

Operations Committee Meeting
Thursday, April 30, 2020 8:00 AM
Lower Platte North NRD Office
P.O. Box 126
Wahoo, NE 68066

1. UNFINISHED BUSINESS

We do not have any unfinished business to consider.

2. WILD NE AND OTHER PROGRAMS

We have nothing to consider for Wild NE and other Programs.

3. OPERATION & MAINTENANCE & OTHER ITEMS

The O & M crews is monitoring beaver issues on two of our Cottonwood Dams, we also dug out beaver dams at the three culverts on the Rawhide diagonal ditch. We continue to cut volunteer trees. We packaged trees and delivered them to the NRCS offices and completed one planting. Repaired the gear box on the tower to one of the water management gates on the Wanahoo Dam.

A. Clear Creek Levee Repairs by Corps of Engineers

The Contractor has made arrangements with UPRR to use 5-6 trains with approximately 110 cars each to deliver rip-rap to the Co-op in Mead. They will then attempt to unload the train in 2-3 days. Hauling rock to the levee from sunrise to sunset. The hope is to receive one train/week. This process will last 5-6 weeks. They/we are working with Thomas Lakes Homeowners Assoc./residents because this rock work will be very disruptive.

They have placed all rock surfacing on the top of the levee (road surface) and have finished all the work on the north end of the levee. They are still waiting on BNSF RR on permitting to work on an adjacent berm within the Fuse Plug area at the Guard Camp. Beginning to seed areas that are completed.

Overall the work is progressing very well.

B. Rawhide Ditch 8 Repair - (FEMA)

The Contractor is completing the Rawhide repair. A walk through with the contractor and JEO will occur today at 12:00. The repair has gone well because of dry conditions. We have some changes to address;

We need approval for a change order of \$7,000 (attached), for repair work under the bridge to the Taylor homestead and removal of rock from the ditch channel on the east end of the project. It was very badly eroded under the bridge on the south side and rip-rap needs to be placed there for protection.

We are now eliminating 2 of the 3 cattle panel structures that cross the ditch to keep the Diers cattle on their property. Heimann has convinced the Diers to have the

District install a solar livestock well. Therefore, the District can then fence off the ditch to prevent the erosion the cattle cause on the ditch berm and banks. See attached the original easement, page 2, item #8 which states that "the District will provide adequate water if the ditch can not be used for livestock watering". Heimann would work with the Diers and obtain 2-3 well installation bids to be presented in the future. Since we are not installing two of the cattle panel structures there will be a cost to the District for not installing them as part of the project repair. JEO will put a final change order together for next months meetings.

Also find attached the most current invoice from JEO for this project.

C. Wanahoo Stilling Basin (FEMA)

FYRA had a preliminary meeting and discussion with Tim Gokie, NDNR Dam Safety, on the Wanahoo Stilling Basin repair and they feel they have a proper path in doing the repair. Mike Sotak has approx. 90% prelim design done and is preparing an updated design report and cost, just missing some final details like structural design, etc. that he wants to avoid doing twice. He will send us and Tim Gokie a draft set of plans, cost estimate and design report by next week for review. After reviewing the plans, if the Board would like a Zoom meeting it can be set up or questions can be forwarded to Mike. Mike would also like to schedule a pre-bid conference with Contractors. He believes pre-bid conferences offer the following benefits;

- 1) It builds awareness of the project's budget and schedule to plan for bidding so that Contractors are not taken by surprise??
- 2) On complex projects, it gets Contractor's thinking about ways to improve efficiencies on project components
- 3) It allows the engineer to gather and incorporate any ideas on how to save construction costs

Sotak was contacted, this pre-construction meeting with contractors is in the scope of work under his contract.

FEMA is also raising questions about the Stilling Basin and asking for past maintenance work, inspection reports, maintenance schedule, etc.

