



2021 Darlington Nuclear Groundwater Monitoring Program Results

CAC Update | September 27, 2022

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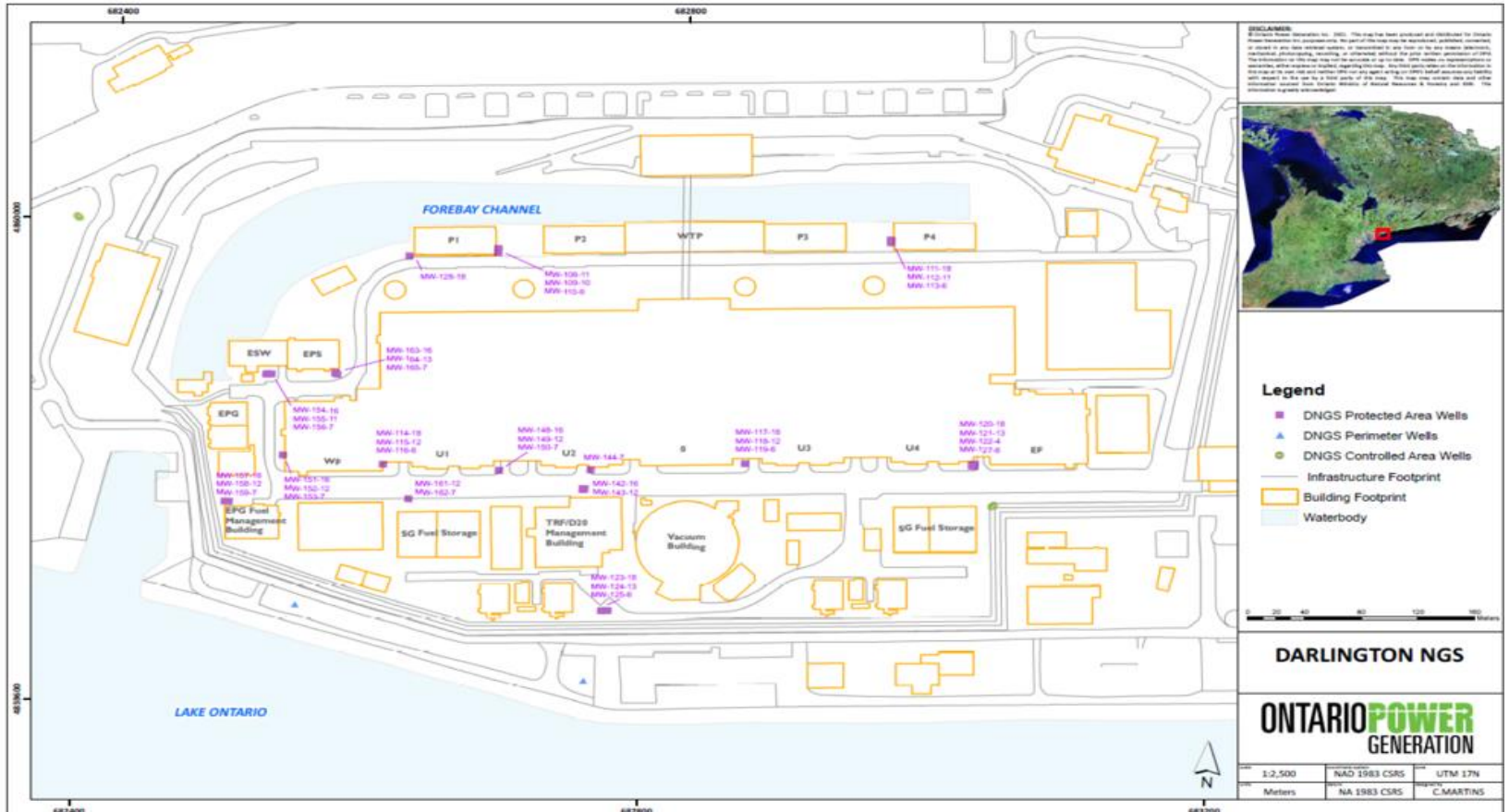
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Annual Program Objectives

