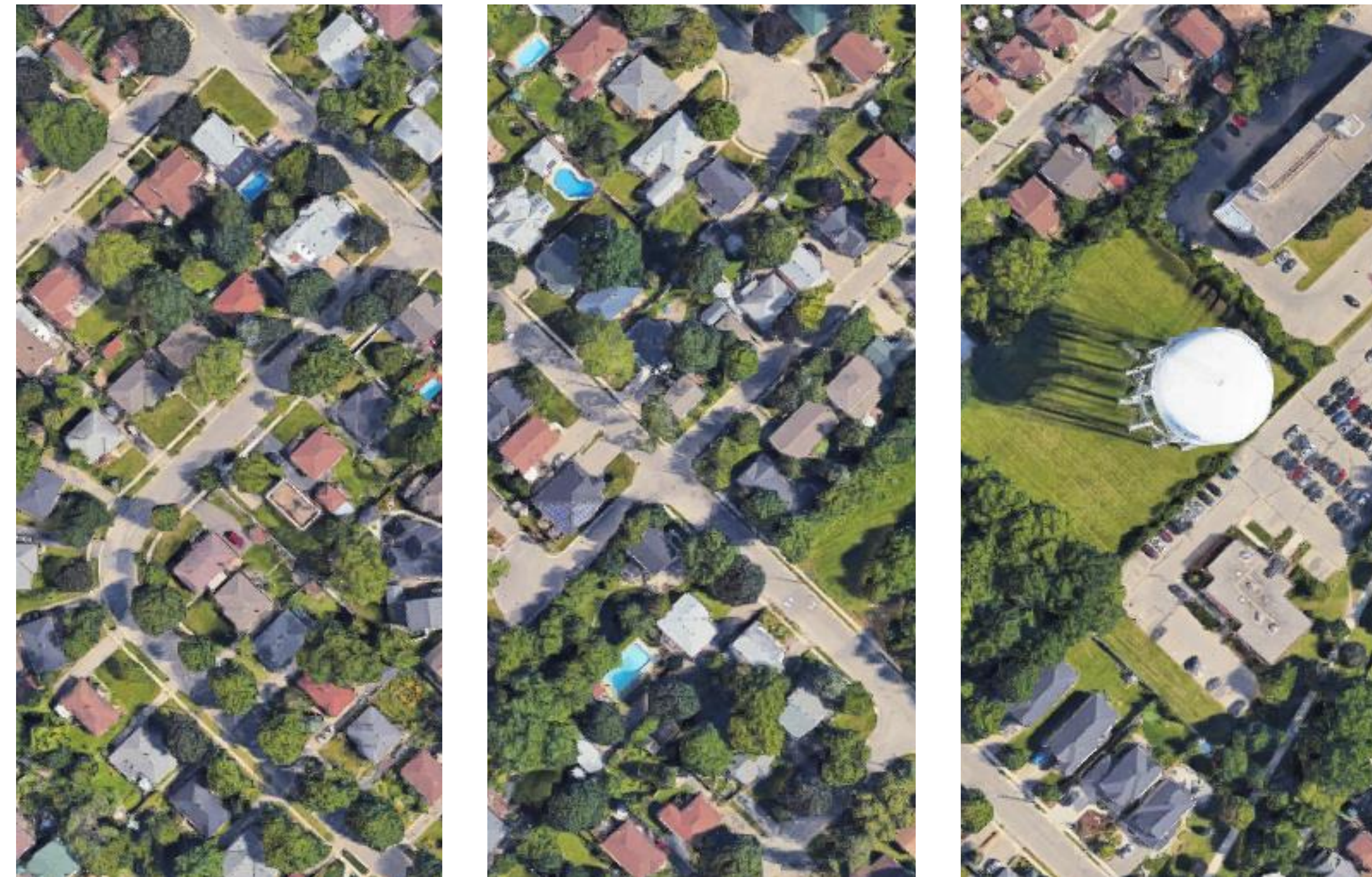


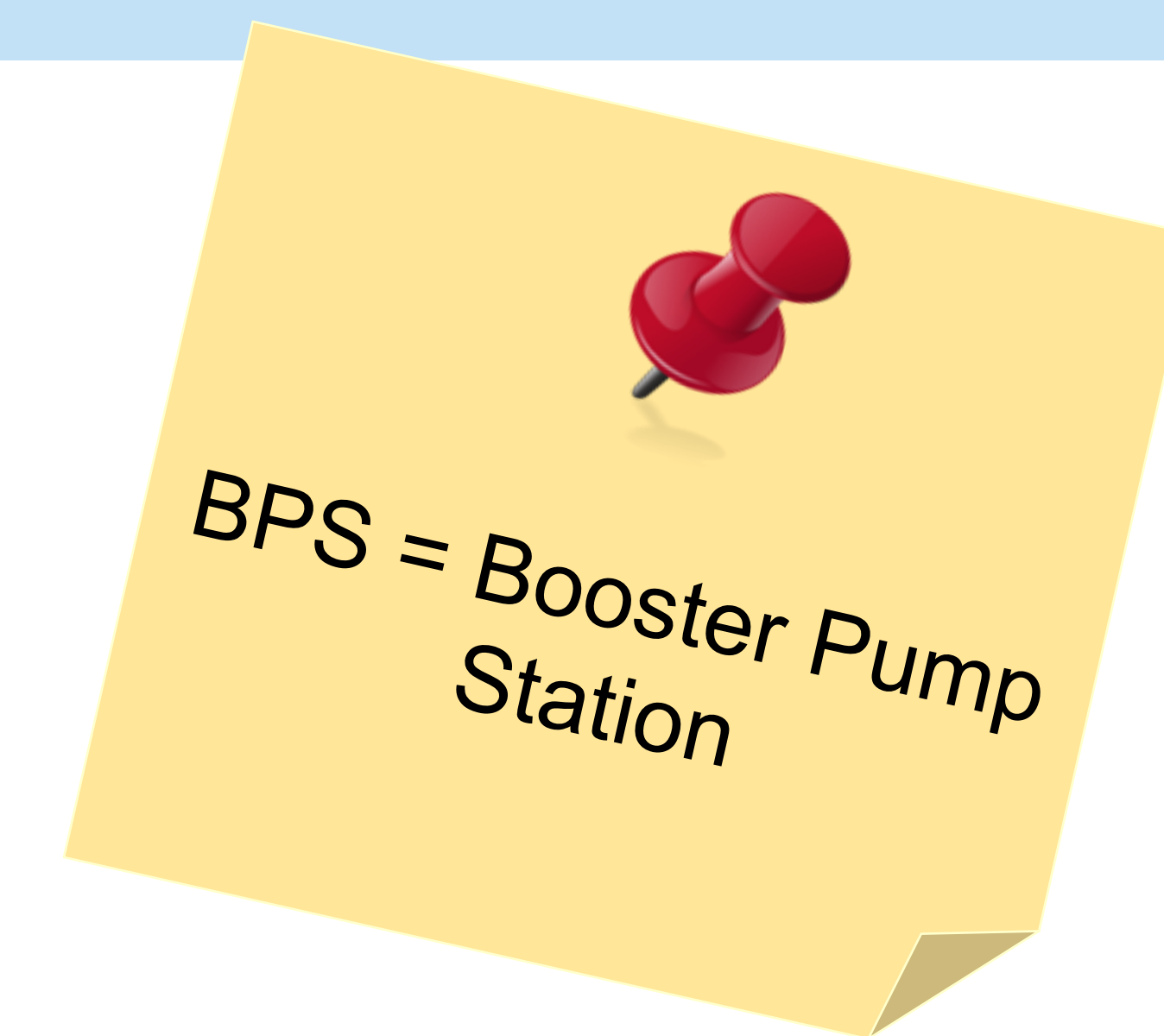
# Robertson Booster Pump Station Municipal Class Environmental Assessment City of Guelph Public Open House No. 1



**Wednesday, October 16, 2019 – 6:00 p.m. to 8:00 p.m.**  
Evergreen Seniors Community Centre

# Public Open House No.1

## Robertson Booster Pump Station – Environmental Assessment



### Purpose of the Public Open House

- ❖ The purpose of this Public Open House is to:
  - Identify key issues and community concerns early in the EA to allow for appropriate mitigation measures to be incorporated into the final design.
