

I. Refinement of the Colorado CRDSS Model to Better Reflect the Depletion Flows of the Little Snake River

I. Principal Investigator:

Colorado Water Conservation Board  
Ray Alvarado  
1313 Sherman St., Room 721  
Denver, CO 80203  
Phone: (303) 866-3441  
Fax: (303) 866-4474  
e-mail: ray.alvarado@state.co.us

I. Project Summary:

The U.S. Fish and Wildlife Service is in the process of developing flow recommendations for an 82-mile segment of the Yampa River and the Little Snake River below Dixon, Wyoming. The recommendations will be submitted to the Colorado Water Conservation Board (CWCB) for review and implementation as appropriate.

Before the CWCB can file applications in Water Court, the physical and legal availability of the water needs to be evaluated. A refinement update to the CRDSS model would provide a tool that would enable the CWCB to evaluate the following:

- Impacts on the Little Snake River instream flow from different levels and patterns of future water development,
- Amounts, pattern and priority of the base flow water right filing as well as implications of enforcement of the base flow water right and administration of other water rights.

I. Study Schedule:

No work was done in FY99.

I. Relationship to RIPRAP

Little Snake I.C.3

I. Accomplishment of FY 99 Tasks and Deliverables, Discussion of Initial Findings and Shortcomings:

No work was done in FY99 due to personnel constraints. Recommendations:

Determine how the PBO discussions affect the Little Snake.

I. Project Status:

Determine how the pending Yampa PBO will address this issue.

I. FY 99 Budget Status

A. Funds Provided: None

B. Funds Expended: None

C. Difference:

D. 0% of FY 99 work completed, projected costs to complete:

E. Recovery Program funds spent for publication charges:

I. Status of Data Submission:

Existing Phase 3a CRDSS Yampa Model available online at [cdss.state.co.us](http://cdss.state.co.us).