

Operations & Education Committee Meeting
Wednesday, December 28, 2016 8:30 AM
Lower Platte North NRD Office
P.O. Box 126
Wahoo, NE 68066

1. UNFINISHED BUSINESS

2. WILD NE/CREP REPORT

Through our Game & Parks Wild NE grant the tree removal contractor has not started at Czechland.

There are no CREP payments.

3. OPERATION & MAINTENANCE & OTHER ITEMS

We have filled in some erosion areas below the Wanahoo dam and will continue when weather permits. Continue equipment and vehicle maintenance. Posted signs to keep ice fishermen on the roads at Wanahoo. Did a quick inspection over our watershed dams. Continue cutting volunteer trees in many locations. There are many tree piles to burn as weather permits.

3.A. Fremont GI Study

The Non-Federal Partners met with FYRA Engineering on December 15. FYRA has performed a "Platte River Hydrology & Flood Frequency Analysis Report for the Federal Levee System". This analysis was done for the Papio-Missouri NRD on the federal levee systems along the Missouri & Platte Rivers at the confluence. Using the Louisville gage analysis they have found that there is a significant reduction in flows of roughly 48,000 cfs pertaining to flood frequency. This review was accepted by the Corp and FYRA is now working with FEMA. If this reduction is so on the lower portion of the Platte River, it may very well pertain to the Platte River up to Columbus and would affect the Fremont GI Study and how that levee system is designed.

The Non-Federal Partners would like FYRA Engineering to do an analysis on the Platte River at Fremont. This would be done in a two-step approach; first they will do a data/report review, model and gage analysis to see if the Corps numbers are correct. This would take 3-4 days, estimated at 32 hours at \$125/hr = \$4,000. If the Corps number is wrong, it would take another 3-4 days to calculate new numbers, an additional \$4,000, to determine new cfs discharges. These study cost would be shared by the Non-Federal Partners.

3.B. Rawhide Land Partnership Paul Gifford

We continue to work with Fremont and Paul Gifford for placement of the box culvert.

Yesterday (12/27) we were informed by Fremont that they are working with Gifford and may ask that we buy out of our commitment to Gifford and that the city would assume the liability. We will work with the city to see what the financial cost would be for LPNNRD.

3.C. Sand/Duck Creek Dam Deficiency Items

Heimann has been communicating with the COE on the deficiencies on the Sand/Duck Creek Dams. As time has pasted since construction was completed, there are areas of concern that need to be addressed since the project has not been closed out. There are still concerns over the trash racks after modifications were made post construction, erosion issues in the emergency spillways in which land treatment is needed on the neighboring property and/or the property line, tile outlets that were destroyed and/or covered on a terrace system at Site 16 and wetland pockets that have developed in some emergency spillways. Find all correspondence and descriptions on the issues between the NRD and COE attached.

3.D. Breach Inundation Mapping on Watershed Dams

Mountford and Heimann will be organizing meetings with County Zoning and Emergency Management officials after the first of the year. We will to go over the JEO Breach Mapping data to help each County recognize where not to permit building around and below our watershed dams.

3.E. Arbor Day Foundation Trees

Annually we purchase approximately 1,000 packaged trees from the Arbor Day Foundation for educational purposes during April to observe Arbor Day and Earth Day. We distribute 500 to the Fremont Eco Fair, 300-350 to Conservation Sensation Day and 200 or so to other request.

3.F. Wanahoo Lake Level

Mountford has put together a Lake Wanahoo 408 RFP letter for engineering firms. Find this letter attached. This information will also be advertised for three weeks.

3.G. Wanahoo Dump Station

The general contractor, Uleman Enterprises and sub-contractor M.E. Collins have started the dump station. M.E. Collins has placed fabric and rock aggregate on the road. Uleman has bored in 600+ feet of 2" force main and dug the pit for the pump station area.

Attached find an application for payment from Uleman Enterprises for the Pump Station which was purchased and now in storage. The requested amount for payment is \$20,052.50.

A subsequent application for payment came in the day of Committee meeting for \$62,493.66 from Uleman Enterprises with the pump station equipment it also includes mobilization, earthwork, aggregate surfacing & fabric and 2" force main. The committee motion was changed to reflect paying for the current materials and services.

4. ROCK AND JETTY

5. EROSION & SEDIMENT RULES & REGULATIONS

The Natural Resources Commission approved the District's Erosion and Sediment Rules and Regulations at their Dec. 12th meeting. Find the approval letter attached from DNR.

We now need to issue the order for approval with a recommendation. With that Order the District will advertise that Order for 3 weeks.

6. INFORMATION AND EDUCATION

6.A. Information

6.A.1. Radio & eAds

The KTIC radio ad and the Wahoo Newspaper eAd for January will promote the 2017 schedule for the Nitrogen & Water Management Certification Classes.

6.A.2. Long Range Plan

Staff have been working to complete updates for the FY 2017 Long Range Plan.

6.A.3. Viaduct

The next issue of the Viaduct has been sent to Suburban Newspapers for printing and will be distributed to area newspapers on January 10th. Distribution is planned for the following newspapers: Fremont Tribune, David City Banner Press, Schuyler Sun, Columbus Telegram, Albion News, Newman Grove Reporter, Humphrey Democrat, Wahoo Newspaper, North Bend Eagle, and the Ashland Gazette.

6.B. Education

6.C. Computer

7. RURAL WATER SYSTEMS

Continuing to gather model and pricing information for a new handheld, radio meter reader. Hope to have a new device purchased in the next month or two.

7.A. Colon System

Monthly water samples have been taken and delivered to the State labs and meter readings have been uploaded to our software. Bills will be sent out this week.

Approximate flow rate information has been supplied to Colon Rural Fire Department to assist them in planning for a proposed new fire hall.

Plan to meet with Colon Village board in January to inform them of our monthly billing charge for their sewer service.

7.B. Bruno System

Monthly water samples have been taken and delivered to the State labs and meter readings have been uploaded to our software. Bills will be sent out this week.

7.C. Other

8. Adjournment