



# 2024 Pickering Nuclear Groundwater Monitoring Program Results

CAC Update | September 2025



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# Annual Program Objectives

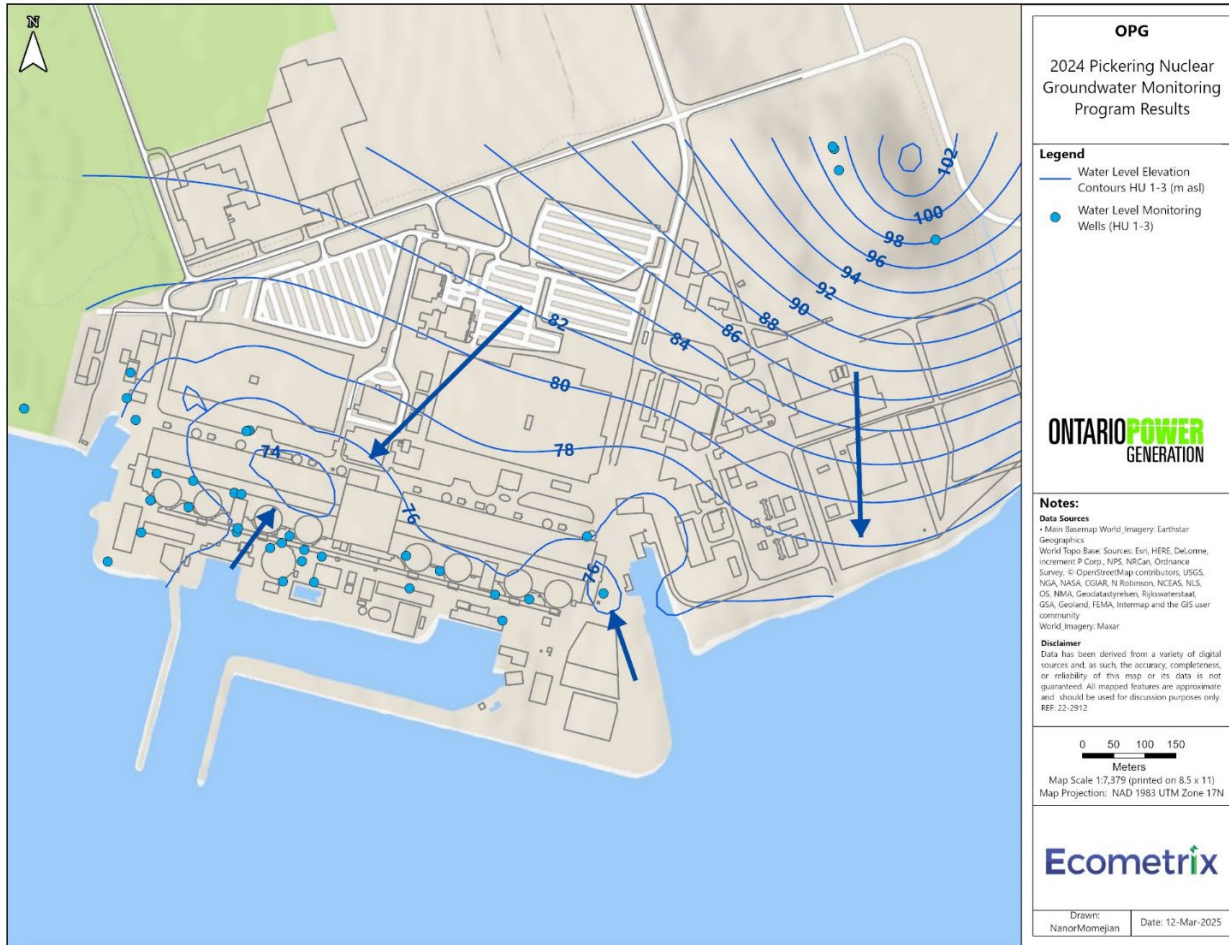
- Verify groundwater flow direction
- Monitor changes to on-site groundwater quality to identify new issues in a timely manner and assess historical issues
- Monitor groundwater quality at the site boundary to confirm there are no off-site impacts



