



Memorandum

Date: March 9, 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 Thursday, March 8, 2018. Subcommittee members present included Don Jacobson, Karen Amen, Bob Andersen, Dave Landis, and Chelsea Johnson (arrived @ 6:30 due a prior commitment). Others present included Tim Benes of Weston, Gery Benes of Valparaiso, Jessica Kolterman of Lincoln Premium Poultry, Nathan Habe of Malcolm, Jonathan Mohr of Malcolm/JEO, Dan Schulz, Nathan Kuhlman, Dick Ehrman, Dave Potter and myself.

Chair Jacobson called the meeting to order and called on Dick Ehrman to introduce our first agenda item. Ehrman reported that we have received two applications for preliminary water well permits from Chris Benes of Valparaiso. Ehrman stated that NRD Rules and Regulations require all well permits in the Dwight-Valparaiso-Brainard Special Management Area (DVB SMA) be approved by the NRD Board of Directors (see attached Section R, Rule 2(f)(ii)). Ehrman reviewed the process and reviewed the attached applications to install wells to provide water for Benes' poultry operation.

Jessica Kolterman addressed the Subcommittee and explained that Lincoln Premium Poultry is working with all the growers that will provide chickens to the new processing facility (Costco) in Fremont. Kolterman talked about the amount of water needed to raise chickens and discussed the need to have a well that can provide 60 gpm. She stressed the Lincoln Premium Poultry requirement for all producers to obtain voluntary permits from NDEQ and that the wells are metered (also a LPSNRD requirement).

Amen relayed some concerns from the area about incorporating the chicken manure into the soil and making sure the nutrients didn't contaminate the aquifer. Kolterman stated that all growers are required to get a nutrient management permit from NDEQ and the growers will test the soil and apply nutrients accordingly. Benes later added that much of their land is low in phosphate so the phosphate is needed. Ehrman reported that the groundwater in this area is not close to the surface so groundwater contamination is unlikely.



It was moved by Landis, seconded by Andersen, and unanimously approved by the subcommittee members present to recommend that the Board of Directors approve the two preliminary well permits for Chris Benes (LPSP-180392 & LPSP 180393), located in Township 13 North, Range 5 East, Section 19, Saunders County (DVB SMA). (all motions will require a second at the Board Meeting due to there not being a quorum present at the Subcommittee Meeting).

The next item on the agenda was to consider a request from the Village of Malcolm for assistance with their proposed Malcolm Aquifer Sustainability Assessment Project. Ehrman reported that he has met with Malcolm several times concerning the study. Nathan Habe of Malcolm explained that they are not looking to install a new well but want to better understand the groundwater resources of their wellhead protection area. Jonathan Mohr also addressed the Subcommittee. Together they discussed the \$35,000 study.

It was moved by Andersen and seconded by Landis to recommend the Board of Directors approve a 50% cost-share agreement with the Village of Malcolm not to exceed \$17,500 (50% of total project costs of \$35,000) under the Community Assistance Program to support the Malcolm Aquifer Sustainability Assessment Project. The motion was later unanimously approved.

Mohr discussed that the Village is requesting 80% cost share. Staff reported that the NRD's Community Assistance Program provides 50% cost share on the "community's share of the cost" and staff would recommend we continue to limit participants to that cost share level. The Subcommittee discussed this and agreed that the 50% cost share level seems very fair.

The final action item on the agenda was to consider contracting for some additional database services from Phoenix Web Group. Kuhlman updated the Subcommittee on the progress to date and reviewed the additional services that have been budgeted for and are listed on the attached change order in an amount of \$10,800. Staff reported on how the database development has evolved and this additional work will improve the ability to share information with landowners and have more information available. The Subcommittee discussed the additional work and some concerns that the work wasn't proposed originally. Staff reported that the site is evolving and technology continues to change, presenting opportunities for updates that will further improve the database and our ability to share that information with cooperators.

It was moved by Andersen, seconded by Landis, and unanimously approved by the Subcommittee to recommend the Board of Directors approve Change Order No. 2 for the Software Development Agreement with Phoenix Web Group for improving database communications with landowners.

Staff then updated the Subcommittee on next month's AEM Presentation on April 4th, the Groundwater Annual Review will be sent out and presented at the April Board Meeting, the Upper Salt 3-A watershed rehab project will include a SW 2nd Street road relocation and a public meeting will be held in the Sprague area, the Oak-Middle 82-B rehab project was

presented at a landrights hearing last month in Garland so the appraisal of damages will begin soon, Cass County has requested 50% cost-share assistance to replace the Alvo Road bridge (near 283rd) that is located in the floodpool of Weeping Water 6g, all meter readings have been submitted, the Dwight-Valparaiso-Brainard SMA Advisory Group meeting will be held in Valparaiso next week and we anticipate the repairs to Plattsmouth 18-A to begin next month once an agreement with the contractor is finalized.

There being no additional business the meeting adjourned at 6:50 pm.

PDZ/pz

cc: Steve Seglin

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