

# **Delegation of Risk Management Services for Drinking Water Source Protection Proposal 2021 - 2023**

by Ausable Bayfield Conservation Authority

## **Clean Water Act, 2006**

- 1. Assessment Reports identified drinking water threats**
- 2. Local Source Protection Comm. make Source Protection Plans**
- 3. Plans contain policies to reduce risk to municipal water supply**
  - Education and Outreach
  - Risk Management Plans
  - Prohibition
- 4. Municipalities responsible for implementing 'Part IV' policies**
  - Section 57 – Ensure prohibition of certain activities
  - Section 58 – Negotiate and enforce Risk Management Plans
  - Section 59 – Issue Restricted Land Use Notices for building permits and planning applications
  - Education and Outreach to property/business owners
  - Annual Reporting to province

## Education & Outreach

- Many properties have changed hands since 2015 and are unaware that they are in a vulnerable area of the municipal well
- High quality materials are available for municipalities to use in tax bill newsletters, websites or social media

## Implementation Delays

- With Covid-19 there were a few RMP (and some OP updates) that were not completed by April 1st.
- Extension granted by province until July 1, 2021.



# Municipalities have the Option to Delegate Part IV Authority to other Agencies

## 8 Municipalities have delegated Risk Management Services to ABCA (since 2015)

- ☐ ACW
- ☐ Bluewater
- ☐ Central Huron
- ☐ Huron East
- ☐ Huron-Kinloss
- ☐ Morris-Turnberry
- ☐ North Huron
- ☐ North Perth

## Services Provided by ABCA

- ❖ Trained Risk Management Officials / Inspectors with experience in the field
- ❖ Restricted Land Use Screening for threat activities and s.59 Notices
- ❖ Risk Management Plans (RMP) – negotiation, updating and inspection
- ❖ Monitoring for prohibition
- ❖ E & O through RMPs, s.59 Notices and property verification
- ❖ SWP Information to real estate agents, crop advisors, consultants and lawyers, etc.
- ❖ Assisting/training municipal staff

# Impacts to Risk Management for Next Municipal Delegation Agreement

## ▶ Section 36 Source Protection Plan Review (5 year)

- ▶ Policy implementation challenges
- ▶ Update policies as necessary
- ▶ Add in any well changes

## ▶ Phase II Directors Technical Rules\*

- ▶ Changes to technical rules for Assessment Report
- ▶ Changes to threat circumstances for salt, snow, fuel and chemicals
- ▶ Posted on EBR for comments until Nov. 9, 2020
- ▶ Feeds into the s.36 SPP Review

\*Awaiting more clarification from Ministry of Environment Conservation and Parks



## Technical Rule changes and effect on municipal Risk Management Services

Threat	Proposed Change	Effect
Salt Application	From 80% impervious to 30%	Lucknow, Whitechurch and Ripley will have RMPs
Salt Storage	From 5000kg to 20 kg	RMPs depending on policy changes
Snow Storage	From 1ha to all snow	RMPs for parking lots and storage
Above Ground Fuel Storage	From 250L below grade and 2500L above grade to 250L anywhere	Above ground home heating or commercial fuel tanks now needs an RMP
DNAPLs	From max 25L to "List 1- Businesses most likely to find contamination"	Could drop retail DNAPL but pull in all service garages to a WHPA- C More info needed

The new rules will affect municipalities differently depending on:

- Amount of impervious surface
- Where snow storage is located
- Availability of gas lines vs fuel storage
- Amount of commercial/industrial areas vs residential in WHPAs

# Update - Risk Management Services

Number of Restricted Land Use notices and Risk Management Plans within each municipality, from April 2015 and September 10, 2020

