

Operations & Education Committee Meeting
Wednesday, May 30, 2018 8:30 AM
Lower Platte North NRD Office
P.O. Box 126
Wahoo, NE 68066

1. UNFINISHED BUSINESS

There is nothing on the table.

2. WILD NE/CREP REPORT

Dan Ourada is almost finished reseeding the grass land area of Czechland. We should have the billing for his services by Board meeting. This is cost-shared through Wild NE and Game & Parks.

3. OPERATION & MAINTENANCE & OTHER ITEMS

The O & M staff has been planting trees and should finish it week. Started watershed dam inspections and maintenance on the Swedeburg and Cottonwood dams and Rawhide Ditch. Cleaned out beaver dams at the Rawhide Ditch Diagonal, the silt dam at the tail end of Czechland Lake and below Cottonwood 6-E. Also routine vehicle maintenance.

3.A. Wanahoo SRA

The weekend camping at Lake Wanahoo is going well as most all camps sites are full. The lake level has been held one foot down (1209) or slightly lower all spring. All the over head lights are working properly, a previously report stated some were out or blinking.

3.B. Wanahoo Dam

Peerless Compaction Grouting has sent three options to which the joints in the spillway can be sealed;

Option #1

Pressure wash and prep joint with bonding agent

- Fill bottom of joint with pea gravel to use as void filler and support for fill material
- Apply Fill material to top of joint (it should be understood fill material will lose adhesion from one side of joint during movement of culvert)
- Grout joint below fill material with ST-504 per manufacturer's instructions (see attached)

Option #2

Pressure wash and prep joint

- Install a polyethylene closed cell backer rod
- Apply self leveling caulk

Option #3

Pressure wash and prep joint

- Install 2 layers of ST-591 per manufacturer's instructions (see attached)
- It should be understood this process will remain below surface level
- A topical layer of filler material (hydraulic cement) can be added if requested

The DNR Dam Safety Engineers are recommending Option 2 or 3.

The cost for these options are; Option #2 - 300 LF of joint repair at \$48.00 per LF - \$14,400.00

Option #3 - 300 LF of joint repair at \$64.00 per LF - \$19,200.00

Peerless Compaction recommends Option 3 with this statement "We have had great success with Option 3 and this would be the one we recommend. We install ST-591 on a regular basis in wet conditions, we would actually have to wet the surface if it was dry to promote adhesion. This repair method was the process we used for Devin Biesecker and the LPSNRD". Also - "We can propose to install one or both on location and have you or the appropriate representative make the determination.

We do not offer any warranties on these processes above a 1 year workmanship, however, we have used the ST-591 for many years and have not been called back due to failure".

The Committee would like staff to inquire to other Engineering firms and concrete companies for possible solutions.

3.C. Fremont Section 205

Letters were sent to our partners for reimbursement for this final Section 205 Study for non-structural planning. Inglewood has paid and the request is on the City of Fremont's agenda.

3.D. Tree Program

Tree planting should be completed this week. We planted at 13 different sites in five counties a total of 7,100 trees and shrubs.

3.E. Thorson Dam

John Thorson contacted the NRD with concerns regarding shoreline erosion on the face of the dam on his property. Mr. Thorson was also present for the Committee meeting. This dam is Swedeburg Site B-2. Heimann has inspected the dam and will be in contact with DNR Dam Safety to discuss this issue and others involving Swedeburg Dams.

4. ROCK AND JETTY

The end of the fiscal year is approaching, the Bank Stabilization budget is \$10,000. We have spent \$2,000 on Kay Poppe, \$2,000 on Country Bros. LLC, withholding \$1,566.13 for North Bend. If we assist North Bend, the spent budget would be \$5,566.13 with \$4,433.87 remaining. Recommend paying Poppe an additional \$50 to get it to 50% cost share, pay North Bend, pay Country Bros. LLC \$4,383.87 to spend the Bank Stabilization budget.

5. INFORMATION AND EDUCATION

5.A. Information

5.A.1. Radio & eAds

The KTIC Radio Ad and Wahoo Newspaper eAd for June will feature the importance of having valid permits to chemigate.

5.B. Education

5.B.1. Recognition Banquet

The annual Recognition Banquet will be held on Sunday, June 24th at Czechland Lake Recreation Area. Social hour will begin at 5 pm, dinner at 6 pm, followed by awards at 7 pm.

Please RSVP by Friday, June 15th.

5.B.2. Fertig Prairie

The Wachiska Audubon Society has invited the Lower Platte North NRD to a special open house event on the Fertig Prairie. The event will be on Saturday, June 30th from 2-4 pm. At 2:15 there will be an informal presentation with introductions and discussion. The official invitation letter is attached.

5.B.3. Education Programs

There are several education programs scheduled for June-July at Lake Wanhoo State Recreation Area.

The following event has been coordinated in partnership with Saunders County 4-H.

- June 1st: Outdoor Recreation Workshop (Saunders County 4-H, Desirae TePoel, LPNNRD Summer Interns)

The following events have been coordinated in partnership with the Wahoo Kids Summer Institute.

- June 7th: Water Workshop (Daryl Anderson/Water Department, Desirae TePoel)
- June 14th: Water Workshop (Daryl Anderson/Water Department, Desirae TePoel)
- June 15th: Disc Golf Workshop (Bret Schomer, Sean Elliott, Desirae TePoel)
- June 22nd: Disc Golf Workshop (Bret Schomer, Sean Elliott, Desirae TePoel)

6. RURAL WATER SYSTEMS

6.A. Colon System

On 5/15 Elliott, Benal and Doukulil repaired the leak on the 4" main south of well. On 5/21 the same crew repaired a leak from an abandoned service line at the Johnson residence on Oak street.

Bills and testing completed as normal.

6.B. Bruno System

Bills and testing completed as normal.

6.C. Other

7. Adjournment