In the 2011 NDNR Inspection report it is reported that "the plunge pool basin wall is sitting askew and is unsightly, it doesn't seem to be causing any serious problems for the dam at this time and we should contact Olssons to see what they believe should be done with the damaged portion of the cut-off wall". A letter dated May 1, 2013 is attached from Olsson's referencing the expansion joints and sill wall. Staff will answer FEMA's questions with assistance from Mike Sotak to the best of our knowledge and documentation.

D. Hay Bids on Recreation Area Lands

Hay bids were due Wednesday, April 29th at 4:00 pm and were opened. We received two bids as follows.

Meduna Family Farms - Lake Wanahoo ~160 Acres - Bid Price - \$69.17/Ton
Daniel J. Kadavy - Homestead - ~25 Acres - Bid Price - \$65/Ton

4. ROCK AND JETTY

Nothing to report at this time.

5. LAKE WANAHOO

A. Lake Wanahoo Permit Sales

Due to these uncertain times, permits have not been required to enter Lake Wanahoo Recreation Area since mid-March. Our focus was to offer an outdoor escape to the public who felt they needed to get out of their house and enjoy the park. Beginning May 1, we will once again be requiring a park permit or day-use pass.

Even with the free entry our permit sales have increased and we are looking forward to a very busy May.

As of today, we have \$ 35,055 in total park permit sales, \$ 7,502.50 for the month of April.

B. Lake Wanahoo Camping Revenue

Our current Wanahoo camping revenue is \$ 22,670.52.

The park has been very busy the past two weeks and at full capacity, or very close to full for the past 14 days.

The vault toilets and playgrounds continue to be closed down. We have the park closed to tent camping and only allow RV's and campers with self-contained toilets.

Our plan is to begin opening one vault toilet at a time, along with 1/2 the shower house, during operating hours beginning next week. We will continue to monitor the situation daily.

C. Lake Wanahoo Recreation Update

The park has been very popular for campers, fishers, and hikers over the last month. Summer staff is currently working on repainting all vault restrooms, getting the shower building operational, spreading mulch, and picking up trash that has been constantly blowing.

Gottschalk and Schomer met with Butler Public Power(BPPD) and Matt Harris to discuss the electric plan for the new primitive cabins. After seeing the site, BPPD decided that the best place to bring power is down by the NRD access gate and site 76. This will be a much flatter area to trench and will shorten the originally planned distance. BPPD revised their quote and they can do the trenching for us for \$8,900 which is less than the \$10,000 budgeted when the District was going to do the trenching. Matt Harris plans to begin the rough-ins on 5/1.

Free park entry is set to end Friday, May 1st. Park visitors were very appreciative of the Boards decision to wave entry fees during these difficult times.

6. INFORMATION AND EDUCATION

A. Information

1. Radio & eAds

We are featuring the chemigation permit deadline now through the end of May for our KTIC Radio ad and Wahoo Newspaper eAds which are attached.

2. Analytics

The last few weeks have been interesting with the current circumstances. Our website analytics showed almost double the amount of people viewing our site with a total of around 3,000 views as of April 29 in the afternoon. The Lake Wanahoo page saw the most traffic with well over 2,000 views, and Czechland Lake had close to 700 views. Some of the traffic we received was from our Facebook page, some was referral traffic from outdoornebraska.gov and visitnebraska.com

Our Facebook page has seen a viewing increase of 134%. The page has 1,114 followers as of April 29.

Our top posts included:

- (with a reach of 3,913 people) Reminder for practicing social distancing, don't use playground equipment and gatherings discouraged at all of our recreation areas
- (reach of 407 people) 50th Anniversary of Earth Day, with activities to check out on education page of our website
- (reach of 342) Memorable Monday - from Eric finding the tree order assigned to his Dad in 1992

Our Twitter page grew to 321 followers (up 5 from last month). Our views increased 32.7% from last month.

