

**ACTIVITY PLAN – EXAMINATION OF WATER MANAGEMENT OPPORTUNITIES
IN THE ENDERS RESERVOIR/CULBERTSON CANAL REGION**

Region: Great Plains
Date: August 18, 2004

NEBRASKA INVESTIGATIONS PROGRAM

Special Study

Total	
Estimated	FY2007
Cost:	
Federal	\$110,000
Non-Federal	\$110,000
Total	\$220,000

Location: Enders/Culbertson Canal region of the Republican River Basin in Nebraska

Description:

- A. Water Resource Management/Development Problems and Opportunities
More efficient management of Republican River Water Supplies can help extend water supplies and meet interstate compact needs in an area with water shortages.

- B. Purpose, General Scope, Key Areas of Concern and Probable Solutions
This study will analyze water management opportunities in an area that has dramatically reduced ground water and surface water supplies from those available when Enders Reservoir was first constructed. Thus efficient and effective management of locally available supplies is highly important for area water users. The study is also occurring in an area where there has been a recent settlement of an interstate lawsuit and where intensive efficient management of interrelated groundwater and surface water supplies will be vital to meeting compact needs and the needs of the area economy.

- C. Relationship to Other Project Purposes:
The Republican Basin has multiple federal multipurpose water projects and multiple irrigation districts. The project has the potential to contribute to all purposes through more efficient use of water.

- D. Work Proposed in FY 2007
The start time for this special study is uncertain.

Justification for Federal Involvement: This is part of a multi-state basin with an interstate compact and a recent lawsuit settlement. It has multiple federal projects and operation of

the projects, irrigation district operations and management of groundwater and surface water are vital to the local economy.

Coordination With State/Federal/Tribes This project will be coordinated with local irrigation districts and local natural resources districts.

Cost Sharing: The Nebraska Department of Natural Resources/State of Nebraska has and plans expenditures in the area that would likely qualify as match. Although they have not yet been contacted about this particular application, local Natural Resources Districts and local Irrigation Districts also have or plan activities in the area which are likely to qualify as match.

Congressional District and Delegation: The project is in Nebraska's third congressional district. Congressman Tom Osborne represents the District.

Study Authority:

GPRA Links: