

Contents

The results of statistical models presented in this report predict commensurate increases in salinity changes and the movement of isohaline locations resulting from increased Facility withdrawals. The 2011 HBMP Comprehensive Summary Report follows and extends the summarization and interpretation of long-term HBMP data from previous Summary Reports.

[Part 1 »](#)

Executive Summary

Acknowledgements

1.0 Introduction

2.0 Summaries of Recent Relevant Reports

3.0 Chapter 3 – Status and Trends in Regional Rainfall, Flows and Facility Withdrawals

4.0 Status and Trends of Hydrobiological Water Quality Indicators in the Lower Peace River/Upper Charlotte Harbor Estuarine System

[Part 2 »](#)

5.0 Changes in Land Use and Water Quality Upstream of the Peace River Facility

6.0 Salinity/Flow/Withdrawal Relationships at the Continuous Recorders

7.0 Evaluation of Existing withdrawal Schedule and Assessment of Effectiveness in Limiting Potential Impacts

8.0 Significant Environmental Change

9.0 Monitoring Design and Modification to the existing Long-term HBMP Elements

10.0 References – Relevant Literature Citations

[Part 3 »](#)

Appendix A – Literature Reviews Presented in Previous Summary HBMP Reports

Appendix B – Written Comments Received From Panel Members after August 2013 Scientific Review Panel Meeting

Reference tables not included in main chapters

[Part 4 »](#)

Referenced figures, maps and photos not included in main chapters

Chapter 1 – Introduction

Chapter 2 – Summaries of recent HBMP Reports and Primary Conclusions

[Part 5 »](#)

Chapter 3 – Status and Trends in Regional Rainfall and Flows, and Facility Withdrawals

[Part 6 »](#)

Chapter 4 – Status and Trends of Hydrobiological Water Quality Indicators in the Lower Peace River/Upper Charlotte Harbor Estuarine System

[Part 7 »](#)

Chapter 5 - Changes in Land Use and Water Quality Upstream of the Peace River Facility

Chapter 6 – Salinity/Flow/Withdrawal Relationships at the Continuous Recorders

[Part 8 »](#)

Chapter 7 – Facility Withdrawals and Evaluation of Existing Withdrawal Schedule and Assessment of Effectiveness in Limiting Potential Impacts

Chapter 8 – Evaluation of the Presence or Absence of Adverse Impacts and Appropriate Indicators

Chapter 9 – Proposed Monitoring Design Modifications to the Existing Long-term HBMP Elements

