

## QUALITY ASSURANCE SERVICES

### Project Highlights:

- Review QASR for CERP
- Standardize Format
- Compliance with NE-LAC requirements
- Compliance with FAC Chapter 61-160
- Attend QA CERP Meetings
- Revise QASR

### REVIEW OF THE COMPREHENSIVE EVERGLADES RESTORATION PROGRAM (CERP) QUALITY ASSURANCE SYSTEMS REQUIREMENTS (QASR) PLAN

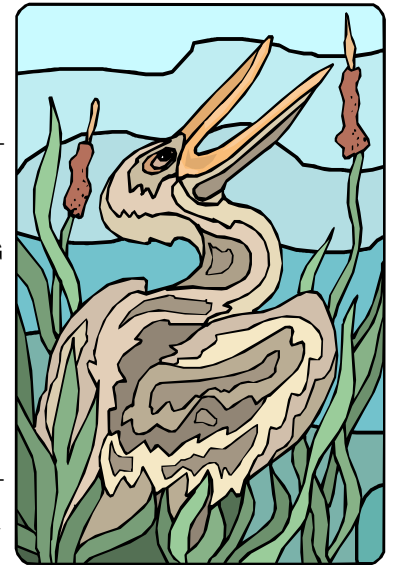
The CERP is a program of interrelated environmental restoration projects, involving participation by several state, tribal, local, and other agencies. The nature of CERP projects will vary greatly in nature and in sample type. All data produced by CERP projects must be integrated in order to coordinate restoration efforts. Therefore, all CERP data must meet a minimum level of quality and completeness to assure consistency with the program and to allow effective sharing of data.

The CERP Quality Assurance Systems Requirements (QASR) Plan was created to set forth the minimum requirements for data collection activities for CERP projects. CERP projects must meet all applicable federal, state and local regulations for monitoring and sample analysis, as well as individual project Data

Quality Objectives (DQO).

The Water Quality Analysis Division of the South Florida Water Management District (SFWMD) contracted International Analytical Group, Inc. (IAG) to help it review and revise three chapters of the QASR Plan for the CERP. IAG reviewed and revised the Chapters dealing with Water Quality Field Sampling (Chapter 1), Laboratory Analysis (Chapter 5), and Data Management and Assessment (Chapter 6).

IAG reviewed the QASR chapters for content, to ensure that its requirements comply with the most current applicable regulations. In addition, the text was revised for format to eliminate redundancies as much as possible. IAG prepared drafts of the above referenced chapters and presented them to the SFWMD and the Water Quality Team of Restoration Coordination



and Verification (RECOVER). Their comments/changes were incorporated into the documents and revised draft copies were submitted for inclusion in the QASR.

### QUALITY ASSURANCE REQUIREMENTS AND GUIDELINES

The objective of Chapter 1 (Water Quality Field Sampling) is to outline the minimum Quality Assurance (QA) requirements for sample and field data collection. Chapter 5 (Laboratory Analysis) outlines the minimum QA requirements for laboratory analysis, provides guidelines for contracting laboratories and for data assessment. In addition it discusses data uncertainty

and outlines the process for developing DQOs. Chapter 6, Data Management and Assessment, provides the minimum data standards to be used in CERP projects in an effort to standardize and maintain high quality data, and to increase the usability of data among projects. The goal of Chapter 6 of the QASR is to describe some the expected data types, associated

elements, and the standards necessary to produce consistent, comparable data among CERP projects; and to set forth minimum standards for data storage, retention, and access.