Our top posts included:

- Announcement of Spring Conservation Sensation cancelled (782 impressions)
- Changes to Lake Wanahoo/Czechland operations (732 impressions)
- Reminder of Shell Creek Watershed Scholarship applications due (706 impressions)

3. County Fairs

We have received a few exhibitor contracts for 2020 area county fairs. In 2019, LPNDRD had exhibit booths at Platte County, Butler County and

Saunders County Fairs.

2020 fair dates:

- Madison County: July 7-12
- Platte County: July 8-12
- Boone County: July 11-15
- Butler County: July 14-19
- Colfax County: July 15-19
- Dodge County: July 29-Aug 2
- Saunders County: July 29-Aug 2

B. Education

1. Education Programs

Due to COVID-19, all education programs have been cancelled through May 15. We were informed that UNL-Extension has cancelled their programs through June 1, so we are looking at an alternate date for the 4H/NRD Outdoor Recreation Day (May 29) and the possibility of a virtual or livestream program for the Youth Ag Tour scheduled in June.

2. Shell Creek Watershed Monitoring Program Scholarship

We have received two scholarship applications for the Shell Creek Watershed Monitoring Program Scholarship. The applicants must have completed at least one year of the Shell Creek Watershed Monitoring Program, be enrolled in an accredited 2-year or 4-year college or university, plan to pursue higher education relating to science and/or natural resources.

Abigail Pohlen (Newman Grove) and Natasha Macholan (Schuyler Central). If approved, they will receive ½ of the scholarship upon approval, and the remainder upon proof of successful completion of the first term with a GPA of at least 3.0 (B) or above.

Essays are attached.

3. Earth Day Online Activities

We created a list of Earth Day activities - they have been added to the website and were also shared through our Facebook and Twitter pages. See the attachment below. Based on the analytics from our website, the link was clicked on 21 times.

https://lpnnrd.org/wpcontent/uploads/2020/04/LPNNRD_earth_day_2020.pdf

4. Nebraska Tree-A-Thon

On April 24, the Schuyler Elementary (Warrior Academy) Afterschool Program passed out 400 trees to be planted during the 2020 Nebraska Tree-A-Thon. Ponderosa Pines and Southwestern White Pines were donated by the LPNNRD and Burr Oaks were donated by Papio-Missouri NRD. I visited with the coordinator a few days after the event and she said it was a total success! 10 trees were donated to the Schuyler Elementary, 8 were donated to the Schuyler Golf Course, the rest went to families in the area that stopped by to pick up a tree.

7. RURAL WATER SYSTEMS

A. Colon System

Wanahoo service was turned on this month and will run through October.

Regular monthly sampling completed.

Meters read and billing completed.

B. Bruno System

The first round of lead and copper testing was completed. DHHS allows samples to be collected by homeowners as the potential for contamination is negligible, so to follow social distancing guidelines all five samples were collected by homeowners and then Elliott transported samples to the state lab. DHHS policy requires two samples taken the first year and then one sample the next two years, then one sample every three years. The second sample will be taken in the fall.

Regular monthly sampling completed.

Meters read and billing completed.

C. Other

Date of Issuance:	April 16, 2020	Effective Date:	April 16, 2020
Owner:	Lower Platte North NRD	Owner's Contract No.:	
Contractor:	Husker Engineering, Inc.	Contractor's Project No.:	
Engineer:	JEO Consulting Group, Inc.	Engineer's Project No.:	191296.00
Project:	LPNNRD Rawhide Ditch 8 Flood Repairs	Contract Name:	

The Contract is modified as follows upon execution of this Change Order:
 Description: **Earthwork and rock placement under bridge.**

