



Corporate Development Committee Report

To: To the Chair and Members of the Corporate Development Committee
From: Ruchika Angrish, Senior Planner
Date: March 13, 2017
Subject: CD-17-24– Implementation of Source Protection Plan
Purpose: For information

Recommendation

That Report No. CD-17-xxxxx be received for information.

Key Strategic Priority

2. To ensure our infrastructure and capital assets are well managed, maintained and improved
3. To ensure our community is healthy, safe and progressive

Financial Considerations

The Ministry of Environment and Climate Change (MOECC) has provided funding to select rural municipalities through the Source Protection Municipal Implementation Fund (SPMIF). The County of Brant received \$45,000 and additional \$5,000 for collaboration with City of Brantford on policy harmonization.

Furthermore, additional monies were included in the 2016 and 2017 Budget for implementation of the approved Source Protection Plan. The implementation of the plan is a legal requirement under the Clean Water Act.

Background

On December 15, 2015, Council awarded RFP-1-15 to Cambium Inc. to perform the Risk Management Officer/Risk Management Inspector work required under Clean Water Act. The consultants have been working on an Education and Outreach (E&O) program in accordance with the MOECC guidelines and Grand River Source Protection Plan (GRSPP) policies.

Report

The E&O program prepared by Cambium aims at increasing public awareness of the sources of municipal drinking water and the importance of protecting the source, promoting best management practices for specific threat activities within the vulnerable areas of municipal drinking water systems and meeting Source Protection Plan policy requirements for significant drinking water threats.

Road signs placed along County roads where they cross into vulnerable areas are an E&O tool to inform the general public about these important features and provide spill reporting information. The Ontario Ministry of Transportation (MTO) has developed a standardized road sign and is encouraging all municipalities to use the same sign to help develop consistent recognition of these signs across the province. MTO is in the process of installing signs on provincial roads and plans to complete installation by 2018. MTO sign placement includes locations where roadways cross a vulnerable area where a significant drinking water threat is possible: WHPA with a vulnerability of 10, an IPZ with a score of 8+, or an ICA.

The signs for County of Brant have been prepared in conformity with the MTO standards. A copy of the location of sign placements as provided by the Risk Management Officer has been attached to this report. The signs will be installed in spring-summer this year.

Interdepartmental Considerations

None.

Attachments

1. Location of signs to be placed

Copy to

Heather Boyd, Clerk / Manager of Council Services

Rob, Trotter, Director of Planning

Alex Davison, Director of Water

Brandon Hassan, Senior Policy Planner

Andrea Hicks, RMO/RMI

File # Source Protection Plan Implementation

In adopting this report, is a bylaw or agreement required?

By-law required (No)

Agreement(s) or other documents to be signed by Mayor and /or Clerk (No)

Is the necessary by-law or agreement being sent concurrently to Council? (No)



Soure Water Protection Signage - St. George (Map)