  - Ensure all feasible sites are identified within the study area.
  - Ensure evaluation criteria are complete.
  - Seek community stakeholder support and participation.

### How you can help

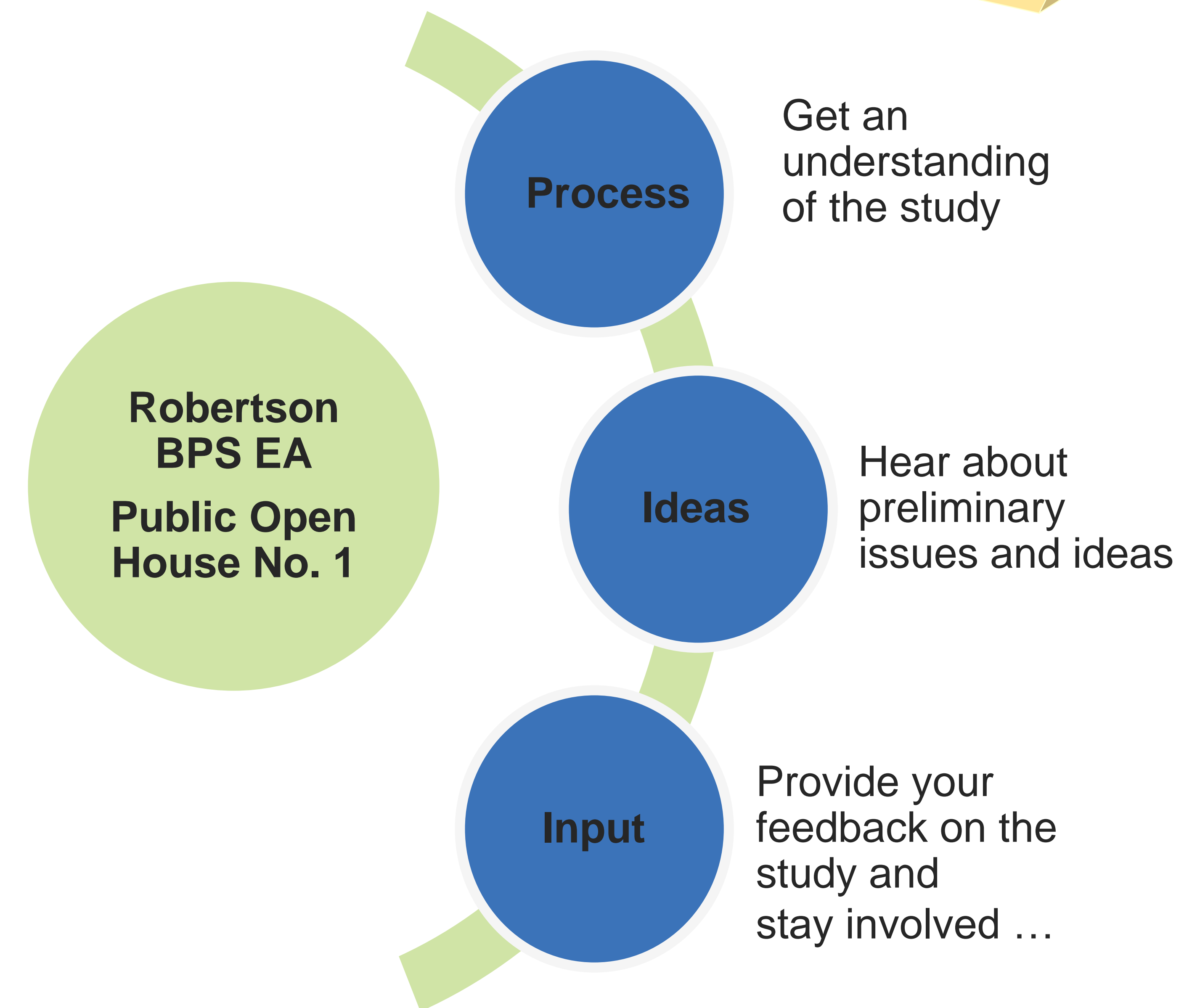
- ❖ Please note that the public has the opportunity to comment on the project and express input they may have.
- ❖ The received input will be taken into consideration as the project develops. Once the environmental assessment is complete and the Project File Report is filed, the project may proceed to construction.

