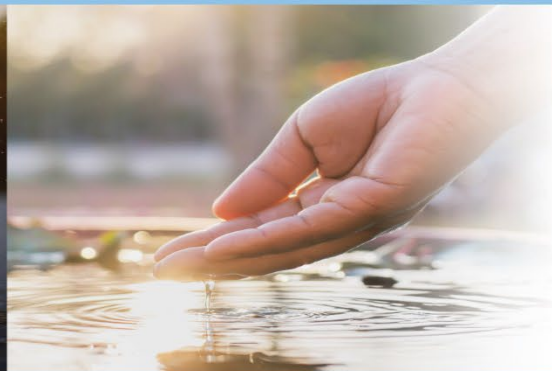


# Source Water Protection

South Georgian Bay Lake Simcoe Region

## Section 34 Amendment – Lafontaine, Township of Tiny Source Protection Committee Meeting June 11, 2026

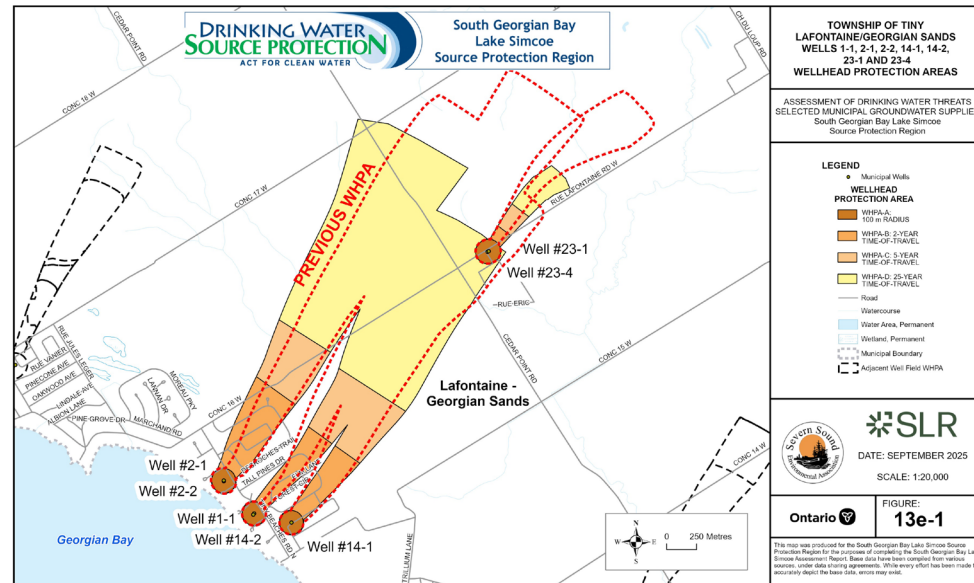
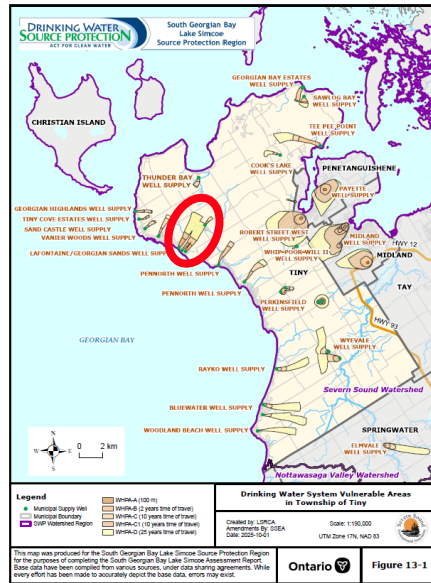
Melissa Carruthers, Manager Source Water Protection - Risk Management  
Official/Inspector, Severn Sound Environmental Association



