

Draft Appendix Outline

Groundwater Availability Team (GAT) Evaluation of Water Resources

1. GAT Purpose and Process (*Brian S.*)
2. Summary of Analytical and Modeling Tools (*Brian S.*)
 - a. Hydrologic Assessment Team (*Pete K.*)
 - i. Expanded East Central Florida Groundwater Model (ECFTX)
 - b. Environmental Measures Team (*Kym H.*)
 - i. Geographic Information System Analysis
 - ii. Statistical Analysis
 - c. Minimum Flows and Levels (MFL) and Reservations Team (*Doug L.*)
 - i. MFL "Freeboard" Analysis
3. Summary of Environmental Criteria and Methods to Evaluate Potential Impacts (*Kym H.*)
 - a. MFL and MFL-Related Criteria (*Doug L.*)
 - i. Adopted MFLs
 - ii. Adopted Saltwater Intrusion Minimum Aquifer Level for the Most Impacted Area of the Southern Water Use Caution Area (SWUCA)
 - iii. Target Regulatory Groundwater Level Below Lake Wales Ridge Lakes Established for SWUCA Recovery
 - iv. Target Regulatory Groundwater Level Below the Upper Peace River Established for SWUCA Recovery
 - b. Non-MFL Lakes/Wetlands Criteria (*Kym H.*)
 - i. Isolated Ridge and Plains Stressed Wetland Acreage Changes
 - c. Non-MFL Spring Criterion (*Lori B.*)
 - i. Apopka Spring
 - d. Wellfield Water Quality Criteria (*Pete K.*)
 - i. Upward Migration (Upconing) of Poorer Quality Water at Selected Wellfields/Areas
4. Analysis (*Pete K.*)
 - a. Reference Condition Development (*Tammy B.*)
 - b. Distribution of Groundwater Withdrawals (*Tammy B.*)
 - c. ECFTX Model Simulations and Results (*Same Responsibility as Section 3 Above*)
 - i. Recent Status and Reference Condition Assessment Results
 1. MFL and MFL-Related Criteria (*Doug L.*)
 - a. Adopted MFLs
 - b. Adopted Saltwater Intrusion Minimum Aquifer Level for the Most Impacted Area of the Southern Water Use Caution Area (SWUCA)
 - c. Target Regulatory Groundwater Level Below Lake Wales Ridge Lakes Established for SWUCA Recovery
 - d. Target Regulatory Groundwater Level Below the Upper Peace River Established for SWUCA Recovery
 2. Non-MFL Lakes/Wetlands Criteria (*Kym H.*)
 - a. Isolated Ridge and Plains Stressed Wetland Acreage Changes

3. Non-MFL Spring Criterion (*Lori B.*)
 - a. Apopka Spring
4. Wellfield Water Quality Criteria (*Pete K.*)
 - a. Upward Migration (Upconing) of Poorer Quality Water at Selected Wellfields/Areas
- ii. 2040 Assessment Results
 1. Criteria in 4. c
- iii. 2030 Assessment Results
 1. Criteria in 4. c
- iv. Other Assessment Results (as necessary)
 1. Criteria in 4 c.
5. Planning-Level Groundwater Availability (*Lori B.*)
6. Conclusions (*Lori B.*)