

LIST OF APPENDICES

Appendix I: Watershed Characterization Report (August 2006, revised in 2008)

Appendix II: 2009 Water Quality Status Report

Appendix III: Conceptual Water Budget Report (2007)

Appendix IV: Tier I Water Budget Report (2011)

Appendix V: List of Circumstances for Low Drinking Water Threats in HVAs and SGRAs

Appendix VI: Proposed Issues Evaluation Methodology (2009)

Appendix VII: Delineation, Vulnerability, and Uncertainty Level Assessment and Threats Assessment (events based and threats based)

- Stantec Technical Memorandum: Delineation, Vulnerability, and Uncertainty Level Assessment for Essex Region and Surrounding Area Water Treatment Plants (January 2010) (Stantec Vol.1 - Parts 1 and 2). *Includes Baird & Associates report: In-water IPZ-2 Delineation for Essex Region and Chatham-Kent Intakes – Phase II Study (January 2010)*
- Baird & Associates Technical Memorandum: MISED Model Runs for Windsor IPZ-2 Delineation using 10 Year Return Period Event based on Winds from December 1987 Flow Reversal Event (November 2010)
- Stantec Technical Memorandum: Delineation, Vulnerability, and Uncertainty Level Assessment Revision for the A. H. Weeks and Amherstburg WTPs (January 2011)
- Stantec Technical Memorandum: IPZ-3 Delineation, Vulnerability Scoring, Threats Analysis and Uncertainty Level Assessment for the A. H. Weeks, Lakeshore and Stoney Point Water Treatment Plants (April 2011). *Includes Baird & Associates report: IPZ-3 Delineation for ERCA Source Water Studies –Stoney Point, Belle River and Windsor Intakes (April 2011)*
- Stantec Technical Memorandum: IPZ-3 Delineation, Threats Analysis, and Uncertainty Level Assessment for the A. H. Weeks (Windsor) and Amherstburg Water Treatment Plants (April 2011). *Includes Baird & Associates report: Spill Modeling in Support of IPZ-3 Delineation and Designation of Significant Threats - Amherstburg and Windsor Intakes (April 2011)*
- Essex Region Source Protection Committee Report SPC 11/11: Significant Threats Criteria Amherstburg IPZ-3 (May 27, 2011)

Appendix VIII: Potential Threats Analysis: Stantec Technical Memorandum: Potential Threats Analysis for Essex Region and Surrounding Area WTPs (December 2009) (Stantec Vol.2, Section 1)

Appendix IX (A-H): List of Circumstances for Potential Low, Moderate and Significant Drinking Water Threats

Appendix X: Issues Identification and Conditions Analysis

- Stantec Technical Memorandum: Phase 2 Issues Identification (January 2010) (Stantec Vol.2, Section 3)
- Stantec Post Phase 2 Report: Issues Analysis for Essex Region Source Protection Area Water Treatment Plants (December 2010)
- Stantec Report: Conditions resulting from past activities at the Amherstburg, Lakeshore, Stoney Point, Union Area, Wheatley, A. H. Weeks, Harrow-Colchester South Water Treatment Plants and the West Shore Water Supply System located on Pelee Island (December 2010)
- Stantec Technical Memorandum: *Escherichia coli* analysis for the Amherstburg Water Treatment Plant (February 2011)
- ERCA Study: 2010 *E. coli* Monitoring Study for Amherstburg WTP Intake and Surrounding Study Area (February 2011)

Appendix XI: Unconfirmed Existing Significant Threats – *Confidential - for Ministry of the Environment Source Protection Programs Branch Only*

- Stantec Technical Memorandum: Essex Region Source Protection Planning Significant Threats Analysis based upon Vulnerability Scoring (February 2011)
- Stantec Technical Memorandum: ERSPA Confidential Existing Significant Threats Modeling Locations (April 2011)
- Stantec Technical Memorandum: Addendum to ERSPA Confidential Existing Significant Threats Modeling Locations (May 2011)

Appendix XII: Assessment Report Consultation

Appendix XIII: Transportation Threats

Appendix XIV: IPZ-3 Delineation for Colchester, Union, Wheatley, and Pelee Island Intakes

Appendix XV: Technical Memorandum on Issue Evaluation for Microcystin-LR at Lake Erie Drinking Water Intakes in the Essex Region