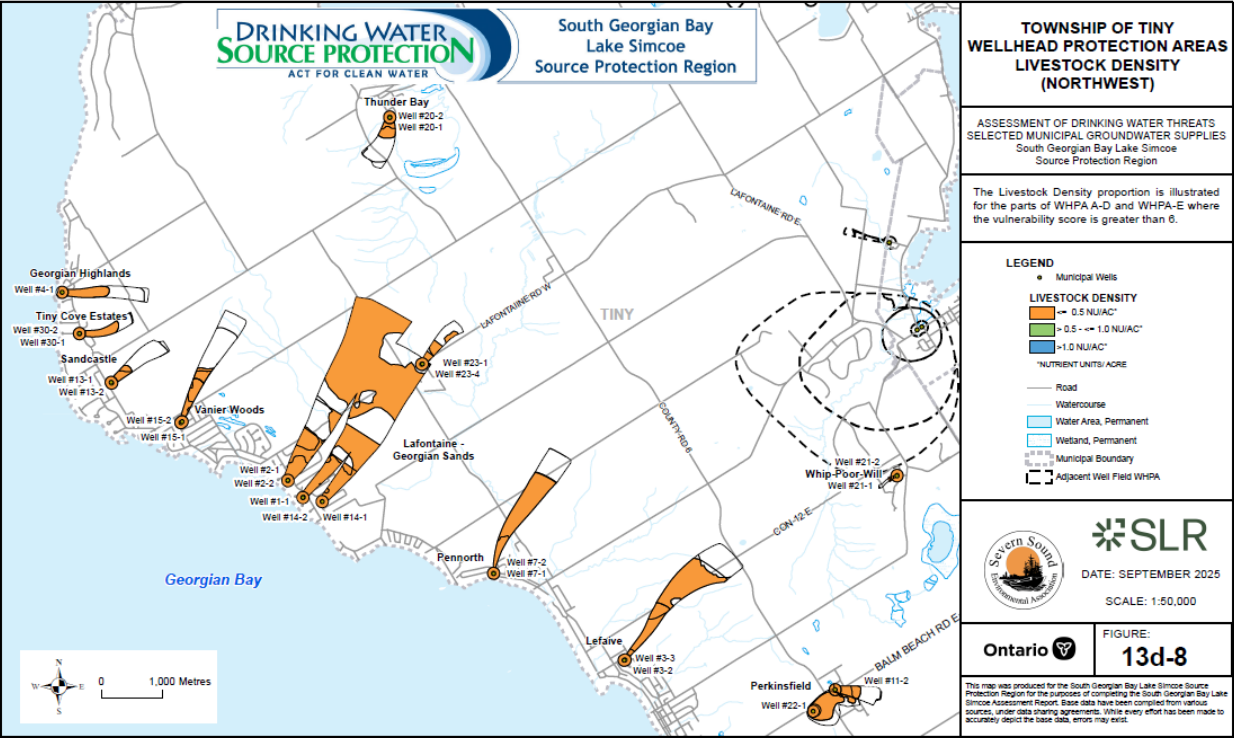
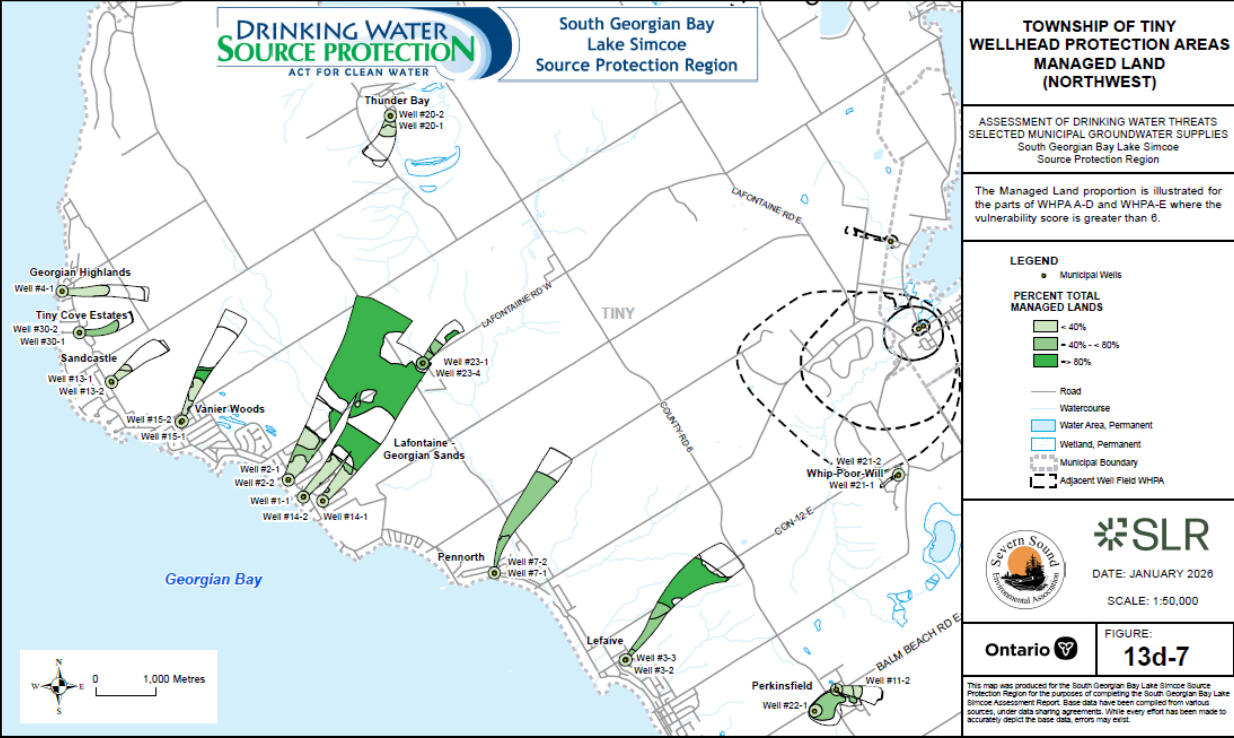
**Water**  
*is life.*  
**Protect**  
**Yours.**

