



**Water and Waste Department • Service des eaux et des déchets**

**Notice to Bidders of the City of Winnipeg's Intent to Issue a Future Bid Solicitation  
for the North End Sewage Treatment Plant Upgrade - Information Only**

**NORTH END SEWAGE TREATMENT PLANT UPGRADE [NEWPCC]**

The North End Sewage Treatment Plant (NEWPCC) is the City of Winnipeg's largest sewage treatment plant at 302 MLD and provides approximately 70% of the City's sewage treatment, serving a population of 404,000. The City is in the process of upgrading plant technology to meet both requirements of a Manitoba Regulatory License, and to replace end-of-life equipment. Design will accommodate 2037 influent flows and loads with provisions for future expansion to 2067 population forecasts. The project also includes biosolids processing and wet weather flow treatment upgrades.

[Update: Progress continues on development of an Indicative Design, and creation of a Project Definition Report, which will form the basis for the City of Winnipeg's project requirements. A number of ancillary projects and activities are underway in anticipation of the Upgrade.](#)

This agreement will be Design-Build and will likely include;

- New Raw Sewage Pump Station
- New Grit, Screenings, and Building
- New High Rate Clarifier to provide wet weather capability
- New Biosolids Process, including Thermal Hydrolysis and Struvite Recovery
- Intermediate Pumping Facility
- Demolition of Existing Facilities
- Repurposing of Secondary Clarifiers
- New Secondary Clarifiers
- Upgrade UV Facility and Sampling Facility
- Pre-selection of Key Process Technologies

Anticipated Schedule

- [Site Tours April 2017 – Details to come](#)
- RFQ 2017
- RFP 2018
- Award 2019