Please sign in on the sheet provided.

Then feel free to walk around and view the displays.

A copy of the display boards are available at the following website:

[guelph.ca/robertson](http://guelph.ca/robertson)



# Study Area and Project Summary

## Study Context

- ❖ The City of Guelph's Water and Wastewater Servicing Master Plan (2008) and Engineering Studies have identified the need for a number of system upgrades including additional water sources, pump stations, storage, and watermains in the City.
- ❖ Upgrading the Robertson Booster Pump Station (BPS) was identified in the 2015 Zone 2 Implementation Plan (C3 Water, October 2015) as a high priority project in order to increase capacity and provide a more reliable water supply to Zone 2.
- ❖ Located at 14 Robertson Drive, the Robertson BPS is a central facility for supply of potable water from Zone 1 to Zone 2.
- ❖ Additionally, this study will review alternative locations for the reconstructed facility.

## Problem Statement

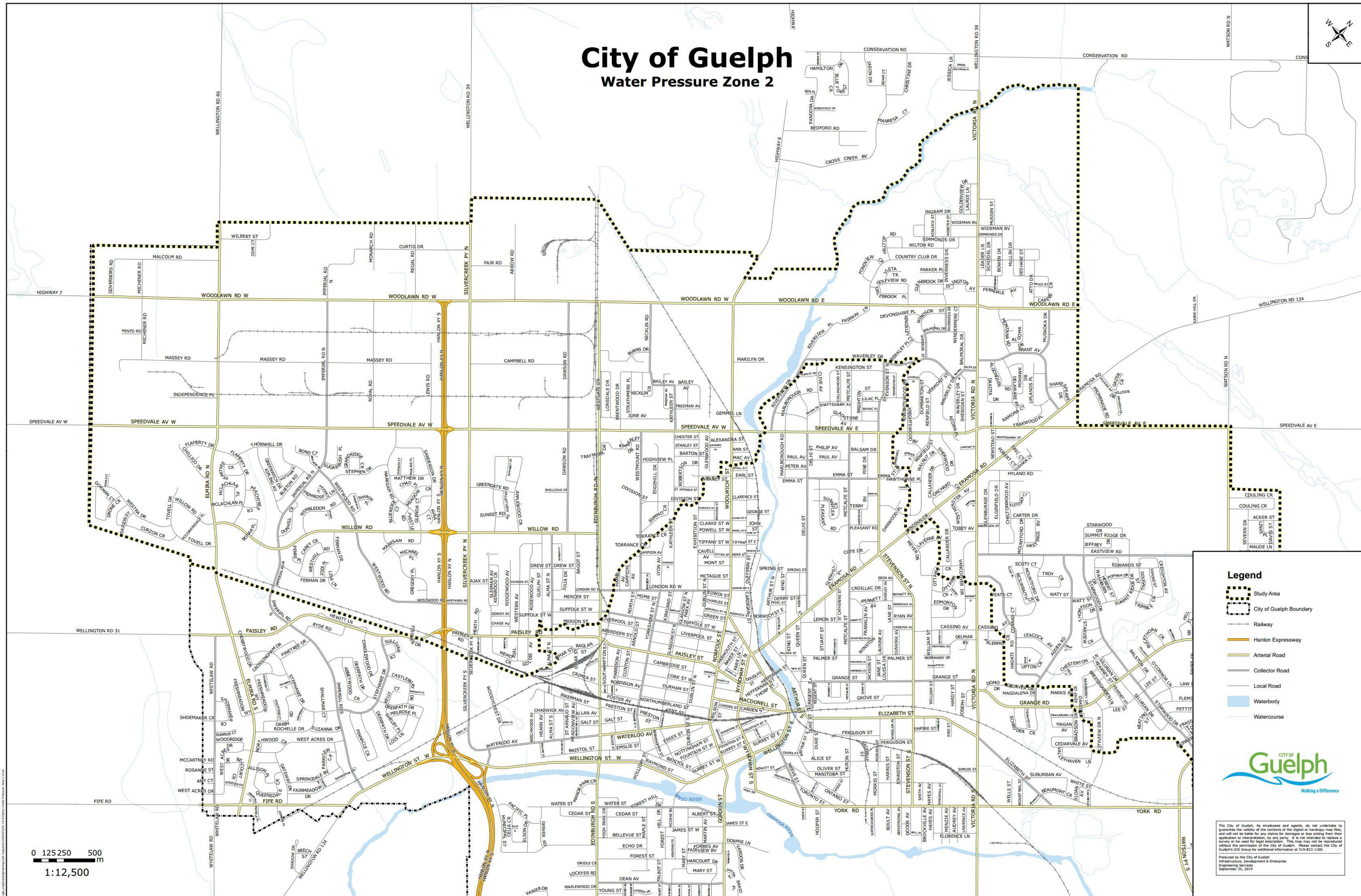
- ❖ The Robertson BPS is aging and requires upgrades to bring the equipment to current standards. The station also requires an increase in capacity to accommodate anticipated future demands.

