

Kingston Biosolids & Biogas Master Plan

Public Information Centre Thursday, January 30, 2020 from 4 to 7 PM.

Name: _____

Contact address: _____

Contact email: _____

Kingston Resident or property owner: Yes / No

Group or other affiliation: _____

Utilities Kingston ensures your privacy is protected at all times. It is important that you understand why we collect information about you and what we do with it

We are soliciting feedback from you about Kingston's Biosolids and Biogas Master Plan. Your comments will form part of our analysis of the options and will be included in the final public report. Comments will not be attributed to an individual nor an entity. We are requesting your email and address for the sole purpose of communicating updates and/or notifications directly with you on this project. Your email and address will not be shared nor otherwise used.

Please share any general comments on the information provided by Utilities Kingston and Tetra Tech?

Is there additional information that you would like to have seen?

What are your thoughts on the **financial information** presented?

What weight should the analysis put on costs?
(1 being highest to 5 being lowest) _____

What are your thoughts on the proposed and potential **timelines** presented?

The proposed locations for digesters and biogas production.

circle
Rank

- Ravensview Wastewater Treatment Plant 1 2 3 4
- Cataraqui Bay Wastewater Treatment Plant 1 2 3 4
- Third brownfield site such as Knox Farm 1 2 3 4
- Another site at _____ 1 2 3 4

After reviewing the site information on the displays and the next page please rank the locations from 1 - most preferred to 4 - least preferred.

Comments on Location:

What weight should the analysis put on site location (1 - highest to 5 - lowest) _____

Cataraqui Bay WWTP is located at 409 Front Road by Sand Bay in Kingston and is a Biological Aerated Filter (BAF) advanced secondary treatment facility servicing the west end of the City of Kingston. The plant was constructed in 1962 and upgrades began in 2016 and targeted for completion by 2021.

Ravensview WWTP is located at 947 County Rd #2, east of Fort Henry, in Kingston is a Biological Aerated Filter (BAF) advanced secondary treatment facility servicing the central and east end of the City of Kingston. The plant was originally built in 1957 and has been recently upgraded between 2006 and 2009.

Knox Farm, a brownfield site, is located west of Perth Road (CR 10) just north of highway 401. The City of Kingston already owns this site, an Environmental Assessment has been completed in 2001 and an Environmental Compliance Approval as a Waste Transfer Facility is already in place from the Cataraqui River Crossing project.

Please rank the following **end uses for the biogas**: (1 most preferred to 4 least preferred)

circle
Rank

- Electrical generation 1 2 3 4
- Heating purposes 1 2 3 4
- Purifying for pipeline injection as renewable natural gas (RNG) 1 2 3 4
- Vehicle fuel 1 2 3 4
- Other options (specify) 1 2 3 4

Comments?

Addition of organics to produce more biogas.

- Include feed/organic to enhance
- Obtain material from existing company
- Construct facilities to receive and prepare organics for processing

What are your thoughts or comments?

Exploring options for managing biosolids. Currently biosolids are beneficially used as a nutrient rich soil amendment that are dewatered and land applied to farm fields in accordance with the Nutrient Management Act. The project will review long-term viability of this program, while considering options for further drying the material to create a fertilizer or other end uses.

What are your thought or comments?

Potential impacts of the proposed plant that need to be addressed through the design and engineering controls include:

- Noise
- Odour
- Traffic
- Other impacts (specify) _____

Comments?

What weight should the analysis put on each of these? (1 highest to 5 lowest)

Other Comments

As part of the third phase of the work on this project, Utilities Kingston is developing a Master Plan in accordance with Ontario's Environmental Assessment Act and Regulations, and the public's input will be considered and reflected in the final report with comments submitted by **February 14, 2020**.