

# Assessment Reports Format and Outline

Source Protection Committee meeting

November 13, 2009



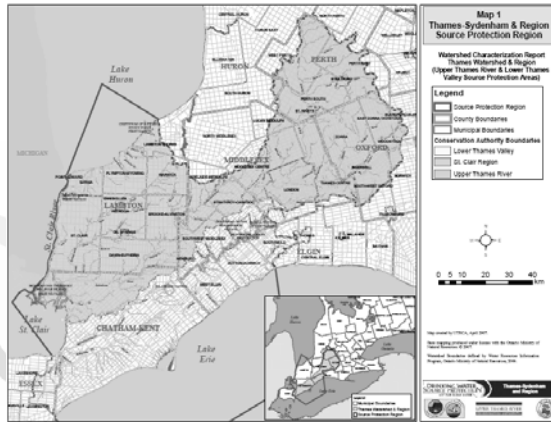
## Presentation Overview

- Geographic extent of Assessment Reports
- Content Requirements
- General Outline
- Level of Detail
- Mapping Products
- Summaries
- Distribution



## Geographic Extent of Assessment Report

- Source Protection Area
  - 3 reports
- Challenges with supporting materials
  - Watershed Characterization Report
  - Conceptual Water Budget
  - Tier 1 Water Budget
  - Other Technical Studies



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## Assessment Report Checklist

- Developed by Conservation Ontario
  - Initially as a table of contents
  - Needed flexibility in how to arrange reports
  - Switched to a checklist
- Reviewed and modified by MOE
- Another version being developed to allow us to submit with Assessment Report and describe where the requirement is satisfied
- Circulated to SPC

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## Outline

- 1 Introduction and Background
- 2 Watershed Characterization
- 3 Water Budget and Water Quantity Stress Assessment
  - 3.2 Tier 1 Water Budget
  - 3.3 Tier 2 Water Budget (UTRSPA only)
  - 3.4 Tier 3 Water Budgets (UTRSPA only)
    - 3.4.1 Work Plan
- 4 Vulnerability Assessment
  - 4.1 Surface Water
    - 4.1.1 Intake Protection Zones
    - 4.1.2 IPZ-3 work plan
  - 4.2 Groundwater
    - 4.2.1 Wellhead Protection Areas
      - 4.2.1.1 GUDI Systems
    - 4.2.2 Highly Vulnerable Areas
    - 4.2.3 Significant Groundwater Recharge Areas
  - 4.3 Uncertainty
- 5 Issues Evaluation
- 6 Conditions Assessment
- 7 Threats and Risk Assessment
- 8 Great Lakes
  - 8.1 Agreements
  - 8.2 Working Group
  - 8.3 Targets
9. Data Gaps and Next Steps
  - 9.1 Data Gaps Summary
  - 9.2 Next Steps
    - 9.2.1 Addendum Report
    - 9.2.2 Improvements for next Assessment Report
    - 9.2.3 Source Protection Plan
10. References

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## Appendices

1. Consultation Summaries
  - Consultation Plan
  - Consultation Summary
    - Phase 1
    - Phase 2
    - Phase 3
2. AR Section Summaries
3. Municipal System Summaries (each system)
4. Watershed Characterization Summary
5. Conceptual Water Budget
6. Addendum Report (to come)
  - Tier 3 Water Budget
  - IPZ-3
  - GUDI Systems
  - Threats Contributing to Issues
  - Conditions Assessment

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### Level of Detail – Watershed Characterization

- Include full WC Summary
  - As appendix
  - Thames is a single document
  - Include entire summary in both
- Add executive summary describing
  - content,
  - Geographic extent
  - Date of material contained
- Include full size maps in Appendix
- Include full Characterization on CD
- Some duplication of maps with CWB
- One map which is outdated and replaced with vulnerable areas
  - Stamp with reference to VA section

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### Level of Detail – Water Budget

- Develop summary of process and major requirements
- Conceptual Water Budget
  - Scope includes entire region
  - Include as Appendix
- Tier 1 Water Budget
  - Scope includes entire region
  - Include as Appendix?
- Tier 2 Water Budget – where required
  - UTRSPA only
- Tier 3 Water Budget – if required
  - Scope includes areas contributing to potentially stressed systems only

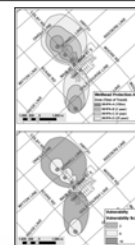
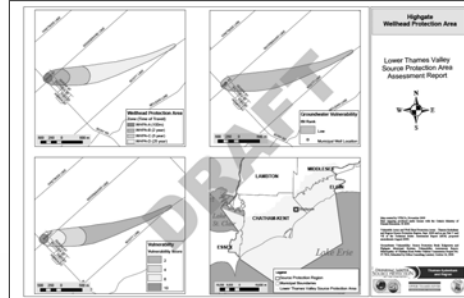
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### Level of Detail – Municipal Technical Studies

- Include summary level detail only
- Include required deliverables in appropriate section and municipal summaries
  - Vulnerable Areas – delineation and score
    - Summary description of methodologies
  - Issues identified
    - Summary description of methodology
    - Reference or append methodology?
    - Concerns considered?
    - Natural issues?
  - Threats
    - Summary numbers
    - Activities that are or would be
    - Required details only
- Reference tech studies but do not include as appendices

### Mapping Products

- 11 x 17 portrait
- Can be printed on letter size and still legible
- SPA scale
- Insets as multiple frames, where feasible
  - Municipal systems within the same study
  - Related themes (WHPA & vulnerability)
- summaries will have figures
  - Small scale
  - Simple content





### Distribution

- Printed Copies – Draft, Proposed
  - Source Protection Committee
  - CA copies
  - Copies for open houses
- CD/DVD
  - In all printed copies
  - Distributed to anyone who requests on
  - Distributed to all who we are required to send a copy
    - Municipal Clerks
    - First Nations