesday, July 18, 2023 12:16 PM
To: Shari Page <spage@tritoneng.on.ca>
Cc: Lonny Bomberry <lonnybomberry@sixnations.ca>; Tayler Hill <tayler.hill@sixnations.ca>; Trevor Bomberry <adnb@sixnations.ca>
Subject: RE: NOTICE OF COMMENCEMENT, Schedule B, Municipal Class EA, Township of Wellington North, Arthur Water System Supply

Shari,

Confirming receipt on your email and by copy, sharing with our Directors of Lands and Resources, Lonny and Tayler. They will share with our consultation and accommodation process team (CAP Team) who will be in touch should they wish to provide feedback.

Tammy Martin
COS, SNGREC
tammymartin@sixnations.ca
cell 519.717.5637

From: Shari Page <spage@tritoneng.on.ca>
Sent: Thursday, July 13, 2023 9:30 AM
To: Tammy Martin <tammymartin@sixnations.ca>
Subject: [External] NOTICE OF COMMENCEMENT, Schedule B, Municipal Class EA, Township of Wellington North, Arthur Water System Supply

Good morning,

On behalf of the Township of Wellington North, please find attached, *Notice of Commencement, Schedule 'B', Municipal Class Environmental Assessment (Class EA) for the Arthur Water System Supply Redundancy and Storage*, Arthur, Ontario.

This letter and notice will also be sent to you by registered mail.

Should you have any questions or require further clarification to the attached, please do not hesitate to contact our Project Team.

Kind regards,
Shari

Shari Page



Triton Engineering Services Limited
105 Queen Street West, Unit 14, Fergus, ON N1M 1S6
(519) 843-3920 Ext 220 || www.tritoneng.on.ca

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Thank you!

Lindsay Scott

From: EA Notices to WCRegion (MECP) <eanotification.wcregion@ontario.ca>
Sent: Thursday, July 13, 2023 9:32 AM
To: Shari Page
Subject: Automatic reply: NOTICE OF COMMENCEMENT, Schedule B, Municipal Class EA, Township of Wellington North, Arthur Water System Supply

This is to acknowledge your email has been delivered to the Regional email account. An Environmental Resource Planner & EA Coordinator will contact you if additional information is needed. To speak directly to a, go to the INFO-GO website and under our ministry, select: 1) Environmental Assessment and Permissions Division 2) Environmental Assessment Branch 3) Environmental Assessment Services 4) Project review 5) Environmental Resource Planner & EA Coordinator.



Administration Centre: 400 Clyde Road, P.O. Box 729 Cambridge, ON N1R 5W6

Phone: 519-621-2761 Toll free: 1-866-900-4722 Fax: 519-621-4844 www.grandriver.ca

September 14, 2023

via email

Lindsay Scott, P.Eng.
Consultant Project Manager
Triton Engineering Services Limited
105 Queen Street West, Unit 14
Fergus, ON N1M 1S6
lscott@tritoneng.on.ca

Corey Schmidt
Manager, Environmental and Development Services
Township of Wellington North
7490 Sideroad 7 W, P.O. Box 125
Kenilworth, ON N0G 2E0
cschmidt@wellington-north.com

**Re: Notice of Commencement
Schedule 'B' Municipal Class Environmental Assessment (Class EA)
Arthur Water System Supply Redundancy and Storage
Township of Wellington North, Wellington County**

Thank you for circulating our office the Notice of Commencement for the Municipal Class Environmental Assessment (EA) to identify and evaluate alternatives to address the water supply and storage requirements in Arthur, Township of Wellington North.

We request that our office remains notified of any information pertaining to the EA as it becomes available.

The study area contains natural hazard and natural heritage features including the Conestogo River, Farley's Creek and other associated tributaries, as well as floodplain, slope erosion hazard, slope valley, and the associated regulated allowances to these features. A copy of our resource mapping is attached for reference.

Due to the presence of the above-noted features, portions of the study area are regulated by the GRCA under Ontario Regulation 150/06. Any future development or site alteration within the regulated areas may require the issuance of a Development, Interference with Wetlands and Alterations to Shorelines and Watercourses permit from the GRCA.

If you have any questions or require additional information, please contact me at 519-621-2763 ext. 2230 or jconroy@grandriver.ca.

Sincerely,

Jessica Conroy

Jessica Conroy, MES Pl.
Resource Planner
Grand River Conservation Authority

Enclosed: GRCA Map of Study Area



Arthur, Wellington North



Legend

- Regulation Limit (GRCA)
- Regulated Watercourse (GRCA)
- Regulated Waterbody (GRCA)
- Wetland (GRCA)
- Floodplain (GRCA)
- Engineered
- Estimated
- Approximate
- Special Policy Area
- Slope Valley (GRCA)
 - Steep
 - Oversteep
 - Steep
- Slope Erosion (GRCA)
 - Oversteep
 - Toe
- Lake Erie Flood (GRCA)
- Lake Erie Shoreline Reach (GRCA)
- Lake Erie Dynamic Beach (GRCA)
- Lake Erie Erosion (GRCA)
- Parcel - Assessment (MPAC/MNRF)

This legend is static and may not fully reflect the layers shown on the map. The text of Ontario Regulation 150/06 supercedes the mapping as represented by these layers.

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Disclaimer: This map is for illustrative purposes only. Information contained herein is not a substitute for professional review or a site survey and is subject to change without notice. The Grand River Conservation Authority takes no responsibility for, nor guarantees, the accuracy of the information contained on this map. Any interpretations or conclusions drawn from this map are the sole responsibility of the user.

The source for each data layer is shown in parentheses in the map legend. For a complete listing of sources and citations go to: <https://maps.grandriver.ca/Sources-and-Citations.pdf>

Lindsay Scott

From: Lindsay Scott
Sent: Monday, January 8, 2024 4:02 PM
To: Corey Schmidt
Cc: Shari Page
Subject: RE: Water and Sanitary Expansion/WWTP EA Status

Hi Corey,

We will add Logan to the contact list.

Thanks,



Lindsay Scott, P.Eng.
Triton Engineering Services Limited
The Old Post - 39 Elora Street South, Units 7, 8 & 9
P.O. Box 159, Harriston, ON N0G 1Z0
(519) 510-8500 Ext. 251 • www.tritoneng.on.ca

Celebrating 60 Years in 2024

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From: Corey Schmidt <cschmidt@wellington-north.com>
Sent: Monday, January 8, 2024 1:39 PM
To: Lindsay Scott <lscott@tritoneng.on.ca>
Subject: FW: Water and Sanitary Expansion/WWTP EA Status

Hi Lindsay,

Please see email below.

Logan at SCS Consulting Group Ltd. would like to be added to the mailing/notification list as it relates to the Arthur Water Supply and Storage EA.

Any questions let me know.

Regards,

Corey



Corey Schmidt

Manager, Environmental and Development Services, Township of Wellington North

519.848.3620 ext. 4627 | 7490 Sideroad 7 W, PO Box 125, Kenilworth, ON N0G 2E0



Focused on Building Capacity

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From: Wintemute, Logan <lwintemute@scsconsultinggroup.com>

Sent: Tuesday, January 2, 2024 1:10 PM

To: Corey Schmidt <cschmidt@wellington-north.com>

Subject: Water and Sanitary Expansion/WWTP EA Status

Hello Corey,

Happy New Year! I hope this email finds you well.

I am reaching out on behalf of SCS Consulting Group Ltd. and was hoping you would be able to provide me with some information regarding the current application status(es) within the Township for water and sanitary expansion. More specifically, I am looking to confirm the timeline as outlined in the Water and Sanitary Systems Technical Study completed by Triton Engineering in 2020, with reference to the Staged Development Scenarios.

It is also our understanding that the Town is currently moving forward with a Municipal Class Environmental Assessment for the Arthur WWTP, which began in September. Can you provide any additional information regarding the EA's status and/or add me to the study mailing list so that I may receive future updates?

Thanks in advance,

Logan Wintemute, EIT

SCS Consulting Group Ltd.

30 Centurian Drive, Suite 100

Markham, ON, L3R 8B8

(T) 905.475.1900 Ext. 3000

(F) 905.475.8335

lwintemute@scsconsultinggroup.com

www.scsconsultinggroup.com

Computer viruses can be transmitted via email. Recipients should check this email and any attachments for the presence of viruses. The sender and sender company accept no liability for any damage caused by any virus transmitted by this email. The contents of this email transmission are the private property of SCS Consulting Group Ltd. and contain confidential information. Any copying, modifying, retransmission, or action taken with this email contents by anyone other than the intended recipients named above is strictly prohibited. If you are not an intended recipient, please delete all copies and notify us immediately. Thank you for your cooperation.

Lindsay Scott

From: Peter Graham <LRCS@sixnations.ca>
Sent: Wednesday, June 12, 2024 9:17 AM
To: Shari Page
Subject: RE: NOTICE OF COMMENCEMENT, Schedule B, Municipal Class EA, Township of Wellington North, Arthur Water System Supply

Good morning Shari,

Thank you for providing the letter to Chief Hill. We look forward to consultation on this project as it progresses. Email is fine for future correspondence.

Best, Peter

From: Shari Page <spage@tritoneng.on.ca>
Sent: Tuesday, June 11, 2024 11:51 AM
To: Sherri-Lyn Hill <SNGR.Chief@sixnations.ca>
Cc: Nathan Wright <SNGR.CEO@sixnations.ca>; Linda Parker <SNCOS@sixnations.ca>; Peter Graham <LRCS@sixnations.ca>; Dawn Russell <dawnrussell@sixnations.ca>; dawnlaforme@sixnations.ca
Subject: [External] NOTICE OF COMMENCEMENT, Schedule B, Municipal Class EA, Township of Wellington North, Arthur Water System Supply

Good morning,

On behalf of the Township of Wellington North, please find attached, *Notice of Commencement, Schedule 'B', Municipal Class Environmental Assessment (Class EA) for the Arthur Water System Supply Redundancy and Storage, Arthur, Ontario*.

This letter and notice will also be sent to you by registered mail.

Should you have any questions or require further clarification to the attached, please do not hesitate to contact our Project Team.

Kind regards,
Shari



Shari Page

Triton Engineering Services Limited
105 Queen Street West, Unit 14
Fergus, ON N1M 1S6
(519) 843-3920 Ext. 220 • www.tritoneng.on.ca

Celebrating 60 Years in 2024

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Appendix L

Public Information Centre and Related Consultation Records



November 11, 2024

Ministry of Environment, Conservation and Parks (MECP)
Environmental Assessment Branch, Project Review Unit
West Central Regional Office
119 King Street West, 12th Floor
Hamilton, Ontario L8P 4Y7

ATTENTION: Joan Del Villar Cuicas
Regional Environmental Planner, WC Region

RE: **Township of Wellington North**
Notice of Public Information Centre, Schedule 'B'
Municipal Class Environmental Assessment (Class EA)
Arthur Water System Supply Redundancy and Storage
Our File: T4003A

Dear Ms. Del Villar Cuicas,

The existing water system in Arthur requires water supply redundancy and additional water storage to support expected population growth (Problem Statement). Therefore, the Township of Wellington North (Township) has retained the services of Triton Engineering Services Limited (Triton) to conduct a Schedule 'B' Municipal Class Environmental Assessment (Class EA) to identify and evaluate alternatives to address the Problem Statement and select a preferred alternative.

The Township is hosting a Public Information Centre to review the alternatives. You are encouraged to attend the Public Information Centre and provide your comments so that they may be included in the Class EA and considered in finalizing the selection of the preferred alternative and identification of appropriate mitigation measures. The Public Information Centre will be an informal open house format to update stakeholders on the progress of the project, view background information, discuss the evaluation of alternative solutions, and ask questions to the Project Team. Please refer to the attached Notice of Public Information Centre for additional information.

The Public Information Center is being held on Tuesday November 26, 2024, drop-in type format at the Arthur Area Curling Club, 160 Domville St, Arthur, ON between 5:00 p.m. and 7:00 p.m.

On behalf of the Township, we look forward to seeing you at the Public Information Centre on November 26th.

Yours very truly,

TRITON ENGINEERING SERVICES LIMITED



Lindsay Scott, P. Eng.

Encl. Notice of Public Information Centre

cc: Brooke Lambert, Chief Administrative Officer, Township of Wellington North
Corey Schmidt, Manager, Environmental and Development Services,
Township of Wellington North
Tammy Stevenson, Senior Project Manager, Township of Wellington North
EA Notification, WCRegion eanotification.wcregion@ontario.ca

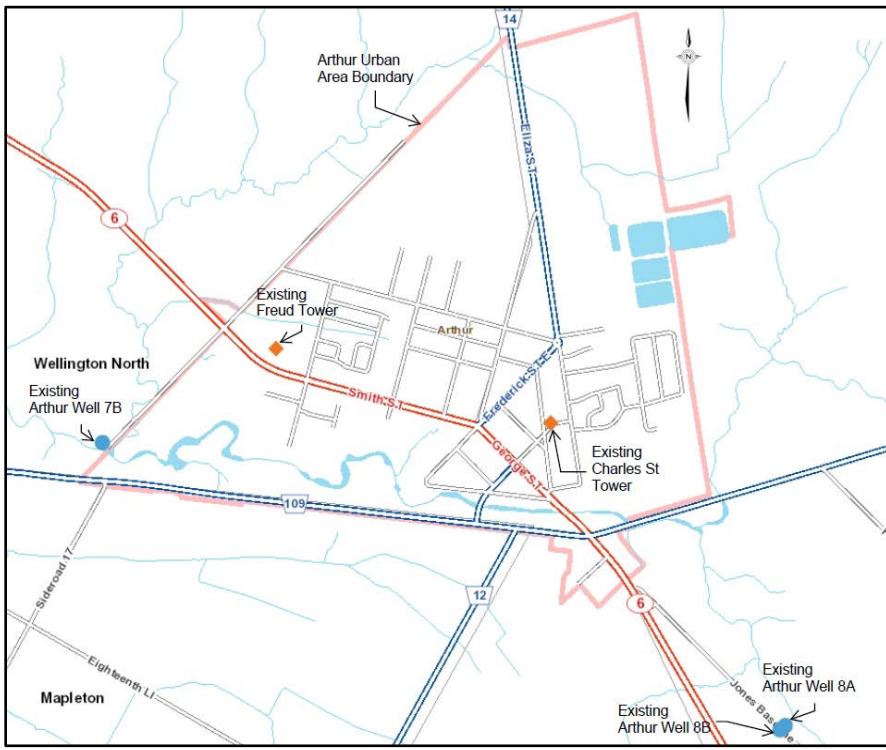


TOWNSHIP OF WELLINGTON NORTH SCHEDULE 'B' MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT ARTHUR WATER SYSTEM SUPPLY REDUNDANCY AND STORAGE

NOTICE OF PUBLIC INFORMATION CENTRE

Project:

The Township of Wellington North (Township) is holding a Public Information Centre to review the alternatives for the existing Arthur water system to address the need for water supply redundancy and additional water storage to support expected population growth. The existing water supply wells and towers in Arthur's water system are shown on the map below.



The project is being planned following the Schedule B process in the Municipal Class Environmental Assessment to identify and evaluate alternatives to address the water supply and storage requirements and select a preferred alternative. Consultation with affected or interested stakeholders, Agencies and Indigenous Communities is a key element in the planning process.

How to Participate:

You are encouraged to attend the Public Information Centre (PIC) and provide comments to be included in this Project and considered in finalizing the selection of the preferred alternative and identification of appropriate mitigation measures.

The PIC will be held as an informal “Open House/Drop-in” format, with materials pertaining to the study on display and members of the Project Team available to answer questions and discuss Project related issues.

The Public Information Centre will be held on:

Tuesday, November 26th, 2024, 5:00 p.m. to 7:00 p.m.

Arthur Area Curling Club, 160 Domville St, Arthur, ON N0G 1A0

For More Information:

Project updates are posted on the Township's website, www.wellington-north.com, on the [Capital Projects](#) page or you may contact one of the Project Team members listed below with any questions, comments or to be added to the Project mailing list.

Corey Schmidt, Manager, Environmental and Development Services

Township of Wellington North

7490 Sideroad 7W, PO Box 125

Kenilworth, ON N0G 2E0

519-848-3620 Ext. 4627

cschmidt@wellington-north.com

Lindsay Scott, P.Eng., Consultant Project Manager

Triton Engineering Services Limited

105 Queen St W, Unit 14

Fergus, ON N1M 1S6

519-843-3920 Ext. 251

lscott@tritoneng.on.ca

Comments submitted to the Project Team for the purpose of providing feedback regarding this Municipal Class Environmental Assessment are collected under the authority of the Environmental Assessment Act. Information will be collected in accordance with the Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments will become part of the public record. Questions relating to the collection, use and disclosure of this information may be addressed to Corey Schmidt, Manager, Environmental and Development Services, Township of Wellington North at (519) 848-3620 Ext. 4627 or cschmidt@wellington-north.com

This Notice first issued November 14th, 2024.



November 13, 2024

Township of Wellington North
7490 Sideroad 7 West, P.O. Box 125
Kenilworth, Ontario
N0G 2E0

ATTENTION: Brooke Lambert
Chief Administrative Officer

RE: **Township of Wellington North**
Notice of Public Information Centre, Schedule 'B'
Municipal Class Environmental Assessment (Class EA)
Arthur Water System Supply Redundancy and Storage
Our File: T4003A

Dear Ms. Lambert,

Attached is a *sample letter* of those sent along with the Notice of Public Information Centre to the following Agencies, Indigenous Communities, and interested Stakeholders informing them of the upcoming open house.

The Public Information Centre is also being advertised in the Wellington Advertiser for two (2) consecutive editions, November 14th and 21st.

| Agencies | |
|---|--|
| Ministry of Environment, Conservation and Parks (MECP) Environmental Assessment Branch, Project Review Unit West Central Regional Office 119 King Street West, 12 th Floor Hamilton, Ontario L8P 4Y7 | Joan Del Villar Cuicas Regional Environmental Planner, WC Region EA Notification, WCRegion eанotification.wcregion@ontario.ca |
| Ministry of Indigenous Affairs, Indigenous Relations and Programs Division 160 Bloor Street, 4 th Floor Toronto, Ontario M7A 2E6 | Michael Reid Assistant Deputy Minister michael.reid@ontario.ca |

| | |
|--|---|
| Ministry of Municipal Affairs and Housing Exeter Road Complex 2 nd Floor, 659 Exeter Road London, Ontario N6E 1L3 | Mr. Erick Boyd, Manager erick.boyd@ontario.ca cc: Tyler Shantz, Team Lead, Planning (Acting) Tyler.Shantz@ontario.ca cc: Tricia Givens (MMAH) Tricia.Givens@ontario.ca |
| Ministry of Citizenship and Multiculturalism (MCM) Heritage Planning Unit 400 University Avenue, 5 th Floor Toronto, Ontario M7A 2R9 | Joseph Harvey Heritage Planner Joseph.Harvey@ontario.ca cc: Karla Barboza Karla.Barboza@ontario.ca Dan Minkin Dan.Minkin@ontario.ca |
| Ministry of Natural Resources and Forestry Regional Office 300 Water Street Peterborough, Ontario K9J 3C7 | Denis LeMoire, Municipal Planning Advisor denis.lemoire@ontario.ca |
| Ministry of Natural Resources and Forestry District Office, Ontario Government Building 1 Stone Road West, Guelph, Ontario N1G 4Y2 | Ian Thornton, District Supervisor ian.thornton@ontario.ca Southern Region Planning Inbox (MNRF) SR.Planning@ontario.ca |
| Ministry of Transportation 438 University Avenue, 12 th Floor Toronto, Ontario M7A 1Z8 | Jonathan Lebi, Assistant Deputy Minister Jonathan.lebi@ontario.ca cc: David Harth (MECP) David.Harth@ontario.ca |
| Fisheries and Oceans Canada Regional Office 867 Lakeshore Road Burlington, Ontario L7S 1A1 | Regional Environmental Assessment Analyst info@dfo-mpo.gc.ca |
| Ministry of Agriculture, Food and Rural Affairs 1 Stone Road West, 4 th Floor Guelph, Ontario N1G 4Y2 | Alan Crawley Manager, Planning, Information and Coordination Services alan.crawley@ontario.ca cc: andrea.ruskova@ontario.ca |

| | |
|--|---|
| Conservation Authority | |
| Grand River Conservation Authority 400 Clyde Road, P.O. Box 729 Cambridge, Ontario N1R 5W6 | Jessica Conroy Planner, Wellington North jconroy@grandriver.ca cc: Janet Ivey, Manager of Water Resources jivey@grandriver.ca cc: Katelyn Lynch, Manager of Water Infrastructure klynch@grandriver.ca |
| Wellington Source Water Protection 400 Clyde Road, P.O. Box 729 Cambridge, Ontario N1R 5W6 Wellington Source Water Protection 400 Clyde Road, P.O. Box 729 Cambridge, Ontario N1R 5W6 | Mr. Kyle Davis Risk Management Official KDavis@centrewellington.ca cc: Emily Vandermeulen Risk Management Inspector/Source Protection Coordinator evandermeulen@centrewellington.ca |
| Municipal | |
| County of Wellington 74 Woolwich Street Guelph, Ontario N1H 3T9 | Aldo Salis Director of Planning and Development Sarah Wilhelm sarahw@wellington.ca Curtis Marshall curtism@wellington.ca |
| County of Wellington 74 Woolwich Street Guelph, Ontario N1H 3T9 | Councillor Campbell Cork campbellc@wellington.ca Councillor Steve O'Neill steveo@wellington.ca |
| Wellington County Museum and Archives 0536 Wellington Road 18 Fergus, Ontario N1M2W3 | Jana Burns Director, Township and Administrator North janab@wellington.ca |
| Wellington Federation of Agriculture R.R. #2 Kenilworth, Ontario N0G 2E0 | Katie Normet Director, Township of Wellington North riversedgegoats@gmail.com |
| Wellington Federation of Agriculture R.R. #2 Kenilworth, Ontario N0G 2E0 | Gregory Dineen Director, Township of Wellington North gsdineen@gmail.com |
| Township of Wellington North 7490 Sideroad 7W, P.O. Box 125 Kenilworth, Ontario N0G 2E0 | Chris Harrow, Director of Fire Services charrow@wellington-north.com cc: Marco Guidotti, Deputy Fire Chief, Wellington North Fire Services mguidotti@wellington-north.com |

| | |
|---|--|
| Township of Wellington North 7490 Sideroad 7 West, P.O. Box 125 Kenilworth, Ontario N0G 2E0 | Mayor Andy Lennox |
| Township of Wellington North 7490 Sideroad 7 West, P.O. Box 125 Kenilworth, Ontario N0G 2E0 | Councillor Sherry Burke Councillor Lisa Hern Councillor Steve McCabe Councillor Penny Renken |
| Arthur and District Chamber of Commerce 146 George Street, P.O. Box 519 Arthur, Ontario N0G 1A0 | Paula Coffey, President achamber@wightman.ca |
| Utilities | |
| Wellington North Power 290 Queen Street West Mount Forest, Ontario N0G 2L3 | Mr. Raymond Peterson Interim, Chief Operating Officer |
| Wightman Telecom 100 Elora Street North P.O. Box 70 Clifford, Ontario N0G 1M0 | Paul Rhody Manager, Access Network Design |
| Rogers Communications South Western Ontario Region 85 Grand Crest Place Kitchener, Ontario N2G 4A8 | Mr. Richard Bolliger Municipal and Utility Relations |
| Hydro One Networks Inc. 430 Clair Road West Guelph, Ontario N1L 0H7 | Ahmad Nouman Supervising Distribution Technician |
| Enbridge Gas 603 Kumpf Drive Waterloo, Ontario N2V 1K3 | Kevin Schimus Sr. Advisor, Construction and Project Manager |
| Bell Alliant 20 Cork Street East, 3 rd Floor Guelph, Ontario N1H 2W7 | Neil Ackerman Implementation Manager, Network Provisioning |
| Indigenous | |
| Chippewas of Nawash First Nation 135 Lakeshore Blvd. Wiarton, Ontario N0H 2T0 | Chief Gregory Nadjiwon chief@nawash.ca cc: Diane Ross, Executive Assistant executiveassistant@nawash.ca cc: Vanessa Keeshig, Office Clerk eaadminassist@nawash.ca |

| | |
|--|--|
| <p>Haudenosaunee Development Institute P.O. Box 714 Ohsweken, Ontario N0A 1M0</p> | <p>Tracey General Haudenosaunee Confederacy Chiefs Council info@hdi.land</p> |
| <p>Metis Nation of Ontario Lands, Resources & Consultations Branch 226 May Street South Thunder Bay, Ontario P7E 1B4</p> | <p>Consultations consultations@metisnation.org</p> |
| <p>Saugeen First Nation 6 Cameron Drive Southampton, Ontario N0H 2L0</p> | <p>Chief Conrad Ritchie conrad.ritchie@saugeen.org cc: Gerry Glover, Band Administrator sfn@saugeen.org Leona Roote, Executive Assistant</p> |
| <p>Saugeen Ojibway Nation 10129 Highway 6 Georgian Bluffs, Ontario N0H 2T0</p> | <p>Riel Warrilow, Manager manager@saugeenojibwaynation.ca</p> |
| <p>Mississaugas of the New Credit First Nation 2789 Mississauga Road RR6 Hagersville, Ontario N0A 1H0</p> | <p>Ogimaa-Kwe Claire Sault claires@mncfn.ca cc: Julia Johnson, Council Coordinator, MNCFN julia.johnson@mncfn.ca Mark Laforme, Director of Consultation Abby Laforme, Consultation Coordinator Adam Laforme, Consultation</p> |
| <p>Six Nations of the Grand River 1695 Chiefswood Road P.O. Box 5000 Ohsweken, Ontario N0A 1M0</p> | <p>Chief Sheri-Lyn Hill sngr.chief@sixnations.ca cc's to all of the following: Nathan Wright (Interim) CEO sngr.ceo@sixnations.ca Linda Parker, Chief of Staff sncos@sixnations.ca Peter Graham, Consultation Supervisor LRCS@sixnations.ca Dawn Russell, Consultation Administrative Assistant dawnrussell@sixnations.ca Dawn Laforme, Secretary, Consultation/Development/Archaeological dawnlaforme@sixnations.ca</p> |

| | |
|--|---|
| Six Nations of the Grand River 1695 Chiefswood Road P.O. Box 5000 Ohsweken, Ontario N0A 1M0 | Lonny Bomberry, Lands and Resources Director lonnybomberry@sixnations.ca Tayler Hill, Lands and Resources Assistant Director tayler.hill@sixnations.ca |
| | |

Yours very truly,

TRITON ENGINEERING SERVICES LIMITED



Lindsay Scott, P. Eng.