Attachments: *[List documents supporting change]*

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES <i>[note changes in Milestones if applicable]</i>
Original Contract Price: \$ <u>190,300.00</u>	Original Contract Times: Substantial Completion: _____ Ready for Final Payment: _____ days or dates
[Increase] [Decrease] from previously approved Change Orders No. ___ to No. ___: \$ _____	[Increase] [Decrease] from previously approved Change Orders No. ___ to No. ___: Substantial Completion: _____ Ready for Final Payment: _____ days
Contract Price prior to this Change Order: \$ <u>190,300.00</u>	Contract Times prior to this Change Order: Substantial Completion: _____ Ready for Final Payment: _____ days or dates
[Increase] [Decrease] of this Change Order: \$ <u>7,000.00</u>	[Increase] [Decrease] of this Change Order: Substantial Completion: _____ Ready for Final Payment: _____ days or dates
Contract Price incorporating this Change Order: \$ <u>197,300.00</u>	Contract Times with all approved Change Orders: Substantial Completion: _____ Ready for Final Payment: _____ days or dates

RECOMMENDED:	ACCEPTED:	ACCEPTED:
By: <u><i>Just King</i></u> Engineer (if required)	By: _____ Owner (Authorized Signature)	By: <u><i>Wayne White</i></u> Contractor (Authorized Signature)
Title: <u>Project Manager</u>	Title: _____	Title: <u>President</u>
Date: <u>4/17/2020</u>	Date: _____	Date: <u>4/17/20</u>

Approved by Funding Agency (if applicable)

By: _____
Title: _____

Date: _____

6 32-18-9

FILED FOR RECORD ON THIS 11 DAY OF February A.D. 1987 AT 10 42 O'CLOCK A.M. AND RECORDED IN
BK 17 PG 532 DODGE CO. NE. Registrar of Deeds Vaughn Stassen
by c Jean Beck deputy

FEE BOOK V
INDEXED V
COMPARED V
GRANTOR V
GRANTEE V
REG: ~~9444~~
FEE: 21.00

THIS IS A LEGAL BINDING CONTRACT, IF NOT UNDERSTOOD, SEEK LEGAL ADVICE

CONSTRUCTION, STORAGE AND FLOWAGE AND OPERATION AND

MAINTENANCE EASEMENT

For and in consideration of Fourteen Hundred Fourteen Dollars (\$1,414.00) the receipt whereof is hereby acknowledged.

MARIE T. DIERS (Widow)
ROBERT D. DIERS & PATRICIA L. DIERS - Trustees (Husband & Wife)
TRACY D. DIERS & MARIYN J. DIERS - Trustees (Husband & Wife)

of Fremont, Nebraska, herein called the Grantor, whether one or more, does hereby grant, convey and release unto the

LOWER PLATTE NORTH NATURAL RESOURCE DISTRICT

a political subdivision of the State of Nebraska, with its principal office located at David City, Nebraska, herein called the Grantee, its successors and assigns, a perpetual easement in, over and upon the following described land situated in the County of Dodge, State of Nebraska, to wit:

A TRACT OF LAND APPROXIMATELY 15 FEET IN WIDTH IN PART OF THE NE1/4 OF THE SE1/4 SECTION 31, T18N, R9E, OF THE 6TH P.M. IN DODGE COUNTY, NEBRASKA; BEGINNING AT A POINT IN THE EAST LINE OF THE SAID SOUTHEAST 1/4 OF SECTION 31; SAID POINT BEING 50.29 FEET SOUTHERLY FROM THE EAST 1/4 CORNER OF SAID SECTION 31 AND SAID EAST LINE IS ASSUMED TO BEAR SOUTH 00 11'23" WEST; THENCE CONTINUING WITH SAID EAST LINE SOUTH 00 11'23" WEST, A DISTANCE OF 15.00 FEET; THENCE IN A LINE PARALLEL WITH AND 65.00 FEET SOUTHERLY FROM THE CHANNEL CENTERLINE SOUTH 89 52'48" WEST, A DISTANCE OF 1,327.85 FEET TO A POINT IN THE EAST 1/16 LINE; THENCE WITH SAID EAST 1/16 LINE NORTH 00 19'27" EAST; A DISTANCE OF 15.00 FEET; THENCE IN A LINE PARALLEL WITH AND 50.00 FEET SOUTHERLY FROM THE CHANNEL CENTERLINE NORTH 89 52'48" EAST, A DISTANCE OF 1,327.82 FEET TO THE POINT OF BEGINNING; CONTAINING AN AREA OF 0.46 ACRES MORE OR LESS, AS ILLUSTRATED IN ATTACHMENT A;

