

January 7th, 2013

**Arkansas River Litigation Funds Advisory Committee
2009 E. Spruce
Garden City, Ks 67846
(620) 275-7147**

The meeting of the Arkansas River Litigation Funds Advisory Committee was called to order by Chairman, Randy Hayzlett on January 7th, 2013 at 9:12a.m. The meeting was held at the Southwest Kansas Groundwater Management District Office located at 2009 E. Spruce Street, Garden City, KS.

Members Present by phone or in person (*Voting):

Randy Hayzlett *	Committee Chairman and South Side Ditch Representative
Ron Conway*	Committee Vice-Chairman and Great Eastern Representative
Steve Hines*	Frontier Ditch Representative
Al Knoll *	Garden City Ditch Representative
Hal Scheuerman*	Amazon Ditch Representative
Tim Gillan*	Farmers Ditch Representative

Diane Coe	KWO Basin Planner
David Brenn	Kansas ARCA Representative, GMD3 Board (Surface Water)
Mark Rude	Committee Treasurer, GMD3 Executive Director
Patty Stapleton	Committee Recording Secretary, GMD3 Office Administrator

Others in Attendance

Brandy Cole	DWR
Jason Norquest	GMD3 Assistant Manager
Trevor Ahring	GMD3 EIT/GIS
David Becker,	Finney Co. Water Users

Absent with Notice

Kevin Salter	Interstate water engineer, DWR
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Agenda and Meeting Minutes Approval

Chairman Randy Hayzlett asked for discussion on the meeting agenda. Steve Hines moved to approve the agenda as presented. Hal Scheuerman seconded. Motion passed with all in favor.

Mark Rude read the minutes from the September 20, 2012 meeting. Corrections were completed during the reading. Steve Hines moved to approve the minutes as revised. Al Knoll seconded. The motion passed with all in favor.

Financial Report

Mark Rude reported on the financials for September 20th, 2012 and January 7th, 2013. After some discussion Al Knoll moved to approve the financial statements for September 20th, 2012 and January 7th, 2013 and submit them to annual audit. Steve Hines seconded. Motion passed with all in favor.

Projects Update

System Optimization Review

Mark Rude stated to those in attendance that the System Optimization Review is an opportunity to look at the whole set of project needs. Prior discussions had occurred with each Ditch Committee Chairman to discuss how the System Optimization Review could be beneficial for each ditch. Mark asked for a categorized and itemized list from each Ditch Committee laying out each item and importance. Review of each list will then be completed and the top priority items will be chosen by the committee. Much discussion was held. Mark ended the System Optimization talk advising a one year extension will be asked from Bureau of Reclamation, due to lack of water flow for data collection. He stated he is hopeful it will be granted.

Southside ADS Status

There was no change to report on the Alternate Delivery System.

Amazon Headgate Completed

Hal Scheuerman reported concrete is done and everything is working well.

Frontier Flume Completed

Steve Hines reported that the 3 bolts that were broke have yet to be replaced. He plans on being there when the bolts are replaced to determine how they are placed.

Amazon Flume Evaluation

Hal Scheuerman handed out an Evaluation on the Amazon Flume, Phase 2. This was completed by Wright Water Engineers, December 2012. The Amazon Ditch executive committee reviewed the history of the structure. It was originally constructed in 1954 to convey water in the Amazon Ditch across the Sand Creek drainage near Lakin, KS. Wright Water Engineers assembled a team that analyzed the hydrologic, hydraulic, structural, permitting and safety considerations for the flume improvements. Several options were listed to utilize portions of the existing structure.

- 1) 3.2 rehabilitate the existing timber flume and replace steel superstructure
- 2) 3.3 replace the existing timber flume and replace steel superstructure
- 3) 3.4 replace the timber flume with a fiber reinforced polymer flume
- 4) 3.5 replace the timber flume with new full size steel pipe

Several alternatives were considered and described to completely replace the existing structure.