Encl. Notice of Public Information Centre
 Sample Notice of PIC letter

cc: Corey Schmidt, Manager, Environmental and Development Services,
 Township of Wellington North
 Tammy Stevenson, Senior Project Manager, Township of Wellington North

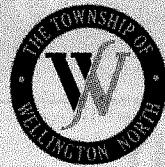
Project Contact List
Arthur Water Supply and Storage
Schedule 'B' Class EA
Township of Wellington North

| NOTICE OF COMMENCEMENT | Stakeholder Category | Stakeholder | Title | Contact First Name | Contact Last Name | Street | Town/City | Province | Postal Code | Phone | Email | Notice of Commencement Letters + Notices | Responses /Acknowledgements | Notice of PIC Nov 2024 | Responses /Acknowledgements |
|------------------------|----------------------|--|--|--------------------|---|---|----------------|----------|-------------|------------------------|--|--|-----------------------------|------------------------|--|
| Emailed July 13, 2023 | PROVINCIAL | MECP, Environmental Assessment Branch | Director | Kathleen | O'Neill | 135 St. Clair Avenue West, 1st Floor | Toronto | Ontario | M4V 1P5 | 647-287-5664 | kathleen.oneill@ontario.ca | July 1, 2023 | | | |
| | | MECP, Regional Office MECP, Guelph District Office | West Central Region Manager | Joan | Del Villar Cuicas | 119 King St W, 12th Floor | Hamilton | Ontario | L8P 4Y7 | 905-521-7640 | eanotification.wregion@ontario.ca | July 1, 2023 | | Nov. 11, 2024 | |
| | | | | Aaron | Todd | 1 Stone Road W, 4th Floor | Guelph | Ontario | N1G 4Y2 | 647-633-3351 | aaron.todd@ontario.ca | July 1, 2023 | | | |
| | | Ministry of Agriculture, Food and Rural Affairs Ministry of Indigenous Affairs, Indigenous Relations and Programs Division Ministry of Municipal Affairs and Housing, Planning and Growth Division | Manager, Planning, Information and Coordination Services Assistant Deputy Minister Assistant Deputy Minister | Alan | Crawley | 1 Stone Road W, 4th Floor | Guelph | Ontario | N1G 4Y2 | 519-362-0027 | alan.crawley@ontario.ca | July 1, 2023 | Alan Crawley | Nov. 11, 2024 | Letter & Notice forwarded to Andrea Ruskova acting in the absence of A.Crawley |
| | | | Manager, Community Planning & Development, Western Municipal Services Office, Municipal Services Division | Michael | Reid | 160 Bloor St, 4th Floor | Toronto | Ontario | M7A 2E6 | 416-325-0301 | michael.reid@ontario.ca | July 1, 2023 | | Nov. 11, 2024 | |
| | | | Team Lead - Planning (Acting) | Sean | Fraser | 777 Bay Street, 12th Floor | Toronto | Ontario | M7A 2J3 | 416-325-5799 | sean.fraser@ontario.ca | July 1, 2023 | | | |
| | | Ministry of Municipal Affairs and Housing, Planning and Growth Division | Erick | Boyd | Exeter Road Complex, 2nd Floor, 659 Exeter Road | London | Ontario | N6E 1L3 | | | erick.boyd@ontario.ca | July 1, 2024 | | | Confirmation of Receipt |
| | | Ministry of Citizenship and Multiculturalism | Team Lead - Heritage, Heritage Planning Unit (Citizenship and Multiculturalism) | Tyler | Shantz | 400 University Ave, 5th Floor | Toronto | Ontario | M7A 2R9 | 416-660-1027 | tyler.shantz@ontario.ca | July 1, 2023 | | Nov. 11, 2024 | |
| | | Ministry of Citizenship and Multiculturalism | Heritage Planner, Heritage Planning Unit (Citizenship and Multiculturalism) | Barboza | Harvey | 401 University Ave, 5th Floor | Toronto | Ontario | M7A 2R9 | 613-242-3743 | karla.barboza@ontario.ca | July 1, 2023 | | Nov. 11, 2024 | |
| | | Ministry of Natural Resources and Forestry (Regional Office) | Heritage Planner, Heritage Planning Unit (Citizenship and Multiculturalism) | Minkin | | | | | | | joseph.harvey@ontario.ca | July 1, 2023 | | Nov. 11, 2024 | Auto Reply 11.12.2024 |
| | | Ministry of Natural Resources and Forestry (District Office) | Municipal Planning Advisor | Denis | LeMoire | 300 Water St | Peterborough | Ontario | K9J 3C7 | 705-772-8760 | denis.lemoire@ontario.ca | July 1, 2023 | | | |
| | | Ministry of Transportation | District Supervisor | Ian | Thornton | 1 Stone Road W, Ontario Gvmnt Bldg | Guelph | Ontario | N1G 4Y2 | 519-820-5050 | ian.thornton@ontario.ca | July 1, 2023 | | | |
| | | | Assistant Deputy Minister | Jonathan | Lebi | 438 University Ave, 12th Floor | Toronto | Ontario | M7A 1Z8 | 647-302-7129 | jonathan.lebi@ontario.ca | July 1, 2023 | | Nov. 11, 2024 | |
| | | Ministry of Transportation | Regional Environmental Assessment Analyst | David | Harth | 867 Lakeshore Road | Burlington | Ontario | L7S 1A1 | 905-336-4999 | harth.david@ontario.ca | July 1, 2023 | | Nov. 11, 2024 | Confirmation of Receipt |
| | | Fisheries and Oceans Canada | Planner, Wellington North | Jessica | Conroy | 6725 Wellington County Road 109, PO Box 729 | RR1 Palmerston | Ontario | N0G 2P0 | 519-621-2763 Ext. 2230 | info@fco-mpo.gc.ca | July 1, 2023 | | Nov. 11, 2024 | |
| | | Ontario Provincial Police, Wellington County | Manager of Water Resources | Janet | Ivey | 400 Clyde Road, PO Box 729 | Cambridge | Ontario | N1R 5W6 | 519-621-2763 Ext. 2128 | jconroy@grandriver.ca | July 1, 2023 | | Nov. 11, 2024 | |
| | | Grand River Conservation Authority | Manager of Water Infrastructure | Katelyn | Lynch | 400 Clyde Road, PO Box 729 | Cambridge | Ontario | N1R 5W6 | 519-621-2763 Ext. 2262 | jivey@grandriver.ca | July 1, 2023 | | Nov. 11, 2024 | |
| | | Grand River Conservation Authority | Assistant Supervisor of Resource Planning | Laura | Warner | 400 Clyde Road, PO Box 729 | Cambridge | Ontario | N1R 5W6 | 519-621-2763 Ext. 2231 | planning@grandriver.ca | July 1, 2023 | | Nov. 11, 2024 | |
| | | Wellington Source Water Protection | Risk Management Official | Kyle | Davis | 400 Clyde Road, PO Box 729 | Cambridge | Ontario | N1R 5W6 | 519-846-9691 Ext. 362 | kdavis@centrewellington.ca | July 1, 2023 | | Nov. 11, 2024 | |
| | | Wellington Source Water Protection | Risk Management Inspector/Source Protection Coordinator | Emily | Vandermeulen | 400 Clyde Road, PO Box 729 | Cambridge | Ontario | N1R 5W6 | 519-846-9691 Ext. 365 | evandermeulen@centrewellington.ca | July 1, 2023 | | Nov. 11, 2024 | |
| | | Township of Wellington North | Mayor | Andy | Lennox | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | N0G 2E0 | 226-379-3317 | alennox@wellington-north.ca | July 1, 2023 | | Nov. 11, 2024 | |
| | | Township of Wellington North | Ward 1 Councillor | Penny | Renken | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | N0G 2E0 | 519-321-9217 | prenken@wellington-north.ca | July 1, 2023 | | Nov. 11, 2024 | |
| | | Township of Wellington North | Ward 2 Councillor | Sherry | Burke | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | N0G 2E0 | 519-323-2604 | sburke@wellington-north.ca | July 1, 2023 | | Nov. 11, 2024 | |
| | | Township of Wellington North | Ward 3 Councillor | Lisa | Hern | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | N0G 2E0 | 519-321-1598 | lfern@wellington-north.ca | July 1, 2023 | | Nov. 11, 2024 | |
| | | Township of Wellington North | Ward 4 Councillor | Steve | McCabe | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | N0G 2E0 | 519-321-9352 | smccabe@wellington-north.ca | July 1, 2023 | | Nov. 11, 2024 | |
| | | Township of Wellington North | CAO | Brooke | Lambert | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | N0G 2E0 | 519-848-3620 Ext. 4225 | blambert@wellington-north.com | July 1, 2023 | | Nov. 11, 2024 | |
| | | Township of Wellington North | Senior Project Manager, Operations | Tammy | Stevenson | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | N0G 2E0 | 519-848-3620 Ext. 4629 | ts Stevenson@wellington-north.com | July 1, 2023 | | Nov. 11, 2024 | |
| | | Township of Wellington North | Manager, Transportation Services | Dale | Clark | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | N0G 2E0 | 519-848-3620 Ext. 4521 | dclark@wellington-north.com | July 1, 2023 | | Nov. 11, 2024 | |
| | | Township of Wellington North | Urban Supervisor, Transportation Services | Andy | Morrison | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | N0G 2E0 | 519-848-3620 Ext. 4524 | amorrison@wellington-north.com | July 1, 2023 | | Nov. 11, 2024 | |
| | | Township of Wellington North | Economic Development Officer | Dale | Small | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | N0G 2E0 | 519-848-3620 Ext. 4234 | dsmall@wellington-north.com | July 1, 2023 | | Nov. 11, 2024 | |
| | | Township of Wellington North | Director Legislative Services/Clerk | Karen | Wallace | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | N0G 2E0 | 519-848-3620 Ext. 4227 | kwallace@wellington-north.com | July 1, 2023 | | Nov. 11, 2024 | |
| | | Township of Wellington North | Deputy Clerk | Cathy | Conrad | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | N0G 2E0 | 519-848-3620 Ext. 4221 | cconrad@wellington-north.com | July 1, 2023 | | Nov. 11, 2024 | |
| | | Township of Wellington North | Deputy Treasurer/Tax | Mary Jo | Marshall | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | N0G 2E0 | 519-848-3620 Ext. 4229 | mjmarshall@wellington-north.com | July 1, 2023 | | Nov. 11, 2024 | |
| | | Township of Wellington North | Manager, Environmental and Development Services | Corey | Schmidt | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | N0G 2E0 | 519-848-3620 Ext. 4627 | cschmidt@wellington-north.com | July 1, 2023 | | Nov. 11, 2024 | |
| | | Township of Wellington North | Process Compliance Analyst | Sara | McDougall | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | N0G 2E0 | 519-848-3620 Ext. 4628 | smcdougall@wellington-north.com | July 1, 2023 | | Nov. 11, 2024 | |
| | | Township of Wellington North | Chief Building Official | Darren | Jones | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | N0G 2E0 | 519-848-3620 Ext. 4462 | djones@wellington-north.com | July 1, 2023 | | Nov. 11, 2024 | |
| | | County of Wellington | Director of Planning and Development | Aldo | Salis | 74 Woolwich Street | Guelph | Ontario | N1H 3T9 | 519-837-2600 Ext. 2100 | aldos@wellington.ca | July 1, 2023 | | Nov. 11, 2024 | |
| | | County of Wellington | Ward 3 Councillor | Campbell | Cork | 74 Woolwich Street | Guelph | Ontario | N1H 3T9 | 519-400-8953 | campbell@wellington.ca | July 1, 2023 | | Nov. 11, 2024 | |
| | | County of Wellington | Ward 4 Councillor | Steve | O'Neill | 74 Woolwich Street | Guelph | Ontario | N1H 3T9 | 519-400-3571 | steveo@wellington.ca | July 1, 2023 | | Nov. 11, 2024 | |
| | | Arthur & District Chamber of Commerce | Director of Fire Services | Chris | Harrow | 146 George St, P.O. Box 519 | Arthur | Ontario | N0G 1A0 | 519-848-5603 | achamber@wightman.ca | July 1, 2023 | | Nov. 11, 2024 | |
| | | Township of Wellington North | Deputy Fire Chief | Marcos | Guidotti | 7490 Sideroad 7 W, PO Box 125 | Kenilworth | Ontario | N0G 2E0 | 519-323-1411 | mguidotti@wellington-north.com | | | | |

Project Contact List
 Arthur Water Supply and Storage
 Schedule 'B' Class EA
 Township of Wellington North

| NOTICE OF COMMENCEMENT | Stakeholder Category | Stakeholder | Title | Contact First Name | Contact Last Name | Street | Town/City | Province | Postal Code | Phone | Email | Notice of Commencement Letters + Notices | Responses /Acknowledgements | Notice of PIC Nov 2024 | Responses /Acknowledgements to be included on future correspondence |
|------------------------|---|---|--|--------------------|---------------------|--|-----------------------------|--------------------|--------------------|--|--|--|-----------------------------|------------------------|---|
| | | Six Nations of the Grand River Territory <u>Six Nations of the Grand River Territory</u> | Lands and Resources Director Chief of Staff | Lonny Tammy | Bomberry Martin | 1695 Chiefswood Road, PO Box 5000 1695 Chiefswood Road, PO Box 5000 | Ohsweken Ohsweken | Ontario Ontario | N0A 1M0 N0A 1M0 | 519-753-0665 519-753-0665 | Lonnybomberry@sixnations.ca tammymartin@sixnations.ca | July 1, 2023 | Nov. 11, 2024 | Nov. 11, 2024 | no longer a contact to be included on future correspondence |
| | | Six Nations of the Grand River Territory | Lands and Resources Assistant Director | Tayler | Hill | 1695 Chiefswood Road, PO Box 5000 | Ohsweken | Ontario | N0A 1M0 | 519-753-0665 | tayler.hill@sixnations.ca | July 1, 2023 | Nov. 11, 2024 | Nov. 11, 2024 | no longer a contact to be included on future correspondence |
| | | Haudenosaunee Development Institute Saugeen Ojibway Nation | Haudenosaunee Confederacy Chiefs Council Manager | Tracey Riel | General Warrilow | PO Box 714 10129 Highway 6 | Ohsweken Georgian Bluffs | Ontario Ontario | N0A 1M0 N0H 2T0 | 519-445-4222 519-534-5507 | info@hdi.land manager@saugeenojibwaynation.ca | July 1, 2023 | Nov. 11, 2024 | Nov. 11, 2024 | no longer a contact to be included on future correspondence |
| Additional May, 2024 | Letter + Notice Sent by Registered Mail + Email | Saugeen First Nation | Chief | Conrad | Ritchie | 6 Cameron Drive | Southampton | Ontario | N0H 2L0 | 519-797-2781 x1101 | Conrad.ritchie@saugeen.org | May 6, 2024 | Nov. 11, 2024 | Nov. 11, 2024 | |
| | | Saugeen First Nation | Band Administrator | Gerry | Glover | 6 Cameron Drive | Southampton | Ontario | N0H 2L0 | 519-534-1689 | sfn@saugeen.org | May 6, 2024 | Nov. 11, 2024 | Nov. 11, 2024 | |
| | | Saugeen First Nation | Executive Assistant | Leona | Roote | 6 Cameron Drive | Southampton | Ontario | N0H 2L0 | | | May 6, 2024 | Nov. 11, 2024 | Nov. 11, 2024 | |
| Additional May 2024 | Letter + Notice Sent by Registered Mail + Email | Chippewas of Nawash First Nation | Chief | Gregory | Nadiwon | 135 Lakeshore Blvd. | Wiarton | Ontario | N0H 2T0 | 226-379-3322 | chief@nawash.ca | May 6, 2024 | Nov. 11, 2024 | Nov. 11, 2024 | |
| | | Chippewas of Nawash First Nation | Executive Assistant | Diane | Ross | 135 Lakeshore Blvd. | Wiarton | Ontario | N0H 2T0 | 519-534-1689 | executiveassistant@nawash.ca | May 6, 2024 | Nov. 11, 2024 | Nov. 11, 2024 | |
| | | Chippewas of Nawash First Nation | Office Clerk | Vanessa | Keeshig | 135 Lakeshore Blvd. | Wiarton | Ontario | N0H 2T0 | 519-534-1689 | eaadminassistant@nawash.ca | May 6, 2024 | Nov. 11, 2024 | Nov. 11, 2024 | |
| Additional June 2024 | Letter + Notice Sent by Registered Mail + Email | Six Nations of the Grand River Territory | Chief (Lands & Resources) | Sherri-Lyn | Hill | 1695 Chiefswood Road, PO Box 5000 | Ohsweken | Ontario | N0A 1M0 | nds & Resources 519-753-0665 | SNGR.Chief@sixnations.ca | June 11, 2024 | Nov. 11, 2024 | Nov. 11, 2024 | |
| | | Six Nations of the Grand River Territory | (Interim) Chief Executive Officer | Nathan | Wright | 1695 Chiefswood Road, PO Box 5000 | Ohsweken | Ontario | N0A 1M0 | nds & Resources 519-753-0665 | SNGR.ceo@sixnations.ca | June 11, 2024 | Nov. 11, 2024 | Nov. 11, 2024 | |
| | | Six Nations of the Grand River Territory | Chief of Staff | Linda | Parker | 1695 Chiefswood Road, PO Box 5000 | Ohsweken | Ontario | N0A 1M0 | nds & Resources 519-753-0665 | SNCOS@sixnations.ca | June 11, 2024 | Nov. 11, 2024 | Nov. 11, 2024 | |
| | | Six Nations of the Grand River Territory | Consultation Supervisor | Peter | Graham | 1695 Chiefswood Road, PO Box 5000 | Ohsweken | Ontario | N0A 1M0 | nds & Resources 519-753-0665 | LRCS@sixnations.ca | June 11, 2024 | copied | Nov. 11, 2024 | |
| | | Six Nations of the Grand River Territory | Consultation, Administrative Assistant | Dawn | Russell | 1695 Chiefswood Road, PO Box 5000 | Ohsweken | Ontario | N0A 1M0 | nds & Resources 519-753-0665 | Dawn.Russell@sixnations.ca | June 11, 2024 | | Nov. 11, 2024 | |
| | | Six Nations of the Grand River Territory | Secretary, Development/Archaeological | Dawn | Laforme | 1695 Chiefswood Road, PO Box 5000 | Ohsweken | Ontario | N0A 1M0 | nds & Resources 519-753-0665 | Dawn.LaForme@sixnations.ca | June 11, 2024 | | Nov. 11, 2024 | |
| | | | | | | | | | | GENERAL INFO. 519-445-2201 | | | | Nov. 11, 2024 | |
| Additional | Notice sent August 14 | R.J.Burnside & Associates Limited | Groundwater Resource Engineer | Jim | Baxter | 292 Speedvale Avenue West, Unit 20 | Guelph | Ontario | N1H 1C4 | 226-486-1560 | jim.baxter@rjburnside.com | | | Nov. 11, 2024 | |
| Additional | | 9-Nov-23 SCS Consulting Group Ltd. | Associate | Julie | Bottos | 30 Centurian Drive, Suite 100 | Markham | Ontario | L3R 8B8 | 905-475-1900 Ext. 2351 Cell 647.828.7492 | jbottos@scsconsultinggroup.com | | | Nov. 11, 2024 | |
| Additional | | 8-Jan-24 SCS Consulting Group Ltd. | EIT | Logan | Wintemute | 30 Centurian Drive, Suite 100 | Markham | Ontario | L3R 8B8 | 905-475-1900 Ext. 3000 | lwintemute@scsconsultinggroup.com | | | Nov. 11, 2024 | |

NOTICES

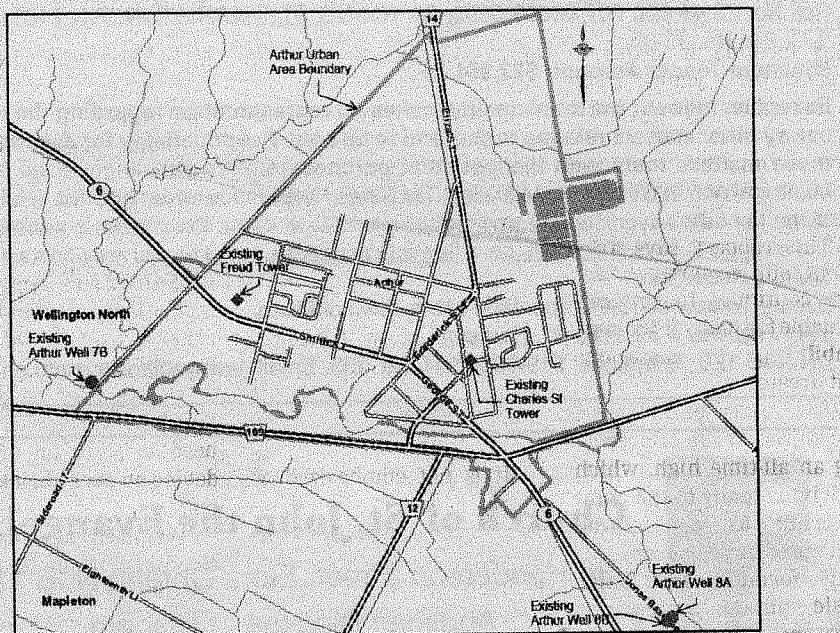


TOWNSHIP OF WELLINGTON NORTH SCHEDULE 'B' MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT ARTHUR WATER SYSTEM SUPPLY REDUNDANCY AND STORAGE

NOTICE OF PUBLIC INFORMATION CENTRE

Project:

The Township of Wellington North (Township) is holding a Public Information Centre to review the alternatives for the existing Arthur water system to address the need for water supply redundancy and additional water storage to support expected population growth. The existing water supply wells and towers in Arthur's water system are shown on the map below.



The project is being planned following the Schedule B process in the Municipal Class Environmental Assessment to identify and evaluate alternatives to address the water supply and storage requirements and select a preferred alternative. Consultation with affected or interested stakeholders, Agencies and Indigenous Communities is a key element in the planning process.

How to Participate:

You are encouraged to attend the Public Information Centre (PIC) and provide comments to be included in this Project and considered in finalizing the selection of the preferred alternative and identification of appropriate mitigation measures.

The PIC will be held as an informal "Open House/Drop-in" format, with materials pertaining to the study on display and members of the Project Team available to answer questions and discuss Project related issues.

The Public Information Centre will be held on:

Tuesday, November 26th, 2024, 5:00 p.m. to 7:00 p.m.
Arthur Area Curling Club, 160 Domville St, Arthur, ON N0G 1A0

For More Information:

Project updates are posted on the Township's website, www.wellington-north.com, on the Capital Projects page or you may contact one of the Project Team members listed below with any questions, comments or to be added to the Project mailing list.

Corey Schmidt, Manager, Environmental and Development Services
Township of Wellington North
7490 Sideroad 7W, PO Box 125
Kenilworth, ON N0G 2E0
519-848-3620 Ext. 4627
cschmidt@wellington-north.com

Lindsay Scott, P.Eng., Consultant Project Manager
Triton Engineering Services Limited
105 Queen St W, Unit 14
Fergus, ON N1M 1S6
519-843-3920 Ext. 251
lscott@tritoneng.on.ca

Comments submitted to the Project Team for the purpose of providing feedback regarding this Municipal Class Environmental Assessment are collected under the authority of the Environmental Assessment Act. Information will be collected in accordance with the Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments will become part of the public record. Questions relating to the collection, use and disclosure of this information may be addressed to Corey Schmidt, Manager, Environmental and Development Services, Township of Wellington North at (519) 848-3620 Ext. 4627 or cschmidt@wellington-north.com

This Notice first issued November 14th, 2024.

'We try to be there for people'

» **FROM PAGE 30**
 actively seeks to nurture their passion for participation in the industry. A pillar of his business is to support these individuals and

is evident by his financial and volunteer support of youth events including dairy shows and 4-H activities."

Swackhammer expressed gratitude to those who had

nominated him, to his family, and to his veterinary team.

"It's the whole group of people that I work with every day that make these things happen," he said.

NOTICES

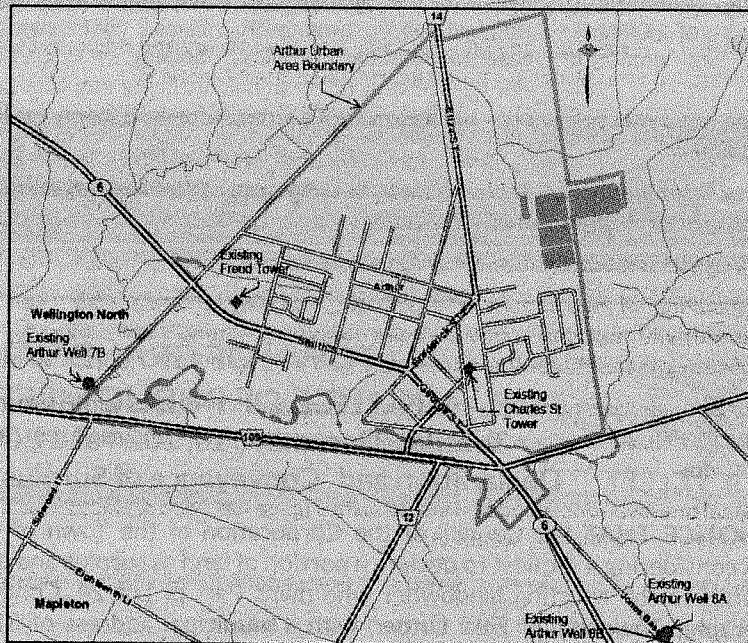


TOWNSHIP OF WELLINGTON NORTH SCHEDULE 'B' MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT ARTHUR WATER SYSTEM SUPPLY REDUNDANCY AND STORAGE

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Comments submitted to the Project Team for the purpose of providing feedback regarding this Municipal Class Environmental Assessment are collected under the authority of the Environmental Assessment Act. Information will be collected in accordance with the Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments will become part of the public record. Questions relating to the collection, use and disclosure of this information may be addressed to Corey Schmidt, Manager, Environmental and Development Services, Township of Wellington North at (519) 848-3620 Ext. 4627 or cschmidt@wellington-north.com

This Notice first issued November 14th, 2024.



Arthur Water System Supply Redundancy & Storage

**Schedule “B” Municipal Class
Environmental Assessment**

**Public Information Centre
November 26, 2024**



Welcome

Thank you for your interest in this project. Your input on this project is a key element in the planning process.

This presentation slide deck is also available on the Township's Capital Projects webpage.

Please submit your input, questions and/or comments on or before December 20, 2024 to lscott@tritoneng.on.ca. A member of the Project Team will respond to any questions raised.

Comments and information received are collected under the authority of the Environmental Assessment Act and in accordance with the Freedom of Information and Protection of Privacy Act and, with the exception of personal information, will be included in the project documentation and become part of the public record.

Contacts

Project Team members are available to assist with website navigation and submission of comments by email or mail to:

Lindsay Scott, P.Eng.

Consultant Project Manager

Triton Engineering Services Limited

105 Queen Street West, Unit 14

Fergus, ON N1M 1S6

Phone #: (519) 843-3920 Ext. 251

Email: lscott@tritoneng.on.ca

Corey Schmidt

**Manager, Environmental and
Development Services**

Township of Wellington North

7490 Sideroad 7W, PO Box 125

Kenilworth, ON N0G 2E0

Phone #: (519) 848- 3620 ext. 4627

Email: cschmidt@wellington-north.com

Municipal Class EA Planning Design Process

The Municipal Class EA process provides Municipalities with an approved-self assessment process for planning and implementing municipal sewage (sanitary and storm), potable water, road and transit projects that are routinely carried out, and have a common set of alternatives with recurrent, predictable environmental effects and mitigation measures.

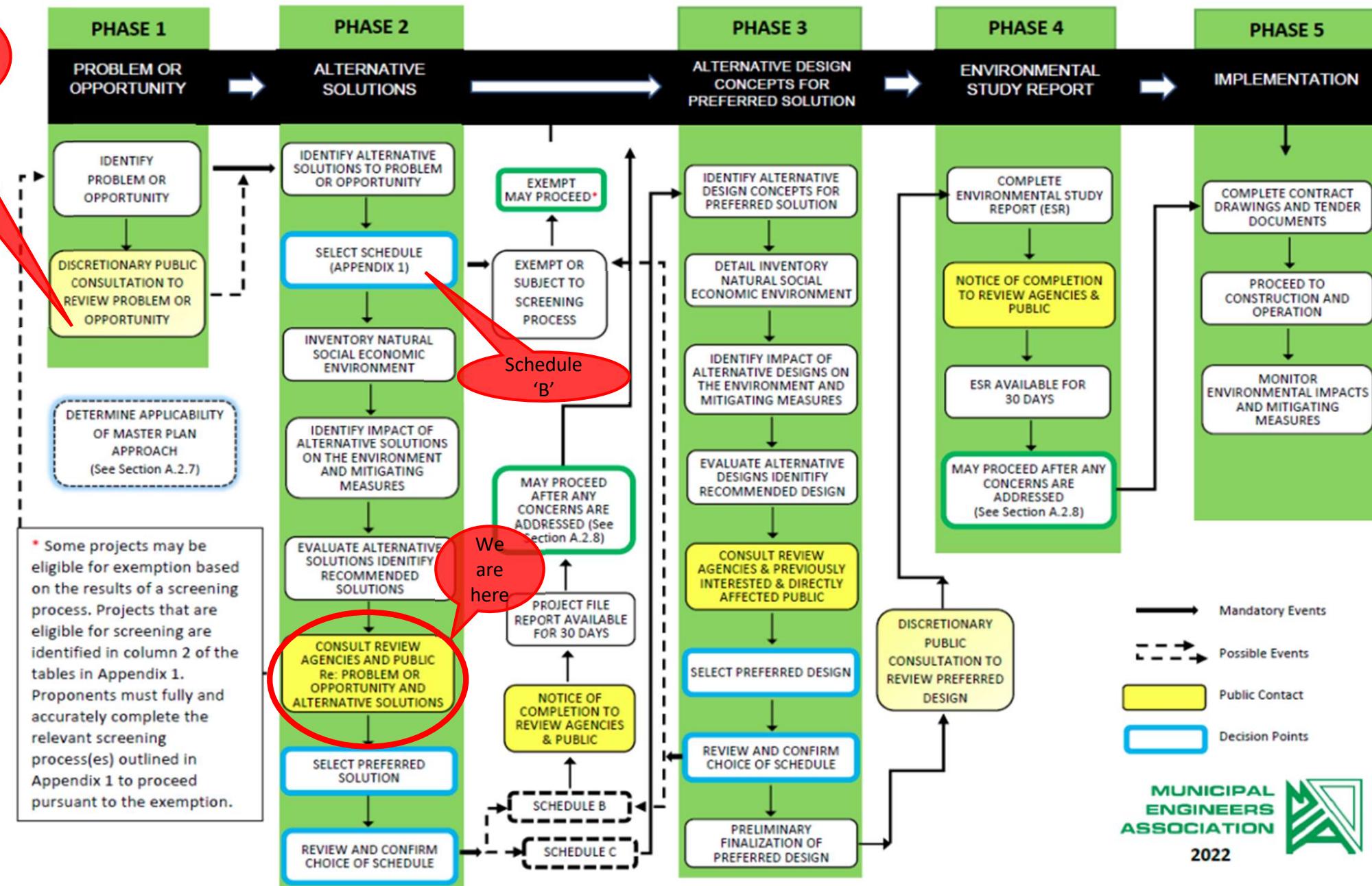
The Municipal Class EA process follows five key principles under the Environmental Assessment Act:

1. Consultation with affected parties early on and throughout the process to ensure planning is a cooperative venture.
2. Consideration of a reasonable range of alternatives.
3. Identification and consideration of the effects of each alternative on all aspects of the environment.
4. Systematic evaluation of alternatives in terms of their advantages and disadvantages to determine their net environmental effects.
5. Provision of clear and complete documentation of the planning process followed, to allow “traceability” of decision-making with respect to the project.

The Municipal Class EA categorizes projects according to their potential impact on the environment. This project is being undertaken as a Schedule ‘B’, Class EA, which follows Phases 1 and 2 of the Class EA Planning Process.

MUNICIPAL CLASS EA PLANNING & DESIGN PROCESS

Notice of
Commencement
first issued
July 13, 2023



Project Background

- Arthur is a growing urban community within the Township of Wellington North that is serviced by municipal water, sanitary and stormwater systems.
- A Technical Study was completed in November 2020 to review the adequacy of the water and sanitary systems to meet the needs of the existing community and to service future development.
- In regards to the Arthur water system, The Technical Study concluded that:
 - Water supply redundancy is required within the next 15 years
 - The existing water storage facilities are aging and may limit service in outlying areas
 - Additional water storage capacity is required within the next 5 to 15 years



Existing Arthur Water System

Watermain Distribution Network:

- 21 km of watermain that currently services all existing developed areas within Arthur's urban boundary, and includes approximately 1,340 service connections

Water Storage:

- 1,364 m³ total system storage volume is provided by two elevated water storage facilities
 - Charles St (Multi-Leg) Tower and Freud (Spheroid) Tower

Water Supply and Pump Houses:

- 4,216 m³/day total available (source) water supply capacity is provided by three bedrock wells
 - Well No. 7B (housed in Pumphouse #7) and Wells 8A and 8B (both housed in Pumphouse #8)

Multi-Leg Tower



Located at 195 Isabella St E, near the intersection of Charles Street East and Isabella Street, in the southeast part of the system



A Multi-legged steel tank with a storage volume of 227 m³ and operational water level range of 494.2 m to 499.6 m ASL.