## Opportunity Statement

- ❖ Through this study, the City will review the compatibility of the current facility with future needs and current design standards, while also reviewing opportunities to improve operational efficiencies and reduce risk to the water distribution system. Alternative locations for the reconstructed facility will be reviewed under this study.

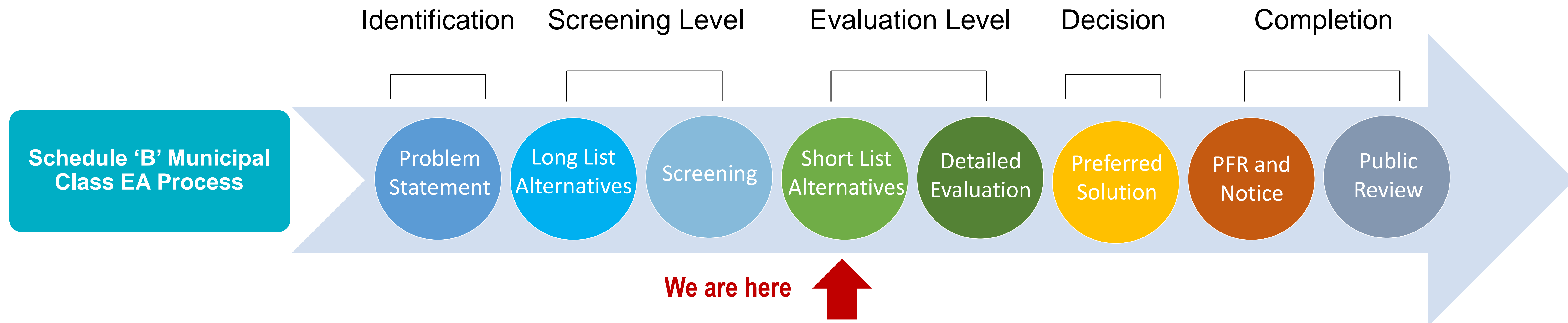


# Zone 2 Map

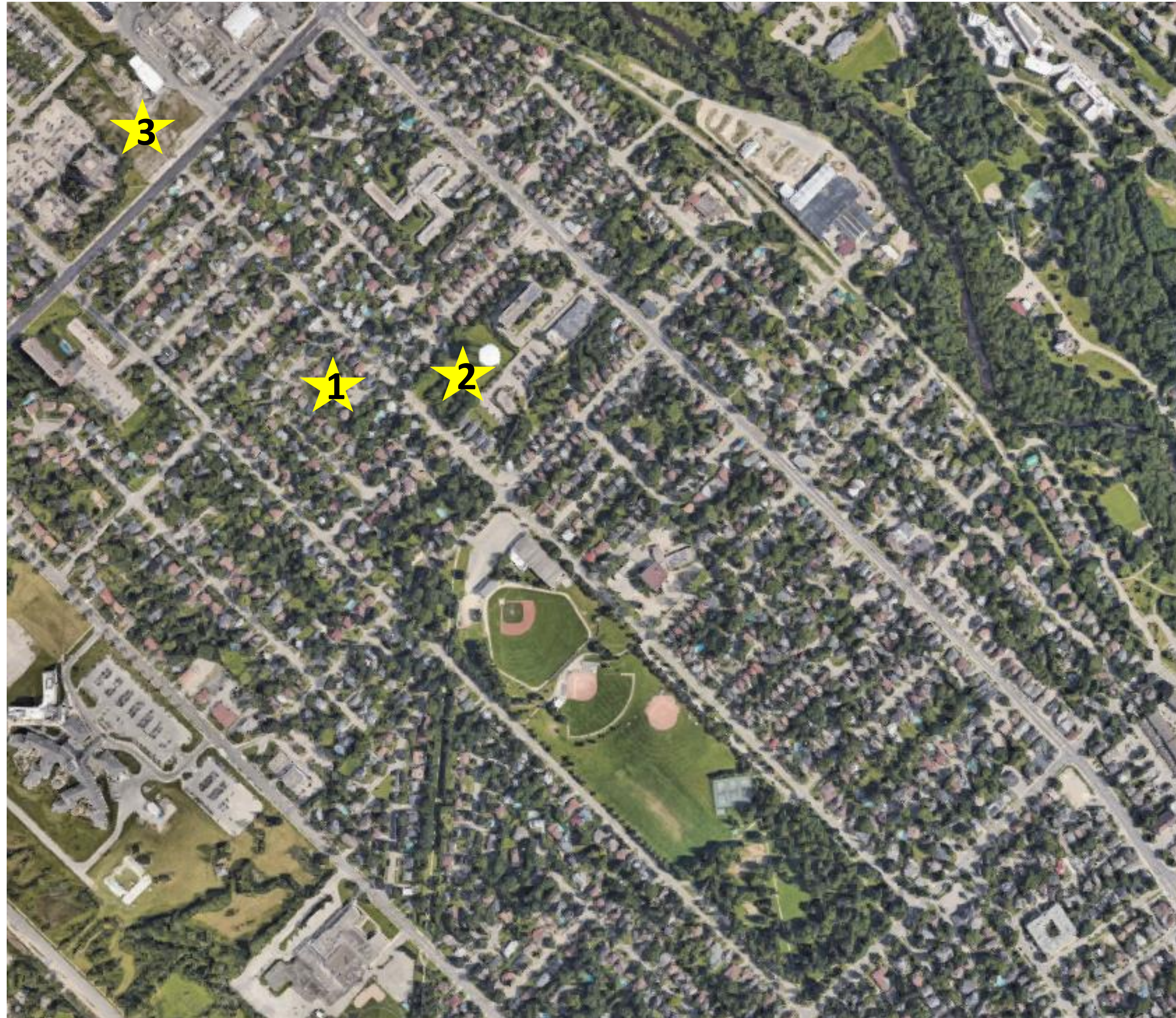


# Evaluation Process Framework

- Screening Level:** Screening criteria are applied to a long list of alternatives to eliminate alternatives that are impractical or did not meet project requirements.
- Evaluation Level:** The remaining short-listed alternatives are evaluated based on a set of criteria.
- Decision:** Preferred solution is selected based on results of detailed evaluation supplemented with agency and public consultation.
- Completion:** The Notice of Completion is issued and the Project File Report (PFR) is submitted to the public record. After a public review period the file is approved to proceed for further review.



# Short List of Alternative Locations



1. 14 Robertson Drive  
Existing Robertson  
BPS Site



2. 36 Verney Street  
Existing Verney  
Water Tower Site



3. 43 Speedvale Avenue  
Vacant Land Privately  
Owned



# Results of Screening-Level Site Evaluation



Site Identification	Screening-Level Evaluation	Result
Existing Robertson BPS	City-owned property, property size may not be large enough for Robertson BPS upgrades (approx. 14m x 31m), facility would have to be taken out of service for several months during construction, disturbance to neighbouring residents during construction, close to large watermains and pressure zone boundary.	Carried forward as Alt 1
Verney Water Tower	City owned, size is large enough (approx. 74m x 65m), already has City water tower on property for several decades, located close to large watermains and pressure zone boundary.	Carried forward as Alt 2
43 Speedvale Avenue W. (vacant)	Privately owned, size is large enough ( approx. 45m x 150m), zoned commercial, located on major road, adjacent to Gay Lea industrial facility, not located close to large watermains or pressure zone boundary.	Carried forward as Alt 3
Highview Park	City owned, space requirements would consume entire park, removal of parkland not favourable	Not carried forward
Exhibition Park - Northwest	City property, size is large enough, located close to pressure zone boundary, not located close to large watermains, several mature trees within this area of the park, removal of parkland not favourable.	Not carried forward
Exhibition Park - Central	City owned, size is large enough, removal of parkland not favourable	Not carried forward
CNR Spurline Park	City owned, may not be large enough area, changes the route of trail, removal of parkland not favourable	Not carried forward
George Street	City owned, may not be large enough area, not close to large watermains or pressure zone boundary	Not carried forward

