

DRAFT

2019 South Florida Environmental Report

Volume I

Acronyms, Abbreviations and Units of Measurement | Glossary | Conversion of Units of Measurement

VOLUME I

THE SOUTH FLORIDA ENVIRONMENT

CHAPTERS

Chapter 1 Introduction to Volume I

Chapter 2 South Florida Hydrology and Water Management

Chapter 3A Water Quality in the Everglades Protection Area

Chapter 3B Mercury and Sulfur Environmental Assessment for the Everglades

Chapter 4 Nutrient Source Control Programs

Chapter 5A Restoration Strategies – Design and Construction Status of Water Quality Improvement Projects

Chapter 5B Performance and Operation of the Everglades Stormwater Treatment Areas

Chapter 5C Restoration Strategies Science Plan Implementation

Chapter 6 Everglades Research and Evaluation

Chapter 7 Status of Nonindigenous Species

Chapter 8A Northern Everglades and Estuaries Protection Program – Annual Progress Report

Chapter 8B Lake Okeechobee Watershed Annual Report

Chapter 8C St. Lucie and Caloosahatchee River Watersheds Annual Report

Chapter 9 Kissimmee River Restoration and Basin Initiatives

APPENDICES

DRAFT

2019 South Florida Environmental Report

Volume I

Acronyms, Abbreviations and Units of Measurement | Glossary | Conversion of Units of Measurement

VOLUME I: APPENDICES

(No appendices for Chapters 1, 3B, 5A, 6, 7, 8A, & 9.)

Chapter 2

Appendix 2-1	After Action Report Emergency Measures Due to High Water Conditions in the South Florida Region during the 2017 Wet Season
Appendix 2-2	Hurricane Irma, September 8–11, 2017, Impact on South Florida Water Management System
Appendix 2-3	Water Years 2017 and 2018 Monthly Rainfall, Historical Average Rainfall, and Water Year 2018 Potential Evapotranspiration
Appendix 2-4	Water Year 2018 Groundwater Levels
Appendix 2-5	Historical Daily Average Water Year 2018 Water Levels
Appendix 2-6	Monthly Historical Average, Water Year 2017, and Water Year 2018 Water Levels
Appendix 2-7	Water Year 2018 Monthly Inflows and Outflows
Appendix 2-8	Monthly Historical Average, and Water Year 2017, and Water Year 2018 Flows

Chapter 3A

Appendix 3A-1	Water Year 2018 Water Quality Monitoring Results
Appendix 3A-2	Water Years 2014–2018 Water Quality Monitoring Results at Individual Stations
Appendix 3A-3	Water Year 2018 Attainment of the Everglades Dissolved Oxygen Site-Specific Alternative Criteria at Individual Stations
Appendix 3A-4	Water Year 2018 Total Phosphorus and Total Nitrogen Concentrations at Individual Stations
Appendix 3A-5	Water Year 2018 and Five-year (Water Years 2014–2018) Annual Flows and Total Phosphorus Loads and Concentrations by Structure and Area
Appendix 3A-6	Water Years 2014–2018 Annual Total Phosphorus Criteria Compliance Assessment

Chapter 4

Appendix 4-1	Supplemental Information for the Everglades Agricultural Area Basin in the Southern Everglades
Appendix 4-2	Supplemental Information for the C-139 Basin in the Southern Everglades
Appendix 4-3	Supplemental Information for the Non-ECP Basins in the Southern Everglades

Chapter 5B

Appendix 5B-1	Stormwater Treatment Area and Everglades Agricultural Area A-1 Flow Equalization Basin Schematic Maps
Appendix 5B-2	Implementation of the Long-Term Plan for Achieving Water Quality Goals in the Everglades Protection Area Tributary Basins
Appendix 5B-3	Summary of Stormwater Treatment Area Black-necked Stilts and Other Protected Birds during the 2018 Nesting Season
Appendix 5B-4	Submerged Aquatic Vegetation Coverage in the Stormwater Treatment Areas

DRAFT

2019 South Florida Environmental Report

Volume I

Acronyms, Abbreviations and Units of Measurement | Glossary | Conversion of Units of Measurement

VOLUME I: APPENDICES CONTINUED

(No appendices for Chapters 1, 3B, 5A, 6, 7, 8A, & 9.)

Chapter 5C

- Appendix 5C-1 Evaluation of Phosphorus Sources, Forms, Flux, and Transformation Processes in the Stormwater Treatment Areas
- Appendix 5C-2 Evaluation of Inundation Depth and Duration for Cattail Sustainability: In Situ Study
- Appendix 5C-3 Use of Soil Inversion to Control Phosphorus Flux
- Appendix 5C-4 Effects of Abundant Faunal Species on Phosphorus Cycling in the Stormwater Treatment Areas
- Appendix 5C-5 Summary Report for Water and Total Phosphorus Budget and Performance Analysis for STA-3/4 Treatment Cells
-

Chapter 8B

- Appendix 8B-1 WY2018 Supplemental Lake Okeechobee Watershed Phosphorus Concentration Data by Subwatershed
-

Chapter 8C

- Appendix 8C-1 Water Year 2018 Supplemental St. Lucie River Watershed Phosphorus and Nitrogen Concentration Data by Basin
-

Back to the Top