The tower was commissioned in 1932 and has reached the end of its reasonable service life.



The current Multi-leg storage is excluded from future capacity projections because it has reached the end of its service life.



The most recent inspection report (May 3, 2021) noted signs of structural deterioration and coating failure.



Spheroid Tower



Located at 460 Smith St, just north of Smith Street between Preston Street and Wells Street in the northwest part of the system



An all-steel spheroid tank with a storage volume of 1,137 m³ and operational water level range of 494.0 m to 499.2 m ASL.



The tower was commissioned in 1970 and is expected to reach the end of its service life in 2050.



The current Spheroid storage can be included in the near-term future capacity projections because it has some remaining service life.



The most recent inspection report (May 27, 2024) noted good condition with suggestions to replace interior/exterior coating.



Well 7B



Located at 109 Wells Street West near the Conestogo River



A deep overburden well with a rated capacity of 22.7 L/s (1,961 m³/day)



The well was commissioned in 1998.



Housed in Pumphouse #7.



Wells 8A & 8B



Located on Part of Lots 20 and 21, Concession A, 1.15 km south of County Rd 109 and 235 m east of Highway 6.



Each well has a rated capacity of 26.1 L/s (2,255 m³/day); however, both wells cannot be pumped concurrently.



These deep overburden wells were commissioned in 2005.



Housed in Pumphouse #8



Existing System Capacity

Storage Capacity:

The combined storage capacity of the existing treated water storage facilities

$$= \text{Multi-leg Tower capacity (227 m}^3\text{)} + \text{Spheroid Tower capacity (1,137 m}^3\text{)}$$

$$= \mathbf{1,364 \text{ m}^3}$$

Supply Source Capacity:

The system capacity represents the cumulative sum of all the wells rated capacities

$$= \text{Well 7B (1,961 m}^3\text{/day)} + \text{Well 8A/Well 8B (2,255 m}^3\text{/day)}$$

$$= \mathbf{4,216 \text{ m}^3/\text{day}}$$

Supply Firm Capacity:

The source capacity of the system with the largest pump or source out of service. Consideration of Firm Capacity ensures sufficient redundancy in the system supply and treatment in case of an equipment failure.

= Source Capacity (4,216 m³/day) – [largest] pump/source out of service (since Wells 8A/8B is a dual system with backup power, it is less likely to experience failure and therefore Well 7B is the most likely source to be out of service (1,961 m³/day)

$$= \mathbf{2,255 \text{ m}^3/\text{day}}$$

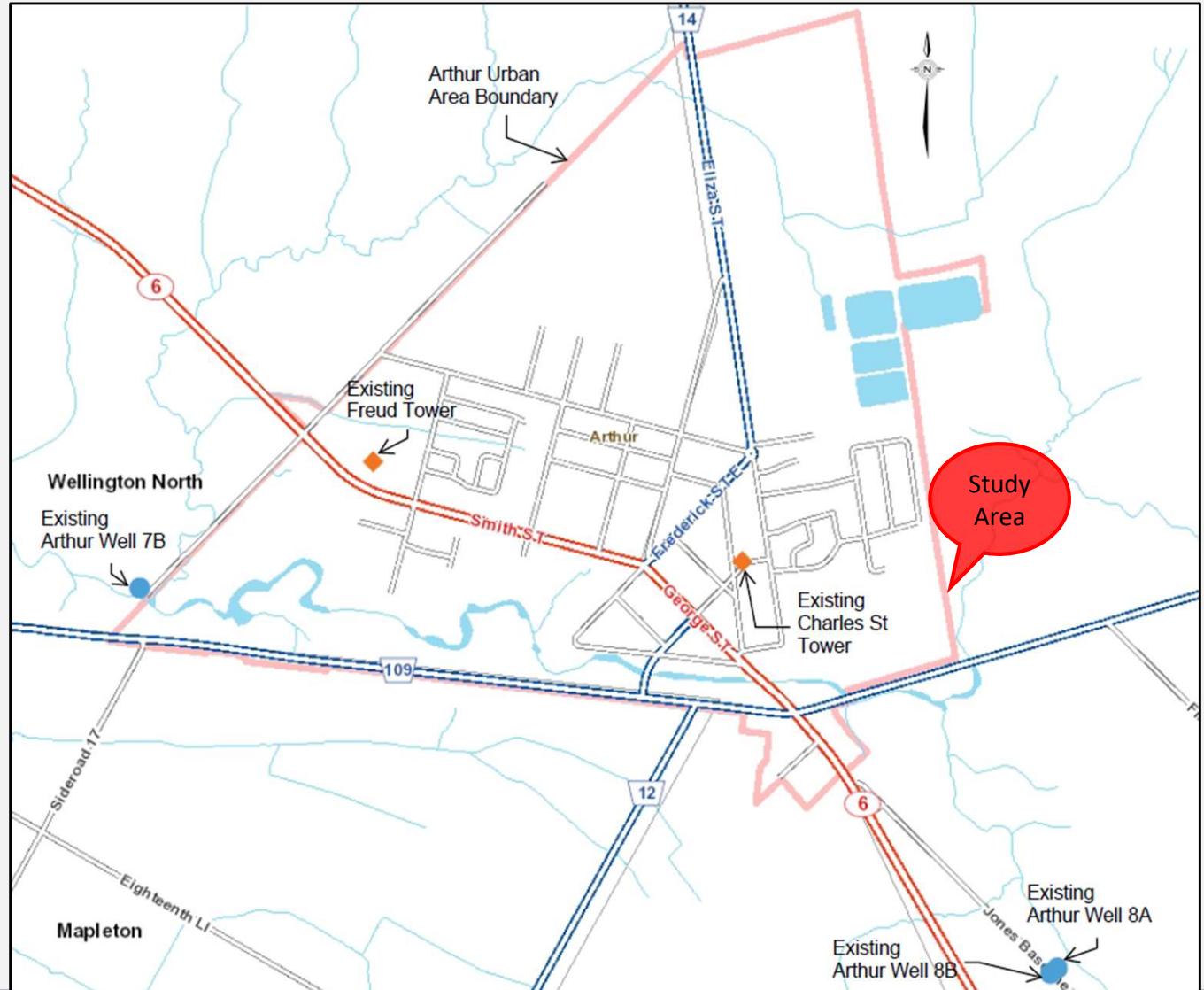
Phase 1: Problem (Opportunity) Statement

The Township initiated this Schedule 'B' Class EA, to address the following Problem/Opportunity Statement:

“The existing Arthur water system requires water supply redundancy and additional water storage to support expected population growth.”

Study Area

The Study Area includes approximately 460 ha of land, bounded by the urban area limits of Arthur



Inventory of Existing Conditions

The Class EA requires existing environmental conditions of the Study Area to be defined to determine the magnitude of potential effects (positive or negative) to these features resulting from implementation of the alternative solutions.

The Class EA divides the environment into five categories as follows:

1. Natural Environment
2. Economic Environment
3. Technical Environment
4. Social Environment
5. Cultural Heritage Environment

A description and general inventory of the environments within the Study Area was completed to identify any factors that could influence the identification of the preferred alternative.

Existing Conditions: Natural Environment

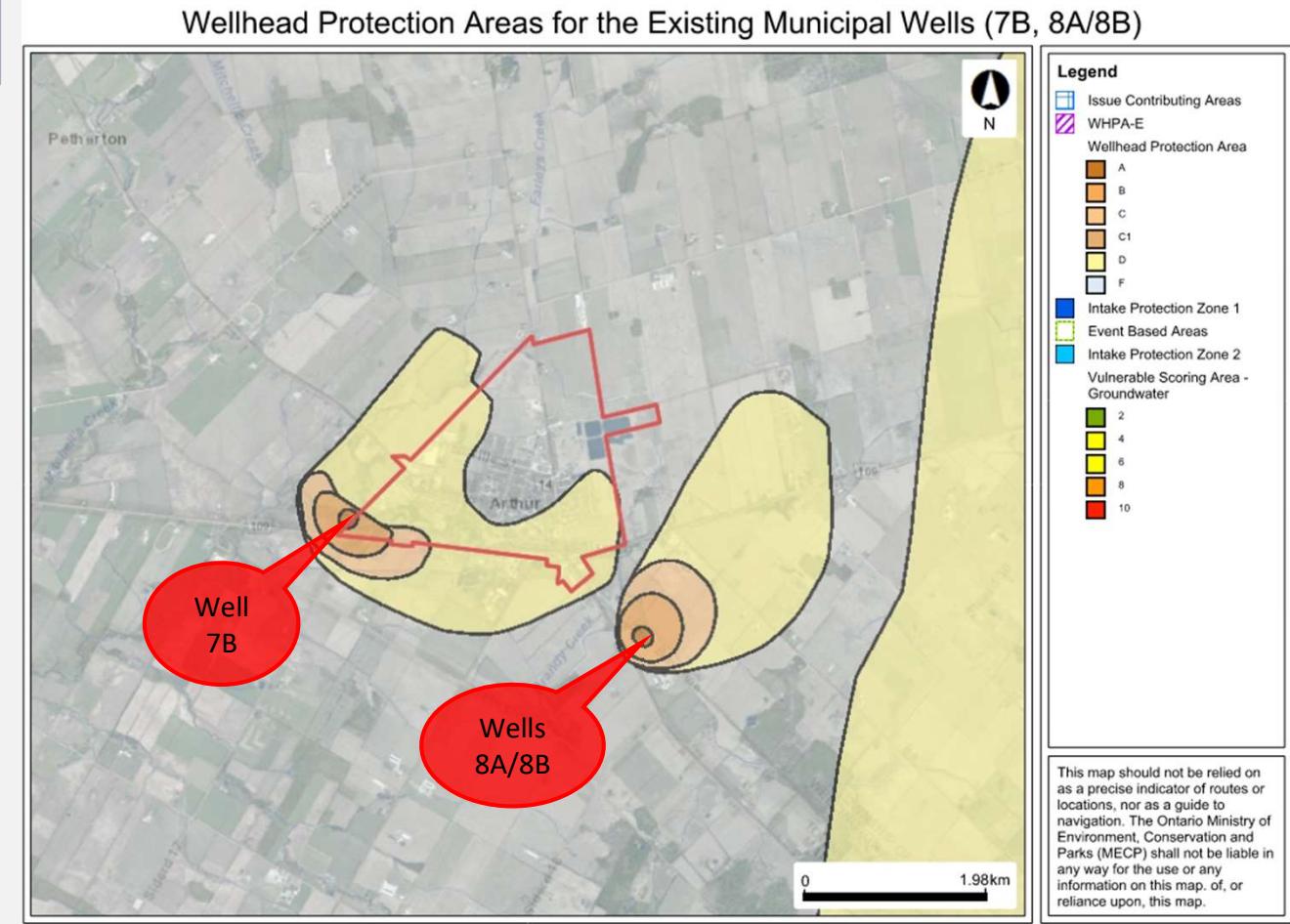
Defined based on a desktop review of online resources (Natural Heritage Information Centre, Grand River Conservation Authority [GRCA], Atlas of Breeding Birds, Source Water Protection, etc., as follows:

- Majority of the area is “built-up”.
- Regulated areas include floodplain, slope erosion, slope valley and regulated watercourse.
 - Any work proposed within GRCA regulated limits requires approval from GRCA prior to implementation
- Four provincial Species at Risk and two others considered rare in Ontario were identified within or proximate to (within 1km of the Study Area)
- Field observations have not been completed to determine the presence of SAR or breeding birds and their habitat within the Study Area
- Deep overburden (Lower Sediments) are typical for producing high-capacity wells with high iron and manganese concentrations due to mineralization within the sediments
 - Lower Sediments tend to thin out in the NE portion of the Study Area
- Deep bedrock is generally characterized by low hydraulic conductivity due to presence of silt, clay, glacial till and unfractured bedrock
- Located within Zones A, B, C and D of the existing Wellhead Protection Area for the existing municipal wells
- Groundwater provides water supply to the municipal water system and majority of private residential wells (abandoned), industrial and commercial wells, and surrounding Arthur

Source Water Protection

- The study area is located within the Grand River Source Protection Area of the Lake Erie Source Protection Region and is subject to Grand River Source Protection Plan, Chapter 7 - County of Wellington Source Protection Plan.
- As per the *Safe Drinking Water Act* and *Clean Water Act* municipal wells are required to have wellhead protection areas (WHPAs). Zones around the well indicate proximity and travel time of for groundwater to reach the well.
- Zone A = 100m radius surrounding the well
- Zone B = less than or equal to 2-years travel time
- Zone C = between 2- and 5 – Year travel time
- Zone D = between 5- and 25 –year travel time

Vulnerability of each well is scored from 2 (least vulnerable) to 10 (most vulnerable)



Existing Conditions: Economic and Technical Environment

Economic Environment

Defined based on a review of various studies (development, County Municipal Comprehensive Review, Community Growth Plan, Water and Wastewater Rate Study, etc). as follows:

- Arthur has experienced strong average annual rate of growth over the last three years
- Municipal Comprehensive Review provides growth projections to calendar year 2051, to be used in planning for growth and growth related facilities
- Operation and maintenance costs of the municipal water system are recovered from operating (non-rate) revenues and direct billing of customers

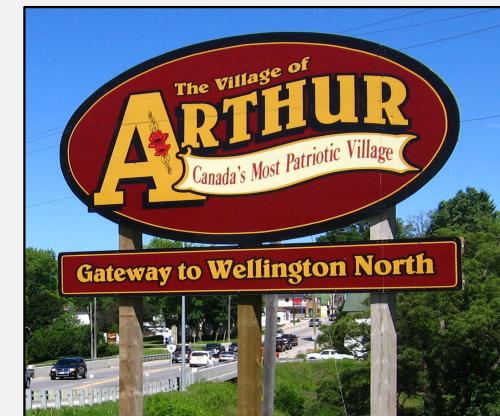
Technical Environment

- Water storage capacity is based on the storage volume of the Spheroid Tower and Multi-Leg Tower
- Multi-Leg Tower has reached the end of its service life
- Pressures and flow within the watermains (distribution network) is a factor of the water storage operating ranges and demands within the water system, as well as the land topography within the serviced area
- Pressure within the system is maintained within the optimal design range to ensure it is sufficient for domestic use and fire protection
- Future development areas require watermain extensions and lands at higher elevations may experience sub-optimal flows and pressures based on the operating range of the existing system

Existing Conditions: Social and Cultural Heritage Environment

Social Environment

- Arthur is designated as “Canada’s Most Patriotic Village” by the Toronto Star in November 2, 1942
- Community services within the Township include emergency, environmental, arts and culture, recreation, transportation and business support
- Per the Township’s 2024 Strategic Plan, the three strategic priorities of the Township to “build a safe, sustainable and welcoming community” are as follows:
 1. Shape and support sustainable growth
 2. Deliver quality, efficient community services aligned with Township’s mandate and capacity
 3. Enhance information sharing and participation in decision-making.



Cultural Heritage Environment

- The Study Area contains several natural heritage and cultural heritage assets, as follows:
 - 181 Tucker St is designated as being of architectural and historical value or interest under the Ontario Heritage Act
 - The Grand River is a designated Canadian Heritage River System, with cultural heritage features
 - Arthur River Trails, MacPherson Park structure and Arthur Cenotaph are important cultural features
 - Jones Baseline Mural, Patriotic Mural, Canada’s Most Patriotic Village Mural, Pioneer Mural and Freedom Isn’t Free Mural
 - Intangible assets are local stories that contribute to arts and culture and include “Canada’s Most Patriotic Village, Wellington North as a Fashion Destination, The Roxy Theatre and The History of Hotels
- The potential for archaeological resources exist, since agricultural areas and historic transportation routes are commonly high potential areas.



Phase 2: Alternative Solutions

Phase 2 of the Class EA requires identification and assessment of a reasonable range of feasible alternatives to address the Problem/Opportunity Statement and includes the following:

| Alternative Solution | | Description | Details |
|-------------------------------|----|--|---|
| Baseline/General Alternatives | 1a | “Do Nothing” | Considered for all Municipal Class EA projects and is only implemented when the costs of all other alternatives significantly outweigh the benefits and negative impacts. |
| | 1b | Limit Community Growth | Population growth would be limited to what the existing water system can sustain. Does not include improvements or changes to increase supply redundancy or water storage capacity. |
| | 1c | Reduce Water Demand/Implement Conservation Measures | Includes the reduction of water demand through conservation, efficiency and demand management. Does not include improvements or changes to increase supply redundancy or water storage capacity. Extends the timeline of when the existing system would be insufficient to service the future population. |
| Water Supply Alternatives | 2a | Increase Water Taking from Existing Municipal Wells | Considers increasing the permitted water taking from the existing municipal wells to provide supply redundancy for the future population. |
| | 2b | Addition of New Well(s) to the Existing Municipal System | Includes the addition of a new municipal well(s) to increase supply capacity and achieve additional supply redundancy. Also requires the need to meet water quality requirements. |
| Water Storage Alternatives | 3a | Construct a New Water Storage Facility to Supplement the Existing Municipal Water Storage Facilities | Provides additional water storage capacity through the construction of a new water storage facility, in addition to maintaining the existing two water storage facilities. |
| | 3b | Construct a New Water Storage Facility and Decommission the Existing Multi-Leg Storage Facility | Provides additional water storage capacity through the construction of a new water storage facility, while maintaining the spheroid tower and decommissioning the multi-leg tower. |
| | 3c | Construct a New Water Storage Facility and Decommission Both Existing Water Storage Facilities | Includes the construction of a new water storage facility to meet the water storage capacity needs of the existing and future population and decommission both of the existing water storage facilities. |

Projected Supply Requirements

- The Source Capacity of a water supply system should be greater than the Maximum Daily Demand (MDD) so that daily demand can be met if storage is offline.
- Municipal Comprehensive Review provides population projections to calendar year 2051, which were used to project future population needs (water demand and storage capacity).
- Exceedance of the Firm Capacity indicates there is insufficient redundancy in the system for water supply and treatment in case of an equipment/facility failure.
- Expansions typically take 5- 10 years to develop, therefore, planning for long-term needs must occur accordingly.

| Calendar Year | 2023 (Existing) | 2051 |
|---|-----------------|-------|
| Source Capacity (m ³ /day) | | 4,216 |
| Firm Supply Capacity (m ³ /day) | | 2,255 |
| Serviced Population | 3,195 | 4,800 |
| Persons per Residential Unit (Each) | 2.6 | 2.57 |
| Equivalent Residential Units (ERU) | 1,229 | 1,868 |
| Total Water Demand (Max. Day Demand, MDD) (m ³ /day) | 1,545 | 2,321 |
| Utilization (%) | 69 | 103 |
| Firm Reserve Capacity (m ³ /day) | 710 | -66 |

- 75% utilization anticipated by 2026.
- Firm Capacity deficit anticipated by 2046.

Projected Storage Requirements

- Storage Capacity designed to maintain adequate flows and pressures in the distribution network during peak hour demand and to meet MDD during fire and emergency events.

| Calendar Year | 2023 (Existing) | 2051 |
|--|--------------------|-------|
| Existing Storage | 1,364 | 1,137 |
| Serviced Population | 3,195 | 4,800 |
| Total Storage Required (m ³) | 1,482 | 1,958 |
| Storage Remaining | -118 | -821 |

Multi-leg tower is not considered beyond year 2023 since the facility has reached the end of its service life

Given that there is currently surplus supply Firm Reserve Capacity, the system maintains a sufficient water supply to service the existing population.

A storage volume of at least 900 m³ is needed to ensure there is sufficient storage capacity to service the projected future population to at least calendar year 2051.

Shortlist Evaluation of Alternative Solutions

Alternative solutions are evaluated based on the ability to address issues identified in the Problem/Opportunity Statement.

- **If the Problem Statement is satisfied (i.e., “Yes”), then the Alternative is shortlisted for further evaluation.**

| Alternative Solutions | | Problem Statement Components | | Problem Statement Addressed? |
|-------------------------------|---|--|--|------------------------------|
| | | Increase Water Supply Redundancy to Support Expected Population Growth | Increase Water Storage to Support Expected Population Growth | |
| Baseline/General Alternatives | 1a – “Do Nothing” | No | No | No |
| | 1b – Limit Community Growth | No | No | No |
| | 1c – Reduce Water Demand/Implement Conservation Measures | Partially | Partially | No |
| Water Supply Alternatives | 2a – Increase Water Taking from Existing Municipal Wells | Yes | Not Applicable | Yes |
| | 2b – Addition of New Well(s) to the Existing Municipal System | Yes | Not Applicable | Yes |
| Water Storage Alternatives | 3a – Construct a New Water Storage Facility to Supplement the Existing Municipal Water Storage Facilities | Not Applicable | Yes | Yes |
| | 3b – Construct a New Water Storage Facility and Decommission the Existing Multi-Leg Storage Facility | Not Applicable | Yes | Yes |
| | 3c – Construct a New Water Storage Facility and Decommission Both Existing Water Storage Facilities | Not Applicable | Yes | Yes |

Evaluation of Water Supply Alternatives

Alternative 2a – Increase water taking from existing wells:

- It is expected that the existing deep overburden well sites can produce more water than is currently permitted, which would need to be confirmed through drilling and testing.
- There are no records of deep bedrock wells in the Wells 8A/8B area.
- Existing wells have elevated iron (Well 7B) and manganese (Wells 8A/8B), which affect aesthetic water quality
- Water from Wells 7B and 8A/8B may require treatment if the proposed Health Canada guidelines for Canadian Drinking Water Quality are adopted as a standard.
- Expansion of Wells 7B, 8A/8B would likely be a significant expense given the required pump house expansion and construction of a treatment system to remove iron and manganese and wastewater discharge process, which would also require additional operation and maintenance costs.
- A second well would also be required at the Well 7B site, in addition to expanding supply capacity, to provide mechanical duplication and improve redundancy.
- Increasing pumping and adding a back-up well at Well 7B is likely to increase the size of the existing WHPA and area of WHPA-A, and affect several new properties that may have potential DNAPL threats (i.e., properties that handle or store DNAPLs)
- Increasing pumping at Wells 8A/8B is likely to increase the size of the WHPA, but not WHPA-A, and affect several new properties that may have potential DNAPL threats
- Infrastructure already extends and connects to existing well sites.
- Given the methodology of calculating Firm Capacity, increasing capacity at existing wells without the addition of a new well supply will not increase Firm Capacity, even with mechanical duplication at the Well 7B site and therefore is not considered feasible.

Evaluation of Water Supply Alternatives

Alternative 2b – Addition of New Well(s):

- Siting of a new well would increase supply capacity and improve system redundancy.
- The new well would be required to have a capacity of at least 864 m³/day and water quality that meets or exceeds current and future Ontario Drinking Water Standards (ODWS).
- Siting of a new well would change the size and orientation of the WHPA and could affect many properties within and outside the urban boundary.
- Water system infrastructure would be required to connect to the existing water system (i.e., new watermain, wellhouse, etc.).
- A bedrock water source would be preferred over the deep overburden, given that it is expected to contain less iron and manganese and therefore not require construction of a treatment system and connection to the sanitary sewers for wastewater discharge.
- Well Exploration directed to the north end of the Study Area on Township property at the intersection of the unopened Macauley St and Wells St intersection, which is expected to contain less iron and manganese given the understood hydrogeology of the area.

Next Steps in Evaluation:

- Begin Well Exploration for new water source.

Well Exploration and Testing

Test Well Drilling:

- Test Well TW1-21 was drilled in November 2021 on Township property at the southeast corner of the Macauley St and Wells St intersection.
- TW1-21 drilled to a depth of 42.4 m below grade, with a water well screen installed between 42.7 m and 47.5 m below grade.
- The test well was terminated in the deep overburden given the aquifer production ($>864 \text{ m}^3/\text{day}$) is representative of a regional bedrock aquifer.
- Short- and long-term pump testing and associated monitoring was completed.

TW1-21 Pumping Test and Monitoring Results:

- Only one private well, located within 1 km of TW1-21, experienced interference during the pumping test and is expected to be mitigated through upgrades or new well.
- No observed impacts to surface water quality and levels in Farley Creek.
- Water quality results were stable and iron and manganese levels are below concentrations produced at existing municipal wells. Hardness is comparable.
- Concentration of arsenic was less than the Ontario Drinking Water Standard (ODWS) Maximum Allowable Concentration (MAC); however, above half MAC, which would require quarterly sampling and monitoring. The Township may also consider design of a treatment system to remove or minimize arsenic in the water.
- It is noted that arsenic can change over a distance of 5 m, so a final production well constructed at the site may produce water with a different arsenic concentration.
- The deep aquifer is a secure source of groundwater (not directly influenced by surface water).
- TW1-21 should be considered as a potential municipal water source.

TW1-21 Well Location



Evaluation of Potential Impacts

| Environment Category | Alternative 2a – Increase Water Taking from Existing Well(s) | Alternative 2b – Addition of a New Well |
|----------------------|--|---|
| Cultural | The heritage attributes of natural heritage and cultural heritage assets will continue to exist with or without the installation of proposed infrastructure. Mitigation measures to continue to conserve cultural heritage value or interest will limit potential impacts. | |
| | Archaeological assessment is not required at existing well sites. | Archaeological assessment (Stage 1) is required at TW1-21 site given that the site is located within 300 m of a water source. |
| Social | Will provide increased supply redundancy, which is a requirement for continued growth to meet the requirements of the Provincial Policy Statement. | |
| Natural | Potential impacts to vegetation, wildlife and their habitat is rated as minor. Impacts to surface/groundwater quality and quantity not anticipated as Wells 7B, 8A/8B are existing and based on monitoring results at TW1-21. | |
| | Increasing pumping and adding a back-up well at Well 7B or increasing pumping at Wells 8/8B is likely to increase the size of the existing WHPA and area of WHPA-A and affect several new properties that may have potential DNAPL threats. Further study is required to delineate vulnerable areas and amend the respective Source Protection Plan. | The new well would change the size and orientation of the WHPA and could affect many (future) properties within and outside the urban boundary. Properties within a 100 m radius may be subject to requirements including septic inspections, manure application prohibitions, risk management plans for agricultural activities. Further study is required to delineate vulnerable areas and amend the respective Source Protection Plan. |
| Technical | Existing wells have elevated iron (Well 7B) and manganese (Wells 8A/8B), which affect aesthetic water quality. Water may require treatment if the proposed guidelines for iron and manganese are adopted as a standard and will include wellhouse expansion and treatment systems. Mechanical duplication would be required at Well 7B, to improve system redundancy. Given the methodology of calculating Firm Capacity, increasing capacity at existing wells without the addition of a new well supply will likely not increase Firm Capacity, even with mechanical duplication at the Well 7B site. Volume of additional capacity is unknown and requires investigation. | The site is located in a future development area that will eventually require water system infrastructure regardless of siting a municipal well at the proposed location and is not considered to be in a relatively remote location like existing Wells 7B, 8A/8B. Construction of a new wellhouse and treatment system for arsenic will be required. Can likely achieve a rated capacity of 2332 m ³ /day, which will satisfy project demands beyond calendar year 2051. |
| Economic | Will require the expansion of well houses, treatment facilities, sanitary sewers for discharge of wastewater from treatment process, drilling and development of a new well. It is uncertain if expansion of existing facilities would provide sufficient firm capacity for future development and therefore, additional water supply capacity at a new source may also be required, at additional cost. It is expected that costs will be comparable to those anticipated for Alternative 2b. | Will require development of two production wells at TW1-21 site, construction of a well house and associated appurtenances including treatment facilities, watermain extensions and sanitary sewer extensions for discharge of wastewater from treatment process. Estimated Capital Cost: \$3.3M - \$4M, including treatment system, wellhouse, infrastructure extensions. |

Water Supply Preliminary Preferred Alternative

The preliminary preferred alternative is selected based on the alternative that is most prepared to meet the requirements of the future growth scenario.

Alternative 2b – Addition of a New Well is the Preliminary Preferred Alternative to address the Water Supply Redundancy requirement, based on satisfaction of the following criteria and evaluation of impacts (previous slide):

- Can produce at least 864 m³/d (likely 2,332 m³/day).
- Produces water quality that meets or exceeds ODWS for sulphate, iron and manganese.
- Improves system redundancy and reliability in the supply system by having another source in addition to the existing wells.
- Impacts to cultural heritage, natural, social, technical and economic environments are similar between both alternatives.

Recommendations:

- TW1-21 is a potential municipal water source.
- Consider Alternative 1c – Reduce Water Demand/Implement Conservation Measures as a component in the implementation of the preferred alternative to extend the service life of the existing and future water supply.

Evaluation of Water Storage Alternatives

Alternative 3a – Construct a New Water Storage Facility to Supplement Existing Storage Facilities:

- A new water storage tower would be constructed to provide additional storage capacity for the water system.
- The existing multi-leg tower has reached its end of service life and requires decommissioning.
- This alternative is not feasible given the condition of the existing multi-leg tower.

Alternative 3b – Construct a New Water Storage Facility and Decommission the Existing Mult-Leg Tower:

- A new water storage facility would be constructed to provide additional storage capacity for the system (in addition to the existing spheroid tower).
- A new elevated storage facility would provide an opportunity to improve pressures within the existing water distribution network and future development areas.
- Requires consideration of system operation, i.e., single or multiple pressure zones, which affects operating complexity and infrastructure requirements.

Alternative 3c – Construct a New Water Storage Facility and Decommission Both of the Existing Water Storage Facilities:

- A new tower would be designed to provide sufficient storage capacity to address the immediate and future population.
- The new tower would provide sufficient pressures within the system for all areas within the urban boundary.
- Requires decommissioning of both existing water storage facilities, which sacrifices remaining service life of the spheroid tower and operation advantage of a two tower system.