AND;

A TRACT OF LAND APPROXIMATELY 15 FEET IN WIDTH IN PART OF THE NW1/4 OF THE SE1/4 SECTION 31, T18N, R9E OF THE 6TH P.M. IN DODGE COUNTY, NEBRASKA; BEGINNING AT A POINT IN THE NORTH-SOUTH 1/4 SECTION LINE OF SAID SECTION 31; SAID POINT BEING 46.36 FEET SOUTHERLY FROM THE CENTER OF SAID SECTION 31 AND SAID NORTH-SOUTH 1/4 LINE IS ASSUMED TO BEAR SOUTH 00 27'32" WEST; THENCE CONTINUING WITH SAID NORTH-SOUTH 1/4 LINE SOUTH 00 27'32" WEST, A DISTANCE OF 15.00 FEET; THENCE IN A LINE PARALLEL WITH AND 65.00 FEET SOUTHERLY FROM THE CHANNEL CENTERLINE NORTH 89 52'48" EAST, A DISTANCE OF 1,327.84 TO THE EAST 1/16 LINE; THENCE WITH SAID EAST 1/16 LINE NORTH 00 19'27" EAST, A DISTANCE OF 15.00 FEET; THENCE IN A LINE PARALLEL WITH AND 50.00 FEET SOUTHERLY FROM THE CHANNEL CENTERLINE SOUTH 89 52'48" WEST, A DISTANCE OF 1,327.81 FEET TO THE POINT OF BEGINNING; CONTAINING AN AREA OF 0.46 ACRES MORE OR LESS INCLUDING 0.01 ACRES MORE OR LESS OF COUNTY ROAD RIGHT OF WAY, AS ILLUSTRATED IN ATTACHMENT A;

AND;

A TEMPORARY EASEMENT CONSISTING OF PART OF THE SW 1/4 OF THE NW1/4 AND THE SE1/4 OF THE NW1/4 AND THE NW1/4 OF THE SW1/4 AND THE NE1/4 OF THE SW1/4 OF SECTION 32,

T18N, R9E, OF THE 6TH P.M. DODGE COUNTY, NEBRASKA;
CONSISTING OF 3.72 ACRES MORE OR LESS OF AN AREA 30
FEET WIDE EACH SIDE OF THE PRESENT DITCH & ALIGNMENT
AS ADJUSTED BY THIS EASEMENT FOR CONSTRUCTION ACCESS.

Divers
Property

For or in connection with the construction, operation and maintenance, repair and inspection of the flood control channel, a portion of which is located as described herein; for the flowage of any water, in, over, upon, or through such structure as is herein described; as illustrated in Attachment A and B; for the flood control channel designated as:

RAWHIDE FLOOD CONTROL CHANNEL

The rights and privileges herein granted shall be subject to the following terms and conditions:

1. The consideration recited herein shall constitute payment in full for all damages sustained or to be sustained by the Grantor by reason of the proper exercise of any of the rights or activities granted or described by the above, and Grantor hereby releases Grantee from any and all damages, liability, claims and expenses arising out of the proper exercise of construction, operation, maintenance, inspection and repair of the structure, except as herein provided.
2. There is reserved to the Grantor, his heirs and assigns, the right and privilege to use the above described land of the Grantor at any time, in any manner and for the purpose not inconsistent with the full use and enjoyment by the grantee, its successors and assigns, of the rights and privileges herein granted.
3. The Grantee is responsible for operating and maintaining the facilities constructed.
4. This easement shall not convey nor shall the same be construed to convey, to the Grantee any fee simple interest or title to the above described lands.
5. This easement includes the right of ingress and egress at any time over and upon the above described land of the Grantor and any other land of the Grantor adjoining said land for purposes of operation and maintenance activities with full concurrence of the landowner on land not covered by this easement.
6. This contract shall be binding upon the parties hereto, their heirs, successors and assigns.
7. Grantee is responsible for providing fencing in accordance with Grantor farming patterns.
8. Grantee will provide adequate livestock water for Grantor if restuctured ditch cannot be used for livestock watering.