# PN | Program Overview

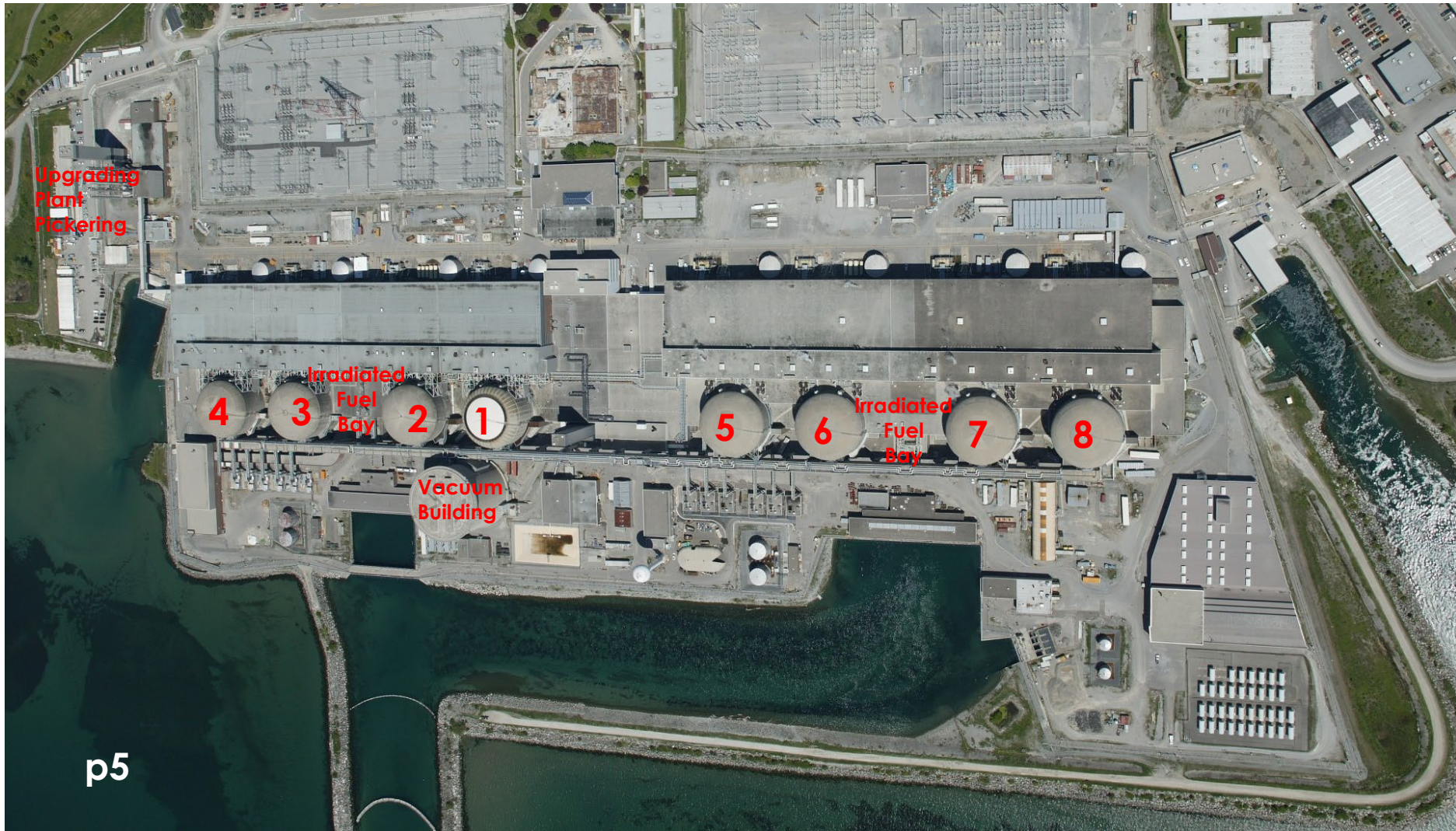


# PN | Groundwater Flow Direction



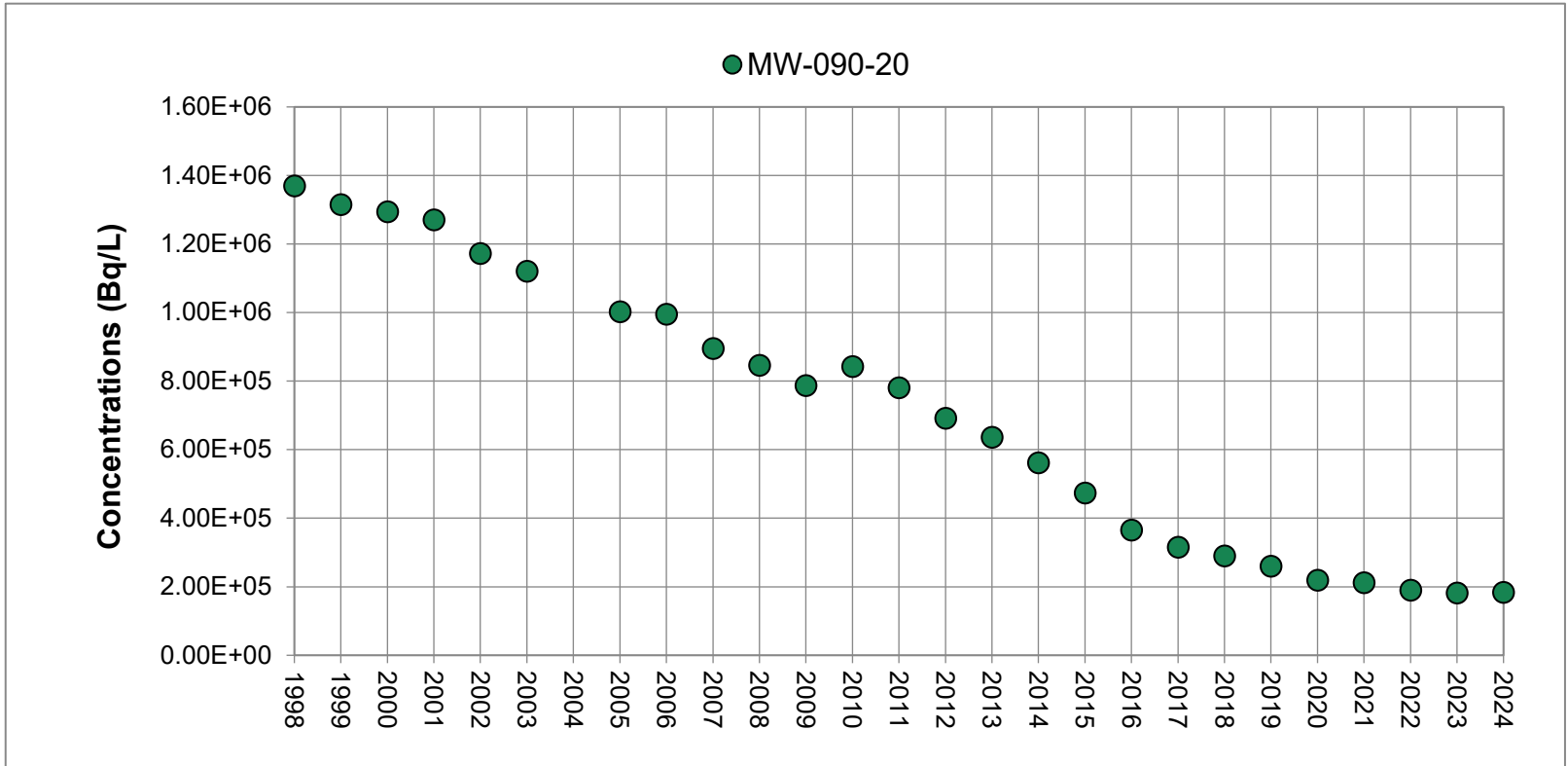
# PN | Groundwater Quality

Key Areas Monitored



