



2023 Darlington Nuclear Groundwater Monitoring Program Results

DN Update | September 2024



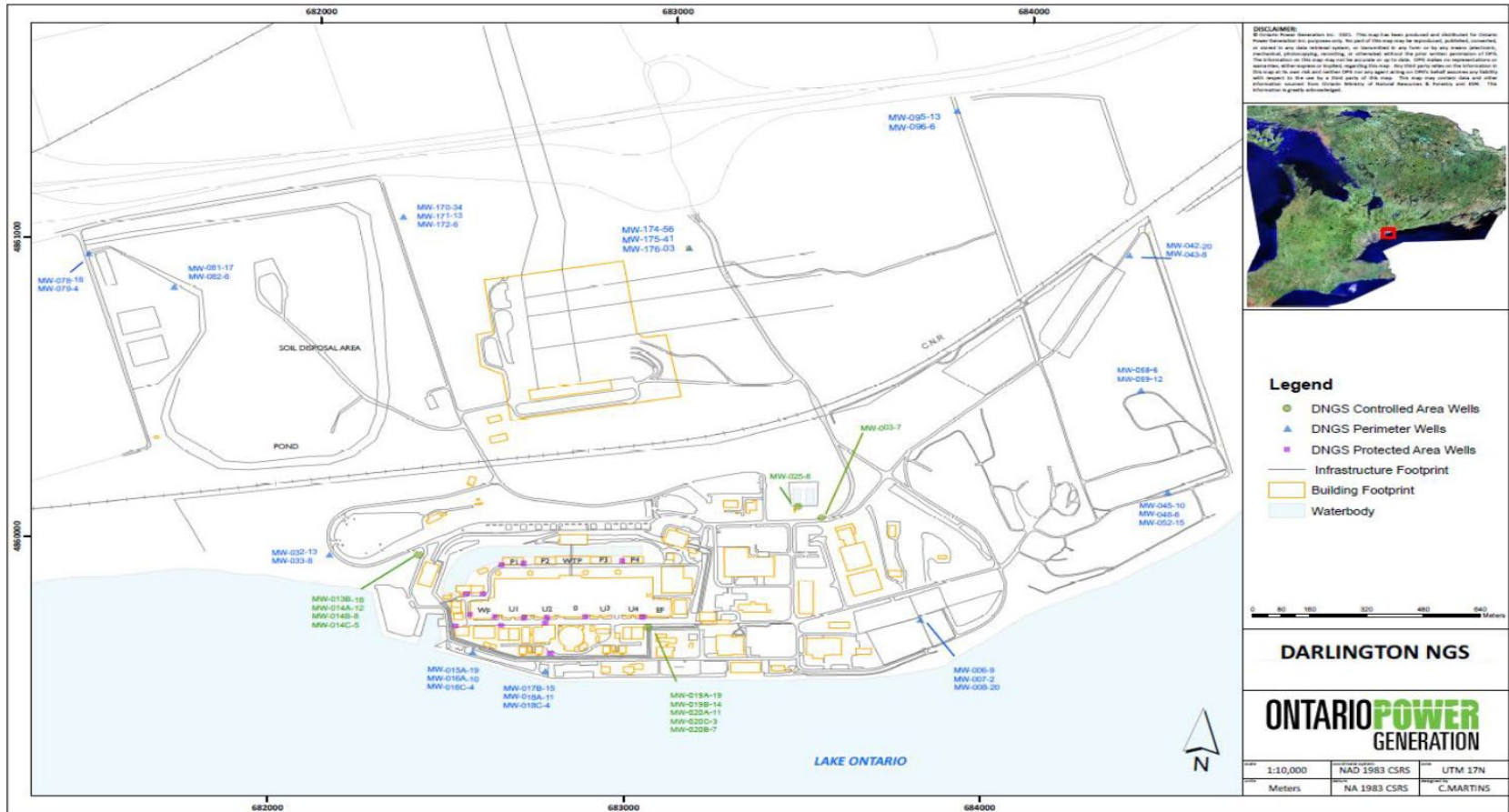
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Annual Program Objectives

- Verify groundwater flow direction
- Monitor changes to on-site groundwater quality to identify new issues in a timely manner and assess historical issues
- Monitor groundwater quality at the site boundary to confirm there are no off-site impacts