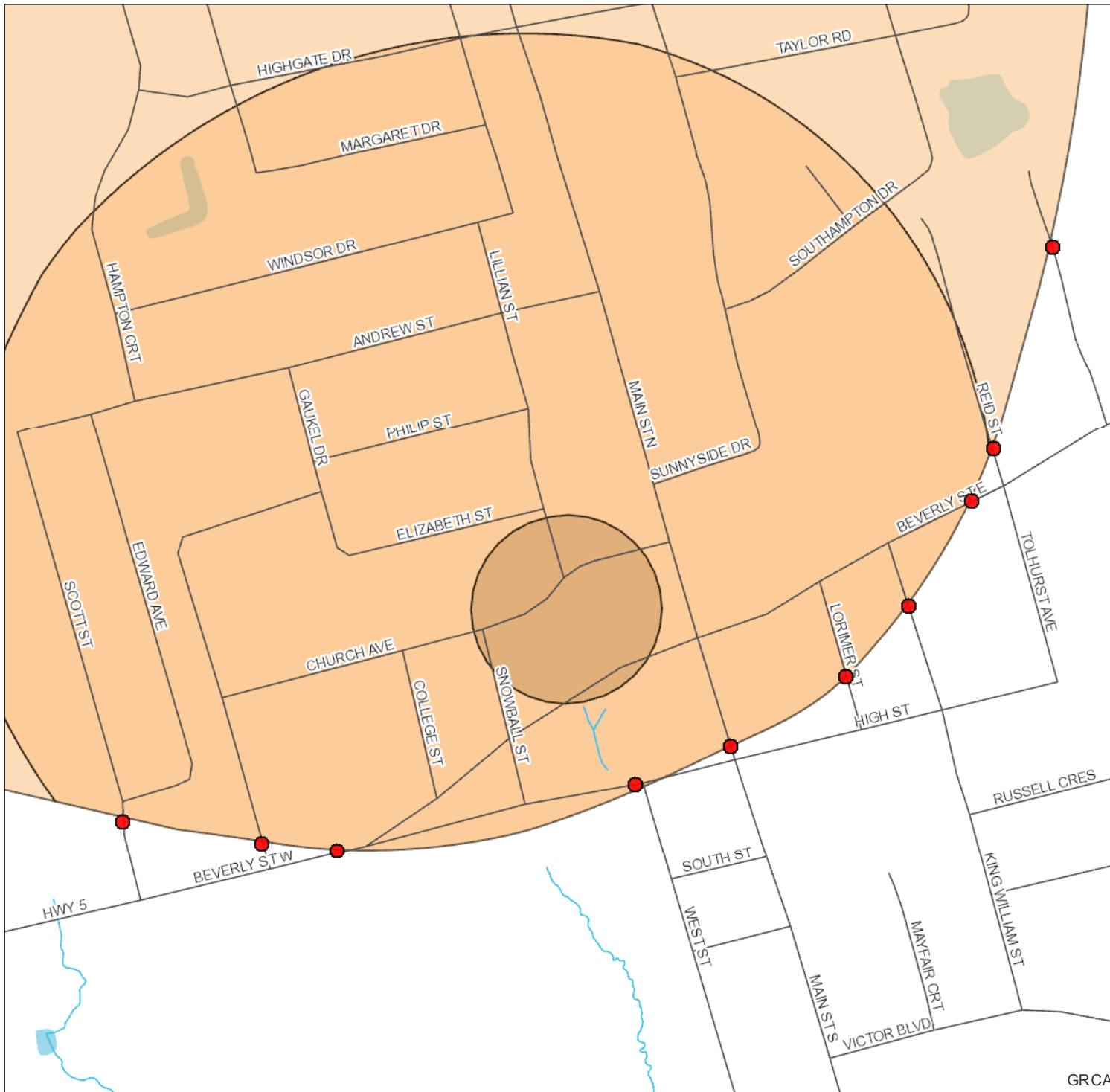
Red dots indicate suggested locations of Source Water Protection signage.

Legend

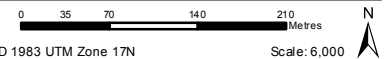
- Municipal Boundary (GRCA)
- Watercourse - Local (GRCA)

WHPA-Wellhead Protection Area (GRCA)

- WHPA-A
- WHPA-B
- WHPA-C
- WHPA-D
- Park - Local (GRCA)
- Waterbody - Local (GRCA)



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Source Water Protection Signage - St. George (Map)