# Background

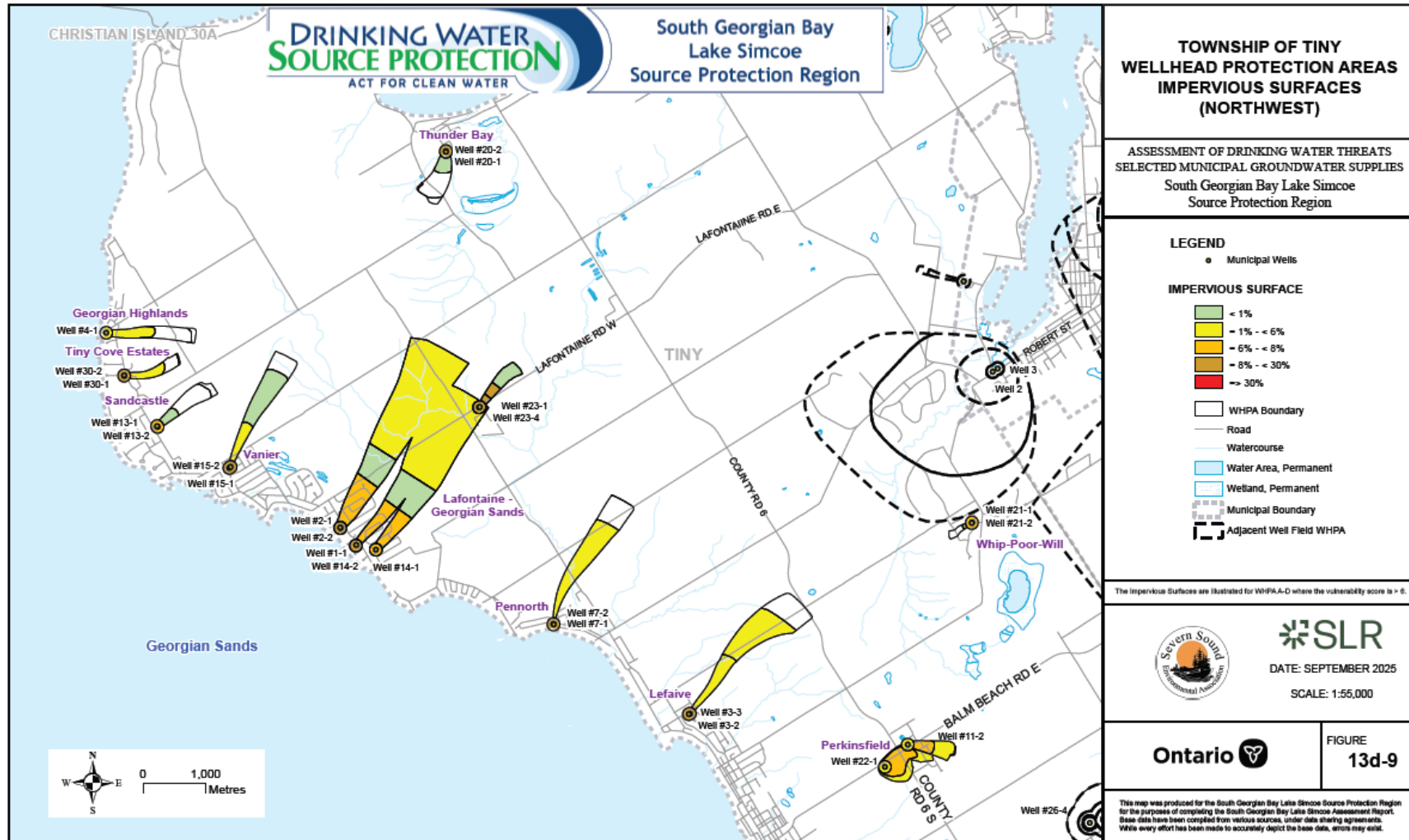
- System located in the Township of Tiny and in the Severn Sound watershed.
- Amendment being conducted using the 2021 Directors Technical Rules.
- Historically known as two systems, Lafontaine and Georgian Sands. System now operates as one with six wells. Georgian Sands Wells 1-1, 2-1, 2-2, 14-1 and Lafontaine Wells 23-1 and 23-4.
- Lafontaine is also and Issue Contributing Area for Nitrates
- Well 14-2 was drilled as a replacement well for Well 1-1 due to aging infrastructure.



