



## In this issue:

- Value Engineering
- Upcoming Meetings

## Value Engineering Study

In August, the Garrison Diversion Conservancy District (Garrison Diversion) completed a value engineering study on the Red River Valley Water Supply Project (RRVWSP) transmission pipeline. A value engineering study is required by the Bureau of Reclamation for such an extensive project.

Value engineering is defined as a systematic and organized way to develop and compare alternatives that will get the job done with the greatest efficiency, economy, quality and the least delay. Recommendations, rather than decisions, are made through the value engineering process.

The value engineering study ensures the RRVWSP is properly designed and that it is the best value for the federal government. The process serves as a forum to fully brief Reclamation and other stakeholders on judgments that were made over the course of the last year.

Garrison Diversion requested Statements of Qualifications and Preliminary Proposals from firms to provide value engineering for the design of the RRVWSP. Robinson, Stafford & Rude, Inc., of Florida, was hired to complete the value engineering study. The firm used experts from several fields to provide feedback on the RRVWSP.

More than 10 organizations were represented at the value engineering study, specializing in pipelines, cost estimating, and construction.

A draft report was issued to Garrison Diversion for review. Designers are evaluating recommendations made by the value engineering team.

Garrison Diversion requested cost share funding from the State Water Commission to complete the value engineering process. The request was approved for an amount not to exceed \$200,000, reimbursed at 90%.



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## Upcoming Meetings

Lake Agassiz Water Authority Board of Directors

**December 8, 2010, 10:30 AM, Ramkota—Bismarck, ND**

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