



Council Update

August, 2022

Township of North Dundas Infrastructure Projects

- Watermain Looping
- Main St Pumping Station & Forcemain Upgrades
- Chesterville Treatment & Reservoir
- Wastewater Lagoon System Upgrades
- Water Supply Schedule 'B' EA

Winchester Watermain Looping

Design of a new watermain looping servicing the west side of Winchester. The existing residents and business on the west side of Winchester are currently serviced by a single 200 mm diameter watermain along Main St. This sole link poses a long-term risk to continuous supply of potable water in the event of maintenance or unexpected pipe break.

Project Status

Potential Watermain Alignments were developed and property negotiations are currently underway by the Township

Design activities have been put on hold until property negotiations are complete.



Winchester Main St Pumping Station & Forcemain

Project Description: Upgrades Main St Pumping Station & Forcemain to provide a wastewater outlet for the future develop forecast on the west side of the community.

Project Status

Completed the Class 'B' EA for the Pumping Station Upgrades (May 2022)

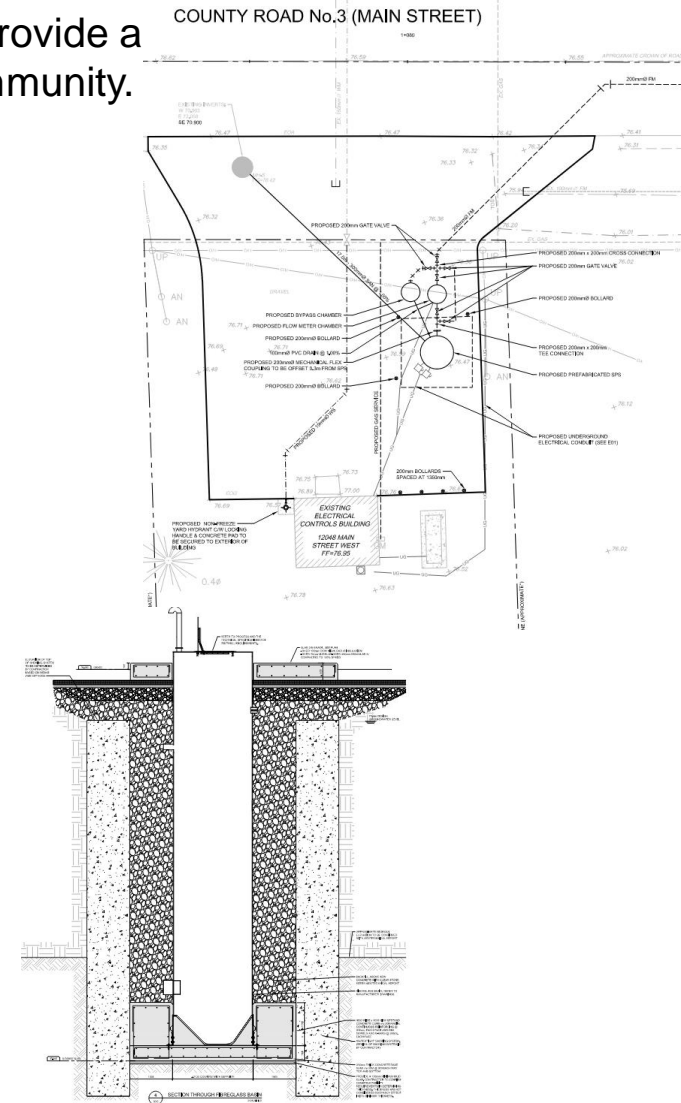
Currently completing the design for the upgrades of the new Pumping Station and Forcemain (PS to Louise St) servicing the west side of Winchester.

Schedule Update

Tender Ready Design Package	Sept 2022
Permits & Approvals	May – Dec 2022
Tender	Fall 2022
Construction	Fall 2022 – Summer 2023

Budget Update

Capital Costs	\$4.7M
Contingency (Design & Price Uncertainty)	\$0.75M
Total Estimated Capital Costs	\$5.45M



Chesterville Treatment and Reservoir Upgrades

Project Description: Upgrades to the Chesterville Water System to provide Treatment for water quality issues and additional water storage to meet future requirements.