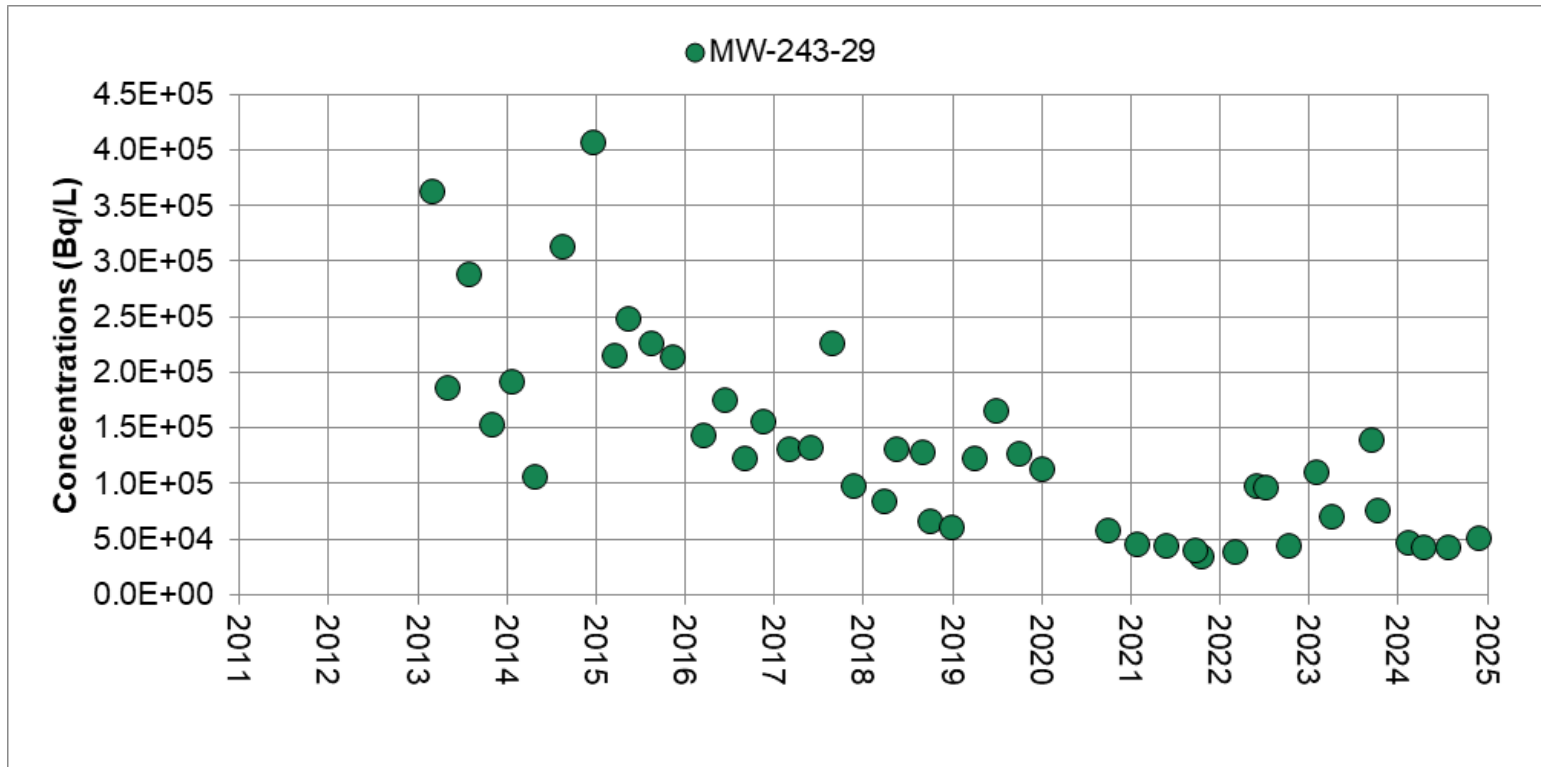
# PN | Groundwater Quality

Upgrading Plant Pickering



# PN | Groundwater Quality

Unit 3 and Unit 4 Areas





# PN | Site Boundary Groundwater Quality



# 2024 Summary

- 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 PN groundwater

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

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Questions ??