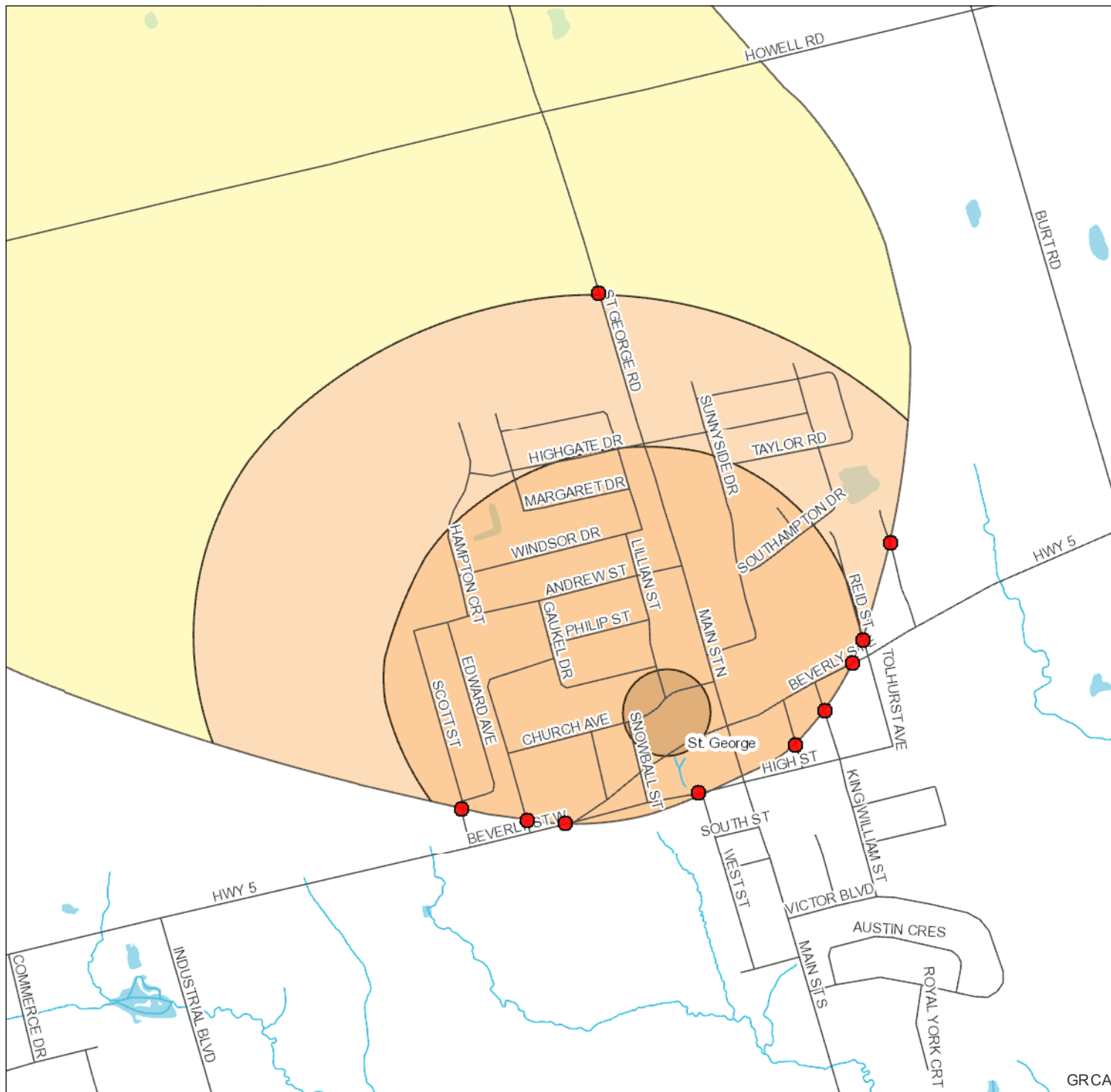
Red dots indicate suggested location of Source Water Protection signage.

Legend

- Municipal Boundary (GRCA)
- Watercourse - Local (GRCA)

WHPA-Wellhead Protection Area (GRCA)

- WHPA-A
- WHPA-B
- WHPA-C
- WHPA-D
- Park - Local (GRCA)
- Waterbody - Local (GRCA)
- Great Lakes - Local (GRCA)



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Soure Water Protection Signage - Paris (Map B)

Red dots indicate suggested locations of Source Water Protection signage.

Legend

Municipal Boundary (GRCA)

Watercourse - Local (GRCA)

WHPA-Wellhead Protection Area (GRCA)

WHPA-A

WHPA-B

WHPA-C

WHPA-D

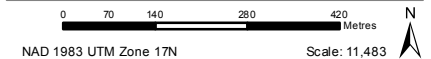
Park - Local (GRCA)

Waterbody - Local (GRCA)

Great Lakes - Local (GRCA)



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Soure Water Protection Signage - Paris (Map A)

Red dots indicate suggested locations of Source Water Protection signage.