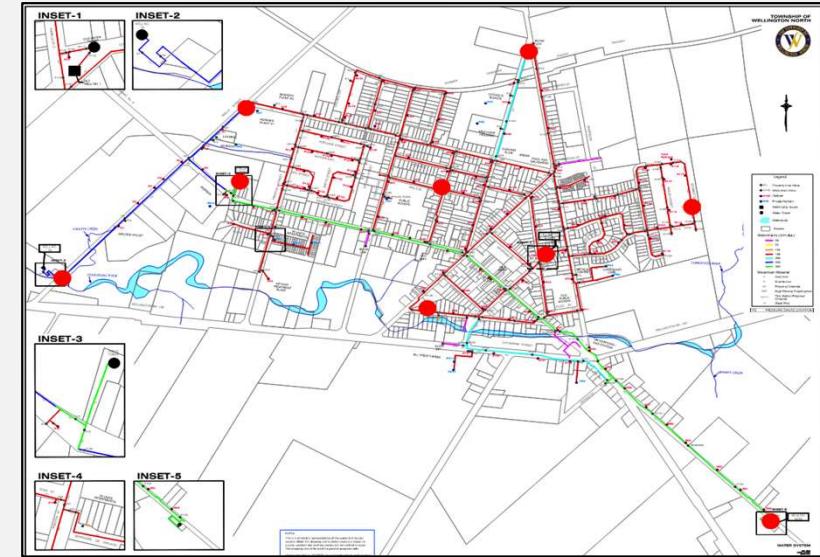
Evaluation of Water Storage Alternatives

System Pressure Test

- A system pressure test was conducted in Arthur on July 23rd, 2024.
- The Spheroid tower was filled to the maximum water level to determine the maximum pressures within the water distribution network for the existing system.
- The pressure readings from this test identified the design for the high-water level in the new tower which was found to be **501.703 m above sea level**, to ensure minimum acceptable pressures and flow within the system would be maintained in future development areas.

Location Review

- A review of WaterCAD software modelling of the Arthur system was used to determine the optimal location to place the new tower.
- Based on model results and consultation with the Township of Wellington North, the preferred location was determined to be near Macauley St and Wells St (TW1-21 Site).



Evaluation of Potential Impacts

| Environment Category | Alternative 3b - <u>Construct a New Water Storage Facility and Decommission the Existing Multi-Leg Tower</u> | Alternative 3c - <u>Construct a New Water Storage Facility and Decommission Both of the Existing Water Storage Facilities</u> |
|----------------------|--|--|
| Cultural | The heritage attributes of natural heritage and cultural heritage assets will continue to exist with or without the installation of proposed infrastructure. Mitigation measures to continue to conserve cultural heritage value or interest will limit potential impacts. | |
| Social | Will provide increased water storage capacity, which is a requirement for continued growth to meet the requirements of the Provincial Policy Statement. | |
| Natural | Potential impacts to vegetation, wildlife and their habitat is rated as minor. | |
| Technical | <p>Addresses problem statement.</p> <p>Retaining spheroid tower allows operational advantage of a two-tower system to be retained once the multileg tower is decommissioned.</p> <p>Allows remaining service life of the spheroid tower to be realized.</p> | <p>Addresses problem statement.</p> <p>Single tower system reduces storage redundancy.</p> <p>Sacrifices remainder of spheroid tower service life.</p> |
| Economic | <p>Estimated New Tower (1,000m³) Capital Cost: \$5.0 - \$6.5 Million</p> <p>Estimated Spheroid Refurbishment Capital Cost: \$2.0 – 2.5 Million</p> <p>Operational Cost: No change from existing as the system would have no additional facilities to operate.</p> | <p>Estimated New Tower (2,000m³) Capital Cost: \$7.0 - \$8.5 Million</p> <p>Estimated Existing Spheroid Demolition Costs: \$1.0 Million</p> <p>Operational Cost: Marginal operational cost reduction due to only needing to operate one storage facility.</p> |

Water Storage Preliminary Preferred Alternative

The preliminary preferred alternative is selected based on the alternative that is most prepared to meet the requirements of the future growth scenario.

Alternative 3b – Construct a New Water Storage Facility and Decommission the Existing Multi-leg Tower is the preliminary preferred alternative to address the Water Storage requirement, based on satisfaction of the following criteria and evaluation of impacts (previous slide):

- Can provide upwards of 900 m³ of storage at an elevation that will allow for operational flexibility in the future.
- Reduces operational costs and investment needed for the refurbishment of the existing Multi-Leg.
- Improves system reliability as the new tower would be outfitted with modern monitoring and operations to allow for increased system oversight and control.
- Impacts to cultural heritage, natural, social, technical and economic environments are similar between both alternatives.

Recommendations:

- Decommission the multi-leg tower.
- Retain the spheroid tower until the end of its service life.
- Construct a new elevated storage facility within the same parcel of land as TW1-21 to improve efficiency, and allow for operational flexibility
- Construct and design the new elevated storage facility with the option to increase the water pressure in the future, when the Spheroid tower has reached the end of its service life.
- Consider Alternative 1c – Reduce Water Demand/Implement Conservation Measures as a component in the implementation of the preferred alternative to extend the service life of the existing and future water storage.

Preliminary Preferred Alternative

The preliminary preferred alternative to address the Problem/Opportunity Statement:

Alternative 2b – Addition of a New Well

- Includes the addition of a new municipal well at TW1-21 site to increase supply capacity and achieve additional supply redundancy.

Alternative 3b – Construct a New Water Storage Facility and Decommission the Existing Multi-leg Tower

- Provides additional water storage capacity through the construction of a new elevated water storage facility at the TW1-21 site, while maintaining the spheroid tower and decommissioning the multi-leg tower.

Implementation Strategy

Following this PIC, we will:

- Receive input/questions/comments on or before December 20, 2024 for consideration and incorporation into the planning and assessment of this project.
- Complete Stage 1 Archaeological Assessment for TW1-21 site.
- Notify all stakeholders of Class EA Notice of Completion and filing of Project File Report for public review for a period of 30 calendar days.
- Subject to comments received as a result of the Notice of Completion, proceed to next phase of the project, which includes detailed design.



Next Steps

It is anticipated that the next phase of the Project will include but not be limited to the following tasks:

- Work with the Township to develop a workplan for water system upgrades, considering phasing, scheduling, development timing, and funding sources.
- Proceed with the development of the new well and water tower site.
- Satisfy requirements of Wellington Source Water Protection.
- Applications for PTTW approvals for the test site well (TW1-21).
- Design of required infrastructure including well pumping/treatment facilities, transition watermains, storage facilities and associated control facilities.





Thank You!

We welcome your comments & questions.

Please provide comments & questions by December 20, 2024

Corey Schmidt
Manager, Environmental and
Development Services
Township of Wellington North
7490 Sideroad 7W, PO Box 125
Kenilworth, ON N0G 2E0

Lindsay Scott, P.Eng.
Consultant Project Manager
Triton Engineering Services Ltd.
105 Queen Street West, Unit 14
Fergus, ON N1M 1S6

Phone #: (519) 848- 3620 ext. 4627
Email: cschmidt@wellington-north.com

Phone #: (519)843-3920 Ext. 251
Email: lscott@tritoneng.on.ca





Township of Wellington North

Schedule 'B' Class Environmental Assessment

Arthur Water System Supply Redundancy and Storage

PUBLIC INFORMATION CENTRE

Tuesday November 26, 2024 from 5:00 p.m. to 7:00 p.m. at the Arthur Area Curling Club

REGISTRATION



Township of Wellington North

Schedule 'B' Class Environmental Assessment Arthur Water System Supply Redundancy and Storage

PUBLIC INFORMATION CENTRE

COMMENT SHEET

The Township of Wellington North would like to know your comments on the project and the Preliminary Preferred Alternatives. Consultation is a key element in the planning process.

NAME: _____

ADDRESS: _____

PHONE#: _____

EMAIL: _____

Please provide us with your comments regarding the study by December 20, 2024.

Comments can be emailed to one of the following Project team members or submitted in person to the Township office at 7490 Sideroad 7W, Kenilworth, Ontario, N0G 2E0.

Corey Schmidt, Manager, Environmental and Development Services

Township of Wellington North

cschmidt@wellington-north.com

Lindsay Scott, P.Eng., Consultant Project Manager

Triton Engineering Services Limited

lscott@tritoneng.on.ca

Turn page for additional space for comments.

Thank you for your input!

Comments submitted to the Project Team for the purpose of providing feedback regarding this Municipal Class Environmental Assessment are collected under the authority of the Environmental Assessment Act. Information will be collected in accordance with the Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments will become part of the public record. Questions relating to the collection, use and disclosure of this information may be addressed to the Township contact listed above.

Summary of Responses to Public Information Centre
 Arthur Water Supply and Storage
 Schedule 'B' Class EA
 Township of Wellington North

| Date of Response | Respondent | Respondent Details | Format of Response | Response Comments | Action Taken |
|------------------|---|---|--------------------|--|--|
| 12-Nov-24 | Township of Wellington North | Steve McCabe Ward 4 Councillor, ROMA Zone 2 Director Township of Wellington North 519-321-9352 smccabe@wellington-north.ca | Email | Acknowledged receipt of Notice of Public Information Centre and confirmed attendance. | Noted. |
| 12-Nov-24 | County of Wellington | Aldo L. Salis, MCIP RPP Director of Planning and Development County of Wellington 519-837-2600 ext. 2100 aldos@wellington.ca | Email | Acknowledged receipt of Notice of Public Information Centre and confirmed interest in the project as it progresses. | Noted. |
| 12-Nov-24 | Fisheries and Oceans Canada | Triage and Planning Fish and Fish Habitat Program Fisheries and Oceans Canada DFO.OPHabitat.MPO@dfo-mpo.gc.ca | Email | Acknowledged receipt of Notice of Public Information Centre and provided guidance to determine if DFO requires future notifications concerning the project. | Noted. |
| 12-Nov-24 | Mississaugas of the Credit First Nation | Gimaa R. Stacey Laforme Mississaugas of the Credit First Nation Stacey.Laforme@mncfn.ca | Email | Automatic Reply noting that the contact has retired and provided contact information for alternate contacts. | Noted, updated project contact list and emailed alternate contact. |
| 14-Nov-24 | Township of Wellington North | Penny Renken Councillor, Ward 1 Township of Wellington North 519-321-9217 prenken@wellington-north.ca | Email | Acknowledged receipt of Notice of Public Information Centre and confirmed that Source Water Protection would be attending to assist at the PIC. | Noted. |
| 14-Nov-24 | Wellington Source Water Protection | Kyle Davis Risk Management Official Wellington Source Water Protection 519-846-9691 ext. 362 kdavis@centrewellington.ca | Email | Acknowledged receipt of Notice of Public Information Centre. | Noted. |
| 15-Nov-24 | OMAFRA | Andrea Ruskova OMAFRA Andrea.Ruskova@ontario.ca | Email | Asked if this Class EA Project is related to a government funded project and whether Andrea is the correct recipient of the Notice of PIC. | Responded via email on Dec. 17, 2024 to confirm that the project is not government funded and that the notice was shared for OMAFRA awareness and invitation to participate. Andrea was circulated per the direction of Alan Crawley, OMAFRA. |
| 20-Dec-24 | SCS Consulting Group Ltd. on behalf of Tribute/Sorbara Arthur Holdings Inc. | Paige Turchet, P.Eng. SCS Consulting Group Ltd. 30 Centurian Drive, Suite 100 Markham, ON L3R 8B8 pturchet@scsconsultinggroup.com 905-475-1900 x 2243 Susan Zucchero Director, Land Development Tribute/Sorbara Arthur Holdings Inc. 1815 Ironstone Manor, Unit 1 Pickering, ON L1W 3W9 905-839-3500 | Letter via Email | <ul style="list-style-type: none"> - Requested confirmation of population density information used to evaluate the required capacity of the new well and storage facility. - Requested confirmation that a wellhead protection zone analysis will be completed to ensure no negative impacts on surround lands. - Offered the option to explore Tribute/Sorbara Arthur Holdings Inc. lands for siting of the new well and storage facility. | Provided responses to each question/comment in a letter delivered via email on May 15, 2025. The responses confirmed the population density information used, that final sizing details of the new well and water storage facility will be confirmed during detailed design, confirmed that a wellhead protection zone analysis will be completed and acknowledged offer from Tribute/Sorbara Arthur Holdings Inc. to explore their land for siting of the new municipal infrastructure. |

Summary of Responses to Public Information Centre
 Arthur Water Supply and Storage
 Schedule 'B' Class EA
 Township of Wellington North

| Date of Response | Respondent | Respondent Details | Format of Response | Response Comments | Action Taken |
|------------------|---|--|--------------------|---|---|
| 16-Jun-25 | SCS Consulting Group Ltd. on behalf of Tribute/Sorbara Arthur Holdings Inc. | <p>Paige Turchet, P.Eng. SCS Consulting Group Ltd. 30 Centurian Drive, Suite 100 Markham, ON L3R 8B8 pturchet@scsconsultinggroup.com 905-475-1900 x 2243</p> <p>Susan Zucchero Director, Land Development Tribute/Sorbara Arthur Holdings Inc. 1815 Ironstone Manor, Unit 1 Pickering, ON L1W 3W9 905-839-3500</p> | Letter via Email | <p>In to Letter dated May 14, 2025 from Triton Engineering Services Limited, and requests that the preliminary design of the water supply and storage facility be undertaken as part of the Class EA process, such that it includes a proposed development and assesses associated impacts instead of leaving this until the detailed design stage. The letter further requests that the size of the WHPA/WHPAA assessment area be adjusted to assess impacts on the surrounding lands.</p> | <p>Provided responses to each question/comment in a letter delivered via email on August 13, 2025. In general, the letter clarifies that the purpose of the Class EA is to identify and evaluate feasible solutions to address the need for water supply redundancy and additional water storage to support the expected population growth in the urban community of Arthur and that detailed design will be completed during the next phase of the project. Further, the letter clarifies that detailed design will be based on the updated existing population demands and forecasted local growth patterns, and projections ,consistent with applicable guidelines at the time of design and hydrogeological modelling will be completed at this time, as well as a public process to incorporate the new WHPAs into the Grand River Source Protection Plan.</p> |

Lindsay Scott

From: Steve McCabe <smccabe@wellington-north.ca>
Sent: Tuesday, November 12, 2024 3:33 PM
To: Shari Page
Subject: Re: NOTICE OF PUBLIC INFORMATION CENTRE, Schedule B, Municipal Class EA, Township of Wellington North, Arthur Water System Supply

Thank you for this, I will see you there Shari.



Steve McCabe
Ward 4 Councillor | ROMA Zone 2 Director
Township of Wellington North
519.321.9352 | 7490 Sideroad 7 W, PO Box 125 Kenilworth ON N0G 2E0

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From: Shari Page <spage@tritoneng.on.ca>
Sent: Tuesday, November 12, 2024 12:28 PM
To: Steve McCabe <smccabe@wellington-north.ca>
Subject: NOTICE OF PUBLIC INFORMATION CENTRE, Schedule B, Municipal Class EA, Township of Wellington North, Arthur Water System Supply

Good afternoon,

On behalf of the Township of Wellington North, please find attached, *Notice of Public Information Centre, Schedule 'B', Municipal Class Environmental Assessment (Class EA) for the Arthur Water System Supply Redundancy and Storage, Arthur, Ontario*.

This Notice will appear in two consecutive editions of The Wellington Advertiser to be issued November 14th and 21st.

Should you have any questions, concerns or require further clarification, please refer to the attached notice for the appropriate contacts and information.

Kind regards,
Shari



Shari Page

Triton Engineering Services Limited
105 Queen Street West, Unit 14
Fergus, ON N1M 1S6
(519) 843-3920 Ext. 220 • www.tritoneng.on.ca

This email message and any files transmitted with it are proprietary and confidential information of the sender and are intended only for the person(s) to whom this email is addressed. If you have received this email message in error, please notify the sender immediately by telephone or email and destroy the original message without making a copy.

From: Shari Page

Sent: Thursday, July 13, 2023 9:39 AM

To: smccabe@wellington-north.ca

Subject: NOTICE OF COMMENCEMENT, Schedule B, Municipal Class EA, Township of Wellington North, Arthur Water System Supply

Good morning,

On behalf of the Township of Wellington North, please find attached, *Notice of Commencement, Schedule 'B', Municipal Class Environmental Assessment (Class EA) for the Arthur Water System Supply Redundancy and Storage, Arthur, Ontario*.

This Notice will publicly appear in the next two (2) consecutive editions of *The Wellington Advertiser*, July 13th and July 20th, 2023.

Should you have any questions or require further clarification to the attached, please do not hesitate to contact our Project Team.

Kind regards,
Shari

Shari Page



Triton Engineering Services Limited
105 Queen Street West, Unit 14, Fergus, ON N1M 1S6
(519) 843-3920 Ext 220 || www.tritoneng.on.ca

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Thank you!

Lindsay Scott

From: Aldo Salis <aldos@wellington.ca>
Sent: Tuesday, November 12, 2024 1:52 PM
To: Shari Page
Cc: Curtis Marshall; Sarah Wilhelm; Kyle Davis (kdavis@centrewellington.ca)
Subject: RE: NOTICE OF PUBLIC INFORMATION CENTRE, Schedule B, Municipal Class EA, Township of Wellington North, Arthur Water System Supply
Attachments: (T4003A) NOTICE OF PIC - Arthur Water System Supply (County, A.Salis).pdf

Hi Shari,

Please accept this response as confirmation of receipt of the notice.

This office is interested in the outcome of this project and would appreciate updates as information becomes available for public circulation.

Your truly,

Aldo L. Salis, MCIP RPP
Director of Planning and Development
County of Wellington
74 Woolwich Street
Guelph, ON N1H 3T9
519.837.2600 x 2100
www.wellington.ca

From: Shari Page <spage@tritoneng.on.ca>
Sent: Tuesday, November 12, 2024 12:25 PM
To: Aldo Salis <aldos@wellington.ca>
Subject: NOTICE OF PUBLIC INFORMATION CENTRE, Schedule B, Municipal Class EA, Township of Wellington North, Arthur Water System Supply

CAUTION: This email originated from outside the organization. Do not click links or open attachments unless you know the contents to be safe.

Good afternoon,

On behalf of the Township of Wellington North, please find attached, *Notice of Public Information Centre, Schedule 'B', Municipal Class Environmental Assessment (Class EA) for the Arthur Water System Supply Redundancy and Storage*, Arthur, Ontario.

This Notice will appear in two consecutive editions of The Wellington Advertiser to be issued November 14th and 21st.

Should you have any questions, concerns or require further clarification, please refer to the attached notice for the appropriate contacts and information.

Kind regards,
Shari



Shari Page

Triton Engineering Services Limited
105 Queen Street West, Unit 14
Fergus, ON N1M 1S6
(519) 843-3920 Ext. 220 • www.tritoneng.on.ca

Celebrating 60 Years in 2024

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From: Shari Page
Sent: Thursday, July 13, 2023 9:35 AM
To: Aldo Salis <aldos@wellington.ca>
Subject: NOTICE OF COMMENCEMENT, Schedule B, Municipal Class EA, Township of Wellington North, Arthur Water System Supply

Good morning,

On behalf of the Township of Wellington North, please find attached, *Notice of Commencement, Schedule 'B', Municipal Class Environmental Assessment (Class EA) for the Arthur Water System Supply Redundancy and Storage*, Arthur, Ontario.

This Notice will publicly appear in the next two (2) consecutive editions of *The Wellington Advertiser*, July 13th and July 20th, 2023.

Should you have any questions or require further clarification to the attached, please do not hesitate to contact our Project Team.

Kind regards,
Shari

Shari Page



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you have received this communication in error, please notify the sender and erase this e-mail message immediately.”

Lindsay Scott

From: OP Habitat (DFO/MPO) <DFO.OPHabitat.MPO@dfo-mpo.gc.ca>
Sent: Tuesday, November 12, 2024 1:27 PM
To: Shari Page
Subject: RE: NOTICE OF PUBLIC INFORMATION CENTRE, Schedule B, Municipal Class EA, Township of Wellington North, Arthur Water System Supply

Hello Shari,

Thank you for the notification of meeting regarding the Class EA. The Department reviews projects (works, undertakings, or activities) being conducted in or near waterbodies that support fish. We also review project proposals for impacts to Species at Risk. We do not review notifications for administrative processes. Please visit our website at: <https://www.dfo-mpo.gc.ca/pnwepp/index-eng.html> to determine whether your project requires a review by the Department. If you determine that your project needs a review please complete and submit a Request for Review Form to: FisheriesProtection@dfo-mpo.gc.ca. If you have any questions feel free to contact us at: 1-855-852-8320.

Yours sincerely,

Triage and Planning

Fish and Fish Habitat Protection Program
Fisheries and Oceans Canada

From: Shari Page <spage@tritoneng.on.ca>
Sent: Tuesday, November 12, 2024 12:21 PM
To: OP Habitat (DFO/MPO) <DFO.OPHabitat.MPO@dfo-mpo.gc.ca>
Cc: Info / Info (DFO/MPO) <DFO.Info-Info.MPO@dfo-mpo.gc.ca>
Subject: NOTICE OF PUBLIC INFORMATION CENTRE, Schedule B, Municipal Class EA, Township of Wellington North, Arthur Water System Supply

Good afternoon,

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Kind regards,
Shari



Shari Page

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From: Shari Page

Sent: Thursday, July 13, 2023 9:30 AM

To: FPP.CA / PPP.CA (DFO/MPO) <fisheriesprotection@dfo-mpo.gc.ca>

Cc: info@dfo-mpo.gc.ca

Subject: NOTICE OF COMMENCEMENT, Schedule B, Municipal Class EA, Township of Wellington North, Arthur Water System Supply

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Kind regards,
Shari

Shari Page



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Thank you!

Lindsay Scott

From: R Stacey Laforme <Stacey.Laforme@mncfn.ca>
Sent: Tuesday, November 12, 2024 12:04 PM
To: Shari Page
Subject: Automatic reply: NOTICE OF PUBLIC INFORMATION CENTRE, Schedule B, Municipal Class EA, Township of Wellington North, Arthur Water System Supply

Miigwech for your email. Please note, that I have now retired as Gimaa of the Mississaugas of the Credit First Nation and this email will no longer be monitored.

Please reach out to Ogimaa-Kwe Claire Sault, at claires@mncfn.ca or via her cell, 905-869-5767.

Alternatively, you can connect with our Council Coordinator, Julia Johnson at julia.johnson@mncfn.ca and she will be able to direct your email to the appropriate person.

Miigwech,
Gimaa R. Stacey Laforme

Lindsay Scott

From: Penny Renken <prenken@wellington-north.ca>
Sent: Thursday, November 14, 2024 8:00 PM
To: Shari Page
Subject: RE: NOTICE OF PUBLIC INFORMATION CENTRE, Schedule B, Municipal Class EA, Township of Wellington North, Arthur Water System Supply

Thank you Shari



Penny Renken
Councillor, Ward 1
Township of Wellington North
519.321.9217 | 7490 Sideroad 7 W, PO Box 125 Kenilworth ON N0G 2E0
Stronger together since 1999

This email and any attached files are privileged and may contain confidential information intended only for the person or persons named above. Any other distribution, reproduction, copying, disclosure, or other dissemination is strictly prohibited. If you have received this email in error, please notify the sender immediately by reply email and delete the transmission received by you.

From: Shari Page <spage@tritoneng.on.ca>
Sent: November 12, 2024 12:29 PM
To: Penny Renken <prenken@wellington-north.ca>
Subject: NOTICE OF PUBLIC INFORMATION CENTRE, Schedule B, Municipal Class EA, Township of Wellington North, Arthur Water System Supply

Good afternoon,

On behalf of the Township of Wellington North, please find attached, *Notice of Public Information Centre, Schedule 'B', Municipal Class Environmental Assessment (Class EA) for the Arthur Water System Supply Redundancy and Storage*, Arthur, Ontario.

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Kind regards,
Shari



Shari Page
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Fergus, ON N1M 1S6
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From: Shari Page

Sent: Thursday, July 13, 2023 9:39 AM

To: prenken@wellington-north.ca

Subject: NOTICE OF COMMENCEMENT, Schedule B, Municipal Class EA, Township of Wellington North, Arthur Water System Supply

Good morning,

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Kind regards,
Shari

Shari Page



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Thank you!

Lindsay Scott

From: Kyle Davis <KDavis@centrewellington.ca>
Sent: Thursday, November 14, 2024 6:09 PM
To: Aldo Salis; Shari Page
Cc: Curtis Marshall; Sarah Wilhelm; Danielle Fisher
Subject: Re: NOTICE OF PUBLIC INFORMATION CENTRE, Schedule B, Municipal Class EA, Township of Wellington North, Arthur Water System Supply

Thank you Shari and Aldo.

We appreciate the notice as well and just want to confirm that Danielle from Source protection will be attending the PIC to help answer questions as required.

Get [Outlook for iOS](#)

From: Aldo Salis <aldos@wellington.ca>
Sent: Tuesday, November 12, 2024 1:52:21 PM
To: Shari Page <spage@tritoneng.on.ca>
Cc: Curtis Marshall <curtism@wellington.ca>; Sarah Wilhelm <sarahw@wellington.ca>; Kyle Davis <KDavis@centrewellington.ca>
Subject: RE: NOTICE OF PUBLIC INFORMATION CENTRE, Schedule B, Municipal Class EA, Township of Wellington North, Arthur Water System Supply

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Shari,

Please accept this response as confirmation of receipt of the notice.

This office is interested in the outcome of this project and would appreciate updates as information becomes available for public circulation.

Your truly,

Aldo L. Salis, MCIP RPP
Director of Planning and Development
County of Wellington
74 Woolwich Street
Guelph, ON N1H 3T9
519.837.2600 x 2100
www.wellington.ca

From: Shari Page <spage@tritoneng.on.ca>
Sent: Tuesday, November 12, 2024 12:25 PM
To: Aldo Salis <aldos@wellington.ca>
Subject: NOTICE OF PUBLIC INFORMATION CENTRE, Schedule B, Municipal Class EA, Township of Wellington North, Arthur Water System Supply

CAUTION: This email originated from outside the organization. Do not click links or open attachments unless you know the contents to be safe.

Good afternoon,

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Kind regards,
Shari



Shari Page

Triton Engineering Services Limited
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Fergus, ON N1M 1S6
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Celebrating 60 Years in 2024

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From: Shari Page
Sent: Thursday, July 13, 2023 9:35 AM
To: Aldo Salis <aldos@wellington.ca>
Subject: NOTICE OF COMMENCEMENT, Schedule B, Municipal Class EA, Township of Wellington North, Arthur Water System Supply

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Should you have any questions or require further clarification to the attached, please do not hesitate to contact our Project Team.

Kind regards,
Shari

Shari Page



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Lindsay Scott

From: Shari Page
Sent: Tuesday, December 17, 2024 10:34 AM
To: Ruskova, Andrea (OMAFA)
Subject: RE: NOTICE OF PUBLIC INFORMATION CENTRE, Schedule B, Municipal Class EA, Township of Wellington North, Arthur Water System Supply
Attachments: (T4003A) NOTICE OF PIC - Arthur Water System Supply (OMAFRA Guelph).pdf

Good morning Andrea,

My apologies for the late response.

Thank you for your question dated November 15th. This is not a government funded project. We are just sharing it for your awareness and an invitation to participate in the project if you wish.

As noted in the attached Notice, please do not hesitate to reach out to the following members of the Project Team:

Corey Schmidt, Manager, Environmental and Development Services Township of Wellington North 7490 Sideroad 7W, PO Box 125 Kenilworth, ON N0G 2E0

519-848-3620 Ext. 4627 cschmidt@wellington-north.com

Lindsay Scott, P.Eng., Consultant Project Manager Triton Engineering Services Limited 105 Queen St W, Unit 14 Fergus, ON N1M 1S6

519-843-3920 Ext. 251 lscott@tritoneng.on.ca

Wishing you and yours a wonderful Christmas season and all the best for 2025.

Warmest regards,
Shari



Shari Page

Triton Engineering Services Limited
105 Queen Street West, Unit 14
Fergus, ON N1M 1S6
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Celebrating 60 Years in 2024

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From: Ruskova, Andrea (OMAFA) <Andrea.Ruskova@ontario.ca>

Sent: Friday, November 15, 2024 1:33 PM

To: Shari Page <spage@tritoneng.on.ca>

Subject: FW: NOTICE OF PUBLIC INFORMATION CENTRE, Schedule B, Municipal Class EA, Township of Wellington North, Arthur Water System Supply

Thank you Shari.

I am not sure I am the right recipient of this. Is this related to a government funded project?

Andrea

From: Shari Page <spage@tritoneng.on.ca>

Sent: Friday, November 15, 2024 10:34 AM

To: Ruskova, Andrea (OMAFA) <Andrea.Ruskova@ontario.ca>

Cc: Crawley, Alan (OMAFA) <alan.crawley@ontario.ca>

Subject: FW: NOTICE OF PUBLIC INFORMATION CENTRE, Schedule B, Municipal Class EA, Township of Wellington North, Arthur Water System Supply

CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.

Good morning Andrea,

I am forwarding this message to you as per the direction of Alan Crawley.

Thank you,
Shari



Shari Page

Triton Engineering Services Limited

105 Queen Street West, Unit 14

Fergus, ON N1M 1S6

(519) 843-3920 Ext. 220 • www.tritoneng.on.ca

Celebrating 60 Years in 2024

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From: Shari Page

Sent: Tuesday, November 12, 2024 12:18 PM

To: alan.crawley@ontario.ca

Subject: NOTICE OF PUBLIC INFORMATION CENTRE, Schedule B, Municipal Class EA, Township of Wellington North, Arthur Water System Supply

Good afternoon,

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Kind regards,
Shari



Shari Page

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Celebrating 60 Years in 2024

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From: Shari Page
Sent: Thursday, July 13, 2023 9:34 AM
To: barry.walker@ontario.ca
Subject: NOTICE OF COMMENCEMENT, Schedule B, Municipal Class EA, Township of Wellington North, Arthur Water System Supply

Good morning,

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Kind regards,
Shari

Shari Page



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Thank you!

