



LOWER PLATTE SOUTH natural resources district

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Memorandum

Date: December 11, 2020
To: Each Director
From: Paul D. Zillig, General Manager
RE: Water Resources Subcommittee Meeting Minutes.

The Water Resources Subcommittee met via video/teleconference at 5:30 p.m. on Thursday, December 10, 2020. Subcommittee members participating included Bob Andersen, Chelsea Johnson, Vern Barrett, Greg Osborn, and Dave Landis. Others accessing the meeting included Directors Deborah Eagan and Larry Ruth, Dale Schlautman and Sydney Corcoran of EA Engineering, Dave Hume of LRE/Water, Tracy Zayac, Mike Murren, Steve Herdzina, Nathan Kuhlman, Jared Nelson, Dick Ehrman, Dan Schulz, and myself.

Chair Andersen opened the meeting and welcomed those in attendance. The first item on the agenda was to hear a report on the Phase 2 Community Water System Protection Area (CWSPA) Verification Studies for Emerald, Greenwood and Pleasant Dale. Dick Ehrman provided a summary actions to get to this point (attached) and introduced Dale Schlautmann who reported on each of the areas and the finding in the report. The conclusions were that the higher nitrate levels were from non-point sources. Staff will continue to work with the communities on public outreach and next steps.

The next item on the agenda was to consider Amendment #3 to the Upper Salt 3-A Reimbursable Agreement with USDA/NRCS. Murren reported that NRCS informed us recently that for the NRD to receive reimbursements from NRCS we will need to extend this agreement for 1 additional year. Due to the current agreement expiring prior to the Board Meeting, upon Subcommittee's recommended approval, the General Manager will sign the agreement and the Board will need to ratify the approval.

The Subcommittee discussed the project and agreement, acknowledged that we need to bring these to the Board earlier for their approval. It was moved by Landis, seconded by Osborn, and unanimously approved by the Subcommittee members participating to **recommend the Board of Directors approve Amendment #3 to the Upper Salt 3-A Reimbursable Agreement with USDA/NRCS and ratify the General Manager's approval of the Agreement.**

The next item was a review of the Dwight-Valparaiso-Brainard Special Management Area (DVB SMA) hearing process, for the Ragusa Trust probable violation, at next week's Board Meeting.

The next item was a report by Ehrman and Hume that the Monolith Draft Hydrogeologic Analysis Report was submitted this week and they've started their review of the 122 page report and data. They will report again next month about their review.

The final agenda item was a report by Murren on construction activities at Oak-Middle 82-B and Upper Salt 3-A. Construction is nearing completion at Oak-Middle 82-B with all dirt work finishing up and only a few items remaining (i.e. fencing, seeding, etc). The work is moving along quickly at US 3-A, good progress is being made on this large project. I did report that we are having discussion with the Oak-Middle 82-B contractor's (Goes Construction) bonding company concerning additional costs, delays, and payment issues. We are working to resolve those issues.

There being no additional business the meeting adjourned at 6:55 pm.

PDZ/pz

Encl. 2

cc: Steve Seglin & Corey Wasserburger

Paul Zillig

Subject: Background info for WRS-EA Verification Study reports

Water Resources Subcommittee Meeting – REPORT ON PHASE 2 CWSPA (Community Water System Protection Area) VERIFICATION STUDY FOR EMERALD, PLEASANT DALE, AND GREENWOOD.

LPSNRD's Groundwater Management Plan sets out parameters for designated areas of management to be designated as Groundwater Quality Management Areas (GWQMA) for various concerns such as high nitrate. One type of area of management are the Community Water System Protection Areas (CWSPAs), which are the areas surrounding public water supply wells. If 50% of the groundwater wells sampled in an area exceed 50% of the federal Maximum Contaminant Level (MCL) for a contaminant, that triggers a two-year Verification Study of those areas to document that contaminant levels are in fact that high, and to determine whether those contaminants are all or in part the result of nonpoint sources. If so, the area can be designated as a Phase II GWQMA after a public involvement process. If 80% of the wells exceed 80% of the MCL, that triggers an additional study to determine if the area should be delineated as a Phase III GWQMA. State law gives the NRDs authority to implement various requirements and practices in GWQMAs. In 2017, sampling from the public supply wells for Lancaster County Sanitary Improvement District #6, serving the Village of Emerald, as well as those for the Village of Greenwood, indicated that those wells had exceeded the Phase II trigger. In addition, samples from the Village of Pleasant Dale's wells as well as existing dedicated monitoring wells indicated that those wells exceeded the Phase III trigger. As a result, in 2018, LPSNRD contracted with EA Engineering, Science, and Technology from Lincoln to conduct Phase II investigations for Emerald and Greenwood as well as additional Phase III studies for Pleasant Dale. These investigations, including review of existing data, shallow and deep soil sampling, and installation of dedicated groundwater wells, have been completed for these three CWSPAs. Representatives from EA will join LPSNRD Groundwater Staff to present a summary of these investigations, and describe upcoming public education efforts for these three studies. If you have any questions prior to the WRS meeting, feel free to contact Dick Ehrman.

Dick Ehrman
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AMENDMENT NO. 3
to
AGREEMENT FOR NRCS SERVICES
between the
LOWER PLATTE SOUTH NATURAL RESOURCES DISTRICT
and
UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

Relative to: NRCS Cooperative Agreement No. 69-6526-4-871
Watershed Rehabilitation of Upper Salt Creek Watershed Site 3-A

Purpose: To extend the performance period end date from December 15, 2020 to December 15, 2021.

The following paragraphs to the agreement are hereby revised:

PERIOD OF PERFORMANCE

This reimbursable agreement is effective when signed by all parties and expires December 15, 2021. All work shall be performed and completed within the agreement period.

Except as provided herein, all other terms and conditions of the original agreement and any previous amendments remain unchanged and in full force and effect.

AUTHORIZED SIGNATURES

LOWER PLATTE SOUTH NATURAL RESOURCES DISTRICT	
BY:	
TITLE:	Paul Zillig, General Manager
DATE:	

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE	
BY:	
TITLE:	Craig Derickson, State Conservationist
DATE:	