

E2 IAG Erosion & Siltation

**Erosion Surveys – Bouldin Dam Tailrace
October 31, 2002**

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Warrior and Coosa Relicensing Projects

Survey Attendees

IAG Members:

Jim Crew John Hornsby Pam McDaniel Bill Sim
Henry Mealing

Other Stakeholders :

Jim Lochamy Harlom Baker

Survey Observations

E2 IAG members were invited to participate in a field erosion survey of the Bouldin Dam Tailrace and Canal to view the area by boat and document erosion “hot spots” as outlined in the E2 Study Plan.

Specific site observations and measurements were recorded by Pam McDaniel and will be reported in an erosion summary report at a later date. In general, there were 2 “active” erosion areas and several “recovering” areas of erosion observed in the canal. Jim Lochamy pointed out a number of areas where APC had performed some erosion control measures by planting test plots of various plant species. These areas were planted during the late 1980’s based on recommendations from the Soil Conservation Service. Harlom Baker pointed out 5 specific areas where APC has performed some major erosion remediation and stabilized eroded areas with rip-rap and bank contouring.

The group discussed and noted the overall improvement in erosion in the tailrace and canal over the past 10 years. John Hornsby suggested that APC consider a “monitoring program” for the active erosion areas instead of immediately implementing fixes. The group agreed with John’s suggestion and pointed out that this “monitoring approach” should be included for all of the active erosion sites which may have the potential to significantly impact the environment. In this way, APC can keep track of erosion areas and can address those that are most problematic and are impacting the environment. This “monitoring approach” will also be included in the upcoming erosion report.

The survey in Bouldin Canal completes the “tailrace hotspot” surveys listed in the E2 Erosion Study Plan.