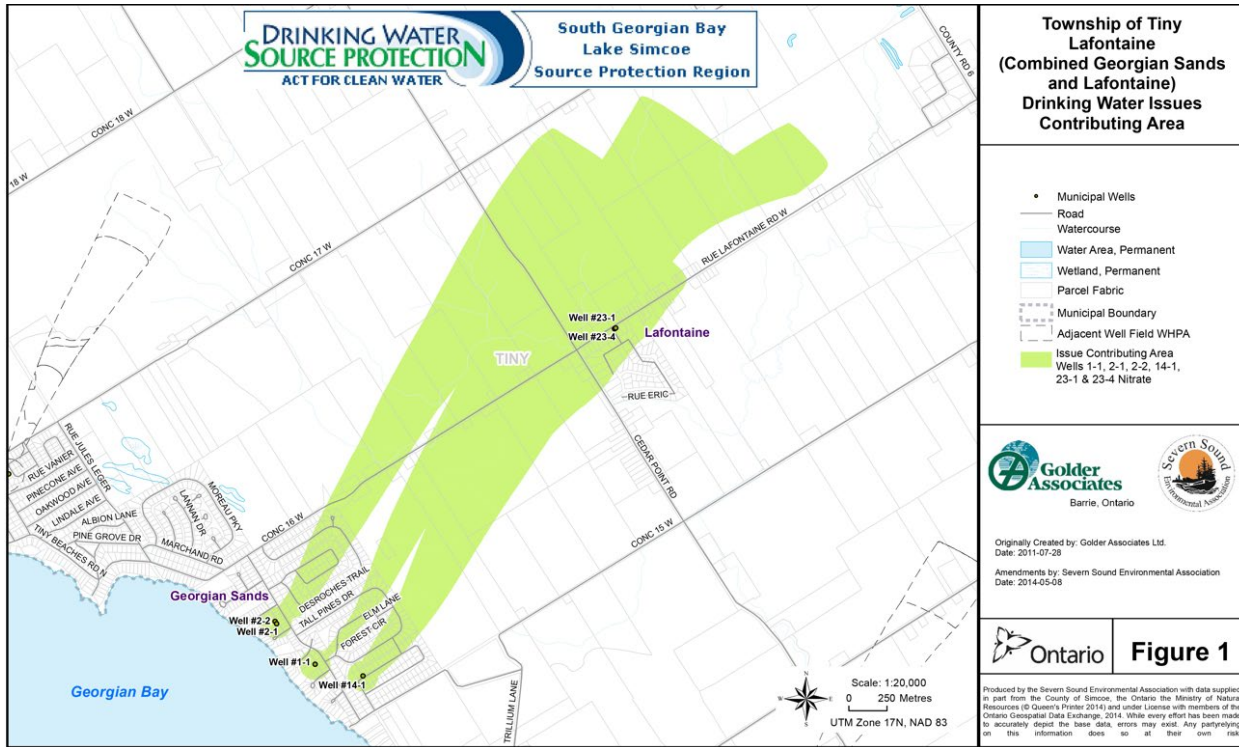
# Managed Lands and Livestock Density



# Impervious Surfaces

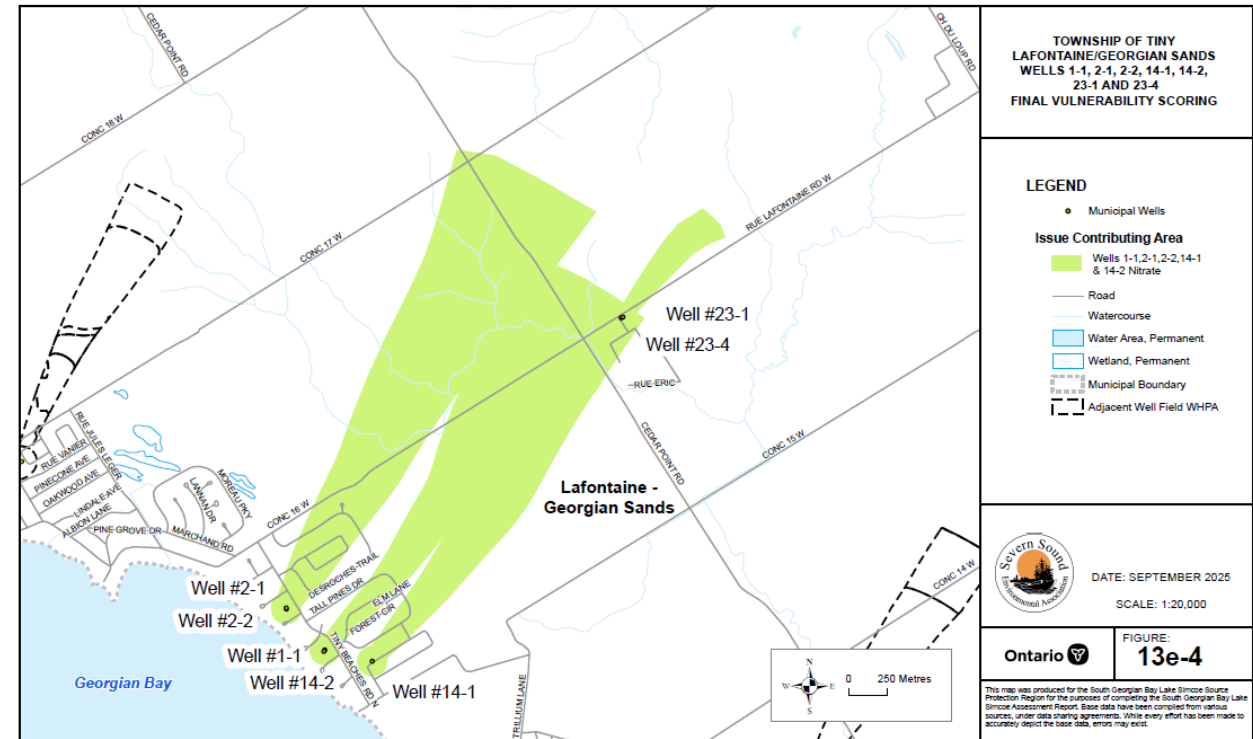


# Threat Assessment and Source Protection Plan Implications



2015 Approved Wellhead Protection Area

## 2026 Proposed Wellhead Protection Area

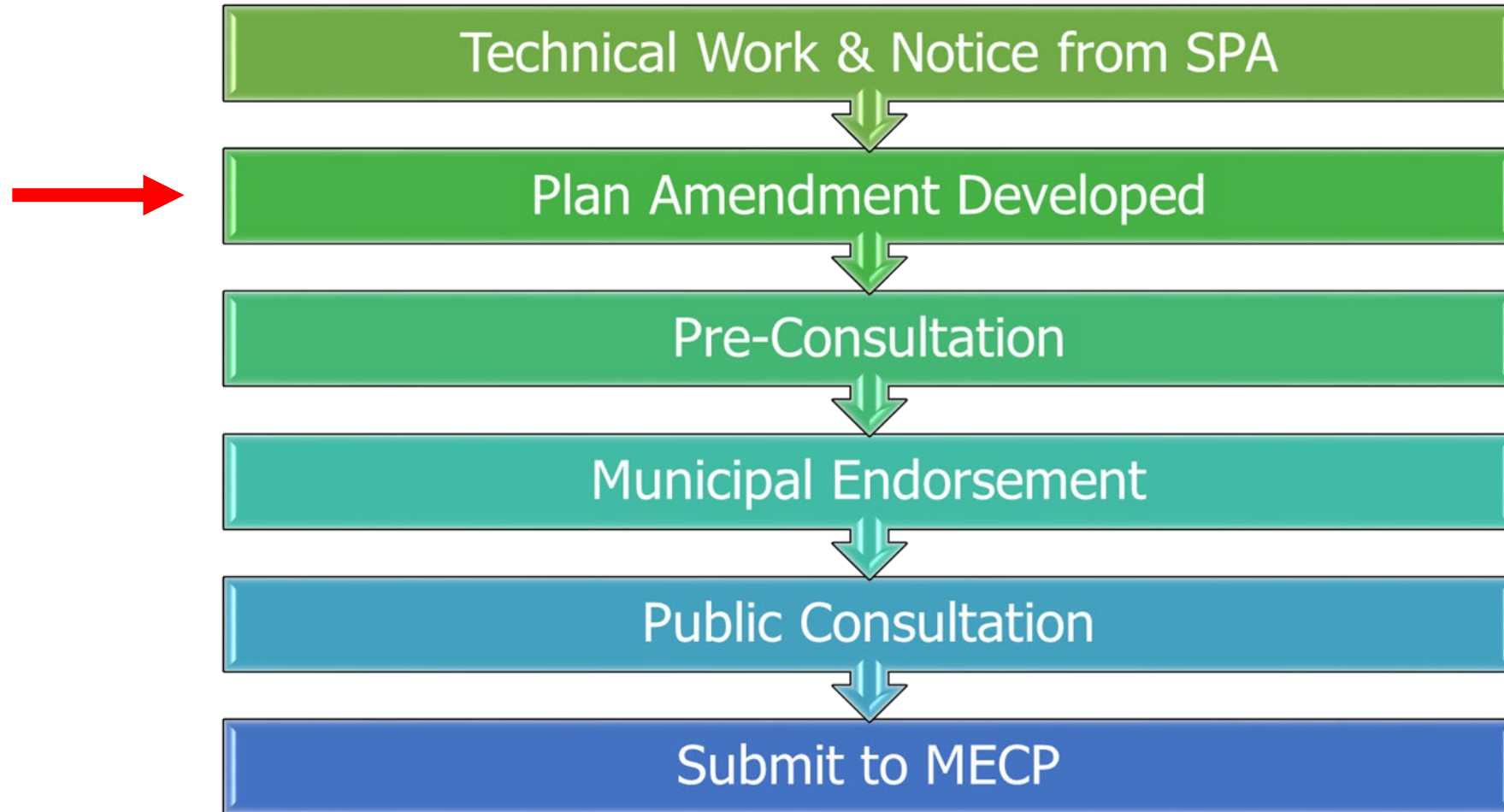


# Threat Assessment and Source Protection Plan Implications

Threat Number	Threat	2015 SPP		Existing 2015 WHPA w 2025 data		Proposed changed 2025 WHPA	
		Significant Threat Counts - Number of Threats (GS + LA)	Significant Threat Counts - Number of Parcels (GS + LA)	Significant Threat Counts - Number of Threats	Significant Threat Counts - Number of Parcels	Significant Threat Counts - Number of Threats	Significant Threat Counts - Number of Parcels
1	waste	0	0	0	0	0	0
2	sewage	242	242	259	259	289	289
3	ASM app	7	7	0	0	0	0
4	ASM storage	1	1	0	0	0	0
5	Aquaculture	0	0	0	0	0	0