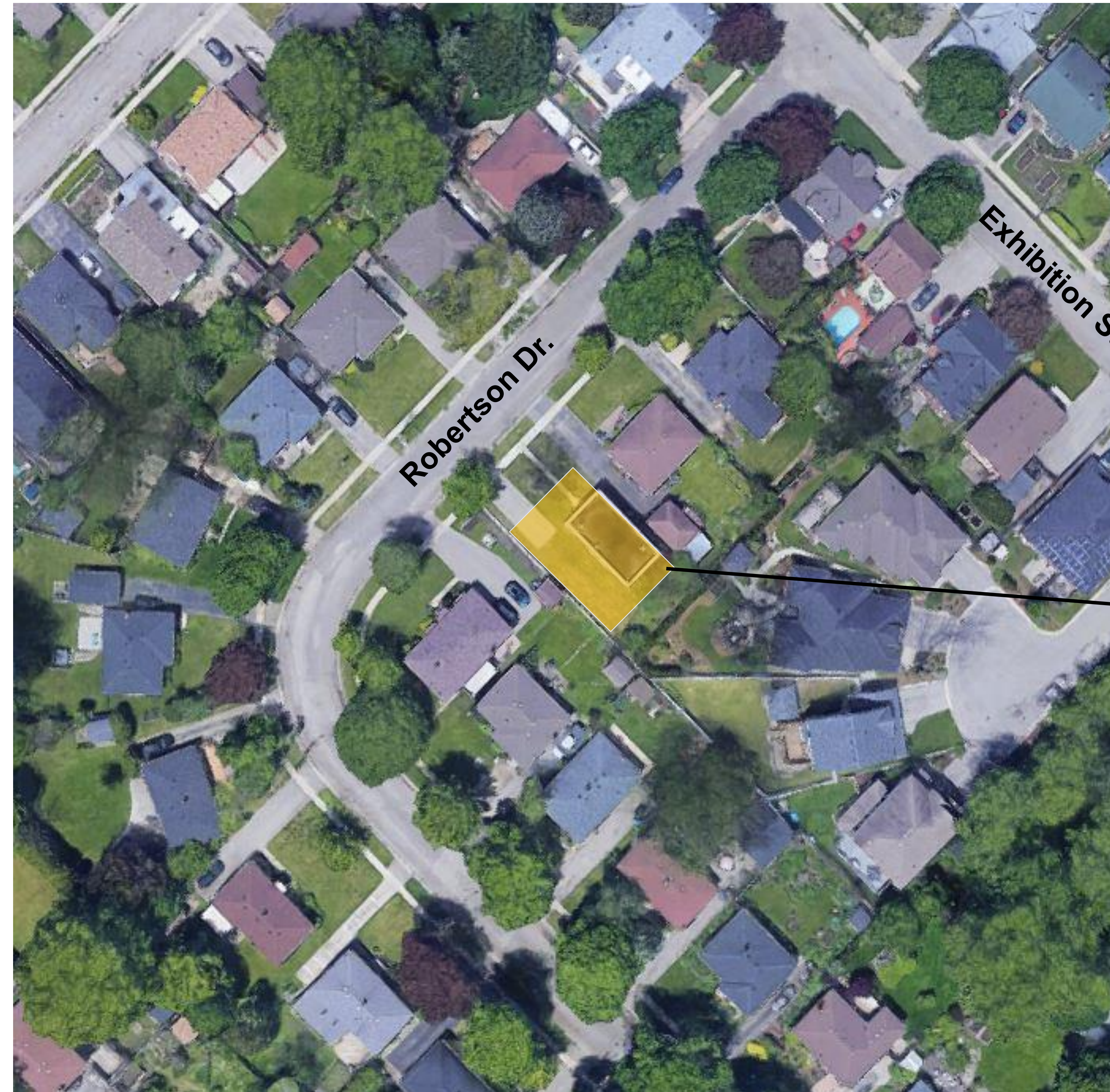
# Long List of Alternative Locations



1. ***Robertson BPS***
2. ***Verney Tower***
3. ***43 Speedvale Ave. W.***
4. Highview Park