- 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



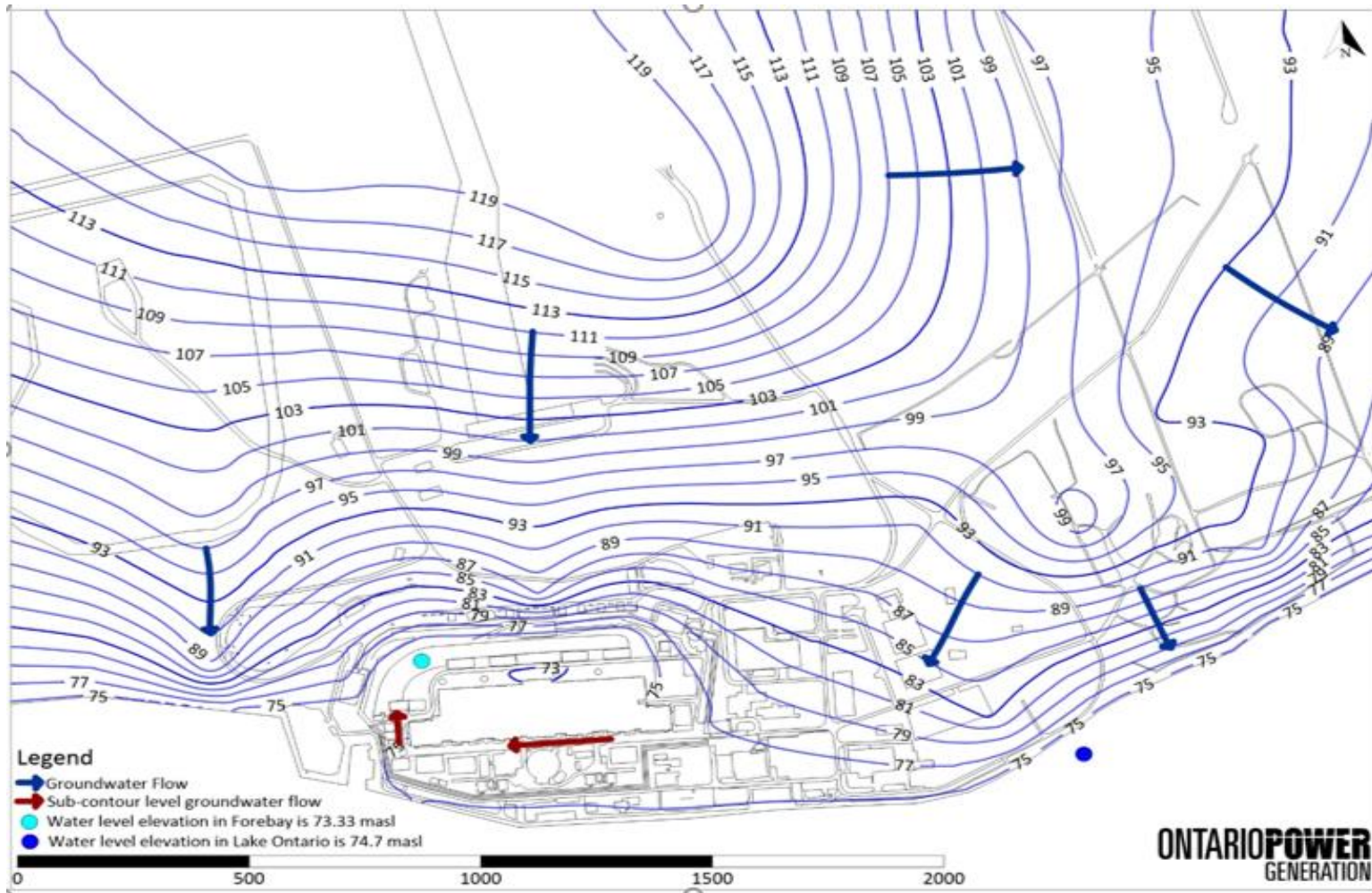
DN | Program Overview



✓ 81 sampling locations

✓ 180 samples