Project Status

Completed the Treatment Technology Selection and Reservoir sizing (May 2022)

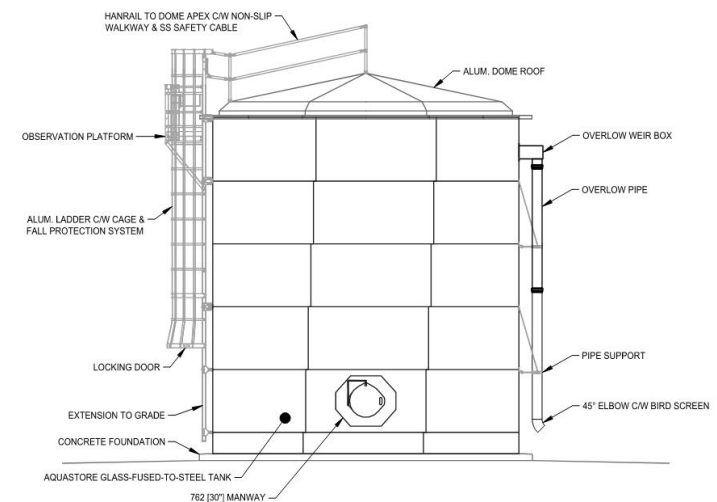
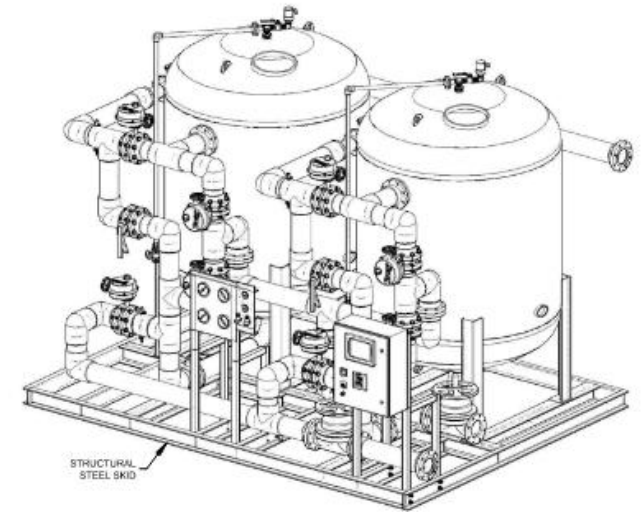
Currently completing the design for the upgrades of the Chesterville Treatment System and Reservoir.

Schedule Update

Tender Ready Design Package	December 2022
Permits & Approvals	Oct 2022 – March 2023
Tender	Winter 2023
Construction	Winter 2023 – Summer 2023

Budget Update

Capital Costs	\$2.0M
Contingency (Design & Price Uncertainty)	\$0.5M
Total Estimate Capital Costs	\$2.5M



Winchester Lagoon System Upgrades

Project Description: Design of a specialized treatment on-site and operational upgrades within the lagoon's existing rated capacity to accommodate near term growth.

Project Status

Completed the Treatment Technology Selection (April 2022)

