

MEMORANDUM FOR THE RECORD

SUBJECT: Calibration and Review for the Hydrodynamic & Salinity (H&S), Dissolved Oxygen (DO), Chloride (Cl), and Marsh Succession Models (MS), Savannah Harbor Expansion Project.

1. The Savannah Multi Agency Review Team (SMART) has provided expectations for the performance of the H&S and DO models in the document titled: "SavHarborModeling Fed Exp-Revised.doc". In the cases of the Cl and MS models, the expectation criteria have not been established.
2. The sequence of events leading to release of a calibration/performance report for the H&S and DO models will be:
 - A. Development of a model calibrated to meet the federal expectations as much as possible
 - B. Provision of a calibration acceptance package by GPA to the SMART for review and evaluation.
 - C. Each federal agency in SMART will provide acceptance letters from their agency to the USACE for consolidation. The USACE, Savannah District will provide a consolidated acceptance letter to GPA.
 - D. Following acceptance, GPA will prepare a report of the particular model's calibration and performance.
 - E. The draft calibration/performance report will be reviewed by SMART and will be subject to ITR by the USACE.
 - F. The calibration/performance report will be finalized and documentation of the steps taken will be prepared iaw the ITR requirements.
3. The sequence of events leading to the release of a calibration/performance report for the Chloride model will be:
 - A. The Cl model will be developed by GPA to provide for evaluation of the chloride concentration in the area of the City of Savannah water intake. NOTE: no expectations have been established for this model.
 - B. GPA will provide a calibration acceptance package to the SMART for review and evaluation.
 - C. Each federal agency in SMART will provide acceptance letters from their agency to the USACE for consolidation. The USACE, Savannah District will provide a consolidated acceptance letter to GPA.
 - D. Following acceptance, GPA will prepare a report of the particular model's calibration and performance.
 - E. The draft calibration/performance report will be reviewed by SMART and will be subject to ITR by the USACE.

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- F. The calibration/performance report will be finalized and documentation of the steps taken will be prepared iaw the ITR requirements.
4. The sequence of events leading to release of a calibration/performance report for the MS model will be:
- A. GPA will develop the MS model in collaboration with the USFWS and prepare a report of its calibration/performance. NOTE: no expectations have been established for this model.
 - B. The Lead and Cooperating agencies will review the draft calibration/performance report. In addition, the ITR of the calibration/performance report will be conducted.
 - C. The calibration/performance report will be finalized and documentation of the steps taken will be prepared iaw the ITR requirements.