

Issue Action Group: E3 Water Quality in Lakes, Rivers and Tributaries

Finalized: 01-30-02

Warrior and Coosa Projects Combined

www.southerncompany.com/alpower/hydro

E3 IAG Work Plan

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Issue Statement

WE3 & CE3 Water Quality in Lakes, Rivers and Tributaries – Effect of current project operations on the water quality of the project study area.

* The US Department of Interior including the US Fish and Wildlife Service has suspended electronic communication and it is not known when service will be restored. Communication with USFWS must be conducted via mail, fax and or telephone.

IAG Tasks and Responsibilities

The following are the responsibilities for this IAG:

- Consolidate available water quality information for the Warrior and Coosa Projects (lakes, rivers & tributaries) into a concise report.
- Review information and identify areas of the projects where lake and/or river water quality is adversely affected by project operations.
- Determine if additional information is needed
- Discuss methods (operational and non-operational) to improve water quality in the project's lakes, rivers and tributaries.
- Make recommendations to the WCRT and EcoRAT on ways to improve water quality in the project's lakes, rivers and tributaries.

Work Scope and Product

- Task 1 Finalize IAG membership and work plan.
- Task 2 Consolidate available water quality information for the Warrior and Coosa Projects into a concise report.
- Task 3 Review report information and identify areas of the projects that do not meet state water quality standards.
- Task 4 Determine if additional information is needed – field studies, expert opinion, models, etc. (this step will be repeated as needed by the IAG).
- Task 5 Identify how existing project operations impact water quality at the identified sites (adverse and beneficial effects).
- Task 6 Identify changes (both project and non-project related) needed to improve water quality.
- Task 7 Analyze the effects of proposed modifications (operational and non-operational) on environmental and economical resources.
- Task 8 Make recommendations to the WCRT and the EcoRAT on ways to improve water quality in the project's lakes, rivers and tributaries.

Schedule

The E3-IAG will begin work with a kick-off meeting on January 30th, 2002 and will continue meeting periodically until completion of the above Tasks. The following is a projected schedule, which can either be implemented with "face-to-face" or "conference call" meetings.

- Meeting 1 January 30th - "Kick-off" meeting; introduce IAG members, complete Task 1 and assign Task 2 (Water Quality Report).
- Meeting 2 Review Task 2 report and begin identifying problem areas.
- Meeting 3 Complete Task 3 and begin discussing Task 4 (whether additional information is needed).
- Meeting 4 Finalize Task 4 study plans for 2002
- Meeting 5 Begin Task 5 – project impacts. Make adjustments to Task 4 as needed.

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Meeting 6* Discuss and research Task 6

Meeting 7* Finalize Task 6 and begin Task 7 analyses.

Meeting 8* Finish Task 7 and make recommendations to the WCRT and EcoRAT

* These Tasks may take several meetings to resolve – therefore, schedule will be adjusted as needed.