SENT VIA EMAIL

Corey Schmidt cschmidt@wellington-north.com

Lindsay Scott lscott@tritoneng.on.ca

December 20, 2024

Mr. Corey Schmidt

Township of Wellington North
7490 Sideroad 7 W, PO Box 125
Kenilworth, ON, N0G 2E0

Ms. Lindsay Scott

Triton Engineering Services Limited
105 Queen Street W, Unit 14
Fergus, ON, N1M 1S6

Subject: **Tribute/Sorbara Arthur Holdings Inc. Formal Comments
Schedule B, Municipal Class EA for the Arthur System Supply and Storage, Arthur, ON**

Thank you for the opportunity to provide comments on the Arthur Water System Supply Redundancy & Storage Schedule B Municipal class Environmental Assessment Public Information Centre. We have participated and reviewed the presentation and provide the following comments and questions:

1. Population Densities

- a. Please confirm the assumed population density and land use used for the Tribute lands in the Community of Arthur, located east and west of Eliza Street north of MacCauley Street, when determining the capacity of the new well and requirements of the elevated tank.
- b. Based on our preliminary calculations, the elevated tank does not provide sufficient storage for the Tribute lands in the Community of Arthur. Please confirm that with an assumed unit count of approximately _____ persons (_____) for the Tribute lands in the Community of Arthur, that the elevated tank will be sufficiently sized. If the elevated tank does not provide sufficient storage, please confirm that the elevated tank will be upsized at the next stage of design to accommodate the additional population for the Tribute lands in the Community of Arthur.

2. Please confirm that a wellhead protection zone analysis will be completed when determining the location of the new well to ensure no negative impacts to the well and surrounding lands.

.../2

3. As outlined within the Arthur PIC presentation, the new well location will be confirmed at the next stage, however will be located in the vicinity of Wells Street and MacCaulay Street, as the test well was drilled within the MacCaulay Street right-of-way. Tribute/Sorbara Arthur Holdings Inc. would be amenable to exploring the option of location the municipal infrastructure for the new well, well pump house and elevated tank on their lands.

Thank you in advance for reviewing our comments. We look forward to ongoing dialogue with the Township of Wellington North.

Your truly,

TRIBUTE/SORBARA ARTHUR HOLDINGS INC.



Susan Zucchero
Director, Land Development



May 14, 2025 (sent via email)

Susan Zucchero
Director, Land Development
Tribute/Sorbara Arthur Holdings Inc.
1815 Ironstone Manor, Unit1
Pickering, ONTARIO L1W 3W9

RE: Schedule B, Municipal Class EA
for the Arthur Water System Supply and Storage
OUR FILE: T4003A

Dear Susan,

On behalf of the Township of Wellington North (Township), Triton Engineering Services Limited (Triton) would like to thank you for your feedback and comments in your letter dated December 20, 2024 regarding the information presented in the Public Information Centre presentation materials for the project. The following responses are provided to address your comments and questions:

Comment/Question 1a:

Please confirm the assumed population density and land use used for the Tribute lands in the Community of Arthur, located east and west of Eliza Street north of MacCauley Street, when determining the capacity of the new well and requirements of the elevated tank.

Response:

The Class EA study does not consider population density and land use of specific future development areas. Consistent with the County Official Plan (last updated July 2024), residential intensification should occur at a rate of at least 20 percent annually, within the existing built-up area; designated greenfield areas should be developed to achieve a minimum density of at least 40 residents and jobs per hectare; and at least 25 percent of new housing within Wellington County should be affordable to low and moderate income households. “The target is intended to focus growth and development within the existing built-up area of the urban centres, and to ensure outward growth in greenfields is compact”, which can be achieved through infilling and development of existing vacant land in the built-up area, building expansions or conversion, or redevelopment.

Per the Phase 1 MCR Report: Urban Structure and Growth Allocations, County of Wellington, Final Report (MCR Report, dated June 16, 2021 and as amended January 31, 2022) by Watson & Associates Economists Ltd., the Township is anticipated to accommodate 12% of the County’s population growth over the forecast period, with an annual population growth rate of 1.5%, which is significantly higher than the observed growth rate of 0.3% annually over the last 20-year census period.

These growth projections are to be used in planning for growth and growth related facilities. A summary of the population and household growth anticipated for Arthur over the forecast period, consistent with the Phase 1 MCR Report is presented in the table below.

Summary of Population and Household Growth Anticipated for Arthur, per Phase 1 MCR Report

| Year | Population | Households | | | | Persons Per Unit |
|------|------------|-------------|----------------|--------------|-------|------------------|
| | | Low Density | Medium Density | High Density | Total | |
| 2021 | 2,700 | 750 | 120 | 170 | 1,040 | 2.50 |
| 2026 | 3,500 | 940 | 140 | 240 | 1,320 | 2.58 |
| 2031 | 3,900 | 1,060 | 170 | 260 | 1,490 | 2.55 |
| 2036 | 4,200 | 1,110 | 200 | 280 | 1,590 | 2.58 |
| 2041 | 4,400 | 1,140 | 200 | 310 | 1,650 | 2.55 |
| 2046 | 4,700 | 1,200 | 240 | 330 | 1,770 | 2.54 |
| 2051 | 4,800 | 1,240 | 250 | 340 | 1,830 | 2.57 |

It should be noted that the Township of Wellington North Growth Management Action Plan, dated August 16, 2024 prepared by Watson & Associates Economists Ltd. and WSP also provides a summary of the population, housing and employment forecasts from the County's MCR (2022), for which the projected population for Arthur is the same as was presented in the County's MCR (2022); however, the total household value and population density changed/updated, as summarized below.

| Year | Population | Households | | | | | Persons Per Unit |
|------|------------|-------------|----------------|--------------|-------|-------|------------------|
| | | Low Density | Medium Density | High Density | Other | Total | |
| 2026 | 3,500 | 940 | 140 | 240 | 10 | 1,330 | 2.63 |
| 2031 | 3,900 | 1,060 | 170 | 260 | 10 | 1,500 | 2.60 |
| 2036 | 4,200 | 1,110 | 200 | 280 | 10 | 1,600 | 2.63 |
| 2041 | 4,400 | 1,140 | 200 | 310 | 10 | 1,660 | 2.65 |
| 2046 | 4,700 | 1,200 | 240 | 330 | 10 | 1,780 | 2.64 |
| 2051 | 4,800 | 1,240 | 250 | 340 | 10 | 1,840 | 2.61 |

Although the projected persons per residential unit presented in the Growth Management Action Plan (2024) differ from the MCR, the total population is consistent, and does not impact the calculated theoretical total system MDD.

The final sizing of the storage facility will be confirmed during the detailed design phase. The Township will continue to monitor the existing water demand and compare this to existing system capacity and potential future growth requirements, accomplished through the preparation of an annual water supply Reserve Capacity Calculation, to ensure the new water supply and storage facility are adequate to meet growth targets in the Growth Management Strategy for the Township (specifically Arthur). Additionally, the Township is in the process of preparing a Technical Update to of the Arthur Water and Sanitary Systems, which will be used during the detailed design phase of the project to confirm the sizing/capacity of the proposed water storage facility.

Comment/Question 1b:

Based on preliminary calculations, the elevated tank does not provide sufficient storage for the Tribute lands in the Community of Arthur. Please confirm that with an assumed unit count of approximately 2,550 persons (850 residential units x 3 persons/unit) for the Tribute lands in the Community of Arthur,

that the elevated tank will be sufficiently sized. If the elevated tank does not provide sufficient storage, please confirm that the elevated tank will be upsized at the next stage of design to accommodate the additional population for the Tribute lands in the Community of Arthur.

Response:

Please refer to Response to Comment/Question 1a.

Comment/Question 2:

Please confirm that a wellhead protection area zone analysis will be completed when determining the location of the new well to ensure not negative impacts to the well and surrounding lands.

Response:

Source protection implementation requirements are a combination of Source Protection Plan policies and the Clean Water Act and its associated regulations. The applicable Source Protection Plan for TW1-21 is the Grand River Source Protection Plan.

Pursuant to the *Safe Drinking Water Act* and *Clean Water Act*, any new municipal well is required to have wellhead protection areas established and approved prior to water being distributed. The wellhead protection areas (WHPA) include a WHPA-A (100-metre radius around the well), WHPA-B (two year time of travel), WHPA-C five year time of travel and WHPA-D (25 year time of travel) at a minimum. Other WHPAs may apply if a well is designated groundwater under the direct influence of surface area. Hydrogeological modelling is required to delineate WHPA-B through D, which will be completed during the detailed design phase of the project, as well as the assessment of vulnerability of the aquifer and other reference layers including managed lands, livestock density and the Intrinsic Susceptibility Index (ISI) vulnerability scoring. A preliminary assessment of Source Protection Implementation Requirements for TW1-21 is attached to this letter and will be included in the Project File Report for the Study.

Following the technical work, there will be a public process to incorporate the new WHPAs into the Grand River Source Protection Plan. Based on the preliminary assessment of source protection requirements, existing properties may be subject to a number of requirements including septic inspections, manure application prohibitions, risk management plans for a number of agricultural activities and for chemical (DNAPL) handling/storage and education requirements.

Comment/Question 3:

As outlined within the Arthur PIC presentation, the new well location will be confirmed at the next stage, however will be located in the vicinity of Wells Street and MacCauley Street, as the test well was drilled within the MacCaulay Street right-of-way. Tribute/Sorbara Arthur Holdings Inc. would be amenable to exploring the option of locating the municipal infrastructure for the new well, well pump house and elevated tank on their lands.

Response:

Additional exploration near the TW1-21 site, on adjacent private property, will occur following completion of the Class EA study and will include discussions with adjacent land owners, as needed, prior to exploration.

Should you require any additional information, please do not hesitate to contact the undersigned.

Yours very truly,

TRITON ENGINEERING SERVICES LIMITED

A handwritten signature in blue ink, appearing to read "Lindsay Scott".

Lindsay Scott, P. Eng.

cc: Corey Schmidt, Manager of Environmental and Development Services, Township of Wellington North
Brooke Lambert, CAO, Township of Wellington North
Emily Vandermeulen, Risk Management Inspector, Wellington Source Water Protection



December 17, 2024

Memorandum

To: Lindsay Scott, P. Eng., Triton Engineering

C.C. Corey Schmidt, Manager, Environmental and Development Services, Township of Wellington North

From: Emily Vandermeulen, Risk Management Inspector, Township of Wellington North

Reviewed: Kyle Davis, Risk Management Official, Township of Wellington North

Subject: Preliminary Assessment of Source Protection Implementation Requirements for a Potential New Well Site, Arthur Water Supply Class Environmental Assessment

As requested, this memorandum evaluates the potential source protection implementation requirements for a test well installed as part of the Township of Wellington North's Arthur Water Supply Class Environmental Assessment. The test well is identified as:

- TW1-21, located at the southeast corner of unopened road Wells Street in the Village of Arthur

This memorandum also provides a high-level review of the other sites evaluated as part of the Class Environmental Assessment, specifically potential to increase capacity at existing municipal well sites (Pumphouses 7 and 8). This review is provided in the results section.

Source protection implementation requirements are a combination of Source Protection Plan policies and the *Clean Water Act* and its associated regulations. The applicable Source Protection Plan, for all well locations discussed in this memorandum, is the Grand River Source Protection Plan.

Any new municipal well is required to have wellhead protection areas established and approved prior to water being distributed to residents. This requirement is pursuant to the *Safe Drinking Water Act* and the *Clean Water Act*. The wellhead protection areas (WHPA) include a WHPA-A (100 metre radius), WHPA-B (2-year time-of-travel), WHPA-C (5-year time-of-travel) and WHPA-D (25-year time-of-travel) at a minimum. Other WHPAs may apply if a well is designated groundwater under the direct influence of surface water. To delineate the WHPAs B through D, hydrogeological modelling is required to be completed by the municipality. This modelling is not part of the current Class Environmental Assessment (Class EA) process and would need to take place during the detailed design phase of the project. The modelling to delineate WHPAs plus the assessment of vulnerability of the aquifer is required to be completed and approved prior to



distribution of water to residents and includes the issuance of a notice by the applicable Source Protection Authority, in this case the Grand River Source Protection Authority. Recommendations related to the required notice and associated public process are outlined in Next Steps/Recommendations section of this memorandum.

In addition to WHPA delineation, a number of underlying reference layers will need to be updated in the Grand River Assessment Report. These layers included managed lands, livestock density, impervious surface, and the Intrinsic Susceptibility Index (ISI) vulnerability scoring. The typical methodology is to update those layers based on the area of the WHPA delineations as it provides a more localized grid to calculate managed lands percentages, livestock densities, and impervious surfaces. Similarly, the ISI vulnerability scoring is a regional layer and typically the vulnerability scoring will be updated within WHPAs and near wells to provide more up to date scoring. These updates will need to be completed during the detailed design phase in conjunction with the WHPA delineations.

Methodology

This assessment of source protection implementation requirements was based on mapping published in the approved Grand River Assessment Report and the policies in the approved Grand River Source Protection Plan. The assessment also used information in the Triton Engineering report titled Township Of Wellington North Arthur Water System Supply Redundancy And Storage Class EA Project File Report – Draft (June 2024).

Results of the assessment are provided in the next section. As shown on Figures 1 through 5, an approximately 100 metre radius (200 metre diameter) circle was placed approximately at the test well location to illustrate the number of properties that may be affected by the WHPA-A. The location of the WHPA-A and the exact properties affected will need to be confirmed in the detailed design phase of the project. For this memorandum, the regional scale managed lands, livestock density and ISI vulnerability layers that were approved in the Grand River Assessment Report were used and were not updated. Some of these layers were accessed from the provincial online Source Protection Information Atlas, while others were accessed from Grand River Assessment Report or the Triton report. Certain assumptions were made based on the regional mapping, in particular the scoring on the regional ISI mapping was converted as follows: WHPA-A (score = 10), WHPA B (high = 10, medium = 8, low = 6) and WHPA C (high = 8, medium = 6, low = 4). Similarly, the regional mapping layers for managed lands and livestock density were interpreted and test well specific comments provided. This analysis was completed for all the test well sites identified in the Class Environmental Assessment, although mapping is only provided in this memorandum for wells TW1-21, Well 7B and Wells 8A/B.



Results

The following section provides results applicable to all above referenced well sites and specific recommendations related to test well TW1-21 and increasing capacity at existing municipal well sites.

Comments: TW1-21 Test Site (Wells Street)

1. Based on the test well location and the current orientation of the approved WHPAs 7B and 8 A/B, it is assumed that the well site TW1-21 WHPAs would run generally to the northeast and a short distance to the southwest of the test well location. Based on this orientation, the properties impacted by the new WHPAs would be mostly agricultural and/or rural residential. As shown in Figure 1, the WHPA for this site may overlap with the current 7B WHPA, however, likely only with the WHPA-D (25-year time-of-travel) for 7B. Based on the test well location and the current orientation of the approved WHPAs, it appears unlikely that the new WHPAs will overlap within the Arthur industrial area. Based on the regional vulnerability mapping (Figure 3), it is likely that the vulnerability outside of the WHPA-A would remain low, giving the WHPA-B, WHPA-C, and WHPA-D scores of 6, 4, and 2 respectively.
2. As shown on Figures 1 and 2, an approximately 100 metre radius (200 metre diameter) circle was placed approximately at the test well location to illustrate the number of properties captured within the 100 metre radius. There are currently no existing residential properties within 100 metres of the test well (WHPA-A). Any new residential lots created will require a septic system inspection if any part of their septic system is within the 100-metre setback. This is probably the one item where land acquisition, design of the well site and/or location of the well could make the biggest difference to requirements on adjoining property owners.
3. Manure application will be prohibited within 100 metres of the proposed municipal well (WHPA-A) as outlined in Grand River Source Protection Plan policy WC-CW-4.1. This would apply to three parcels.
4. Based on the current standby generators that the Township uses at its existing wells, it anticipated that the proposed generators would be classified as significant drinking water threats as the total fuel capacity would be above 250 litres above grade. Since the generators are part of the drinking water system, spill containment and risk management measures would be contained in the Township's drinking water licence to address this risk.
5. Agricultural policies for significant drinking water threats only apply within a score 10 vulnerability. Current managed lands for 7B is generally low to moderate (< 80%) and 8 A/B is moderate to high (> 40%), and given the land use, the managed lands calculations for TW1-21 would be in the moderate to high range. Current livestock density for 7B is generally low



to moderate (< 1 nutrient unit/acre) and 8 A/B is moderate to high (> 0.5 nutrient unit/acre), and given the land use, the livestock density calculations for TW1-21 would be in the moderate to high range. If managed lands percentages or livestock densities are calculated to > 80% and > 1 nutrient unit/acre, respectively, then commercial fertilizer and manure application and storage would be considered significant drinking water threats in score of 10 and prohibited in the WHPA-A (100 metres from the well). Livestock grazing and pesticides application and storage would be handled through risk management plans for existing activities.

6. If score 10 areas were present in the WHPA-B, then risk management plans would apply for commercial fertilizer, manure and pesticides application and storage. Livestock grazing, pasturing and outdoor confinement yards would also require risk management plans in the score 10.
7. Areas that have a score of 10, where impervious surfaces exceed 30%, winter maintenance activities would be significant drinking water threats. Given the land use in the area, winter maintenance activity threats would be unlikely.
8. In the remaining WHPAs and vulnerability scores (WHPA-B and C, scores 2 through 8) only the handling and storage of dense non-aqueous phase liquids (DNAPLs) would be regulated. Due to the likely agricultural and rural land uses of where the WHPAs would be located, it is anticipated that the majority of the DNAPL requirements would be handled through the existing Wellington Source Water Protection education and outreach program. It is possible that a small number of properties may be identified as requiring DNAPL risk management plans. Typically, this would be related to an automotive repair or manufacturing use. Education programs relevant to other activities will also be applicable to existing properties.

Comments: Increasing Capacity at Pumphouses 7 and 8

9. Well 7B is currently pumping at less than half its available drawdown. Pumping more capacity at this well would likely increase the size of the WHPA, but would not change the orientation of the WHPA, or increase the vulnerability. The WHPA-A would not change, and due to the low to moderate vulnerability scoring (Figures 3 and 4), it would likely only result in a small number of properties that may potentially have DNAPL threats. However, with the increased capacity, whether due to pumping from 7A or increasing pumping from 7B, a new well (7C) would have to be drilled as back up. This well would likely increase the area of the WHPA-A but would be unlikely to impact any new properties.
10. Wells 8A/B could be pump concurrently to increase capacity. Pumping more capacity at this well would likely increase the size of the WHPA, but would not change the orientation of the WHPA, or increase the vulnerability. The WHPA-A would not change, and due to the low to moderate vulnerability scoring (Figures 3 and 5), it would likely only result in a small number



of properties that may potentially have DNAPL threats. However, due to increased levels of manganese in the water at this location, expensive treatment may be required. Should the Township choose to drill these wells deeper to avoid the manganese, the size and orientation of the WHPA could change drastically, affecting many properties both within the urban boundary and in the rural areas surrounding Arthur.

Summary

Prior to distribution of water to residents from new municipal wells, the *Clean Water Act* and *Safe Drinking Water Act* require that new or changing municipal drinking water systems are included in a Source Protection Plan before water may be provided to the public. Further work will be required during the detailed design phase to delineate wellhead protection areas and to update vulnerability scoring and other reference layers. Following the technical work, there will be a public process to incorporate the new WHPAs into the Grand River Source Protection Plan.

Based on the preliminary assessment of source protection requirements, existing properties may be subject to a number of requirements including septic inspections, manure application prohibitions, risk management plans for a number of agricultural activities and for chemical (DNAPL) handling/storage and education requirements.

Next Steps/Recommendations

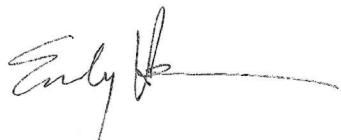
1. Further work will be required to determine the ISI vulnerability scoring, the WHPA boundaries, the managed lands/livestock densities/impervious surfaces, and other reference layers. It is anticipated that this work would be completed during the detailed design phase of the project and funded by the municipality. The WHPA delineation and vulnerability assessment will need to be completed by a licenced professional engineer or geoscientist. The updates to the managed lands, livestock densities, impervious surfaces, and other reference layers can be updated through a GIS analysis exercise and in conjunction with staff from the Grand River Source Protection Region and Grand River Source Protection Authority
2. Once the WHPAs have been delineated, an enumeration of the threat activities on the properties within the new WHPAs will have to be completed. This work will update the results/comments 1 through 10 provided above and would be completed by Township Risk Management staff (Wellington Source Water Protection) and included in the updated Assessment Report sections drafted by the Grand River Source Protection Authority.
3. Prior to the detailed design phase beginning, a meeting or teleconference should be arranged with staff from the Grand River Source Protection Region and Grand River Source Protection Authority to discuss the project and to ensure the work in recommendations 1 and 2 will fulfill the requirements pursuant to the *Safe Drinking Water Act* and *Clean Water Act*. Based on experience with other studies, it is anticipated that, a minimum of 12-18



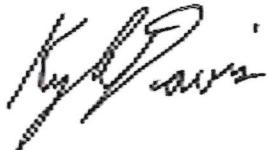
months will be needed after completion of the technical work outlined above to obtain the necessary notices and updates to the Assessment Report and Source Protection Plan, including public consultation and Provincial approval. Attached is a fact sheet from the Province outlining the update process, please note that this project will be considered a Section 34 amendment.

4. Consideration should be given to requesting records from the Ontario Ministry of the Environment, Conservation and Parks (MECP) through a Freedom of Information process regarding historical and current activities and approvals in the vicinity of the test well. It is recommended that this request is not filed with the MECP until after the WHPAs have been delineated. This information would form part of the record used by Wellington Source Water Protection for the threat enumeration. This work can be completed by Township Risk Management staff (Wellington Source Water Protection).

If you require further information, please contact.



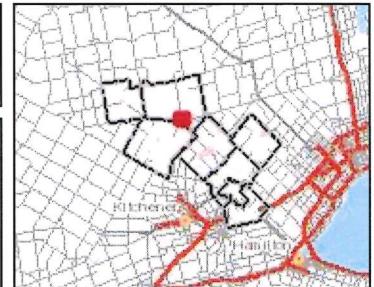
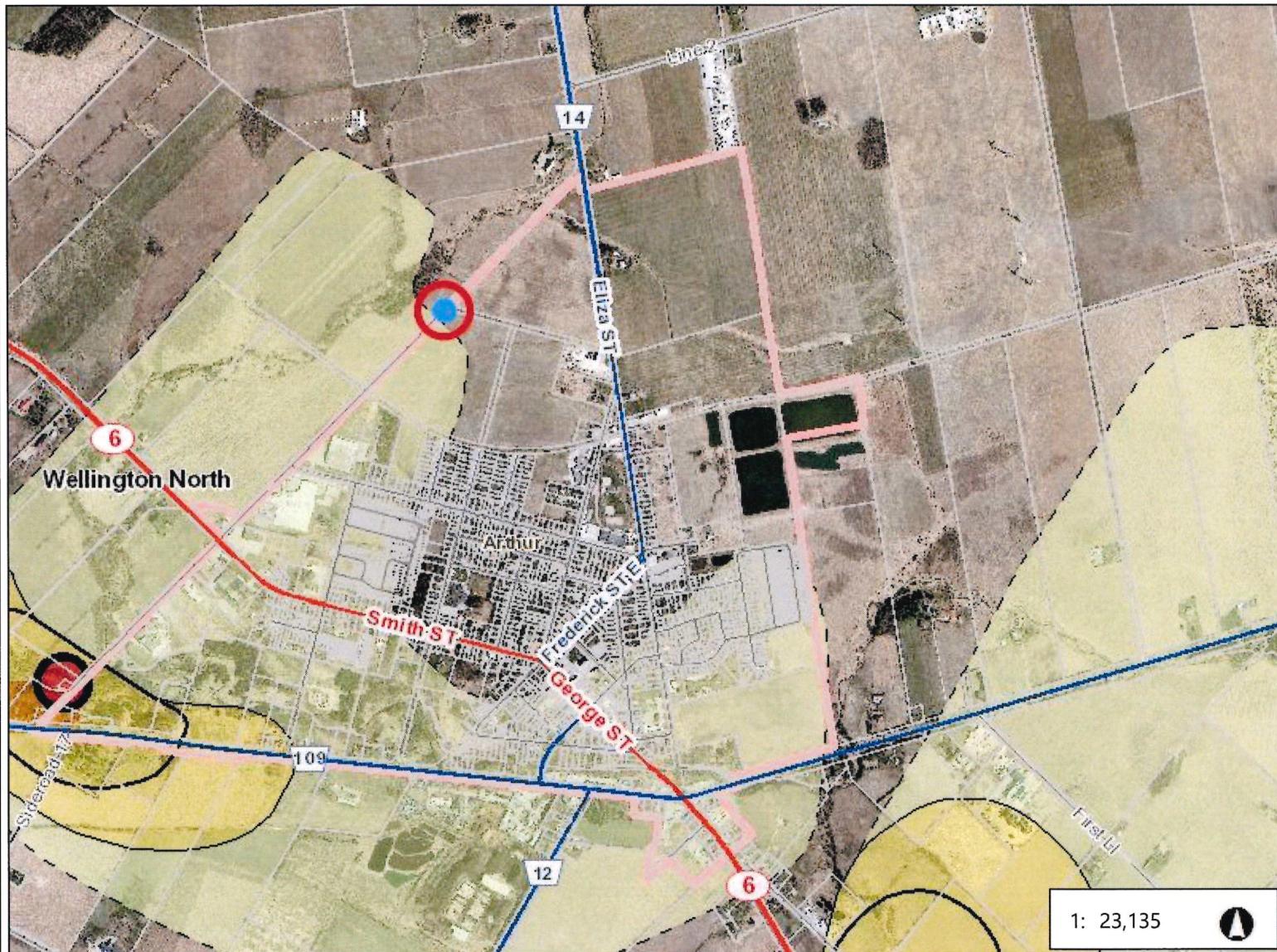
Emily Vandermeulen, Risk Management Inspector
519-846-9691 ext 365
evandermeulen@centrewellington.ca



Kyle Davis, Risk Management Official
519-846-9691 ext 362
kdavis@centrewellington.ca

Attachments
Figures 1 through 5
Source Protection Planning Bulletin – October 2019

Figure 1 Arthur Wellhead Protection Areas and TW1-21



| Legend | |
|-------------------------------------|-----------------------------------|
| <input type="checkbox"/> | Parcels |
| <input type="checkbox"/> | Roads - Small Scale |
| — | Local Road |
| — | County Road |
| — | Highway |
| <input checked="" type="checkbox"/> | Conservation Authority Boundaries |
| <input type="checkbox"/> | Urban Centres and Hamlets |
| <input type="checkbox"/> | Municipalities |
| <input type="checkbox"/> | WHPA_E |
| 9 | |
| 8.1 | |
| 7.2 | |
| 6.3 | |
| <input type="checkbox"/> | Issue Contributing Area |
| Chloride | |
| Nitrate | |
| Sodium | |
| TCE | |
| <input type="checkbox"/> | Wellhead Protection Area |
| — A | |
| — B | |
| — C | |
| - D | |
| <input type="checkbox"/> | Vulnerability Score |
| 10 | |
| 8, D; 8, C | |

| Notes |
|-------|
| |

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Figure 2 TW1-21 Site and Surrounding Properties



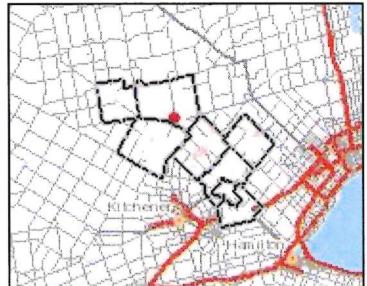
0.3 0 0.15 0.3 Kilometers

WGS_1984/Web_Mercator_Auxiliary_Sphere
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Legend

- Parcels
- Roads
 - Local Road
 - County Road
 - Highway
- Conservation Authority Boundary
- Urban Centres and Hamlets
- Municipalities
- WHPA_E
 - 9
 - 8.1
 - 7.2
 - 6.3
- Issue Contributing Area
 - Chloride
 - Nitrate
 - Sodium
 - TCE
- Wellhead Protection Area
 - A
 - B
 - C
 - D
- Vulnerability Score
 - 10
 - 8, D; 8, B, C

