

## Background

To replace the current DAF process with centrifuges to thicken the WAS before transferring the sludge to the anaerobic digesters.

## Project Scope

- Demolitions of WHR, Incineration & Chlorination Bldg.
- New TWAS Facility construction
- SITC of TWAS facility equipment
- Instrumentation, Control Panel and Programming.

## Project Demand

👉 Extensive coordination of work with Contractors, Engineers and Owners was needed to schedule and complete the project on time.

## Reason for Win!!

👉 Knowledge and in-house expertise of the City of Toronto PCS SCADA Standards.

### *Ashbridge's Bay Treatment Plant - WAS Thickening and South Substation Upgrades*

#### Scope of Valley Integration Inc., - Instrumentation + Control Panel + Programming

Valley Integration was responsible for,

- Supply, commissioning, and integration of new RPU panels.
- Modifications of existing RPU panels.
- Relocating, decommissioning, and commissioning of various Instruments.
- SCADA Programming upgrades.

#### List of Major Suppliers:

- PLC : Proficy PLC
- SCADA : GE iFix
- SCADA Standards : City of Toronto



**MODERN  
NIAGARA**



**BLACK &  
VEATCH**



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