

## 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.*)