9. Grantee will provide adequate drainage for Grantor property at Rawhide Creek - Ditch - Diversion Channel Construction plan, approximate stations 80+00 RT, sta 75+00 if required, Sta 64+00 RT, Sta 49+00 RT and Sta 49+00 Lt.

TO HAVE AND TO HOLD the aforesaid Easement in, over, and upon the above described land of the Grantor, with all rights, privileges, and appurtenances thereto belonging or in any way pertaining, unto the Grantee, its successors and assigns forever.

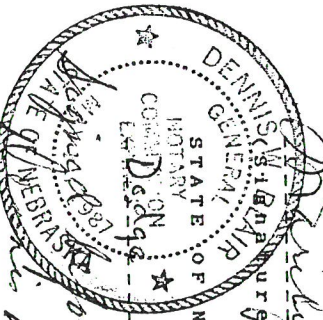
IN WITNESS WHEREOF, the Grantor has executed this agreement on the 18th day of January, 1987.

Robert E. Blum
Signature of Grantor

Robert E. Blum
Signature of Grantor

STATE OF NEBRASKA)
COUNTY OF DODGE)
SS.

Robert E. Blum
Signature of Grantor



Done this 18 January 1987
Robert E. Blum



Invoice

April 24, 2020
Project No: R191295.00
Invoice No: 116476
Invoice Amount: 5,208.75

Bob Heimann
Lower Platte North NRD
511 Commercial Park Road
PO Box 126
Wahoo, NE 68066

Project Manager Jacob Miriovsky

Project R191295.00 Lower Platte North NRD Rawhide Ditch No. 8 Flood Damage Repair
Professional Services through April 17, 2020

	Contract Amount	Percent Complete	Billed-to-Date	Previous Billing	Current Billing
Hourly to a Maximum Phase(s)					
Survey	\$5,125.00		\$4,575.00	\$4,405.00	\$170.00
Design	\$15,207.50		\$15,207.50	\$13,860.00	\$1,347.50
Permitting	\$3,202.50		\$3,202.50	\$3,202.50	0.00
Bidding	\$2,465.00		\$2,465.00	\$2,380.00	\$85.00
Construction	\$13,775.00		\$4,006.25	\$400.00	\$3,606.25
Emergency Repair Coordination	\$5,990.00		\$5,990.00	\$5,990.00	0.00
Total	\$45,765.00		\$35,446.25	\$30,237.50	\$5,208.75
Total Amount Due Upon Receipt					\$5,208.75

CC: Bob Heimann; bheimann@lpnrd.org

LOWER PLATTE NORTH NRD
PROJECTS COMMITTEE MINUTES

May 2, 2013

8:30 a.m., LPNNRD Office, Wahoo

Committee Members Present: Kavan (Chair), Bailey (Vice-Chair), Hannah, Meduna, Clausen, Pieke
 Staff Present: Bartek, Gottschalk, Heimann Miyoshi, Mountford, Murren Others Present: LPNNRD
 Director Bob Hilger; LPRCA: Meghan Sittler; City of Wahoo: Melissa Harrell; JEO: Lalit Jha, Jeff Ray

1. SWCP (report attached)

Pg. 1-2

a. SWCP Application Approvals

It was recommended (by Meduna), seconded (by Hannah), to approve the following SWCP tree and flow meter applications:

