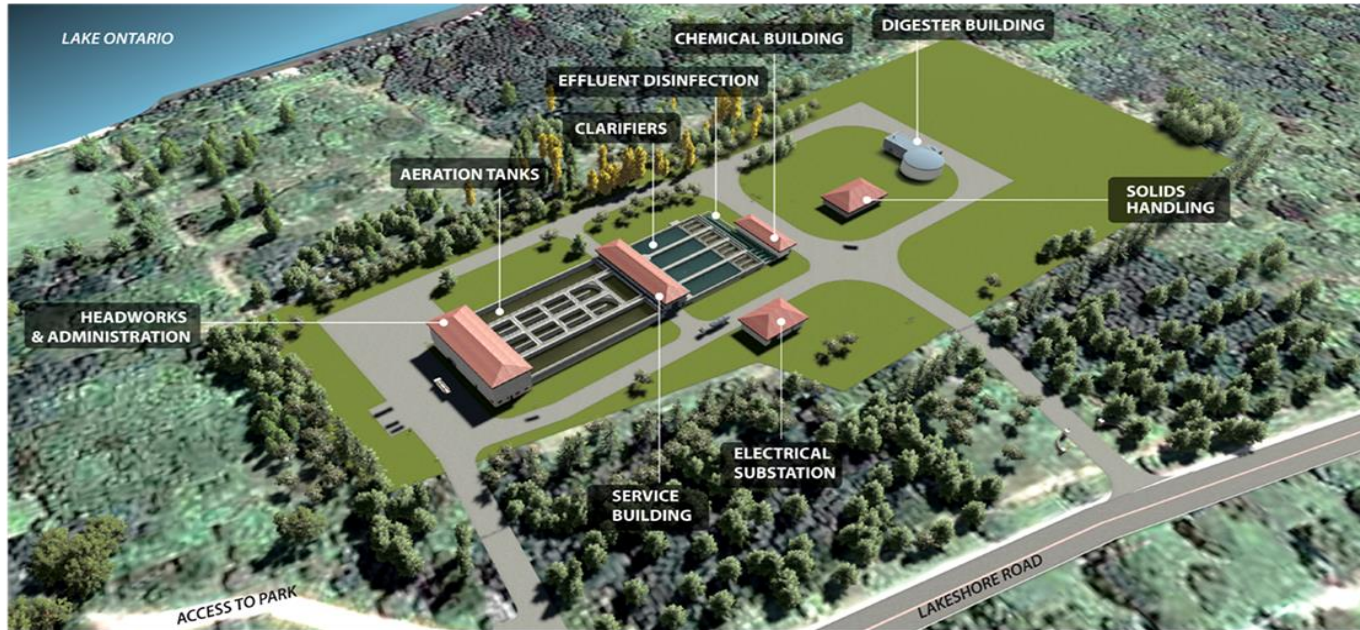


Niagara-on-the-Lake Wastewater Treatment Plant

Niagara Region

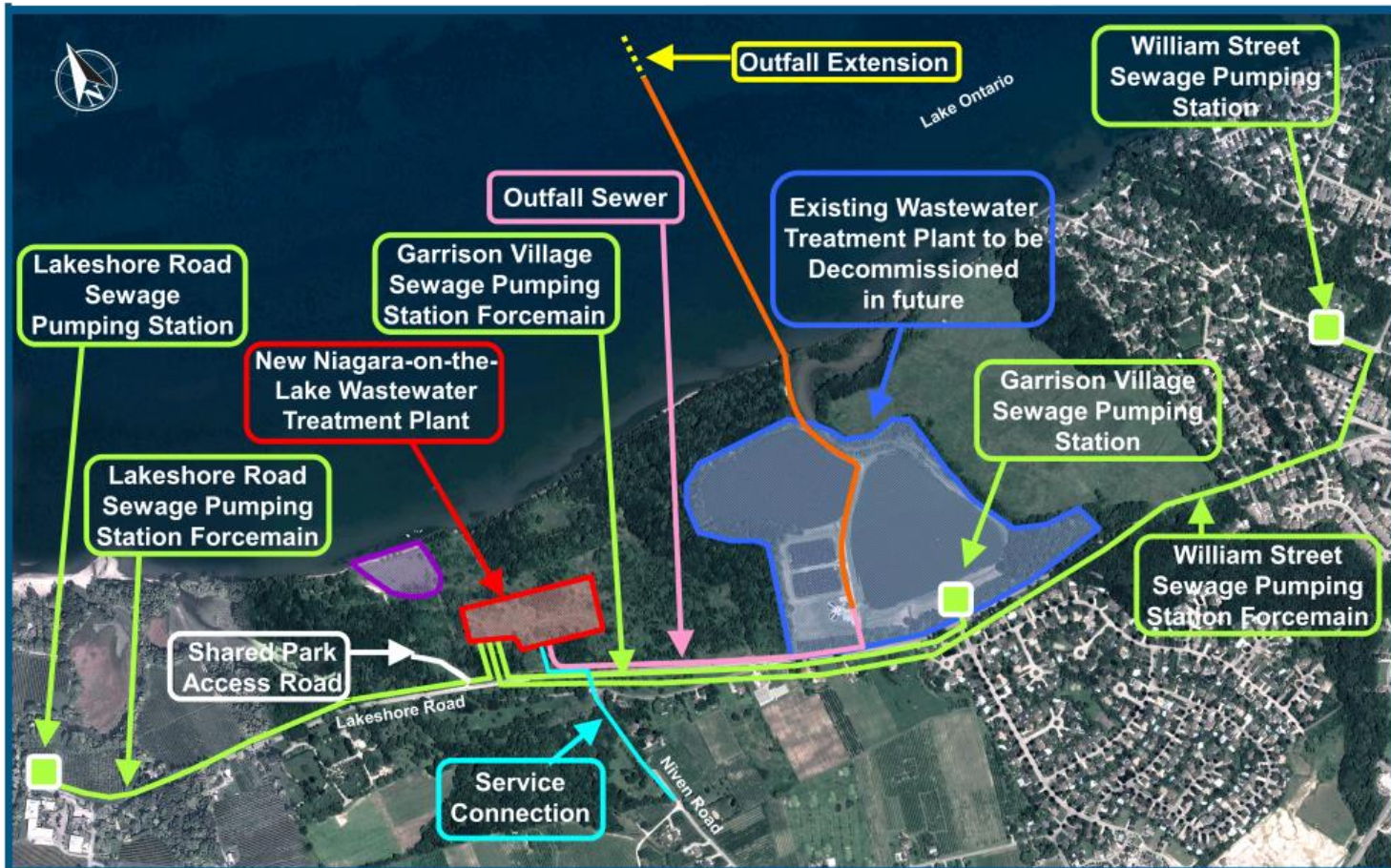
Water and Wastewater Services Division

PROJECT DESCRIPTION



- Project Budget \$50,700,000
- Estimated Final Project Budget \$51,450,000
- Projects includes new WWTP, outfall extension and upgrades to three existing sewage pumping stations.
- The New plant will deliver enhanced and expanded wastewater treatment services to the Old Town and Virgil in Niagara-on-the-Lake. An area of about 6,000 people.
- Max. Capacity of the new plant is 34,733 m³/day.

Project Key Plan



New WWTP



Headworks



Aeration



Service Building



New WWTP



GBT Building



Digester



Next Steps

- Works are generally complete with some deficiencies. (i.e. Siding on Digester, soffits, etc.) and restoration works.
- Contractor to perform a 14 day run test using water. Test to take place in the next few weeks after acceptance of the contractors plan.
- Following a successful 14 day run test on water sewage will be introduced into the plant and a 30 day commissioning period will begin.
- Estimated date to accept sewage from the town end of March / early April, based on favorable weather conditions throughout start up.

Lagoon Decommissioning

- EA Completed in December 2018
- Preferred Option: Riverine Wetland
 - establish the original meander of Two Mile Creek
- Detailed Design to start in 2019
- Construction Anticipated in 2020 pending approvals