5. Exhibition Park - Northwest
6. Exhibition Park - Central
7. CNR Spurline Park
8. George Street



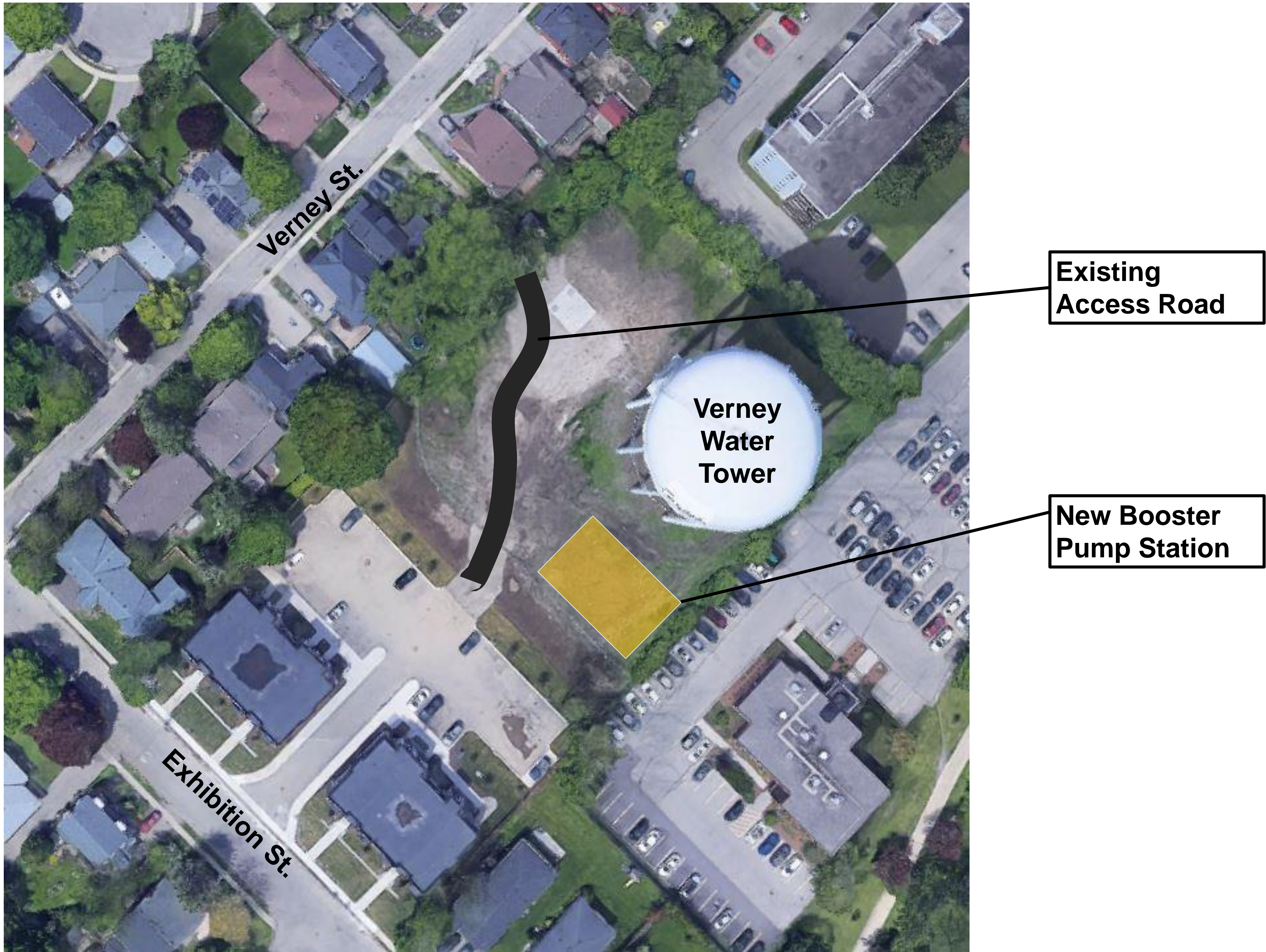
# Alternative 1: Reconstruction of Robertson BPS



