

Peer Review/Committee Review of Technical Reports

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Source Protection Committee Meeting
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Several Technical Reports

-background for preparation of the Assessment Report

- Some studies will be peer reviewed (as per Terms of Reference)
- All will come forward to the Source Protection Committee



Peer Review Process

- Municipal Systems: Groundwater & Surface Water
 - Vulnerable areas and vulnerability scores only
 - Requirement in TOR for consistent approach for Durham (groundwater)
 - Lake Ontario Collaborative (separate approach)

Note: *Water Budget and Significant Groundwater Recharge Areas being peer reviewed under separate, ongoing study*

Peer Review Process

The review is intended to be completed at a 'high level'. It is intended to provide oversight on decisions which required professional judgment.

- Does the work meet the requirements of the Technical Rules?
- Appropriateness of data used?
- Were the decisions made while developing, calibrating and running the models reasonable?
- Are the assigned vulnerability scores reasonable?
- Is the level of assigned uncertainty appropriate based on the requirements of the Technical Rules?

Note: It is not in the scope of this review to require that models be re-run in order to replicate results

Peer Review Process

The evaluation documentation is intended to be succinct:

- An item-by-item assessment of consistency with Technical Rules
- Identify any critical issues or deficiencies that would have implications on the source protection planning process
- Identify long-term opportunities for improvement in subsequent rounds of the process

Bringing Technical Reports forward to the SPC

- Committee Understanding of Technical Reports
- Committee Acceptance of Technical Reports

