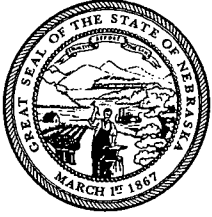


# STATE OF NEBRASKA



DEPARTMENT OF NATURAL RESOURCES  
Roger K. Patterson  
Director

February 10, 2004

IN REPLY REFER TO:

Mike Johanns  
Governor

Jack Wergin  
U.S. Bureau of Reclamation  
P.O. Box 1670  
Grand Island, NE 68802

RE: Semi-Annual Report on Agreement No. 03FC601826 for Improved Hydrologic Data  
Collection Systems for Drought Monitoring

Dear Jack,

Attached is our first semi-annual report for *Agreement No. 03FC601826 Improved Hydrologic Data Collection Systems for Drought Monitoring*. If you need any additional material please let me know. Please note that the report runs through January 29, 2004 which is six months from the date of initiation of our agreement. Last week we separately sent you a billing for activity occurring between our September 30 progress report and that date.

Sincerely,

A handwritten signature in black ink that reads "Steve Gaul".

Steve Gaul  
Head, Planning and Assistance Division

sg  
Attachment

**Semi-Annual Program Performance Report Agreement 03FC601826  
Improved Hydrologic Data Collection Systems for Drought Monitoring  
February 10, 2004**

**A) A Comparison of Actual Accomplishments with the Goals and Objectives Reported for the Reporting Period**

Goals for this project were established for the term of the project rather than for the reporting period. Nonetheless, most of the goals were accomplished during the initial six months of the project. Purchase of all gage monitoring equipment was completed. In addition the full allocation of cost share funds for flow meters was expended. The following items remain to be accomplished: 1) Some additional expenditures on flow meters will be shown in the next reporting periods to indicate that matching requirements have been completely fulfilled, and 2) the purchase of equipment and/or software for a real-time downlink has not yet been accomplished.

**B) Where Project Output Can be Quantified, a Compilation of the Cost Per Unit of Output**

Meters purchased under this agreement cost an average of \$481 per meter in combined Bureau and state cost and approximately the same amount in landowner cost share for a total of approximately \$962 per meter for 432 meters.

**C) When Appropriate, Reasons Why Goals and Objectives Were Not Met**

All items anticipated to be complete by this date have been completed. The real-time downlink item has not yet been completed. This is because we are still trying to determine the most cost effective method of downloading real-time streamgaging data.

**D) Other Pertinent Data**

It is anticipated that some additional meters will be purchased at state and landowner expense and be referenced in a future report in order to demonstrate that matching requirements have been met. It is expected that the project will be completed on time.

As of January 29, 2004, \$218,002 in reimbursable expenditures had occurred as part of the project. The total reimbursable expenditures allowed under the cooperative agreement are \$238,000.