DN | Groundwater Flow Direction



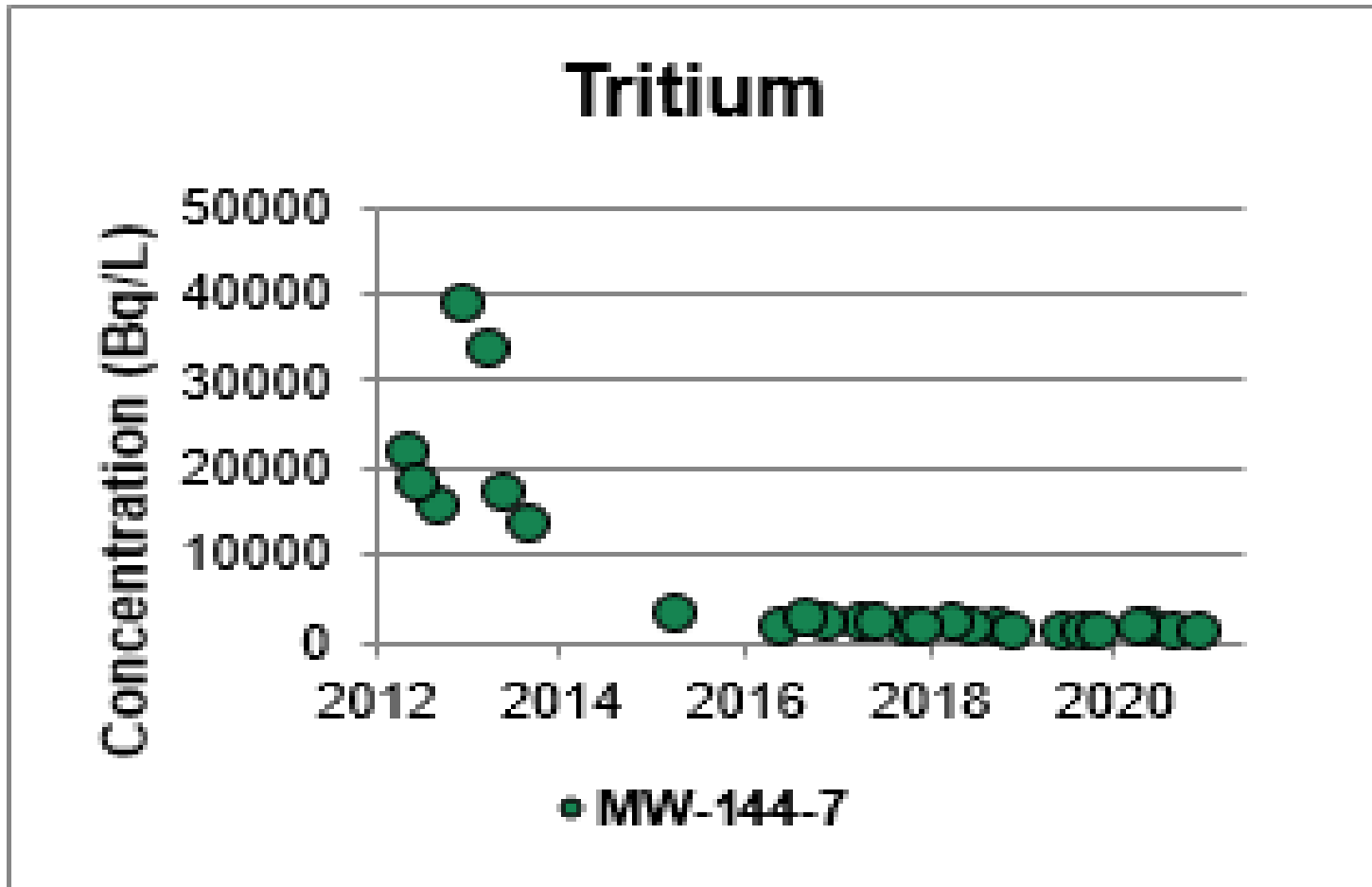
DN | Groundwater Quality

Reactor Building Area



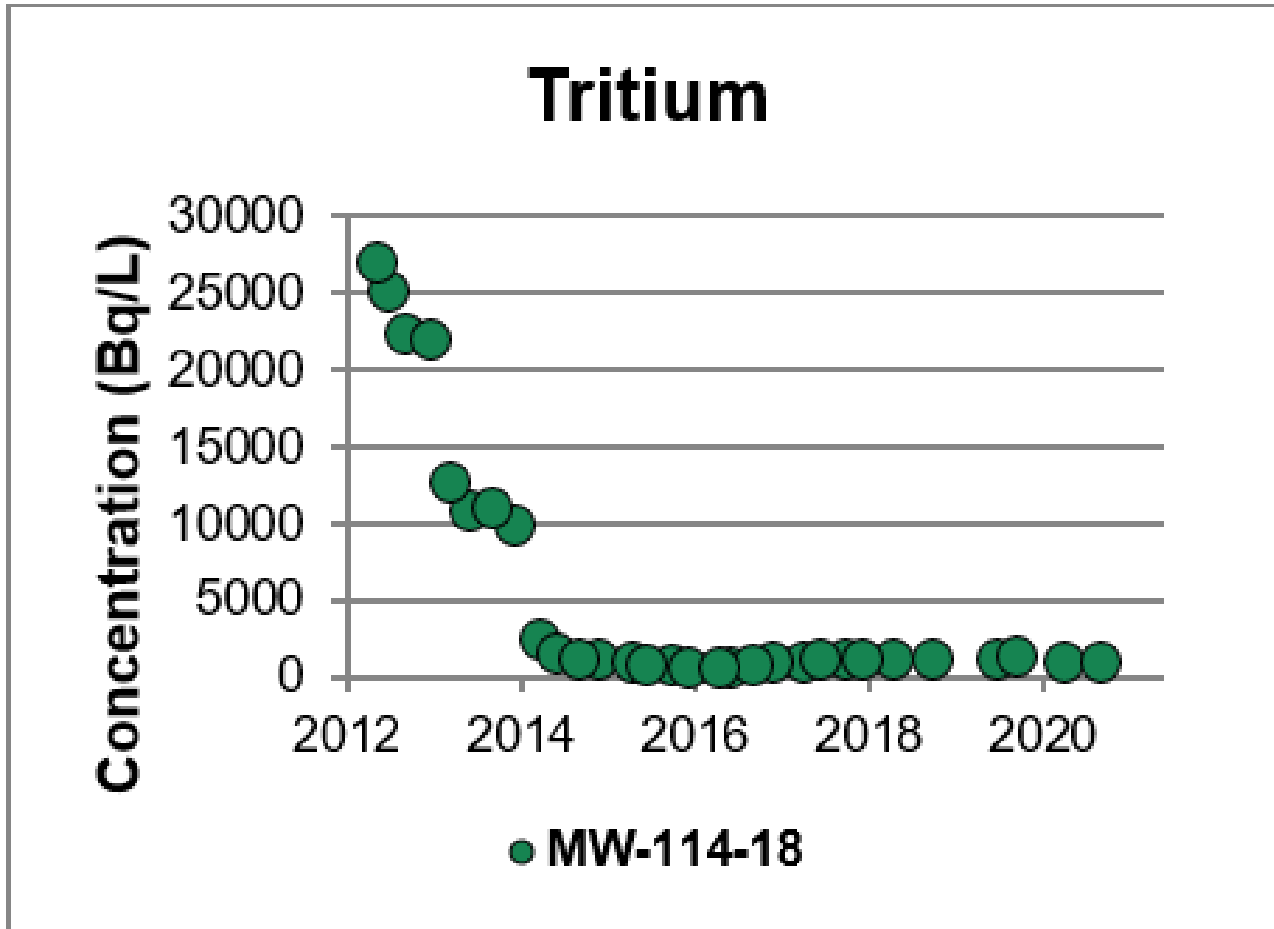
DN | Groundwater Quality

Reactor Building Area

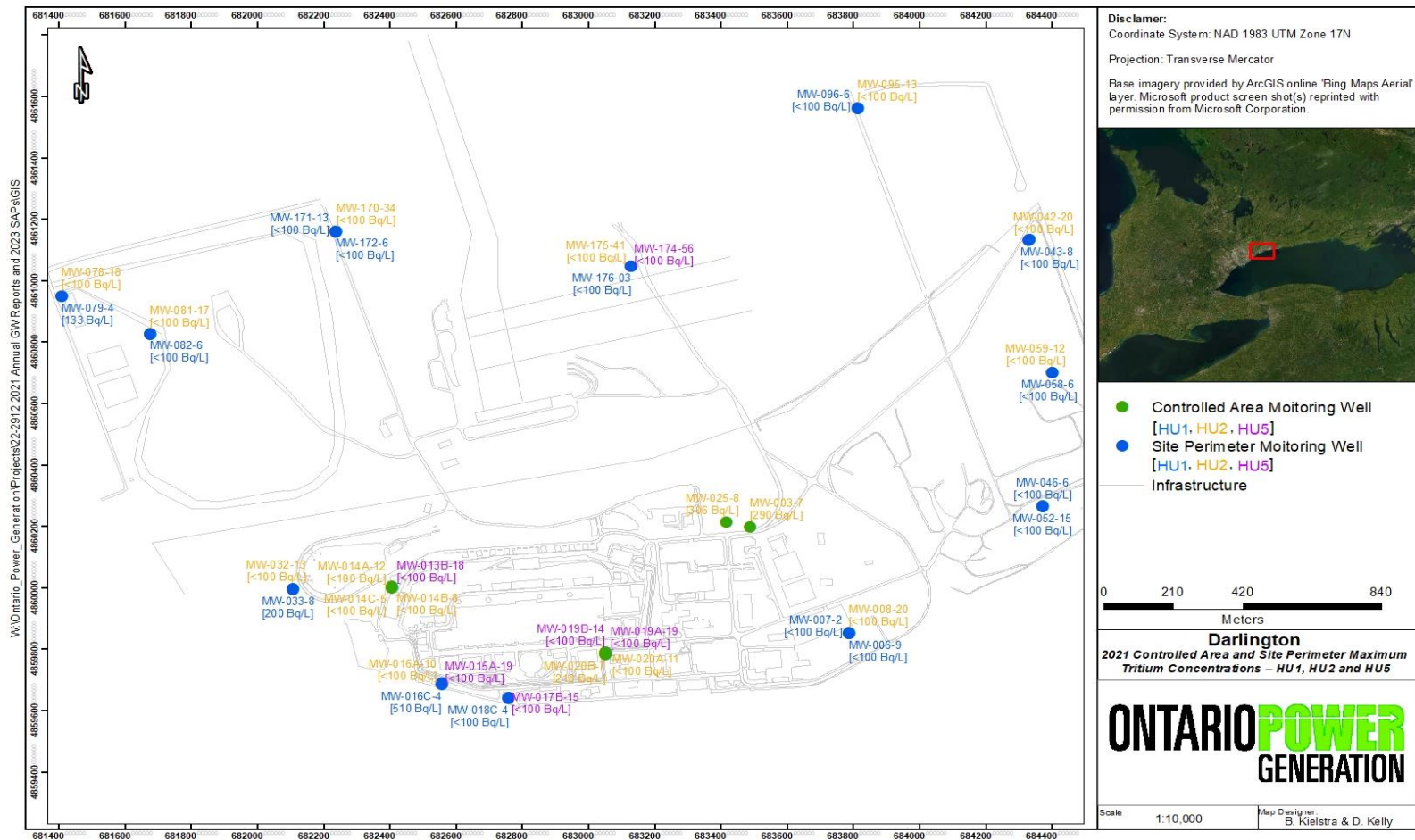


DN | Groundwater Quality

Reactor Building Area



DN | Site Boundary Groundwater Quality



2021 Summary

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

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Questions ???