Removal of existing and construction of a new building

\*Figure is not to scale

# Alternative 2: New BPS at Verney Tower



\*Figure is not to scale

# Alternative 3: New BPS at 43 Speedvale Ave. W.



Gay Lea Foods

New Booster Pump Station

\*Figure is not to scale

# Evaluation Criteria

## Site Requirements



- Adequate Developable Size
- Adequate site access
- Potential for Site Contamination
- Availability of site services (Road, Sanitary, Hydro, Communications, Gas)

## Social and Cultural Environment



- Construction Impacts
- Archaeological/Heritage Sites
- Quality of Life – Health and Safety
- Aesthetic Appearance/Landscaping
- Public Acceptance
- Noise

## Planning and Land Use



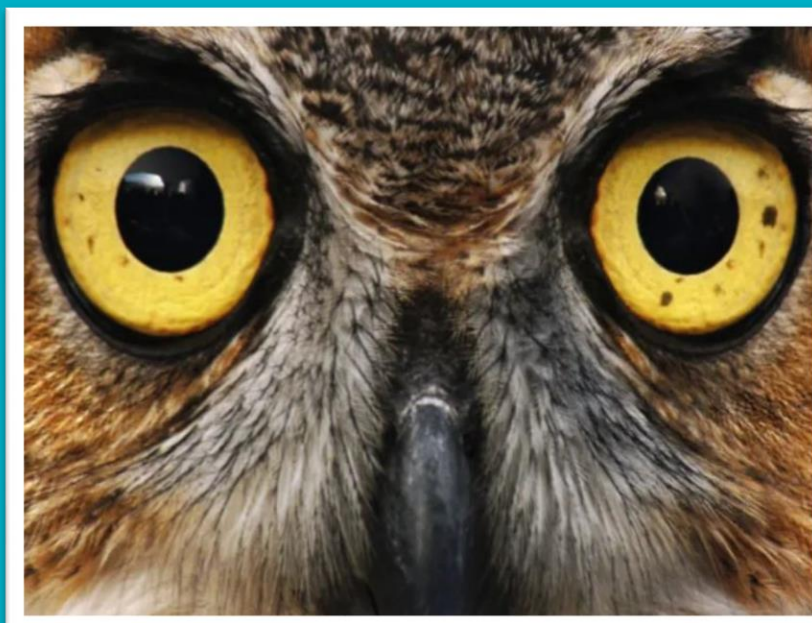
- Property ownership
- Compatibility with zoning, intent of Official plan, community plan and other planning policies, and good urban planning principles
- Compatibility with City Parks and Recreation Plans

## Technical Feasibility



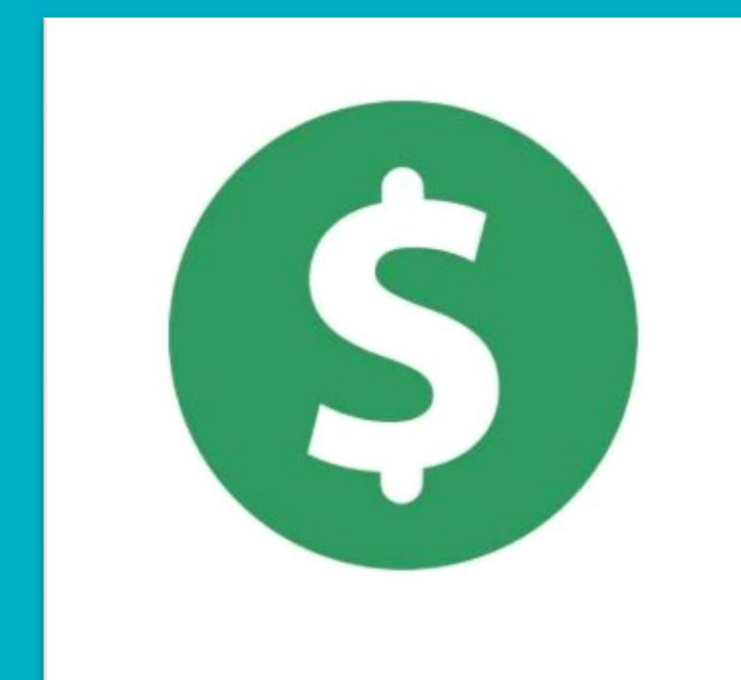
- Operations and Maintenance Complexity
- Proximity to large distribution mains
- Proximity to Pressure Zone 1/Zone 2 Boundary
- Potential for water supply impacts during construction
- Ease of Implementation