Notes

Figure 3 Arthur Well Supply Unadjusted Intrinsic Vulnerability

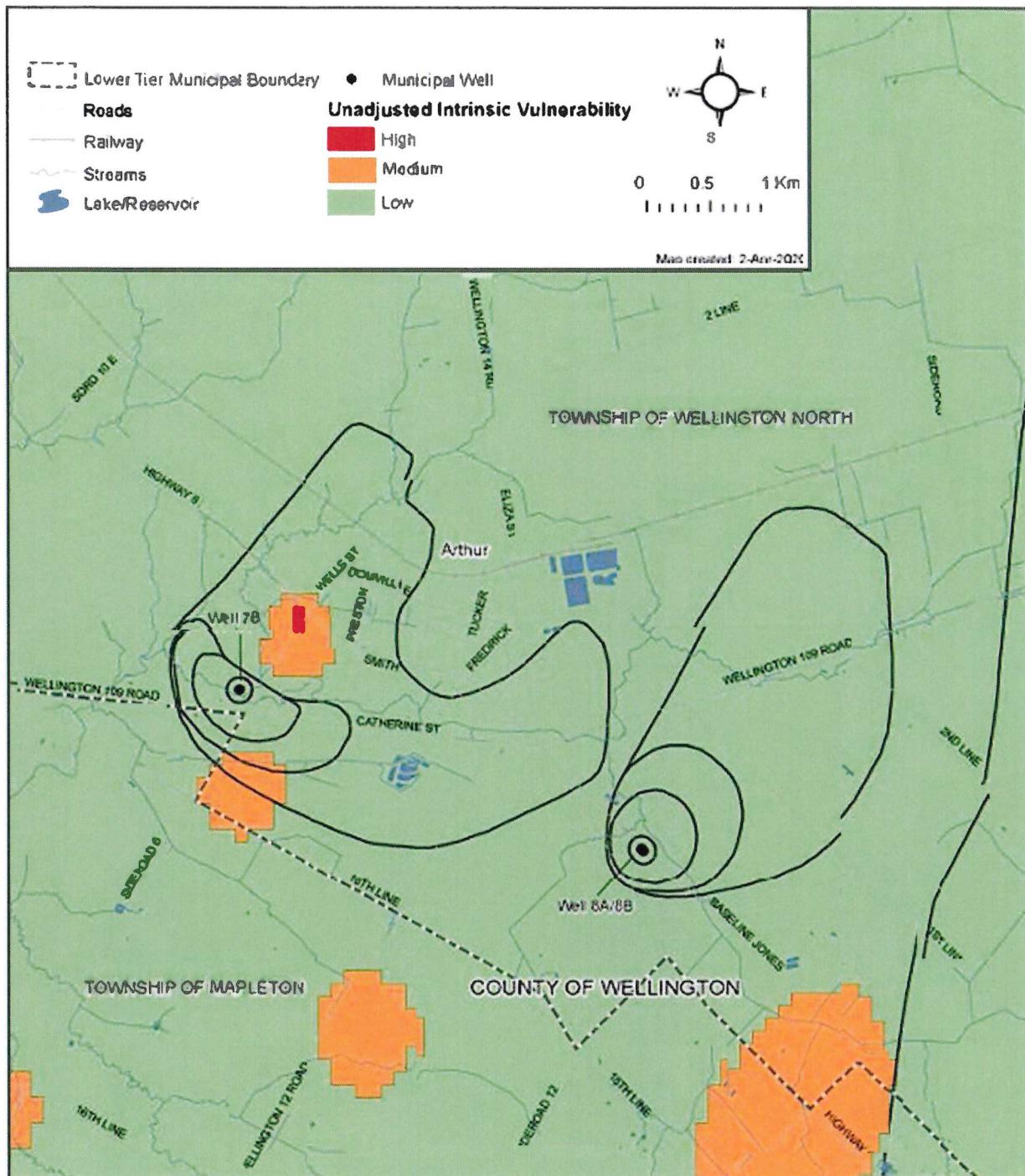
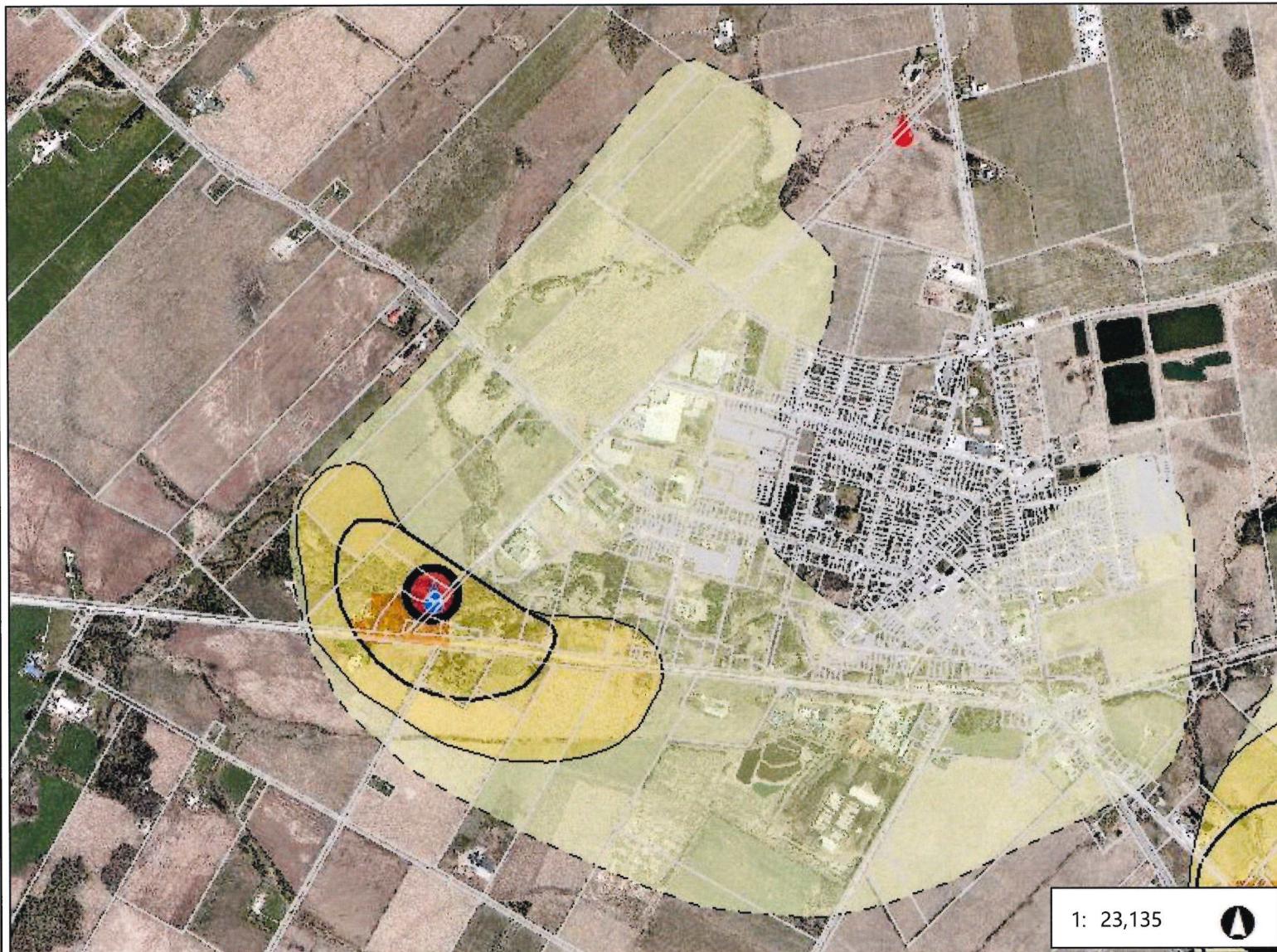


Figure 4 Well 7B Existing Wellhead Protection Area



1.2 0 0.59 1.2 Kilometers

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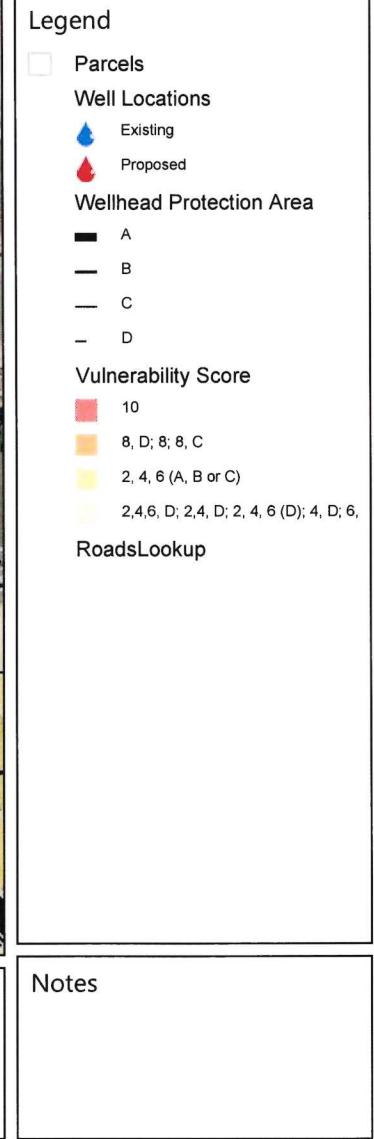
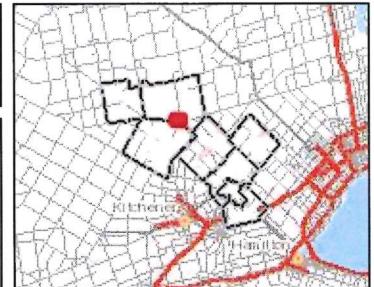
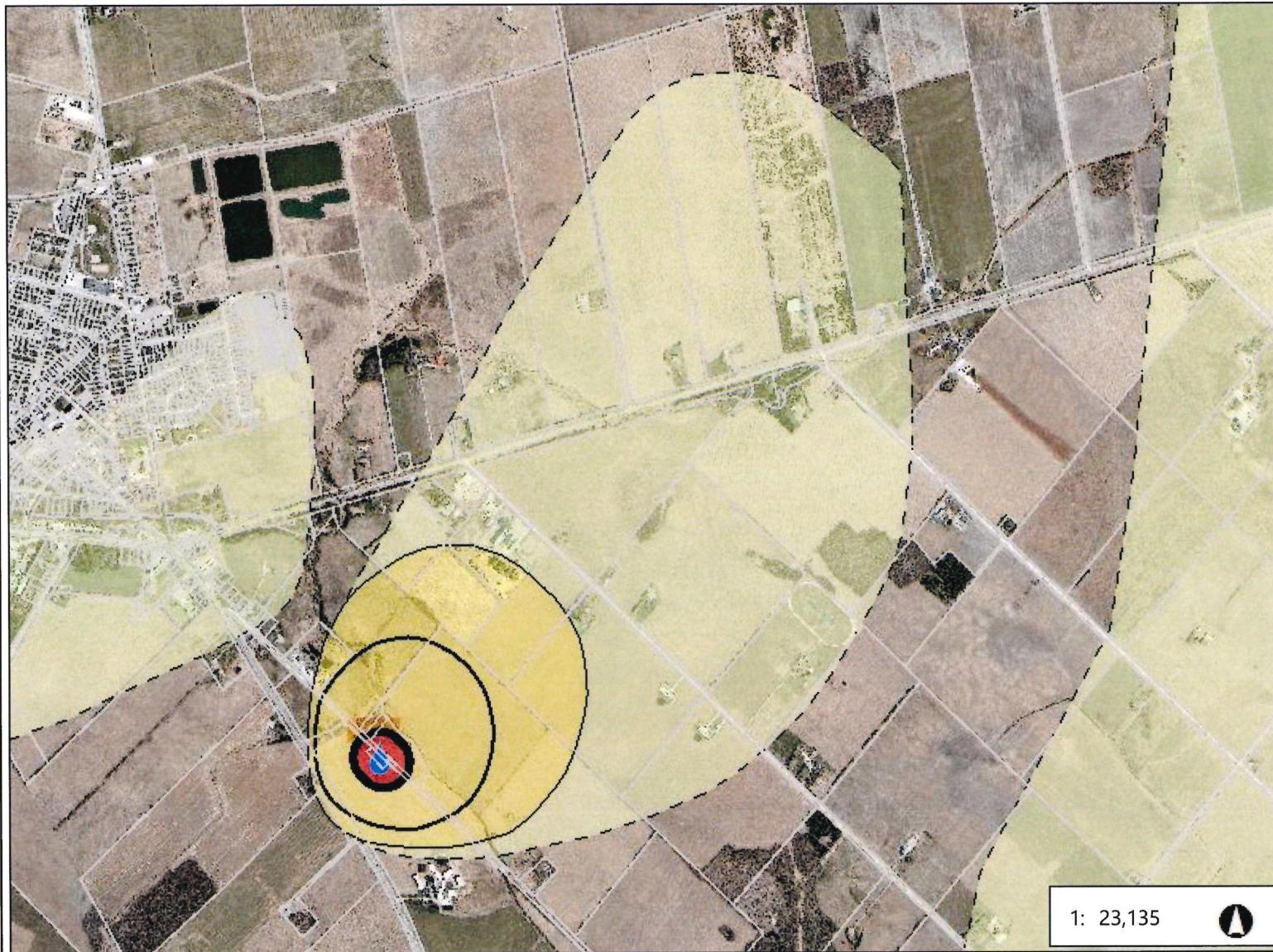


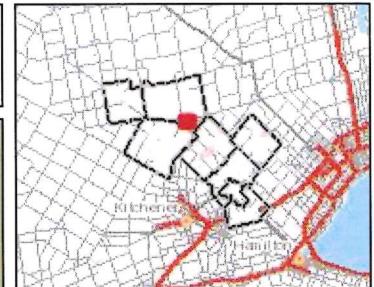
Figure 5 Well 8A/B Existing Wellhead Protection Area



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Legend

- Parcels
- Well Locations**
 - Existing (blue dot)
 - Proposed (red dot)
- Wellhead Protection Area**
 - A
 - B
 - C
 - D
- Vulnerability Score**
 - 10 (red)
 - 8, D; 8, C (orange)
 - 2, 4, 6 (A, B or C) (yellow)
 - 2, 4, 6, D; 2, 4, D; 2, 4, 6 (D); 4, D; 6, (light yellow)
- RoadsLookup**

Notes

Lindsay Scott

From: Turchet, Paige <pturchet@scsconsultinggroup.com>
Sent: Monday, June 16, 2025 5:16 PM
To: Lindsay Scott
Cc:

Subject: RE: Formal Response to Schedule B, Municipal Class EA for the Arthur System Supply and Storage
Attachments: 2025 06(Jun) 16 - Comments on Class EA Water Supply and Storage Facility.pdf
Follow Up Flag: Follow up
Flag Status: Flagged

Lindsay,

Thank you for your response to the comments regarding the Municipal Class Environmental Assessment (EA) for the Arthur Water System Supply and Storage project, as they relate to the Tribute/Sorbara Arthur Holdings Inc. development.

As the Tribute/Sorbara development continues to progress, we would like to formally request that the Arthur Water System Supply and Storage facility be appropriately sized to accommodate the proposed development lands.

To support this request, we have prepared a justification letter outlining the rationale for including the subject lands within the scope of the Class EA. Please find the letter attached for your review.

Should you have any questions or require further information, please do not hesitate to contact us.

Best regards,

Paige Turchet, P.Eng.



905 475 1900 x2243
647 227 9953
30 Centurian Drive, Suite 100,
Markham, ON, L3R 8B8
pturchet@scsconsultinggroup.com



From: Lindsay Scott <lscott@tritoneng.on.ca>
Sent: Thursday, May 15, 2025 4:16 PM
To: Turchet, Paige <pturchet@scsconsultinggroup.com>
Cc:

Subject: RE: Formal Response to Schedule B, Municipal Class EA for the Arthur System Supply and Storage

CAUTION: This email originated from an **EXTERNAL SOURCE**. Please use caution when opening attachments, clicking on links or responding. When in doubt, contact our IT Department.

Good Afternoon Paige,

Please see attached Responses to Comments from Tribute/Sorbara Arthur Holdings Inc. regarding the Schedule B, Municipal Class EA for the Arthur Water System Supply and Storage.

Regards,



Lindsay Scott, P.Eng.

Triton Engineering Services Limited

The Old Post - 39 Elora Street South, Units 7, 8 & 9
P.O. Box 159, Harriston, ON N0G 1Z0
(519) 843-3920 Ext. 251 • www.tritoneng.on.ca

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From: Turchet, Paige <pturchet@scsconsultinggroup.com>

Sent: Friday, December 20, 2024 4:06 PM

To: Corey Schmidt <cschmidt@wellington-north.com>; Lindsay Scott <lscott@tritoneng.on.ca>

Cc:

Subject: Formal Response to Schedule B, Municipal Class EA for the Arthur System Supply and Storage

Corey and Lindsay,

Please accept the attached letter outlining the comments on the Schedule B, Municipal Class EA for the Arthur System Supply and Storage Public Information Centre on behalf of Tribute/Sorbara Arthur Holdings Inc.

Regards,

***Please be advised that I will be away from Tuesday December 24, 2024 to Monday January 6, 2025.**

Paige Turchet, P.Eng.

SCS Consulting Group Ltd.

30 Centurian Drive, Suite 100

Markham, ON, L3R 8B8

(T) 905.475.1900 Ext. 2243

(F) 905.475.8335

(M) 647-227-9953

pturchet@scsconsultinggroup.com

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File #: 2504
Date: June 16, 2025

Mr. Corey Schmidt
Township of Wellington North
7490 Sideroad 7 W, PO Box 125
Kenilworth, Ontario, N0G 2E0

Ms. Lindsay Scott
Triton Engineering Services Limited
105 Queen Street W, Unit 14
Fergus, Ontario, N1M 1S6

Dear Mr. Schmidt and Ms. Scott:

Re:

**Comments on Schedule B, Municipal Class EA for the Arthur Water System Supply and Storage
665 Eliza Street, Arthur, ON
Tribute/Sorbara Arthur Holdings Inc.
YOUR FILE: T4003A**

On behalf of Tribute/Sorbara Arthur Holding Inc., this letter is in response to the response to comments provided by Triton Engineering Services Limited dated May 14, 2025 (the comments). The purpose of this letter is to request that the preliminary design of the water supply and storage facility being undertaken as part of the Class EA process be updated to include the proposed development located at Arthur, and assess the associated impacts, as opposed to leaving this for the detail design stage as suggested. At a minimum, we request the population from the proposed development be included within the Municipal Class EA for the Arthur Water System Supply and Storage, to avoid triggering the need for an addendum to the updated Class EA based on the related change in population.

Based on preliminary calculations completed by DLW Engineering in support of the draft plan application of approximately persons, the Class EA water supply and storage facility does not provide sufficient supply or storage for the proposed development. As the proposed development is located within a future development area as outlined within the Water and Wastewater Technical Update prepared by Triton Engineering (2020), the design of the water supply and storage facility should be considered.

Population Density

Re: **Comments on Schedule B, Municipal Class EA for the Arthur Water System Supply and Storage
665 Eliza Street, Arthur, ON
Tribute/Sorbara Arthur Holdings Inc.
YOUR FILE: T4003A**

June 16, 2025

Page 2 of 3

The comments further note that the Class EA is consistent with the Country Official Plan ensuring that residential intensification should occur at a rate of at least 20% annually. The Class EA utilized a total population of 4,800 by the year 2051, based on the Phase 1 MCR Report (2022) which forecasted an annual population growth of 1.5%, and based on the Township of Wellington North Growth Management Action Plan (2024). The comments identified that the final sizing of the storage facility will be confirmed during detailed design phase and that the Township will continue to monitor the existing water demand, compare it to the existing system capacity and potential future growth requirements to ensure that the water supply and storage facility are adequate to meet growth targets in the Growth Management Strategy for the Township.

As part of the Technical Briefing for Bill 17 *Protect Ontario by Building Faster and Smarter Act*, 2025, the Ministry of Municipal Affairs and Housing (“MMAH”) stated that it will undertake targeted outreach to municipalities where the October 2024 population projections by the Ministry of Finance are higher than estimates in the current official plans. For municipalities where the population forecasts in their official plan are lower than October 2024 population projections by the Ministry of Finance, it will require those municipalities to update the population forecasts in their plans.

The population forecasts contained in the Phase 1 County MCR (2022) are about 37,000 persons less than the October 2024 forecasts from the Ontario Ministry of Finance for Wellington County. Based on the direction in the Technical Briefing for Bill 17, Wellington County will need to update their forecasts to accommodate more growth. Now is the appropriate time for Wellington North to include higher population forecasts in the Class EA, including the population potential on Street.

Due to an increase in population, there is a risk that the Class EA would need to be re-opened to assess the impacts of additional population. Re-opening the Class EA would delay the detailed design until these impacts are assessed which would result in delays in the completion of the overall project. However, if the Class EA were to be updated to include the proposed population from the proposed development, then the detailed design timeline would not be subjected to delays. Alternately, the Class EA could be updated to include a population range which accounts for the proposed development.

As noted in our previous response, the draft plan for the proposed development provides for a block that is appropriately sized to accommodate the required water infrastructure, if required.

Re: **Comments on Schedule B, Municipal Class EA for the Arthur Water System Supply and Storage
665 Eliza Street, Arthur, ON
Tribute/Sorbara Arthur Holdings Inc.
YOUR FILE: T4003A**

June 16, 2025
Page 3 of 3

Source Water Protection Evaluation

We understand that a high-level assessment of the potential source protection implementation requirements was completed as part of the Class EA and assessed the current municipal wells 7B and 8A/B and the new test well. However, a full assessment has not been completed to date. We understand the comment that additional exploration is required to locate the final location of the TW1-21 well site. However, similar to the concerns noted above, not recognizing the potential water demand rates from the entire Arthur growth area, including the Tribute/Sorbara lands will likely impact the preliminary Source Protection Evaluation Analysis and could open the modified water demand to an unnecessary level of risk if the zone of impact is increased. The Source Protection is a lengthy process that could further delay the completion of the Class EA. Therefore, we believe it to be necessary to adjust the size of the WHPA/WHPA-A assessment area accordingly to assess impacts on the surrounding lands and ensure the appropriate water supply rate has been demonstrated during the public process.

Please contact the undersigned if you have any questions or require any additional information.

Sincerely,

SCS Consulting Group Ltd.



Paige Turchet, P. Eng.
pturchet@scsconsultinggroup.com

c. Ms. Susan Zucchero, Tribute Communities

P:\2504 665 Eliza St, Arthur - Tribute\Correspondence\Letters\2025 05(May) XX - Comments on Water EA.docx

Lindsay Scott

From: Lindsay Scott
Sent: Wednesday, August 13, 2025 11:15 AM
To: Turchet, Paige
Cc:

Subject: RE: Formal Response to Schedule B, Municipal Class EA for the Arthur System Supply and Storage
Attachments: T4003A - Response Letter (Tribute-Sorbara Arthur Holdings).pdf

Good Morning Paige,

Please see attached Responses to Comments in your letter dated June 16, 2025 regarding the Schedule B, Municipal Class EA for the Arthur Water System Supply and Storage.

Regards,



Lindsay Scott, P.Eng.

Triton Engineering Services Limited
The Old Post - 39 Elora Street South, Units 7, 8 & 9
P.O. Box 159, Harriston, ON N0G 1Z0
(519) 843-3920 Ext. 251 • www.tritoneng.on.ca

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From: Turchet, Paige <pturchet@scsconsultinggroup.com>

Sent: Monday, June 16, 2025 5:16 PM

To: Lindsay Scott <lscott@tritoneng.on.ca>

Cc:

Subject: RE: Formal Response to Schedule B, Municipal Class EA for the Arthur System Supply and Storage

Lindsay,

Thank you for your response to the comments regarding the Municipal Class Environmental Assessment (EA) for the Arthur Water System Supply and Storage project, as they relate to the Tribute/Sorbara Arthur Holdings Inc. development.

As the Tribute/Sorbara development continues to progress, we would like to formally request that the Arthur Water System Supply and Storage facility be appropriately sized to accommodate the proposed development lands.

To support this request, we have prepared a justification letter outlining the rationale for including the subject lands within the scope of the Class EA. Please find the letter attached for your review.

Should you have any questions or require further information, please do not hesitate to contact us.

Best regards,

Paige Turchet, P.Eng.



905 475 1900 x2243
647 227 9953
30 Centurian Drive, Suite 100,
Markham, ON, L3R 8B8
pturchet@scsconsultinggroup.com



From: Lindsay Scott <lscott@tritoneng.on.ca>
Sent: Thursday, May 15, 2025 4:16 PM
To: Turchet, Paige <pturchet@scsconsultinggroup.com>
Cc:

Subject: RE: Formal Response to Schedule B, Municipal Class EA for the Arthur System Supply and Storage

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Good Afternoon Paige,

Please see attached Responses to Comments from Tribute/Sorbara Arthur Holdings Inc. regarding the Schedule B, Municipal Class EA for the Arthur Water System Supply and Storage.

Regards,



TRITON
ENGINEERING
SERVICES
LIMITED
Consulting Engineers
Established 1964

Lindsay Scott, P.Eng.

Triton Engineering Services Limited
The Old Post - 39 Elora Street South, Units 7, 8 & 9
P.O. Box 159, Harriston, ON N0G 1Z0
(519) 843-3920 Ext. 251 • www.tritoneng.on.ca

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From: Turchet, Paige <pturchet@scsconsultinggroup.com>
Sent: Friday, December 20, 2024 4:06 PM
To: Corey Schmidt <cschmidt@wellington-north.com>; Lindsay Scott <lscott@tritoneng.on.ca>
Cc:

Subject: Formal Response to Schedule B, Municipal Class EA for the Arthur System Supply and Storage

Corey and Lindsay,

Please accept the attached letter outlining the comments on the Schedule B, Municipal Class EA for the Arthur System Supply and Storage Public Information Centre on behalf of Tribute/Sorbara Arthur Holdings Inc.

Regards,

**Please be advised that I will be away from Tuesday December 24, 2024 to Monday January 6, 2025.*

Paige Turchet, P.Eng.

SCS Consulting Group Ltd.

30 Centurian Drive, Suite 100

Markham, ON, L3R 8B8

(T) 905.475.1900 Ext. 2243

(F) 905.475.8335

(M) 647-227-9953

pturchet@scsconsultinggroup.com

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**TRITON
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Email: info@tritoneng.on.ca

ORANGEVILLE • FERGUS • HARRISTON

August 13, 2025

SCS Consulting Group Ltd.
30 Centurian Drive, Suite 100
MARKHAM, Ontario
L3R 8B8

Attention: Paige Turchet, P.Eng.

RE: Comments on May 14, 2025
Response to Comments
Schedule B, Municipal Class EA
for the Arthur Water System Supply and Storage
OUR FILE: T4003A

Dear Paige,

On behalf of the Township of Wellington North (Township), Triton Engineering Services Limited (Triton) would like to thank you for your feedback and comments in your letter dated June 16, 2025 regarding the response to Tribute/Sorbara Arthur Holdings Inc. comments by Triton dated May 14, 2025, in regard to the Schedule 'B' Municipal Class EA for the Arthur Water System Supply and Storage. The following responses are provided to address your comments and questions:

Comment 1:

Request that the preliminary design of the water supply and storage facility being undertaken as part of the Class EA process be updated to include the proposed development located at , Arthur, and assess the associated impacts, as opposed to leaving this for the detail design stage as suggested.

As the proposed development is located within a future development area as outlined within the Water and Wastewater Technical Update prepared by Triton Engineering (2020), the design of the water supply and storage facility should be considered.

Response:

Preliminary sizing of the water supply and storage facility considers the existing system capacity and projected system capacity requirements, which has been completed as part of the Class EA process, as well as an assessment of potential impacts of the preferred alternative.

The detailed design of the water supply and storage facility, including applicable mitigation measures as identified through the Class EA Process, will be completed during the implementation phase of the project. At the time of detailed design, the existing system capacity and projected system capacity requirements will be updated to align with the existing population demands (water consumption and storage) and forecasted local growth patterns and projections, consistent with the applicable design guidelines.

Comment/Question 2:

At a minimum, we [SCS Consulting Group Ltd.] request the population from the proposed development be included within the Municipal Class EA to avoid triggering the need for an addendum to the updated Class EA based on the related change in population.

Based on preliminary calculations completed by DLW Engineering in support of the draft plan application of approximately _____ persons, the Class EA water supply and storage facility does not provide sufficient supply or storage for the proposed development.

Response:

The purpose of this Class EA is to identify and evaluate feasible solutions to address the need for water supply redundancy and additional water storage to support the expected population growth in the urban community of Arthur. Through the Class EA process, and consistent with the information presented at the Public Information Centre, the preliminary preferred solution to address the need for water supply redundancy and additional water storage to support expected population growth is Alternative 2b – Addition of New Well(s) and Alternative 3b – Construct a New Water Storage Facility and Decommission the Existing Multi-Leg Tower. The final sizing of each will follow the completion of the Class EA.

It is also noted that implementation of water conservation measures to reduce water demands and extend the service life of the existing supply and storage capacity of the Arthur water system may also affect sizing requirements over time if/as measures are implemented. Therefore, water supply and storage requirements continue to be updated by the Township on an annual basis to monitor the needs of the existing and future population and will be considered with all other contributing factors during detailed design to determine the capacity requirements and finalize the sizing of the water supply and storage facility.

Population Density**Comment/Question 3:**

The population forecasts contained in the Phase 1 County MCR (2022) are about 37,000 persons less than the October 2024 forecasts from the Ontario Ministry of Finance for Wellington County. Based on the direction in the Technical Briefing for Bill 17, Wellington County will need to update their forecasts to accommodate more growth. Now is the appropriate time for Wellington North to include higher population forecasts in the Class EA, including the population potential on _____.

Response:

The County of Wellington (County) Official Plan provides member municipalities a consistent set of planning policies for the next twenty (20) years and requires land use and servicing decisions of member municipalities to conform to its policies, and applicable local policies, if any. As part of its Official Plan, the County provides growth forecasts and allocations for each of its member municipalities, including the Township, to be used to plan for growth- and growth-related facilities and the population forecasts used in the Class EA are consistent with the projections presented in the County's Municipal Comprehensive Review (Watson & Associates Economists Ltd, January 31, 2022) and current Wellington County Official Plan.

Comment/Question 4:

As noted in our previous response, the draft plan for the proposed development provides for a block that is appropriately sized to accommodate the required water infrastructure, if required.

Response:

Noted.

Source Water Protection

Comment/Question 5:

...similar to the concerns noted above, not recognizing the potential water demand rates from the entire Arthur growth area, including the Tribute/Sorbara lands will likely impact the preliminary Source Protection Evaluation Analysis and could open the modified water demand to an unnecessary level of risk if the zone of impact is increased. The Source Protection is a lengthy process that could further delay the completion of the Class EA. Therefore, we believe it to be necessary to adjust the size of the WHPA/WHPAA assessment area accordingly to assess impacts on the surrounding lands and ensure the appropriate water supply rate has been demonstrated during the public process.