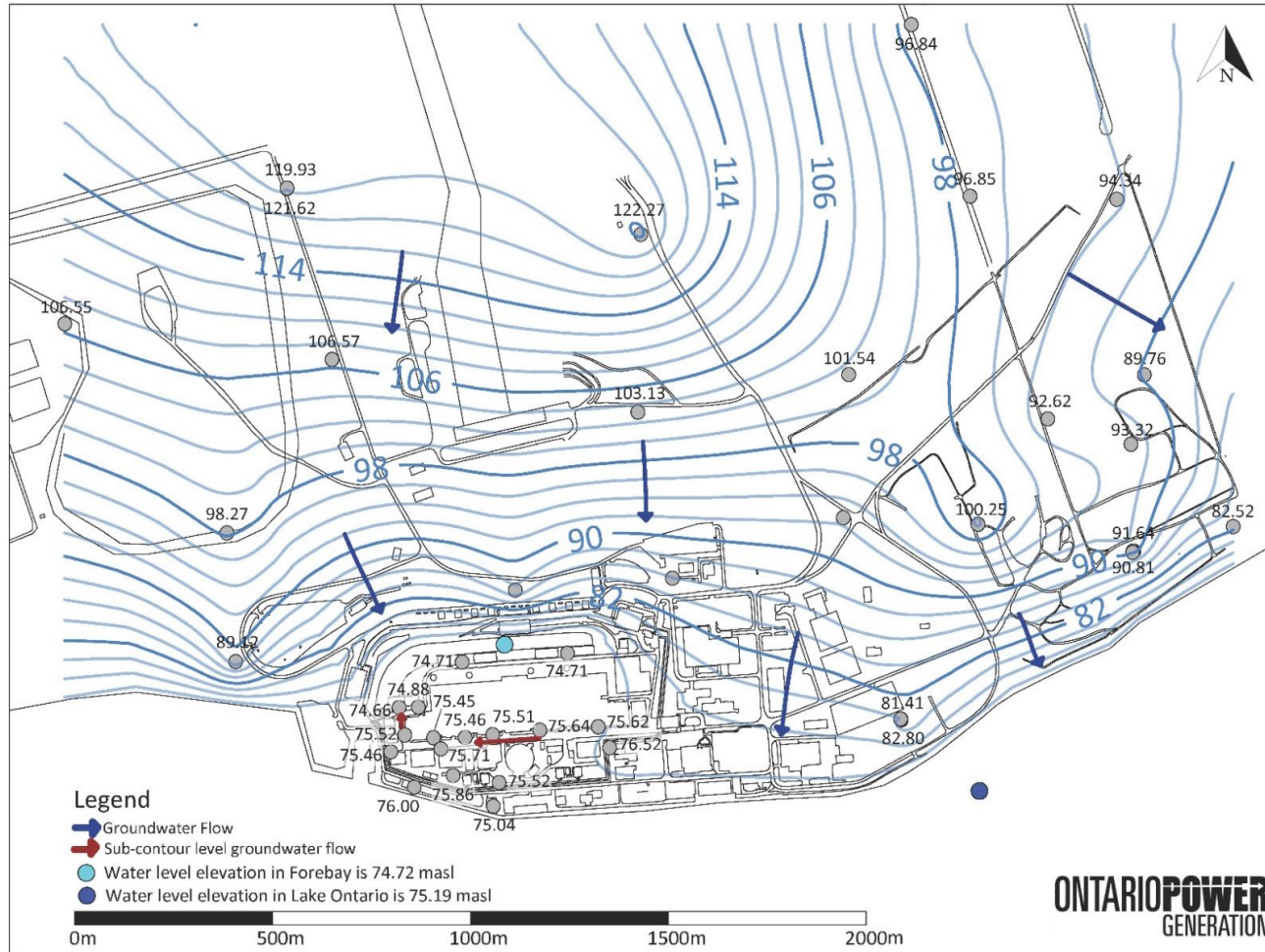
DN | Program Overview



✓ 62 sampling locations

✓ 139 samples

DN | Groundwater Flow Direction

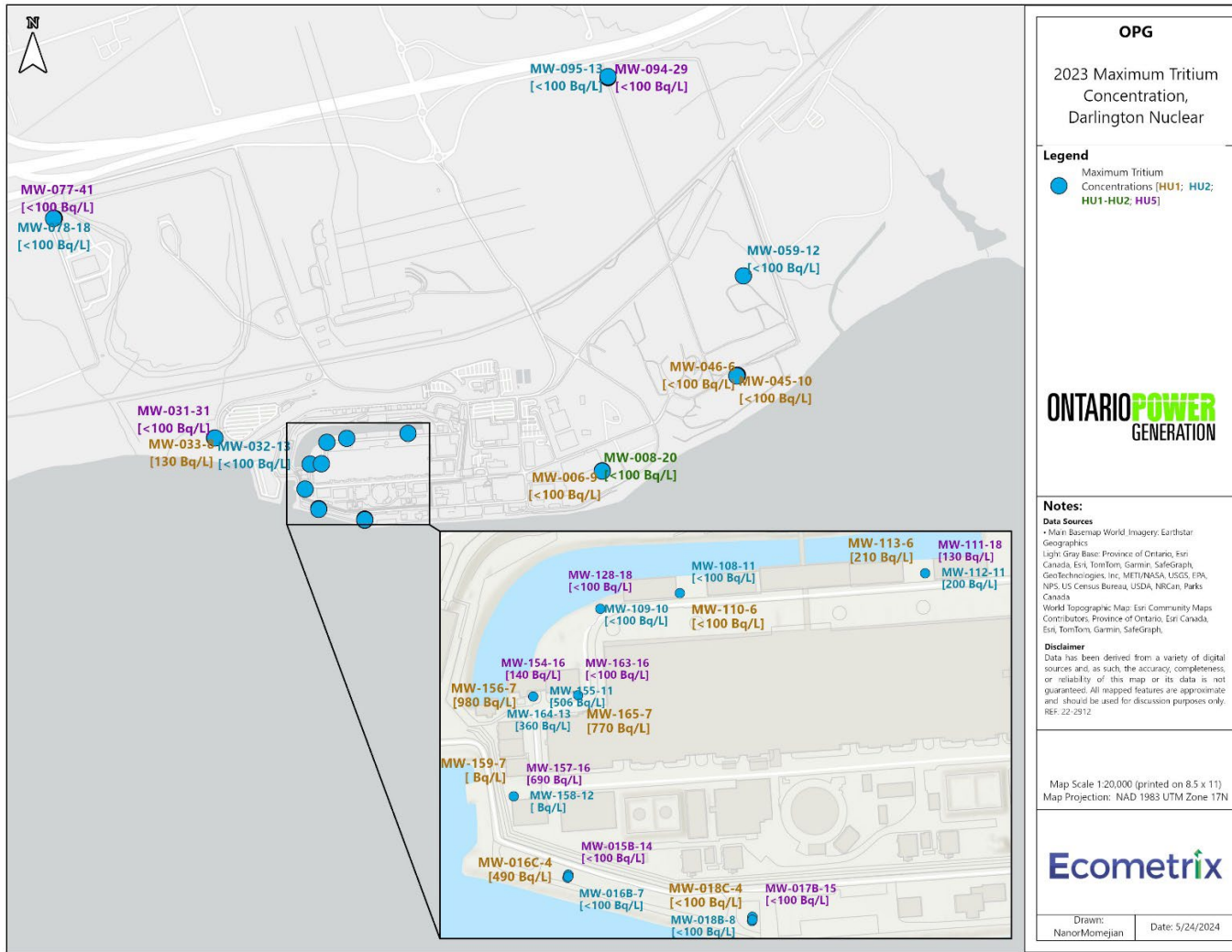


DN | Groundwater Quality

Reactor Building Area



DN | Site Boundary Groundwater Quality



2023 Summary

- At Darlington Nuclear, the groundwater flow patterns remain consistent with original interpretations.
- Groundwater data collected from the key areas remained stable, which indicate consistent environmental performance.
- There were no indications of off-site impacts from DN groundwater

Groundwater reports and GIS Maps are available at [opg.com](https://www.opg.com).

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Questions ??