<u>Trees:</u>			<u>75%</u>
<u>Nate Rohda</u>	<u>Saunders</u>	<u>600 trees</u>	<u>\$585.00</u>
<u>Pete Rix</u>	<u>Dodge</u>	<u>544 trees</u>	<u>\$530.40</u>
<u>Bryan Hein</u>	<u>Butler</u>	<u>202 trees</u>	<u>\$196.95</u>
<u>Laura Moravic</u>	<u>Butler</u>	<u>240 trees</u>	<u>\$234.00</u>
<u>TOTAL:</u>			<u>\$1,546.35</u>
 <u>Flow Meters:</u>			 <u>50%</u>
<u>Sunnyhill Farms Inc.</u>	<u>Clfax Co.</u>	<u>Flow Meter X 2</u>	<u>\$1,250.00</u>
<u>Kermit Wilshusen</u>	<u>Colfax Co.</u>	<u>Flow Meter</u>	<u>\$625.00</u>
<u>Terry Reichmuth</u>	<u>Platte Co.</u>	<u>Flow Meter</u>	<u>\$625.00</u>
<u>James Fehringer</u>	<u>Platte Co.</u>	<u>Flow Meter</u>	<u>\$625.00</u>
<u>Ronald Brandl</u>	<u>Platte Co.</u>	<u>Flow Meter</u>	<u>\$625.00</u>
<u>Robert Pollock</u>	<u>Dodge Co.</u>	<u>Flow Meter</u>	<u>\$625.00</u>
<u>Jason Mueller</u>	<u>Platte Co.</u>	<u>Flow Meter</u>	<u>\$625.00</u>
<u>Jack Beller</u>	<u>Platte Co.</u>	<u>Flow Meter</u>	<u>\$625.00</u>
<u>Daniel Thiesen</u>	<u>Saunders Co.</u>	<u>Flow Meter</u>	<u>\$625.00</u>
<u>MTM Farms, LLC</u>	<u>Saunders Co.</u>	<u>Flow Meter</u>	<u>\$625.00</u>
<u>Rick Beranek</u>	<u>Saunders Co.</u>	<u>Flow Meter</u>	<u>\$625.00</u>
<u>Ken Krafka</u>	<u>Butler Co.</u>	<u>Flow Meter</u>	<u>\$625.00</u>
<u>TOTAL:</u>			<u>\$8,125.00</u>

Recommendation carried.*

b. SWCP Payments

It was recommended (by Pieke), seconded (by Hannah), to approve the following SWCP payments:

75%

Melissa Harrell & JEO representatives presented a draft resolution for us to approve that will officially include Wahoo's plan as part of ours. It was recommended (by Hannah), seconded (by Pieke), to approve annexing the City of Wahoo's Hazard Mitigation Plan into LPNDRD's District-wide HMP and authorize the Board Chair to sign a resolution indicating this as the attached to the Projects Committee Minutes. Recommendation carried.

c. Projects Expense Review - March 31, 2013 (attachment) Pg. 25

With 75% of the fiscal year completed as of March 31, 43.22% of the Projects Budget has been expended.

5. SAND CREEK ENVIRONMENTAL RESTORATION PROJECT REPORT – Mike Murren

a. Lake Wanahoo

1. Wanahoo Dam Spillway Report (attachment) Pg. 26-31

Attached to the Projects Committee minutes find a report from Olsson Associates concerning expansion joint sealant in the Wanahoo Dam principle spillway.

2. Access Road Agreement (Skyline Properties) (attachments) Pg. 32-42

As was agreed upon with Skyline Properties in 2009, we need to replace a street that was removed when the Lake Wanahoo Embankment was constructed. \$44,550 was placed in escrow for this work. Olsson Associates has proposed a \$10,000 scope of services for engineering, preparing bid documents and construction oversight. It was recommended (by Pieke), seconded (by Meduna), to proceed to replace the street as previously agreed upon with Skyline Properties. It was further recommended to hire Olsson Associates to provide needed engineering services for completing this work as outlined in Exhibit "A" to the Letter Agreement for Professional Services totaling \$10,000, as attached to the Projects Committee Minutes. Recommendation carried.