Response:

Hydrogeological modelling will be completed during the detailed design phase of the project (following completion of the Class EA), as well as the assessment of vulnerability of the aquifer and other reference layers including managed lands, livestock density and the Intrinsic Susceptibility Index (ISI) vulnerability scoring. A preliminary assessment of Source Protection Implementation Requirements for TW1-21 was previously provided as an attachment to the Responses to Tribute/Sorbara Holdings Inc. December 20, 2024 Comments and will be included in the Project File Report for the Study.

There will be a public process to incorporate the new WHPAs into the Grand River Source Protection Plan. This process is separate from the Class EA, and the Township has begun the preliminary, internal work related to creation of the new WHPAs which is necessary prior to the public process beginning.

Should you require any additional information, please do not hesitate to contact the undersigned.

Yours very truly,

TRITON ENGINEERING SERVICES LIMITED



Lindsay Scott, P. Eng.

cc: Corey Schmidt, Manager of Environmental and Development Services, Township of Wellington North
Brooke Lambert, CAO, Township of Wellington North
Kyle Davis, Risk Management Official, Wellington Source Water Protection

Appendix M

Notice of Completion and Related Consultation Records



**TRITON
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105 Queen Street West, Unit 14
Fergus
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Tel: (519) 843-3920
Fax: (519) 843-1943
Email: info@tritoneng.on.ca

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December 4, 2025

Ministry of Environment, Conservation and Parks (MECP)
Environmental Assessment Branch, Project Review Unit
West Central Regional Office
119 King Street West, 12th Floor
Hamilton, Ontario L8P 4Y7

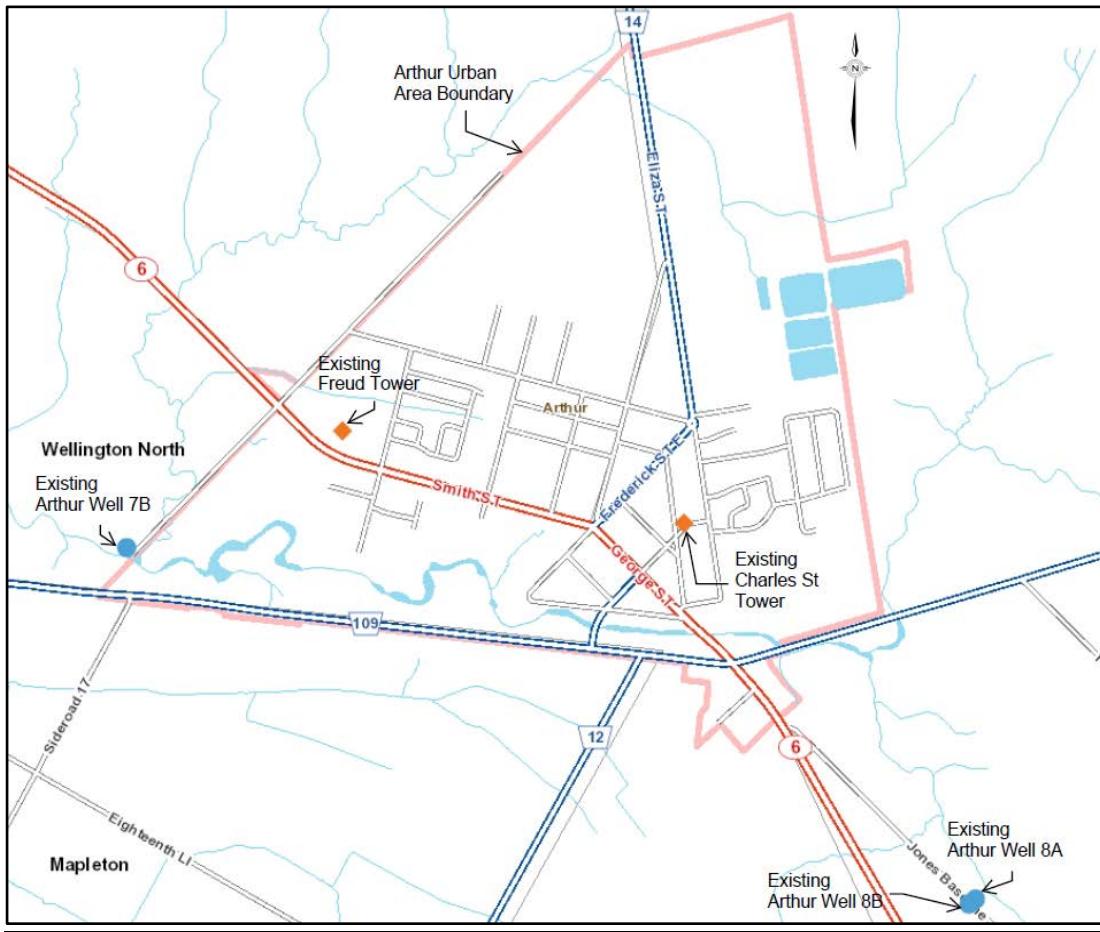
Attention: Joan Del Villar Cuicas
Regional Environmental Planner, WC Region

**RE: Township of Wellington North
Notice of Completion, Schedule 'B'
Municipal Class Environmental Assessment (Class EA)
Arthur Water System Supply Redundancy and Storage
Our File: T4003A**

Dear Ms. Del Villar Cuicas,

On behalf of the Township of Wellington North, Triton Engineering Services Limited has completed a Schedule 'B' Class Environmental Assessment (Class EA) to evaluate alternatives for the existing Arthur water system to address the need for water supply redundancy and additional water storage to support expected population growth. The existing water supply wells and towers in the Arthur municipal water system are shown on the map below. The Arthur Urban Boundary represents the Study Area.

The attached Notice of Completion, which is also advertised on the Township's website and in the Wellington Advertiser Newspaper, provides details of the Class EA and where to access the associated Project File Report. Subject to additional comments or concerns received as a result of the attached Notice of Completion and upon receipt of necessary regulatory approvals, the Class EA process has identified the preferred alternative solution for the Study, which is the addition of a new well to supplement the existing municipal wells and the construction of a new water storage facility to supplement the existing Spheroid Tower and decommissioning of the existing Multi-Leg Tower.



As per the attached Notice, comments or concerns with the Class EA, should be addressed to the Township and Triton Engineering Services Limited by January 9, 2026.

This Notice has been circulated to appropriate government agencies, other stakeholders and residents in the vicinity of the Study Area. If you have any questions or concerns, please do not hesitate to contact the undersigned.

Yours very truly,

TRITON ENGINEERING SERVICES LIMITED

Lindsay Scott, P.Eng.
Consultant Project Manager

LMS/sjp

Encl: Class EA Notice of Completion

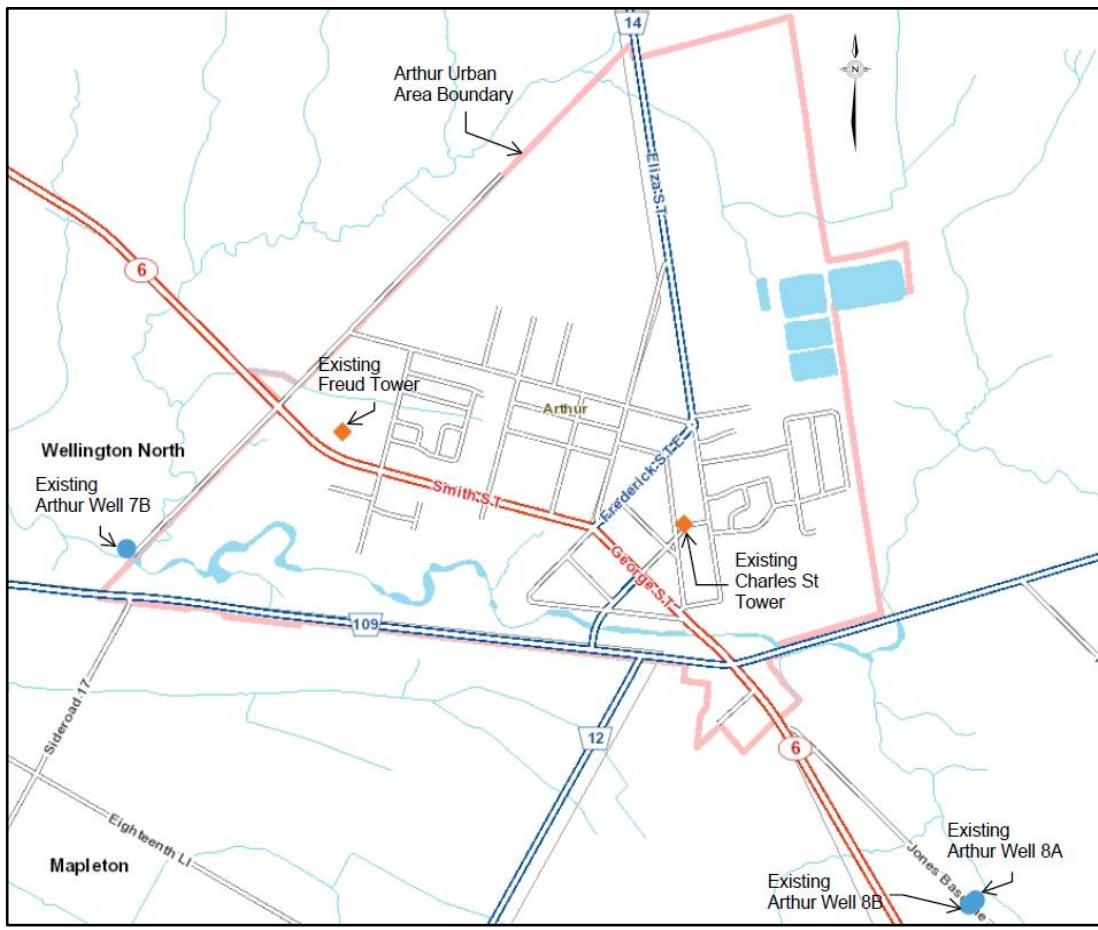
cc: Corey Schmidt, Manager, Environmental and Development Services,
Township of Wellington North
EA Notification, WCRegion eanotification.wcregion@ontario.ca



TOWNSHIP OF WELLINGTON NORTH SCHEDULE 'B' MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT ARTHUR WATER SYSTEM SUPPLY REDUNDANCY AND STORAGE

NOTICE OF COMPLETION

The Township of Wellington North (Township) is undertaking a Schedule 'B' Municipal Class Environmental Assessment Study to establish a preferred alternative for the existing Arthur water system to address the need for water supply redundancy and additional water storage to support expected population growth. The existing water supply wells and towers in the Arthur municipal water system are shown on the map below. The Arthur Urban Boundary represents the Study Area.



Through consultation with Agencies, Members of the Public, and Indigenous Communities, the preferred alternative identified through this Municipal Class Environmental Assessment Study is the addition of a new well to supplement the existing municipal wells and the construction of a new water storage facility to supplement the existing Spheroid Tower and decommissioning of the existing Multi-Leg Tower.

This project was planned in accordance with the requirements of a Schedule 'B' undertaking of the Municipal Class Environmental Assessment (MCEA) process (October 2000, and as amended in 2007, 2011, 2015, 2023 and 2024), which is an approved process under the Ontario *Environmental Assessment Act*.

A Project File Report has been prepared to document the planning and decision-making process for this Municipal Class Environmental Assessment Study. A copy of the Project File Report is being placed on the public record for a 30-day review period from December 4, 2025 to January 9, 2026. The Project File Report is available for review on the Township's website at: www.wellington-north.com/government/capital-projects, or you may contact one of the Project Team members listed below with any questions, comments or concerns regarding this Study, please contact one of the Project Team members below by January 9, 2026:

Corey Schmidt, Manager,
Environmental and Development Services
Township of Wellington North
7490 Sideroad 7W, PO Box 125
Kenilworth, ON N0G 2E0
519-848-3620 Ext. 4627
cschmidt@wellington-north.com

Lindsay Scott, P.Eng.,
Consultant Project Manager
Triton Engineering Services Limited
105 Queen St W, Unit 14
Fergus, ON N1M 1S6
519-843-3920 Ext. 251
lscott@tritoneng.on.ca

In addition, a request may be made to the Minister of the Environment, Conservation and Parks (MECP) for an order requiring a higher level of study, or that conditions be imposed, only on the grounds that the requested order may prevent, mitigate or remedy adverse impacts on constitutionally protected Aboriginal and treaty rights. Requests on other grounds will not be considered. Requests should include the requester contact information and full name.

Requests should specify what kind of order is being requested (additional conditions or a comprehensive environmental assessment), explain how an order may prevent, mitigate or remedy those potential adverse impacts, and any information to support the request. The request should be sent in writing or by email to the Project Team members noted above and the following:

Minister of the Environment, Conservation and Parks
Ministry of the Environment, Conservation and Parks
777 Bay Street, 5th Floor
Toronto, ON M7A 2J3
minister.mecp@ontario.ca

Director, Environmental Assessment Branch
Ministry of Environment, Conservation and Parks
135 St.Clair Ave. W, 1st Floor
Toronto, ON M4V 1P5
EABDirector@ontario.ca

Please visit the ministry's website for more information on requests for orders under section 16 of the *Environmental Assessment Act* at: <https://www.ontario.ca/page/class-environmental-assessments-part-ii-order>

All personal information included in your request – such as name, address, telephone number and property location – is collected, under the authority of section 30 of the *Environmental Assessment Act* and is collected and maintained for the purpose of creating a record that is available to the general public. As this information is collected for the purpose of a public record, the protection of personal information provided in the Freedom of Information and Protection of Privacy Act (FIPPA) does not apply (s.37). Personal information you submit will become part of a public record that is available to the general public, unless you request that your personal information remain confidential.

Comments submitted to the Project Team for the purpose of providing feedback regarding this Municipal Class Environmental Assessment are collected under the authority of the Environmental Assessment Act. Information will be collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record. Questions relating to the collection, use and disclosure of this information may be addressed to Corey Schmidt, Manager, Environmental and Development Services, Township of Wellington North at (519) 848-3620 Ext. 4627 or cschmidt@wellington-north.com

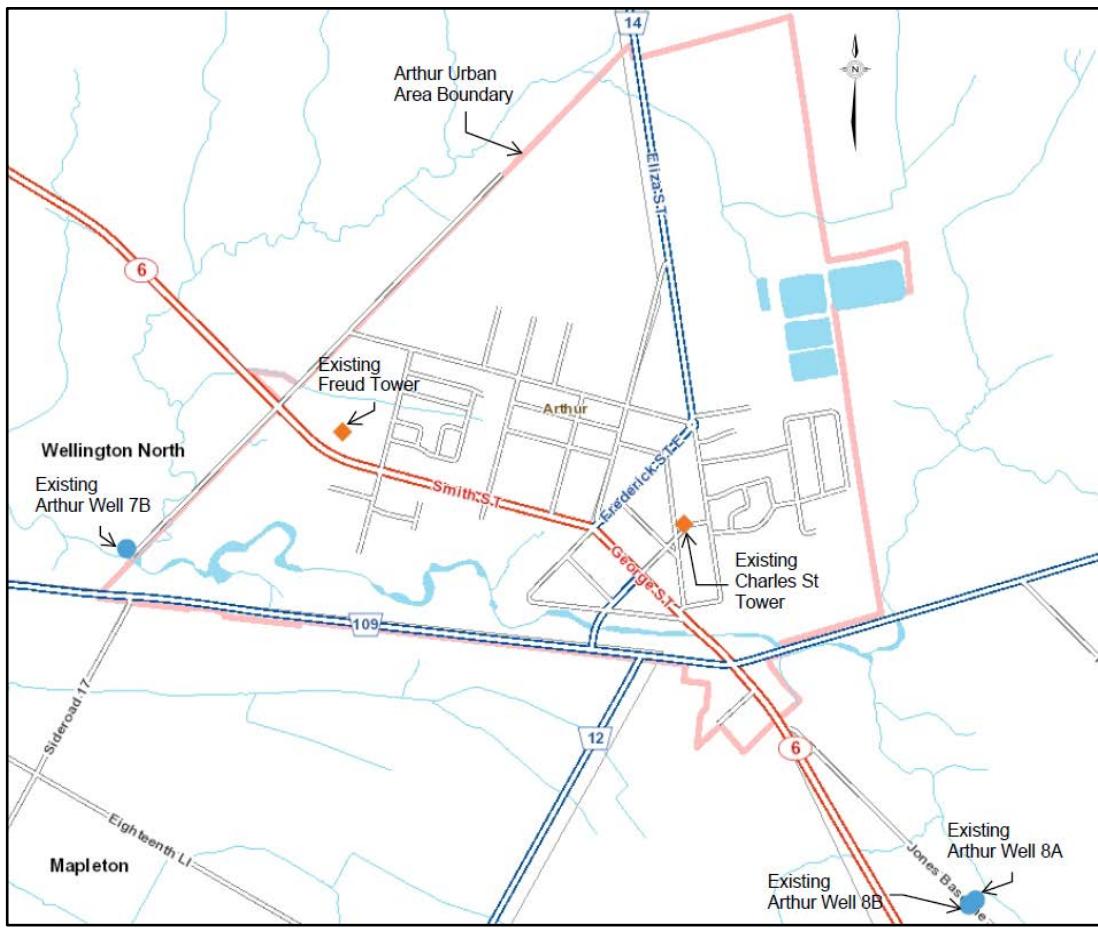
This Notice first issued December 4th, 2025.



TOWNSHIP OF WELLINGTON NORTH SCHEDULE 'B' MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT ARTHUR WATER SYSTEM SUPPLY REDUNDANCY AND STORAGE

NOTICE OF COMPLETION

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This project was planned in accordance with the requirements of a Schedule 'B' undertaking of the Municipal Class Environmental Assessment (MCEA) process (October 2000, and as amended in 2007, 2011, 2015, 2023 and 2024), which is an approved process under the Ontario *Environmental Assessment Act*.

A Project File Report has been prepared to document the planning and decision-making process for this Municipal Class Environmental Assessment Study. A copy of the Project File Report is being placed on the public record for a 30-day review period from December 4, 2025 to January 25, 2026. The Project File Report is available for review on the Township's website at: www.wellington-north.com/government/capital-projects, or you may contact one of the Project Team members listed below with any questions, comments or concerns regarding this Study, please contact one of the Project Team members below by January 25, 2026:

Corey Schmidt, Manager,
Environmental and Development Services
Township of Wellington North
7490 Sideroad 7W, PO Box 125
Kenilworth, ON N0G 2E0
519-848-3620 Ext. 4627
cschmidt@wellington-north.com

Lindsay Scott, P.Eng.,
Consultant Project Manager
Triton Engineering Services Limited
105 Queen St W, Unit 14
Fergus, ON N1M 1S6
519-843-3920 Ext. 251
iscott@tritoneng.on.ca

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Please visit the ministry's website for more information on requests for orders under section 16 of the *Environmental Assessment Act* at: <https://www.ontario.ca/page/class-environmental-assessments-part-ii-order>

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Comments submitted to the Project Team for the purpose of providing feedback regarding this Municipal Class Environmental Assessment are collected under the authority of the Environmental Assessment Act. Information will be collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record. Questions relating to the collection, use and disclosure of this information may be addressed to Corey Schmidt, Manager, Environmental and Development Services, Township of Wellington North at (519) 848-3620 Ext. 4627 or cschmidt@wellington-north.com

This Notice first issued December 4th, 2025.

Appendix N

Detailed Cost Estimate for Preferred Alternative

Arthur Water System Supply Redundancy and Storage

Capital Cost Estimate

Triton Engineering



| Project Component | Length (m) | Materials & Appurtenances Cost | | Restoration Cost | | Major Component | | Engineering, Contingency & HST | | Total Project Cost | |
|------------------------------|---------------|--------------------------------|--------------|------------------|--------------|-----------------|-----------------|--------------------------------|----------------|------------------------|------------------------|
| | | Per Meter | TOTAL | Per Meter | TOTAL | Lower | Upper | Lower | Upper | Lower | Upper |
| 300mm Watermain (Well St) | 850 | \$625.00 | \$531,250.00 | \$500.00 | \$425,000.00 | | | \$315,562.50 | \$315,562.50 | \$1,271,812.50 | \$1,271,812.50 |
| 300mm Watermain (MaCaulay) | 650 | \$625.00 | \$406,250.00 | \$500.00 | \$325,000.00 | | | \$241,312.50 | \$241,312.50 | \$972,562.50 | \$972,562.50 |
| 300mm Watermain (Eliza) | 190 | \$675.00 | \$128,250.00 | \$800.00 | \$152,000.00 | | | \$92,482.50 | \$92,482.50 | \$372,732.50 | \$372,732.50 |
| Elevated Water Tower | | | | | | \$6,500,000.00 | \$10,000,000.00 | \$2,145,000.00 | \$3,300,000.00 | \$8,645,000.00 | \$13,300,000.00 |
| Well House & Contact Chamber | | | | | | \$2,500,000.00 | \$3,500,000.00 | \$825,000.00 | \$1,155,000.00 | \$3,325,000.00 | \$4,655,000.00 |
| Total | | | | | | | | | | \$14,587,107.50 | \$17,955,000.00 |

Estimates are based benchmark costing assuming the following:

- Suitable construction conditions without any construction abnormalities or difficulties over and above typical construction projects (i.e. limited dewatering, no rock, suitable geotechnical conditions).
- Significant utility relocation or conflicts have not been included in costing.
- Environmental, legal or heritage issues have not been investigated or allowed for in the estimates.
- Watermain costs include excavation for and installation of the watermain, with surface restored to original condition.

Appendix O

**Memorandum: Preliminary Assessment of
Source Protection Implementation Requirements
for a Potential New Well Site (Wellington Source
Water Protection, June 25, 2024)**



December 17, 2024

Memorandum

To: Lindsay Scott, P. Eng., Triton Engineering

C.C. Corey Schmidt, Manager, Environmental and Development Services, Township of Wellington North

From: Emily Vandermeulen, Risk Management Inspector, Township of Wellington North

Reviewed: Kyle Davis, Risk Management Official, Township of Wellington North

Subject: Preliminary Assessment of Source Protection Implementation Requirements for a Potential New Well Site, Arthur Water Supply Class Environmental Assessment

As requested, this memorandum evaluates the potential source protection implementation requirements for a test well installed as part of the Township of Wellington North's Arthur Water Supply Class Environmental Assessment. The test well is identified as:

- TW1-21, located at the southeast corner of unopened road Wells Street in the Village of Arthur

This memorandum also provides a high-level review of the other sites evaluated as part of the Class Environmental Assessment, specifically potential to increase capacity at existing municipal well sites (Pumphouses 7 and 8). This review is provided in the results section.

Source protection implementation requirements are a combination of Source Protection Plan policies and the *Clean Water Act* and its associated regulations. The applicable Source Protection Plan, for all well locations discussed in this memorandum, is the Grand River Source Protection Plan.

Any new municipal well is required to have wellhead protection areas established and approved prior to water being distributed to residents. This requirement is pursuant to the *Safe Drinking Water Act* and the *Clean Water Act*. The wellhead protection areas (WHPA) include a WHPA-A (100 metre radius), WHPA-B (2-year time-of-travel), WHPA-C (5-year time-of-travel) and WHPA-D (25-year time-of-travel) at a minimum. Other WHPAs may apply if a well is designated groundwater under the direct influence of surface water. To delineate the WHPAs B through D, hydrogeological modelling is required to be completed by the municipality. This modelling is not part of the current Class Environmental Assessment (Class EA) process and would need to take place during the detailed design phase of the project. The modelling to delineate WHPAs plus the assessment of vulnerability of the aquifer is required to be completed and approved prior to



distribution of water to residents and includes the issuance of a notice by the applicable Source Protection Authority, in this case the Grand River Source Protection Authority. Recommendations related to the required notice and associated public process are outlined in Next Steps/Recommendations section of this memorandum.

In addition to WHPA delineation, a number of underlying reference layers will need to be updated in the Grand River Assessment Report. These layers included managed lands, livestock density, impervious surface, and the Intrinsic Susceptibility Index (ISI) vulnerability scoring. The typical methodology is to update those layers based on the area of the WHPA delineations as it provides a more localized grid to calculate managed lands percentages, livestock densities, and impervious surfaces. Similarly, the ISI vulnerability scoring is a regional layer and typically the vulnerability scoring will be updated within WHPAs and near wells to provide more up to date scoring. These updates will need to be completed during the detailed design phase in conjunction with the WHPA delineations.

Methodology

This assessment of source protection implementation requirements was based on mapping published in the approved Grand River Assessment Report and the policies in the approved Grand River Source Protection Plan. The assessment also used information in the Triton Engineering report titled Township Of Wellington North Arthur Water System Supply Redundancy And Storage Class EA Project File Report – Draft (June 2024).

Results of the assessment are provided in the next section. As shown on Figures 1 through 5, an approximately 100 metre radius (200 metre diameter) circle was placed approximately at the test well location to illustrate the number of properties that may be affected by the WHPA-A. The location of the WHPA-A and the exact properties affected will need to be confirmed in the detailed design phase of the project. For this memorandum, the regional scale managed lands, livestock density and ISI vulnerability layers that were approved in the Grand River Assessment Report were used and were not updated. Some of these layers were accessed from the provincial online Source Protection Information Atlas, while others were accessed from Grand River Assessment Report or the Triton report. Certain assumptions were made based on the regional mapping, in particular the scoring on the regional ISI mapping was converted as follows: WHPA-A (score = 10), WHPA B (high = 10, medium = 8, low = 6) and WHPA C (high = 8, medium = 6, low = 4). Similarly, the regional mapping layers for managed lands and livestock density were interpreted and test well specific comments provided. This analysis was completed for all the test well sites identified in the Class Environmental Assessment, although mapping is only provided in this memorandum for wells TW1-21, Well 7B and Wells 8A/B.



Results

The following section provides results applicable to all above referenced well sites and specific recommendations related to test well TW1-21 and increasing capacity at existing municipal well sites.

Comments: TW1-21 Test Site (Wells Street)

1. Based on the test well location and the current orientation of the approved WHPAs 7B and 8 A/B, it is assumed that the well site TW1-21 WHPAs would run generally to the northeast and a short distance to the southwest of the test well location. Based on this orientation, the properties impacted by the new WHPAs would be mostly agricultural and/or rural residential. As shown in Figure 1, the WHPA for this site may overlap with the current 7B WHPA, however, likely only with the WHPA-D (25-year time-of-travel) for 7B. Based on the test well location and the current orientation of the approved WHPAs, it appears unlikely that the new WHPAs will overlap within the Arthur industrial area. Based on the regional vulnerability mapping (Figure 3), it is likely that the vulnerability outside of the WHPA-A would remain low, giving the WHPA-B, WHPA-C, and WHPA-D scores of 6, 4, and 2 respectively.
2. As shown on Figures 1 and 2, an approximately 100 metre radius (200 metre diameter) circle was placed approximately at the test well location to illustrate the number of properties captured within the 100 metre radius. There are currently no existing residential properties within 100 metres of the test well (WHPA-A). Any new residential lots created will require a septic system inspection if any part of their septic system is within the 100-metre setback. This is probably the one item where land acquisition, design of the well site and/or location of the well could make the biggest difference to requirements on adjoining property owners.
3. Manure application will be prohibited within 100 metres of the proposed municipal well (WHPA-A) as outlined in Grand River Source Protection Plan policy WC-CW-4.1. This would apply to three parcels.
4. Based on the current standby generators that the Township uses at its existing wells, it anticipated that the proposed generators would be classified as significant drinking water threats as the total fuel capacity would be above 250 litres above grade. Since the generators are part of the drinking water system, spill containment and risk management measures would be contained in the Township's drinking water licence to address this risk.
5. Agricultural policies for significant drinking water threats only apply within a score 10 vulnerability. Current managed lands for 7B is generally low to moderate (< 80%) and 8 A/B is moderate to high (> 40%), and given the land use, the managed lands calculations for TW1-21 would be in the moderate to high range. Current livestock density for 7B is generally low



to moderate (< 1 nutrient unit/acre) and 8 A/B is moderate to high (> 0.5 nutrient unit/acre), and given the land use, the livestock density calculations for TW1-21 would be in the moderate to high range. If managed lands percentages or livestock densities are calculated to > 80% and > 1 nutrient unit/acre, respectively, then commercial fertilizer and manure application and storage would be considered significant drinking water threats in score of 10 and prohibited in the WHPA-A (100 metres from the well). Livestock grazing and pesticides application and storage would be handled through risk management plans for existing activities.

6. If score 10 areas were present in the WHPA-B, then risk management plans would apply for commercial fertilizer, manure and pesticides application and storage. Livestock grazing, pasturing and outdoor confinement yards would also require risk management plans in the score 10.
7. Areas that have a score of 10, where impervious surfaces exceed 30%, winter maintenance activities would be significant drinking water threats. Given the land use in the area, winter maintenance activity threats would be unlikely.
8. In the remaining WHPAs and vulnerability scores (WHPA-B and C, scores 2 through 8) only the handling and storage of dense non-aqueous phase liquids (DNAPLs) would be regulated. Due to the likely agricultural and rural land uses of where the WHPAs would be located, it is anticipated that the majority of the DNAPL requirements would be handled through the existing Wellington Source Water Protection education and outreach program. It is possible that a small number of properties may be identified as requiring DNAPL risk management plans. Typically, this would be related to an automotive repair or manufacturing use. Education programs relevant to other activities will also be applicable to existing properties.