Legend

□ Municipal Boundary (GRCA)

— Watercourse - Local (GRCA)

WHPA-Wellhead Protection Area (GRCA)

■ WHPA-A

■ WHPA-B

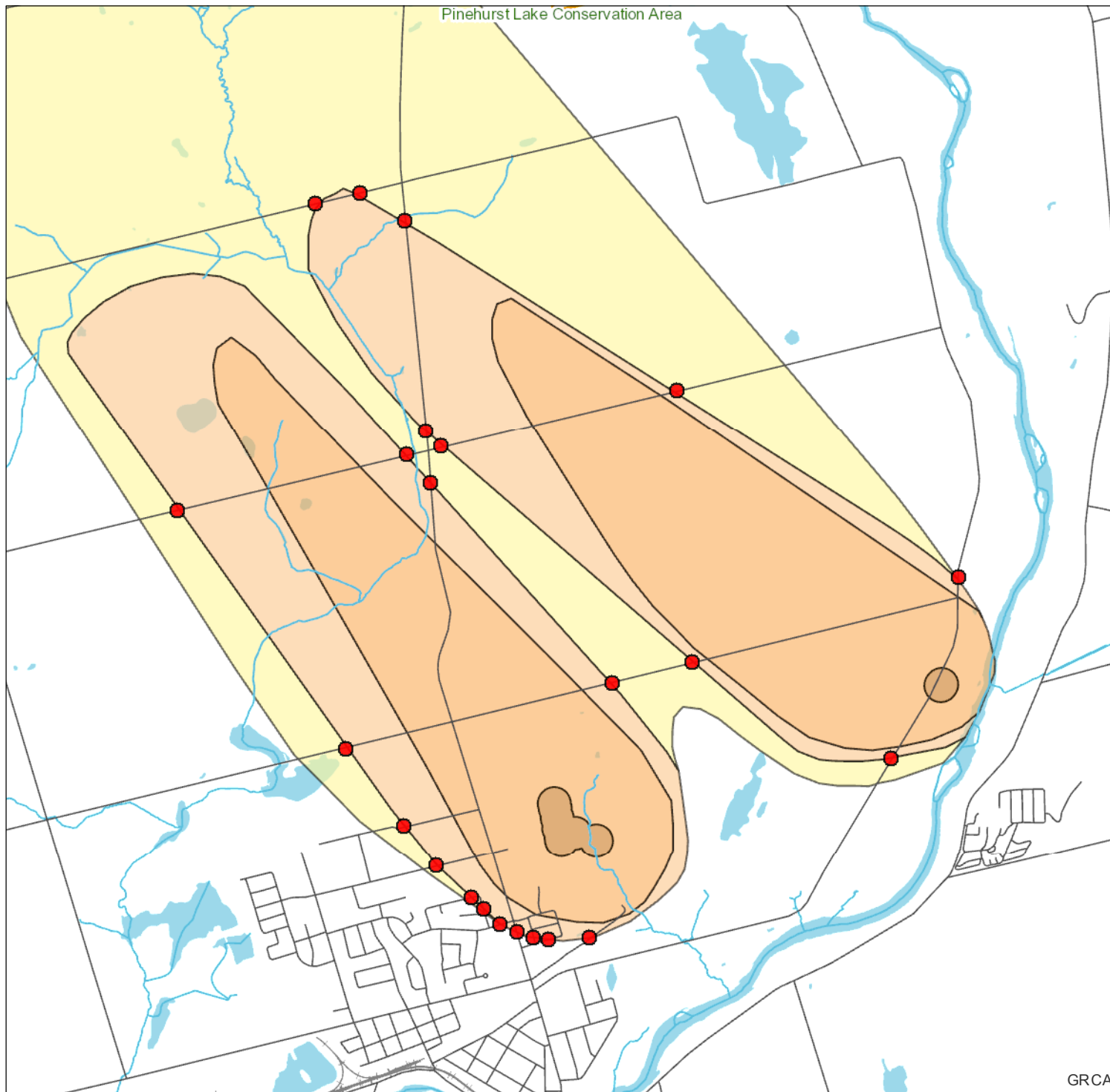
■ WHPA-C

■ WHPA-D

□ Park - Local (GRCA)

■ Waterbody - Local (GRCA)

■ Great Lakes - Local (GRCA)