- 1) 4.1 Concrete U-tub flume on new cap and column piers
- 2) 4.2 Concrete U-tub flume on concrete box culverts.
- 3) 4.3 Earthen fill flume on concrete box culverts
- 4) 4.4 Inverted siphon
- 5) 4.5 Steel plate trough
- 6) Large diameter pipe.

The alternative that was highly recommended and considered was: 4.1. concrete U-tub flume on new cap and column piers. This would completely replace the existing timber flume superstructure and substructure with a deep precast, precast or cast in place reinforced concrete U-tub. This alternative would allow operational efficiency, flame resistance and a long life span.

Factors for evaluation criteria were completed by using a weighted score. The criteria that was used to evaluate the structure was: capital cost, life span, flame resistance, operational efficiency improvements and maintenance, constructability, proven technology, safety, compatibility with existing hydraulics, environmental consideration and design reliability. A summary of probable cost was displayed for alternative 4.1: the total capital cost was \$750,000 with professional services cost totaling \$225,000 and adding 20% contingency for unforeseen issues, came to a total of \$1,200,000.

Mark reviewed the short time frame to seek a WaterSMART grant to leverage project funds, and GMD3 staff would look at crafting a submittal. The consensus of the committee was to look at a submittal and discuss further at a later date.

Preferred Interstate Supply Evaluation

The Preferred Interstate Supply Assessment was set up to review the evaluation of how to optimize the supplies from Colorado given the new administrative framework in both Kansas and Colorado. \$100,000 was established to review the questions that were involved. Mark refreshed the committee regarding the cost breakdown. LiDAR data for a recharge project is still in the works and more information will be conveyed in the future. Mark asked the committee if a new evaluation of Colorado reservoirs built after the compact and the effects of paper Headgate efficiency on Kansas flows this is a project to undertake and further evaluate under this project. After much discussion, the committee agreed to pursue a proposal and would encourage the state of Kansas to cost share for a more complete study. Ron Conway moved to pursue a proposal and would encourage the state of Kansas to cost share for a more complete study. Tim Gillan seconded. Motion passed with all in favor.

Committee member reports

Tim Gillan reviewed with the committee some thoughts from the Finney County Water Users Association and distributed two unsigned documents: A January 7, 2013 one page letter statement to the Committee on Projects for Efficiency Feasibility Study and a two page position paper regarding the Alternative South Side Delivery System. The documents were generally reviewed and are made an attachment to the minutes of the meeting for further consideration.

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Agency Reports

Mark briefed the committee on the Bureau of Reclamation, proposed Basin Study and asked if they would be comfortable providing a full proposal. A letter of interest is needed to proceed. Steve Hines moved to proceed with a letter of interest. Hal Scheuerman seconded. Motion passed with all in favor.

Diane Coe indicated that the Kansas Water Office had nothing specific to report.

Mark turned the committees' attention to a letter from the City of Lakin asking for consideration regarding the use of Arkansas River settlement funds. Since 2007 the water supply for the City has been in violation of Radionuclide Standards, mainly Uranium in the ground water. The treatment that was performed by the City of Lakin to remove the Uranium has placed a financial burden on the Lakin residents. Mark will respond to Lakin stating more research will continue on locating the cause and effect source and any benefit to reducing transit losses of river water by City wells.

Project Funding Requests

South Side Phase II

Randy Hayzlett stated they had met with Klaver Construction to get an estimate on replacing structures. To date no estimate has been provided. Randy will have more information at the next meeting.

Amazon Flume Reconstruction

Hal Scheuerman stated that the decision for reconstruction is at this committees' level. They are asking for 1.2 million dollars in funding. Ron Conway stressed the importance of the Amazon Flume. After some discussion, Mark Rude will proceed with a WaterSMART Grant and report at the next meeting. No action was taken.

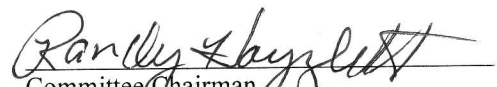
Future Meeting

A future meeting will be announced when scheduled.

Adjournment

Hal Scheuerman moved to adjourn the meeting at 12:31 p.m. Al Knoll seconded. Motion passed. Meeting was adjourned.


Recording Secretary


Committee Chairman