**TABLE 1**

	Section 59 (RLU) Notices Issued						* Number Completed RMP	
Municipality	2015 - 2016	2017	2018	2019	Jan - Sep 2020	Sum S. 59 Notices	Jan -Sep 2020	Sum 2015 to 2020
Ashfield-Colborne-Wawanosh	5	5	1	3	4	18	1	10
Bluewater	11	6	3	3	7	30	0	11
Central Huron	9	13	7	5	7	41	1	13
Huron East	11	5	8	5	5	34	0	12
Huron-Kinloss	8	4	1	2	3	18	0	16
Morris-Turnberry	11	7	5	6	5	34	1	4
North Huron	9	6	4	16	4	39	0	15
North Perth	5	7	13	11	6	42	1	17
<b>Sum</b>					<b>41</b>	<b>256</b>	<b>4</b>	<b>98 *</b>

\*The new Technical Rules could mean as many RMPs needed as have already been done based on current EBR posting.

# 2021-2023 Service Proposal

- ▶ **2021 - Transition\* Year -**
  - ▶ Amended Technical Rules are revised and approved by the Minister by mid year
  - ▶ Source Protection Committee begins to revise local policies accordingly in response to new rules
- ▶ **2022 - Transition\* Year -**
  - ▶ SPC completes policy changes and s.36 Source Protection Plan Review submitted to province for approval

\*Includes regular services but less Risk Management Plan work
- ▶ **2023 - Implementation Year-**
  - ▶ Begin to implement new rule/policy changes with property owners through revised, new or voided RMPs
  - ▶ Regular services



Municipality	# of wells	Complexity (# wells, % land type, devlmt)	Fixed Program Costs (Yearly Cost)	"Transition Years" RMO service by complexity 2021 & 2022	% of Workload based on New Rules for 2023	RMO Services & Implementing New RMPs per New Rules 2023	Total Costs 2021	Total Cost 2022	Total Cost 2023	Total Costs 2021-2023
ACW	4	1	\$5,564.21	\$820.50	4	\$1,630.00	\$6,384.71	\$6,384.71	\$7,194.21	\$19,963.62
Bluewater	3	1	\$5,564.21	\$820.50	6	\$2,445.00	\$6,384.71	\$6,384.71	\$8,009.21	\$20,778.62
Central Huron	8	2	\$5,564.21	\$1,641.00	12	\$4,890.00	\$7,205.21	\$7,205.21	\$10,454.21	\$24,864.62
Huron East	4	2	\$5,564.21	\$1,641.00	12	\$4,890.00	\$7,205.21	\$7,205.21	\$10,454.21	\$24,864.62
Huron - Kinloss	9	2	\$5,564.21	\$1,641.00	19	\$7,742.50	\$7,205.21	\$7,205.21	\$13,306.71	\$27,717.12
Morris Turnberry	2	2	\$5,564.21	\$1,641.00	5	\$2,037.50	\$7,205.21	\$7,205.21	\$7,601.71	\$22,012.12
North Huron	4	2	\$5,564.21	\$1,641.00	16	\$6,520.00	\$7,205.21	\$7,205.21	\$12,084.21	\$26,494.62
North Perth	7	2	\$5,564.21	\$1,641.00	26	\$10,595.00	\$7,205.21	\$7,205.21	\$16,159.21	\$30,569.62
Total	41	14	\$44,513.64	\$11,487.00	100	\$40,750.00	\$56,000.64	\$56,000.64	\$85,263.64	\$197,264.92

**Costing assumes that all municipalities agree to sign onto the delegation agreement.**

**If not, new figures can be provided.**

<b>Municipality</b>	<b>Total Costs 2021-2023</b>	<b>2017-2020 Three year total</b>
ACW	\$19,963.62	\$29,499.76
Bluewater	\$20,778.62	\$31,828.33
Central Huron	\$24,864.62	\$36,485.47
Huron East	\$24,864.62	\$30,664.04
Huron - Kinloss	\$27,717.12	\$41,142.62
Morris Turnberry	\$22,012.12	\$23,678.33
North Huron	\$26,494.62	\$29,499.76
North Perth	\$30,569.62	\$32,992.62
<b>Total</b>	<b>\$197,264.92</b>	<b>\$255,790.92</b>