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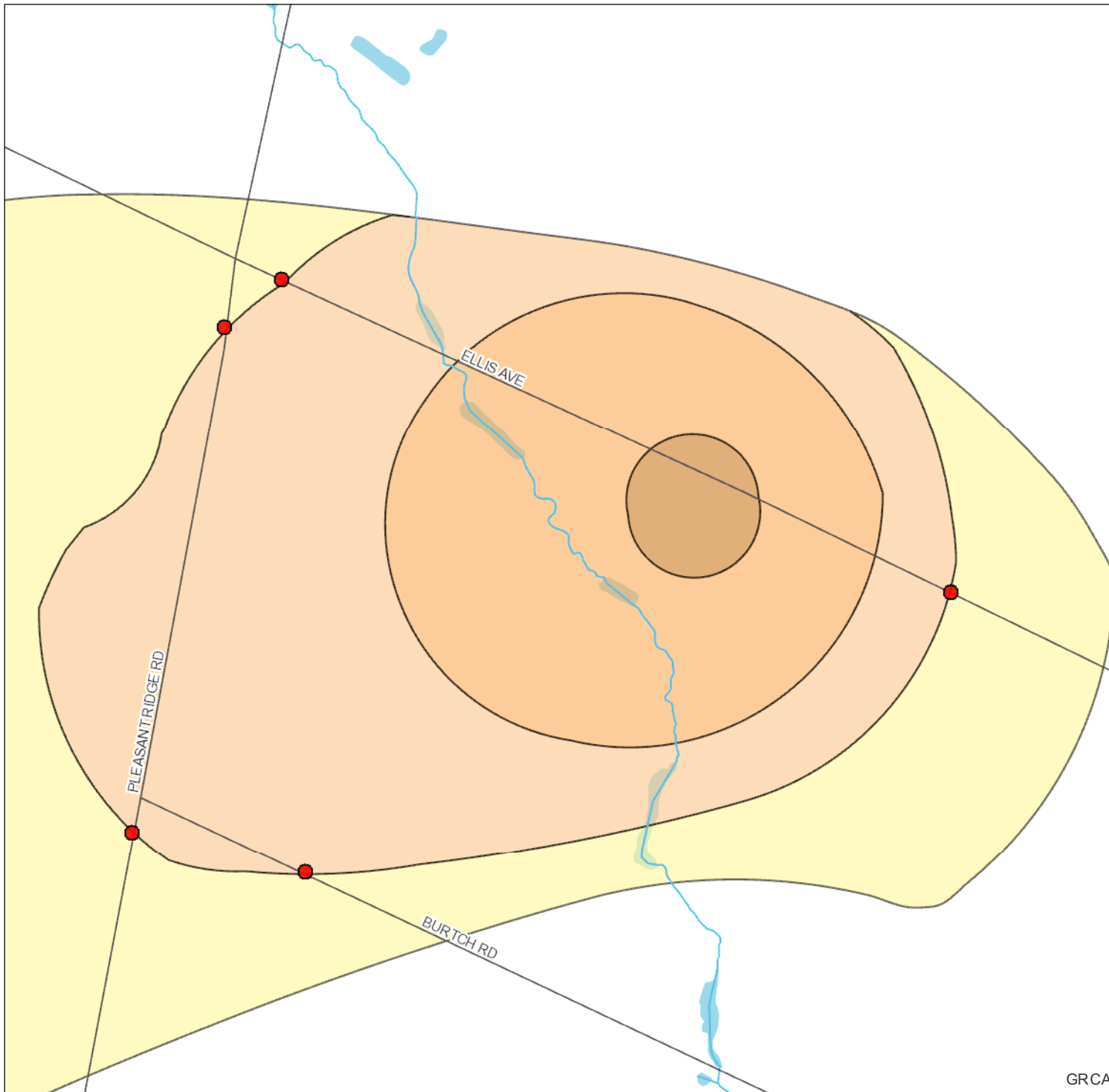


Soure Water Protection Signage - Mount Pleasant

Red dots indicate suggested locations of Source Water Protection signage.

Legend

-  Municipal Boundary (GRCA)
-  Watercourse - Local (GRCA)
- WHPA-Wellhead Protection Area (GRCA)**
 -  WHPA-A
 -  WHPA-B
 -  WHPA-C
 -  WHPA-D
-  Park - Local (GRCA)
-  Waterbody - Local (GRCA)



GRCA

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Soure Water Protection Signage - Bethel Rd.

Red dots indicate suggested locations of Source
Water Protection signage.

Legend

Municipal Boundary (GRCA)

Watercourse - Local (GRCA)

WHPA-Wellhead Protection Area (GRCA)

WHPA-A

WHPA-B

WHPA-C

WHPA-D

Park - Local (GRCA)

Waterbody - Local (GRCA)

Great Lakes - Local (GRCA)



GRCA

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Soure Water Protection Signage - Airport

Red dots indicate suggested locations of Source
Water Protection signage.

