



**LOWER PLATTE SOUTH**  
natural resources district

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## Memorandum

**Date:** October 17, 2018  
**To:** Each Director  
**From:** Paul D. Zillig, General Manager  
**RE:** Water Resources Subcommittee Meeting Minutes.

The Water Resources Subcommittee met in the NRD Office at 5:30 p.m. on Tuesday, October 16, 2018. Subcommittee members present included Don Jacobson, Karen Amen, Bob Andersen, Deborah Eagan, Greg Osborn, David Landis, Gary Hellerich, and Chelsea Johnson. Others present included Ray Stevens, Larry Ruth, Dan Snow of UNL, Dick Ehrman, Steve Herdzina, David Potter, Dan Schulz and myself.

Chair Jacobson called the meeting to order and called on Dick Ehrman to open the discussion on the Vadose Zone Sampling Project Technical Report. Ehrman provided some background information and introduced Dan Snow, PhD, with the University of Nebraska Water Sciences Laboratory. Snow presented a power point on the vadose zone sampling completed at six locations across the LPSNRD (including 4 wellhead/CWSPA areas). The results showed a range of levels of nitrates between the root zone and the ground water.

*(Agreements, contracts, maps, and materials mentioned in this memo were included with the October 11<sup>th</sup> Board memo Water Resources Subcommittee – Background Info)*

The next item on the agenda was Board meeting agenda item #9a. **Consideration of the Upper Salt 3-A Watershed Rehabilitation & Southwest 2nd Street Relocation Interlocal Agreement with Lancaster County:** The NRD and USDA/NRCS will be rebuilding this dam to “high hazard” standards. Stagecoach Road is located on top of the dam and that road will be closed during construction. Southwest 2nd Street currently “T” intersects with the dam and is located in the emergency spillway of the dam, today’s standards will require SW 2nd Street to be relocated. Potter reviewed the agreement that spells out the responsibilities of both the County and NRD for the rehabilitation of the existing dam and the relocation of SW 2nd Street to the east of the dam. Most of the cost will be paid by the NRD with 65% reimbursement from USDA/NRCS from the Watershed Rehabilitation Program, for most of the project. It was moved by Andersen, seconded by Landis, and unanimously approved to **recommend the Board of Directors**



**approve of the “Interlocal Agreement for the Upper Salt 3-A Watershed Structure Rehabilitation Project and Realignment of SW 2nd Street at Stagecoach Road” with Lancaster County.**

The next item on the agenda was Board meeting agenda item #9b. **Consideration of the approval to acquire landrights, and professional services contracts (appraisals and acquisition services) for the Upper Salt 3-A Watershed Rehabilitation/ Southwest 2nd Street Relocation Projects:** Potter reported that the NRD is responsible for the acquisition of all landrights for the project and he reviewed a landrights map for the project. The NRD will need to obtain appraisals for the necessary landrights, a “yellow book” appraisal review to meet federal funding standards, and negotiation/acquisition services. Potter reviewed proposals from Great Plains Appraisal, Inc (\$18,000); RL Keith Consultant, Inc. (\$6,375); and Midwest Right of Way Services, (\$18,260). It was moved by Andersen , seconded by Osborn, and unanimously approved by the Subcommittee to **recommend the Board of Directors authorize the acquisition of landrights for the Upper Salt 3-A Watershed Rehabilitation/Southwest 2nd Street Relocation Projects and the approval of the professional services contracts with Great Plains Appraisal not to exceed \$18,000, RL Keith Consultant, Inc, not to exceed \$6,375, and Midwest Right of Way Services, not to exceed \$18,260, subject to legal counsel review.**

The next item on the agenda was Board Meeting agenda item #9c. **Consideration of USGS Annual Stream Gage Operation Agreement:** I reported that the NRD annually contracts with USGS to operate and maintain 16 stream gages. I reported the cost to the NRD is \$111,540 and \$46,520 for USGS. It was moved by Amen, seconded by Chelsea Johnson, and unanimously approved by the Subcommittee to **recommend the Board of Directors approve the 2019 Joint Funding Agreement with USGS for the operation of 16 stream gages.**

The next item on the agenda was Board meeting agenda item #9d. **NRD Water Sampling Truck Video:** The NRDs new water sampling truck has been in use this summer. NRD Social Media Assistant Emily Hergenrader (part-time) worked with NRD Water Resources Conservationist, Steve Herdzina to put together this informative video showing all that is involved as staff collects hundreds of water samples each year. The Subcommittee viewed the video which will be shown at the Board Meeting.

Staff then give reports on Watershed Rehab projects Oak-Middle 82-B, extending the agreement for Upper Salt 3-A and Oak-Middle 82-B, AEM Flight updates for ENWRA, Upper Salt 18-5 construction status, and CWSPA Phase 2 Verification Study updates for Greenwood, Emerald, and Pleasant Dale.

There being no additional business the meeting adjourned at 6:35 pm.

PDZ/pz

cc: Steve Seglin