Comments: Increasing Capacity at Pumphouses 7 and 8

9. Well 7B is currently pumping at less than half its available drawdown. Pumping more capacity at this well would likely increase the size of the WHPA, but would not change the orientation of the WHPA, or increase the vulnerability. The WHPA-A would not change, and due to the low to moderate vulnerability scoring (Figures 3 and 4), it would likely only result in a small number of properties that may potentially have DNAPL threats. However, with the increased capacity, whether due to pumping from 7A or increasing pumping from 7B, a new well (7C) would have to be drilled as back up. This well would likely increase the area of the WHPA-A but would be unlikely to impact any new properties.
10. Wells 8A/B could be pump concurrently to increase capacity. Pumping more capacity at this well would likely increase the size of the WHPA, but would not change the orientation of the WHPA, or increase the vulnerability. The WHPA-A would not change, and due to the low to moderate vulnerability scoring (Figures 3 and 5), it would likely only result in a small number



of properties that may potentially have DNAPL threats. However, due to increased levels of manganese in the water at this location, expensive treatment may be required. Should the Township choose to drill these wells deeper to avoid the manganese, the size and orientation of the WHPA could change drastically, affecting many properties both within the urban boundary and in the rural areas surrounding Arthur.

Summary

Prior to distribution of water to residents from new municipal wells, the *Clean Water Act* and *Safe Drinking Water Act* require that new or changing municipal drinking water systems are included in a Source Protection Plan before water may be provided to the public. Further work will be required during the detailed design phase to delineate wellhead protection areas and to update vulnerability scoring and other reference layers. Following the technical work, there will be a public process to incorporate the new WHPAs into the Grand River Source Protection Plan.

Based on the preliminary assessment of source protection requirements, existing properties may be subject to a number of requirements including septic inspections, manure application prohibitions, risk management plans for a number of agricultural activities and for chemical (DNAPL) handling/storage and education requirements.

Next Steps/Recommendations

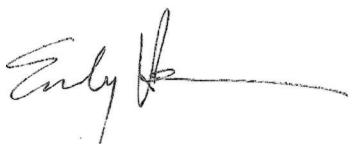
1. Further work will be required to determine the ISI vulnerability scoring, the WHPA boundaries, the managed lands/livestock densities/impervious surfaces, and other reference layers. It is anticipated that this work would be completed during the detailed design phase of the project and funded by the municipality. The WHPA delineation and vulnerability assessment will need to be completed by a licenced professional engineer or geoscientist. The updates to the managed lands, livestock densities, impervious surfaces, and other reference layers can be updated through a GIS analysis exercise and in conjunction with staff from the Grand River Source Protection Region and Grand River Source Protection Authority
2. Once the WHPAs have been delineated, an enumeration of the threat activities on the properties within the new WHPAs will have to be completed. This work will update the results/comments 1 through 10 provided above and would be completed by Township Risk Management staff (Wellington Source Water Protection) and included in the updated Assessment Report sections drafted by the Grand River Source Protection Authority.
3. Prior to the detailed design phase beginning, a meeting or teleconference should be arranged with staff from the Grand River Source Protection Region and Grand River Source Protection Authority to discuss the project and to ensure the work in recommendations 1 and 2 will fulfill the requirements pursuant to the *Safe Drinking Water Act* and *Clean Water Act*. Based on experience with other studies, it is anticipated that, a minimum of 12-18



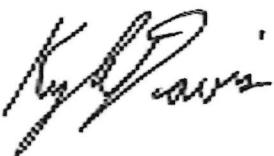
months will be needed after completion of the technical work outlined above to obtain the necessary notices and updates to the Assessment Report and Source Protection Plan, including public consultation and Provincial approval. Attached is a fact sheet from the Province outlining the update process, please note that this project will be considered a Section 34 amendment.

4. Consideration should be given to requesting records from the Ontario Ministry of the Environment, Conservation and Parks (MECP) through a Freedom of Information process regarding historical and current activities and approvals in the vicinity of the test well. It is recommended that this request is not filed with the MECP until after the WHPAs have been delineated. This information would form part of the record used by Wellington Source Water Protection for the threat enumeration. This work can be completed by Township Risk Management staff (Wellington Source Water Protection).

If you require further information, please contact.

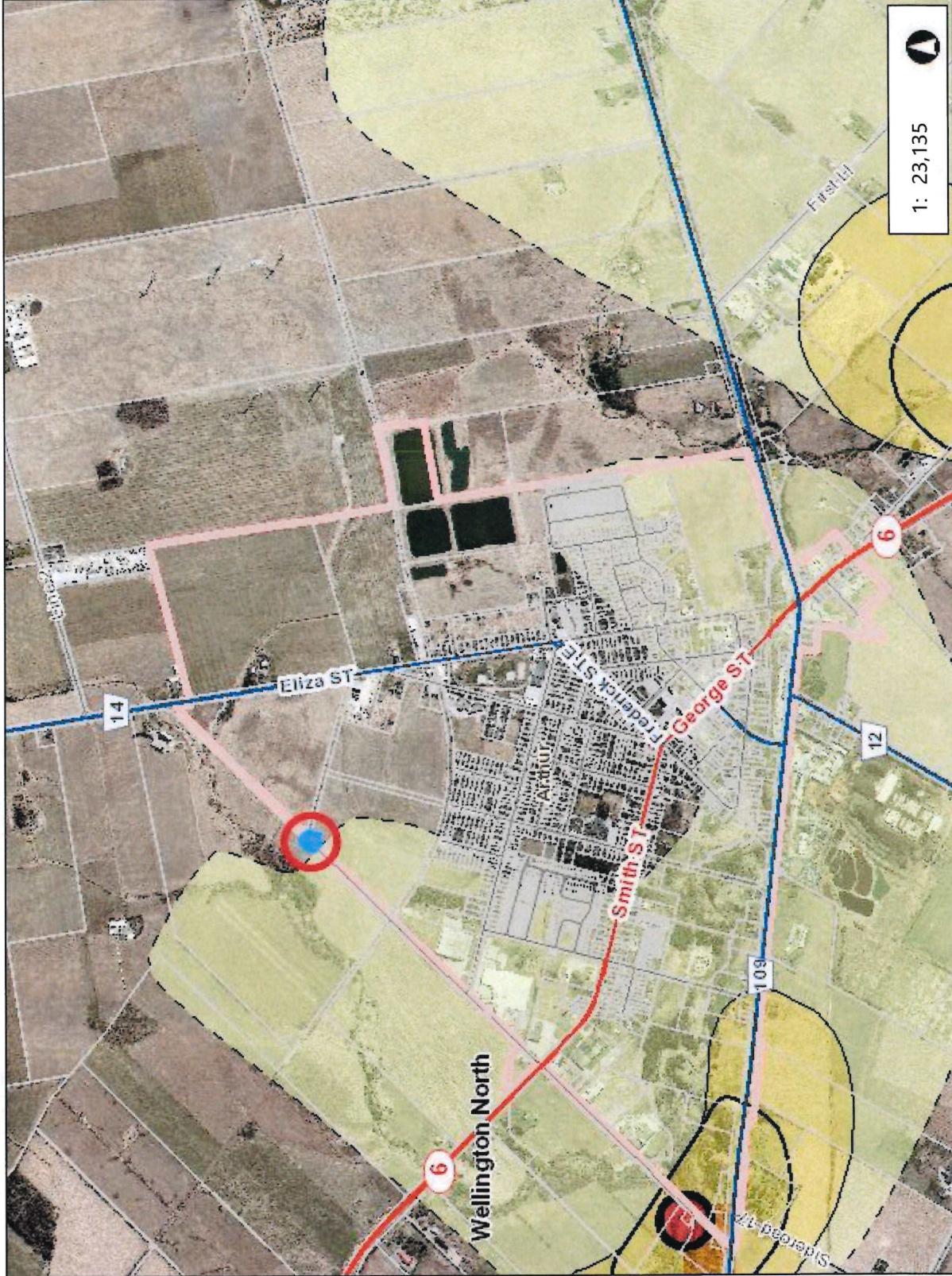
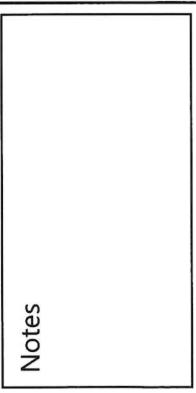
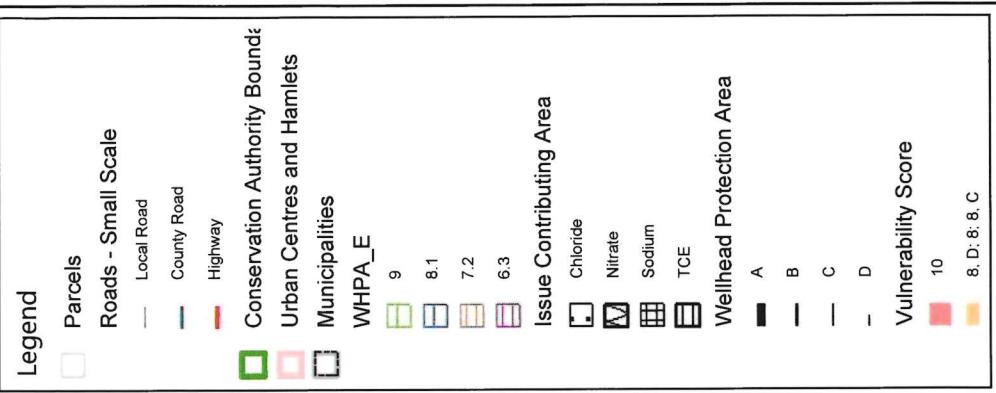
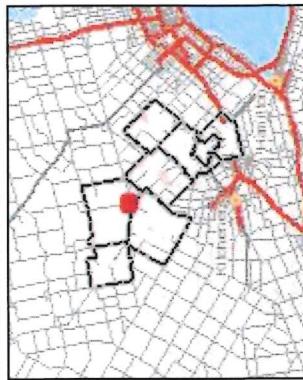


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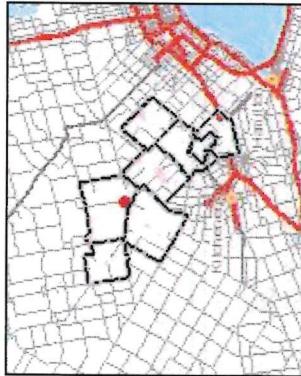
Attachments
Figures 1 through 5
Source Protection Planning Bulletin – October 2019



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Legend

- Parcels
- Roads
 - Local Road
 - County Road
 - Highway

Conservation Authority Bound:
Urban Centres and Hamlets

Municipalities

WHPA_E

-

Issue Contributing Area

- 9
- 8.1
- 7.2
- 6.3

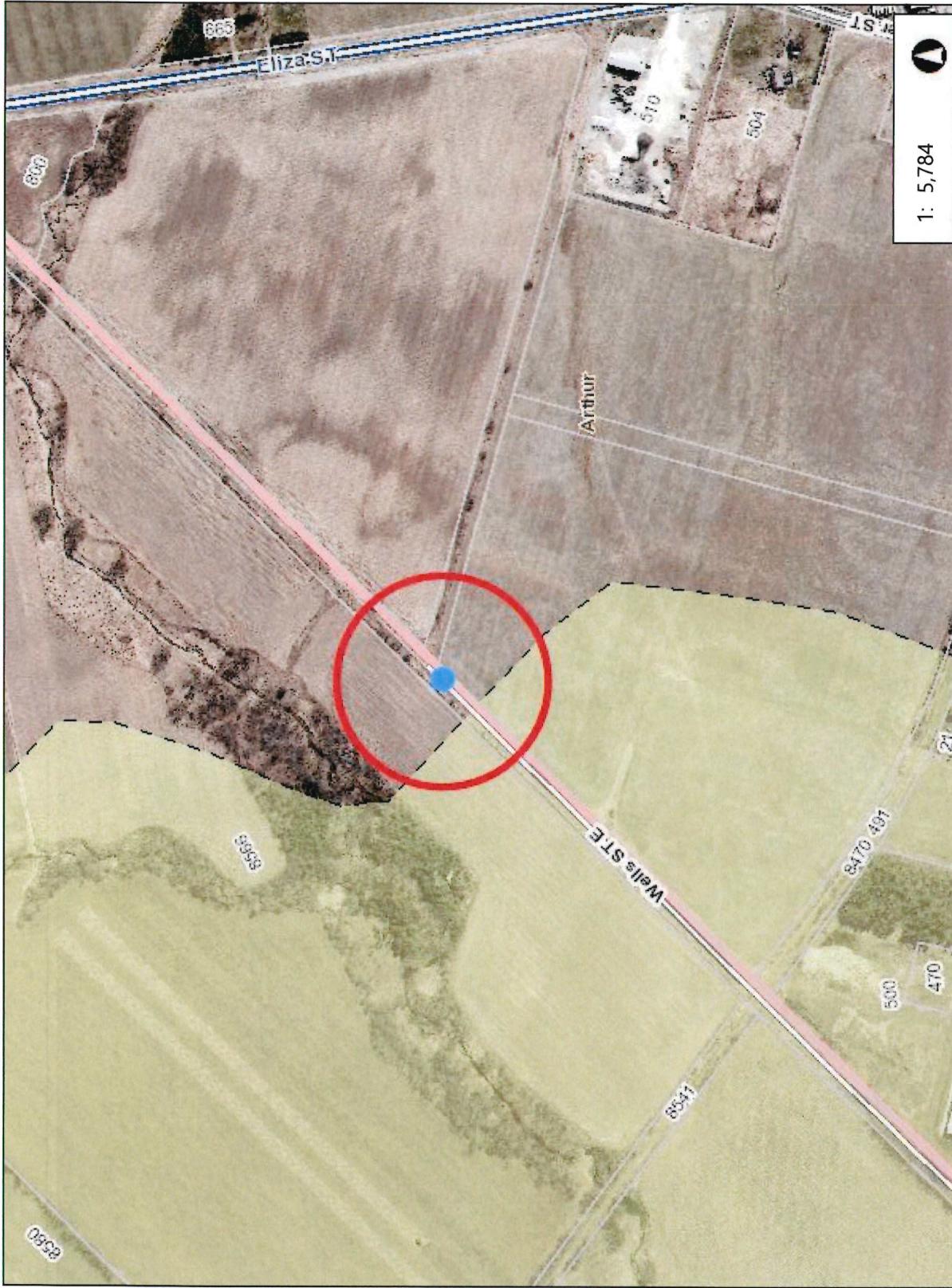
Wellhead Protection Area

- Chloride
- Nitrate
- Sodium
- TCE

Vulnerability Score

- A
- B
- C
- D

Notes

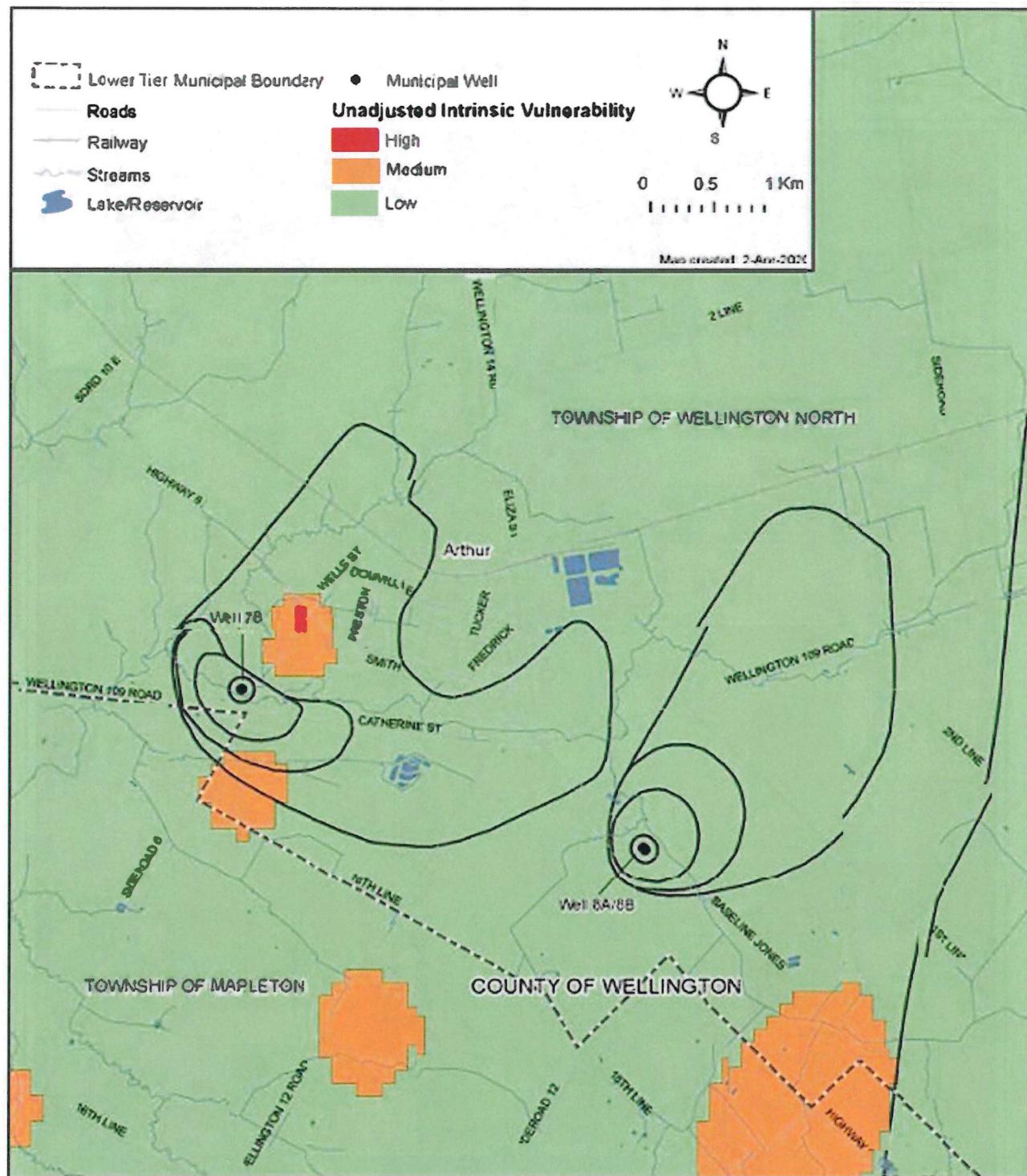


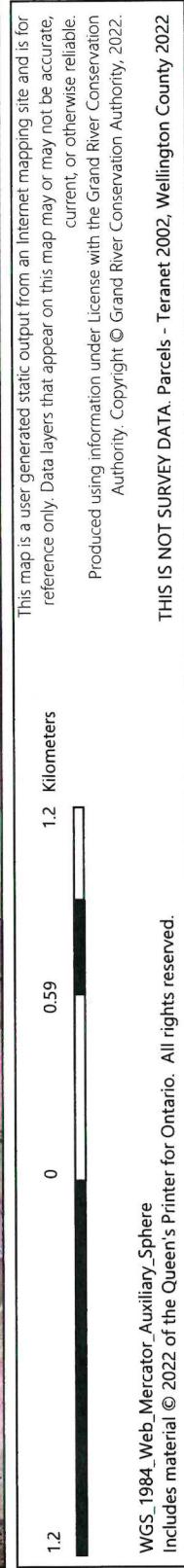
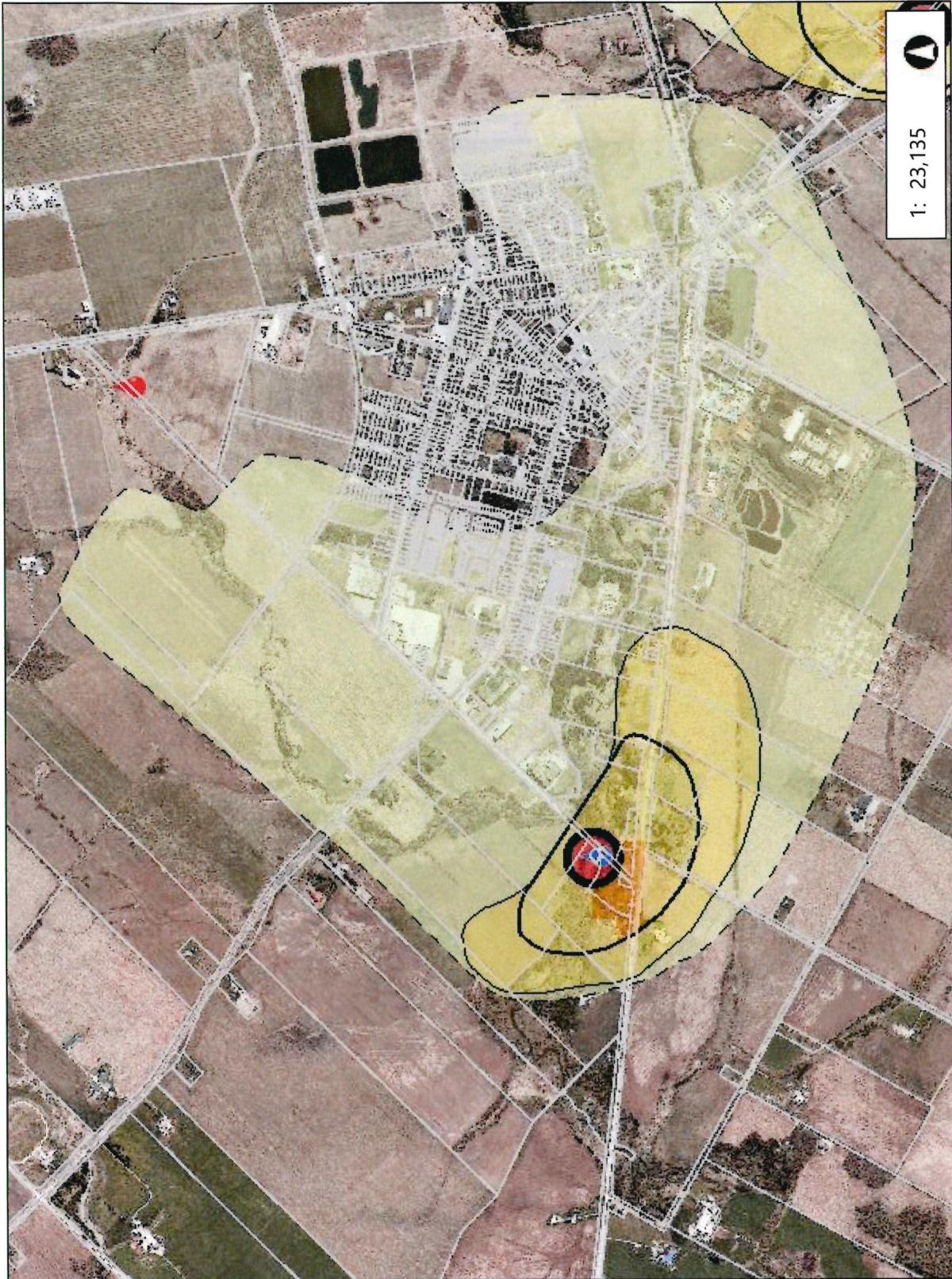
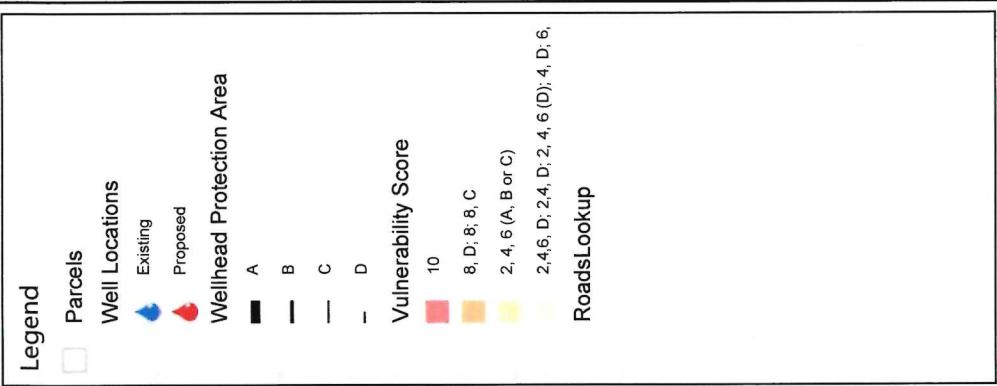
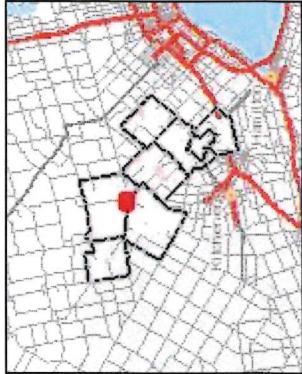
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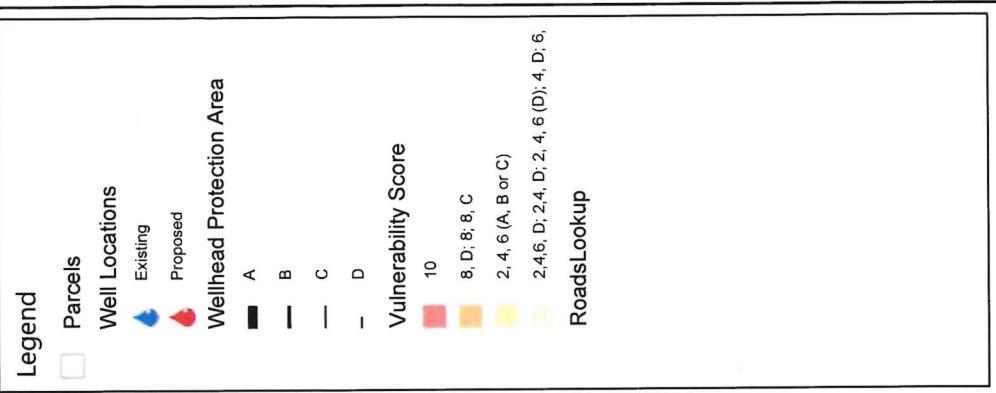
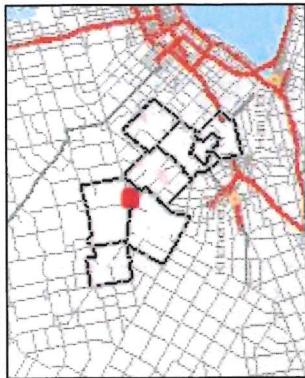
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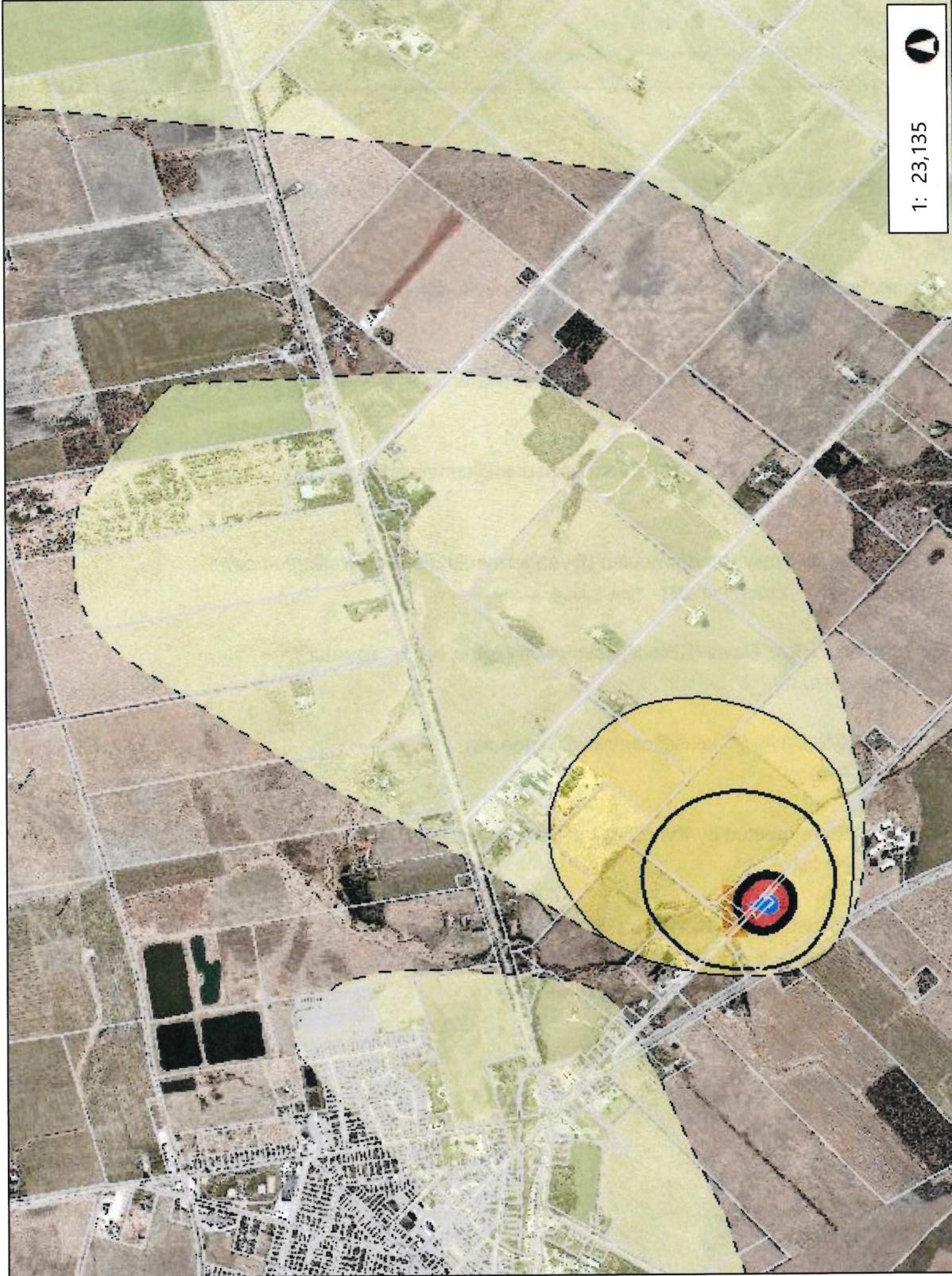
Figure 3 Arthur Well Supply Unadjusted Intrinsic Vulnerability







Notes



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