Legend

Municipal Boundary (GRCA)

Watercourse - Local (GRCA)

WHPA-Wellhead Protection Area (GRCA)

WHPA-A

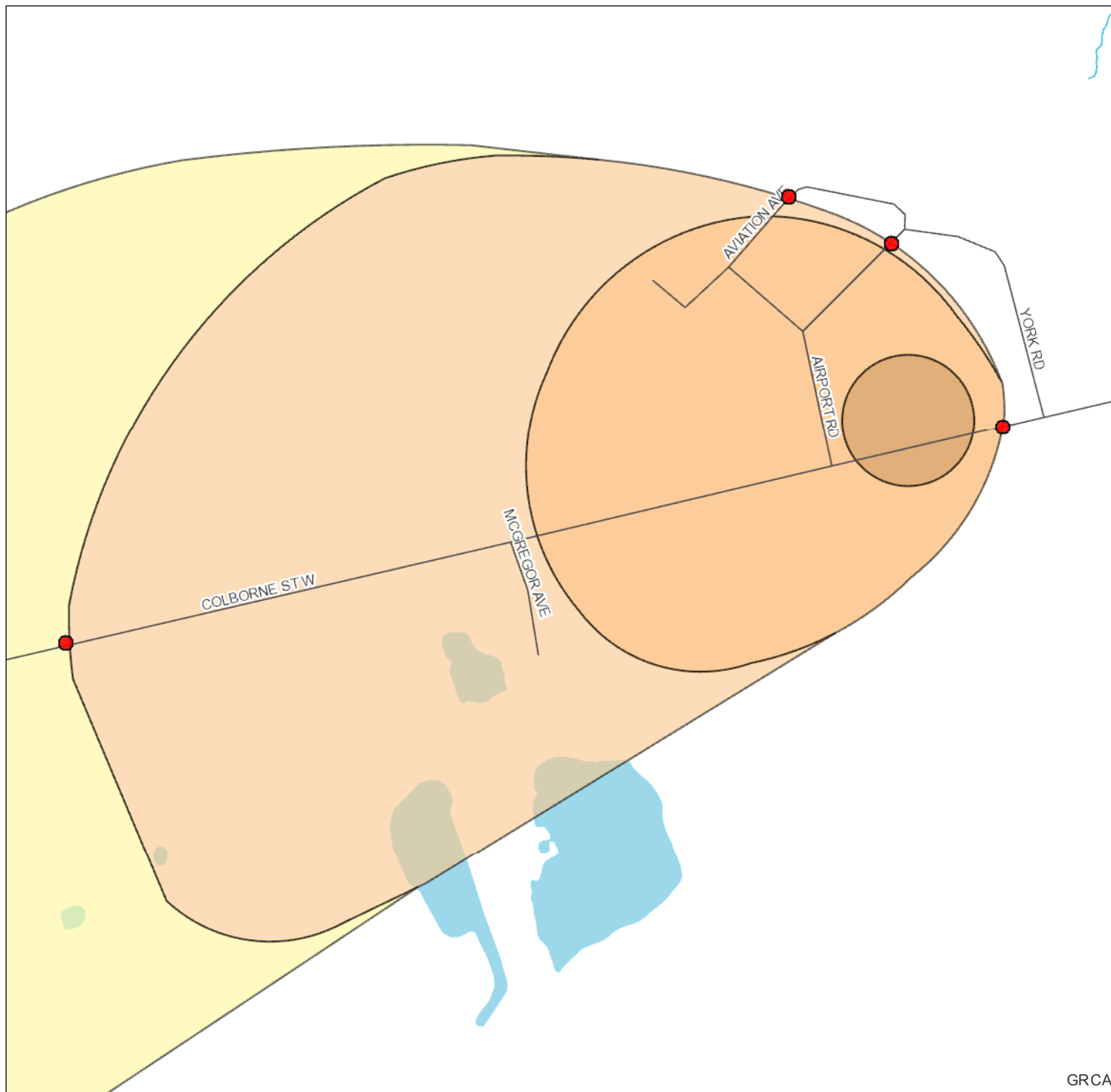
WHPA-B

WHPA-C

WHPA-D

Park - Local (GRCA)

Waterbody - Local (GRCA)



GRCA

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