

Figure 1 – Integration of EAA Storage Reservoir Project with STA's

Basin-Specific Feasibility Studies
Everglades Protection Area Tributary Basins



South Florida Water Management District
Contract C-E023 Basin-Specific Feasibility Studies
ECP Basin

Evaluation of Alternatives
for the ECP Basins

6. INTEGRATED TREATMENT AREAS

Submitted to
South Florida Water Management District



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Contract No. C-E023
Project No. 29042



In Association With



South Florida Water Management District
Contract C-E023 Basin-Specific Feasibility Studies
ECP Basins

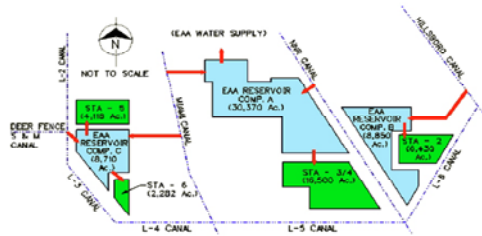


Figure 6.1 General Schematic, Integrated Alternative

This Part 6 presents the results of an evaluation of a more global alternative in which STA-2, STA-3/4, STA-5 and STA-6, as well as the EAA Reservoirs are treated as an integrated whole. The purpose in the development of this Integrated Alternative is to assess the extent to which adjustment of the EAA Storage Reservoirs Project as modeled in the SFWMM 2050wPROJ simulation used for the Basin-Specific Feasibility Studies might effectively contribute to an ability to meet the long-term water quality improvement goals of the Everglades Forever Act, while not sacrificing the hydrologic function of the EAA Reservoirs.

The Integrated Alternative presented in this Part 6 cannot be considered as an optimized solution. The interrelationships of the various stormwater treatment areas and the potential EAA Storage Reservoirs are highly complex. A wide variety of alternatives could, and should, be postulated and considered in detail. Time and budget restraints inherent in the scope of Contract C-E023 permitted the development of but one of the many possible adjustments which could be made to the 2050wPROJ simulation in the interest of water quality improvement, while maintaining the hydrologic function of the Reservoir(s).

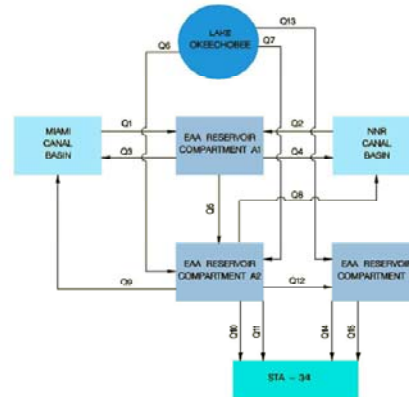


Figure 6.2 EAA Reservoirs Flow Schematic Vicinity STA-3/4

Daily Water Depths (ft)
CERP Reservoirs DMSTA Datasets