## Natural Environment



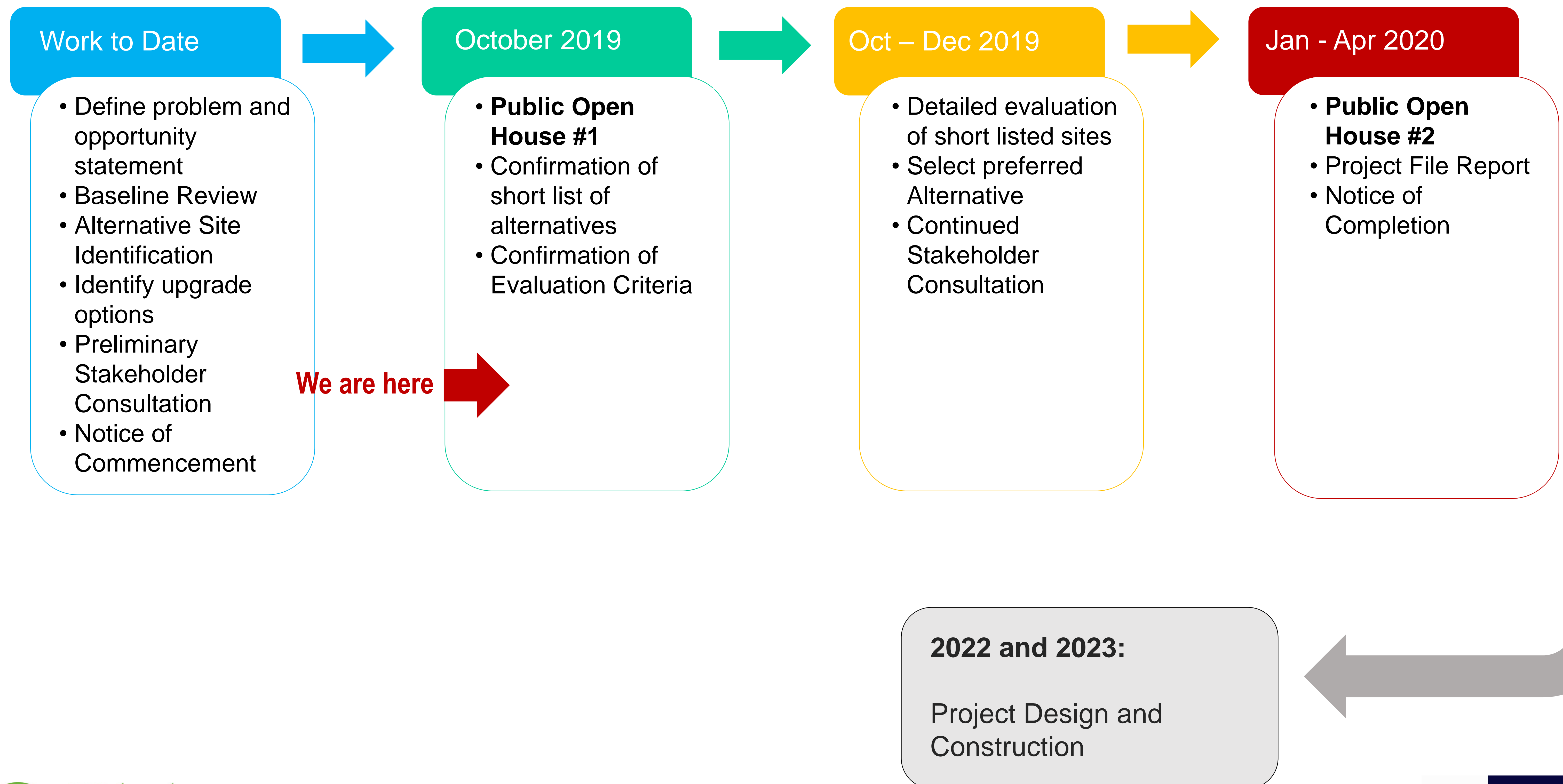
- Impact on natural environment such as woodlands, wildlife, terrestrial vegetation, groundwater, aquatic, air etc.
- Impact on Provincially Significant Wetlands (PSW), Significant Wildlife Habitats (SWH), Species at Risk (SAR)

## Economic Environment



- Lifecycle Cost (including design, construction, land acquisition, utilities, O&M cost, replacement cost)
- Annual Operating and Maintenance Costs
- Rate Impact/Budget Compatibility (Capital Cost)

# Project Timeline and Next Steps



# Moving Forward

## Now is the time to provide your input!

- ❖ These are the ways you can comment on the information presented:
  - Contact project team
  - Fill out the comment sheet

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Senior Project Manager, Partner  
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Tel: 519-824-8150 ext. 1231  
Email: [grant.parkinson@gmblueplan.ca](mailto:grant.parkinson@gmblueplan.ca)

Personal information, as defined by the Municipal Freedom of Information and Protection of Privacy Act (MFIPPA) is collected under the authority of the Municipal Act, 2001, and in accordance with the provisions of MFIPPA. Personal information on this form will be used for the purpose of stakeholder engagement and public input into facility upgrades and possible relocation of the Robertson Booster Pump Station. If you have questions about this collection; use, and disclosure of this information, contact the City of Guelph's Manager, Privacy and Records at 519-822-1260 extension 2605 or [jennifer.slater@guelph.ca](mailto:jennifer.slater@guelph.ca)