6	NASM app	0	0	0	0	0	0
7	NASM Storage	1	1	0	0	0	0
8	Fertilizer app	157	157	273	273	287	287
9	Fertilizer storage	1	1	0	0	0	0
10	Pesticide app	0	0	0	0	0	0
11	Pesticide storage	0	0	0	0	0	0
12	Road salt app	0	0	0	0	0	0
13	Road salt storage	0	0	0	0	0	0
14	Snow storage	0	0	0	0	0	0
15	Fuel	3	3	1	1	1	1
16	DNAPLs	1	1	1	1	1	1
17	Organic solvent	1	1	1	1	1	1
18	De-icing	0	0	0	0	0	0
21	Livestock	1	1	1	1	1	1
22	Pipeline	0	0	0	0	0	0
<b>total</b>		<b>415</b>	<b>415</b>	<b>536</b>	<b>536</b>	<b>580</b>	<b>580</b>

- Anticipated 30 on-site sewage and 14 fertilizer application new significant drinking water threats to be created.
- Current Source Protection Plan has multiple policies related to these threats.
- Not anticipated any policies changes are needed.

# Next Steps in S.34 Process



# Anticipated Timelines in S.34 Process

- Early engagement with the Ministry of the Environment, Conservation and Parks:
  - April/May 2026
- Section 48(1.1) b Notice of Amendments to Source Protection Plan, following Ministry comments
- Source Protection Committee meeting:
  - June 11, 2026
- Pre-Consultation with affected agencies (i.e., County of Simcoe, Township of Tiny, Ministry, Ontario Ministry of Agriculture, Food and Agribusiness, etc.):
  - June/July 2026
- Municipal Endorsement: County of Simcoe, Township of Tiny
  - August/September 2026
- Public Consultation
  - October/November 2026
- Wrap up and submission to the Ministry of the Environment, Conservation and Parks, for approval
  - December 2026

# Thank you!

**Water**  
*is life.*  
**Protect**  
**Yours.**



**Melissa Carruthers**  
Manager Source Water Protection, RMO/RMI  
Severn Sound Environmental Association  
705-534-7283, ext. 205  
[mcarruthers@severnsound.ca](mailto:mcarruthers@severnsound.ca)



**Water** *is life.* **Protect** **Yours.**