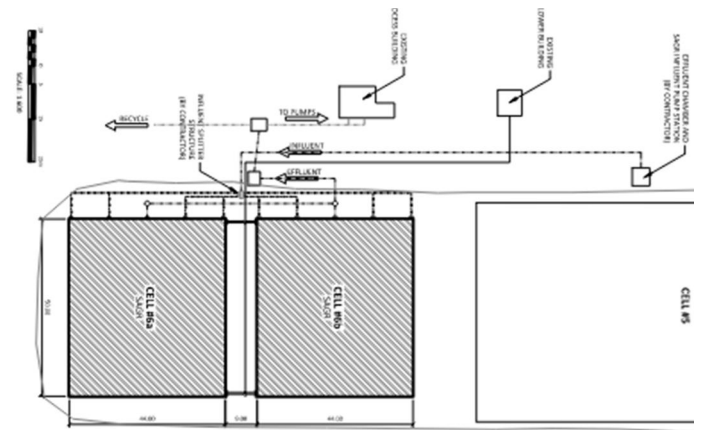
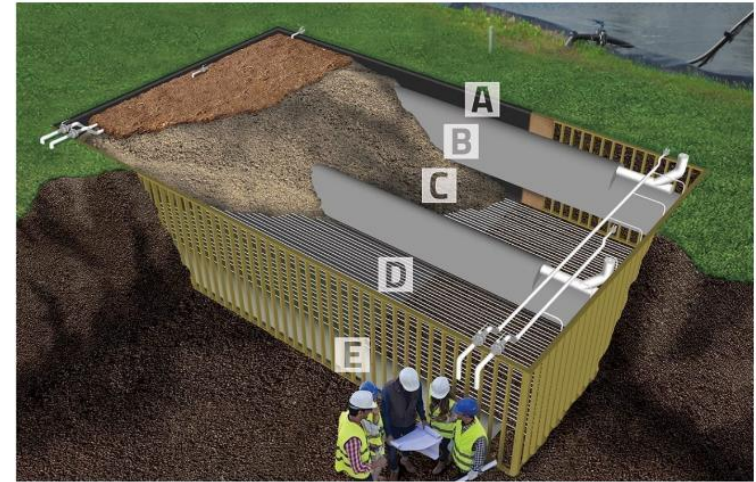
Currently completing the design for the upgrades of the Winchester Lagoon System.

Schedule Update

Tender Ready Design Package	January 2023
Permits & Approvals	Oct 2022 – March 2023
Tender	Winter 2023
Construction	Winter 2023 – Spring 2024

Budget Update

Capital Costs	\$9.75M
Contingency (Design & Price Uncertainty)	\$1.50M
Total Estimate Capital Costs	\$11.25M



Water Supply Schedule 'B' EA

Project Description: Completion of a MEA Class EA Schedule 'B' to address the Townships need of a solution that will address water supply constraints and improve the redundancy and reliability in delivering treated water to the community over the next 20 years.

Project Status

Phase 1 of EA has been completed

Currently completing the Wellhead Protection Area assessment (modelling, threats, vulnerability score etc.) of Lafleur Rd well site.

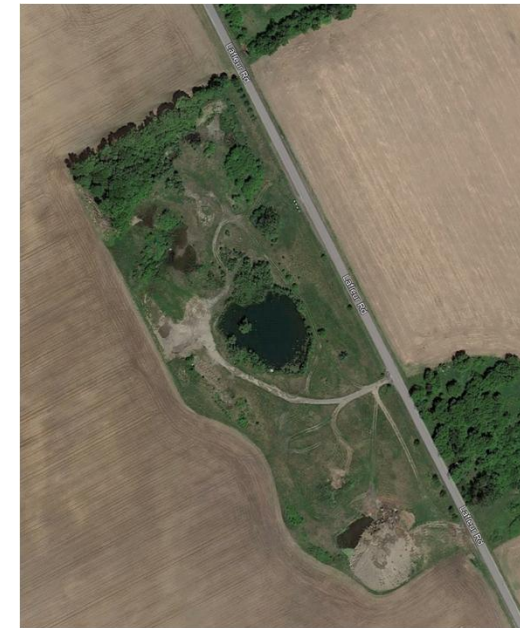
Following modelling, consultation with Conservation Authority and Ministry will be completed

Schedule Update

WHPA Modelling	August 31, 2022
Agencies Consultation	Sept – Oct 2022
Phase 2 of EA	November 2022
Public Information Center	November 2022
30-day EA Review Period	December 2022 – January 2023

Budget Update (Phase 1)

Capital Costs (Option 4a – New well at Lafleur Rd Property)	\$3.6M
Capital Costs (Option 4a – Additional ground water well)	\$3.9M
Contingency (Design & Price Uncertainty)	\$2.5M
Total Estimate Capital Costs	\$10.0M





Google Street View

QUESTIONS?