3. Lake Wanahoo Trail Crossing

Murren reported that the City of Wahoo has applied for a grant to assist with purchasing and placement of a box culvert structure to allow trail access to Lake Wanahoo under the road.

b. Upstream Structures – Update

Due to the rainy weather, construction activities have been delayed toward constructing the remaining two structure sites.

6. WESTERN SARPY/CLEAR CREEK LEVEE REPORT

It was reported that Miyoshi and Murren met with Saunders County to discuss sandpit lake and housing project to be located north of the Big Sandy development. The proposed project would be too close to the Clear Creek Levee so the county will be working with the future developer to avoid encroachment



May 1, 2013

Mr. Mike Murren, Lake Wanahoo Project Coordinator
Lower Platte North NRD
511 Commercial Park Road
P.O. Box 126
Wahoo, NE 68066

Re: Lake Wanahoo Dam
OA Project No. 005-1568

Dear Mike:

On March 7, 2013, Dennis Hurtz and I met with you at Wanahoo Dam to inspect the condition of the expansion joint sealant in the principal spillway structures. That day, ice entirely obscured the floor of the west conduit and partially covered the floors of the middle and east conduits. Consequently, sealant of the expansion joints across the conduit floors could not be adequately observed during that site visit. I visited the site with you again on April 25, 2013 to inspect the expansion joint sealant in an ice-free condition.

The structural components of the principal spillway include approximately 900 linear feet (LF) of expansion joints. Of that total, about 405 LF of expansion joints are in horizontal surfaces where water flows across the joint sealant much of the time. During our inspection on April 25th we observed that about 89% of the total length of sealant, and about 85% of the joint sealant length in the horizontal-flow surfaces, is still in place. My opinion is that LPNNRD should plan for approximately 150 linear feet of the expansion joints to be cleaned and resealed. Although only about 100 linear feet is currently missing, the 150 feet length would include resealing all across the bottom of joints in the conduits where $\frac{1}{4}$ to $\frac{1}{2}$ of the bottom sealant is currently missing.

Overall, the condition of the concrete surfaces and the joint sealant observed during the recent 2013 visits appeared very similar to when they were previously observed in August 2010, and again in August 2011. Sealant is missing now in the essentially the same locations where it was missing two or three years ago.

After inspection of the project with you, John Miyoshi, Bob Heimann, and Dennis Hurtz on August 22, 2011, I sent a letter to Commercial Contractors Equipment Inc. (CCEI) indicating a number of items that should have been addressed under the warranty provisions of their construction contract. CCEI has refused to address most of those items, including replacement of missing expansion joint sealant.

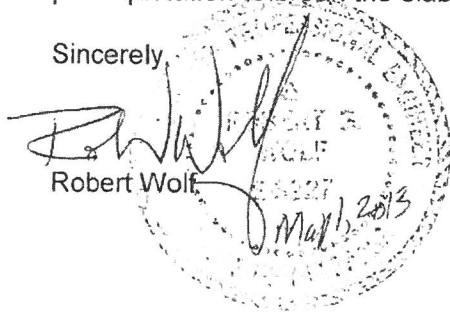
It's apparent that the sealant still in place after nearly 3 years was adequately installed within expansion joint areas that were adequately cleaned and prepared prior to application of the sealant materials, while cleaning and preparation of the joint surfaces apparently was deficient where the sealant has been missing for nearly the same length of time. Both the 2011 and 2012 inspection reports by NDNR indicate the missing joint sealant needs to be properly replaced.

Although LPNNRD should anticipate and budget for future periodic maintenance of the expansion joints, it's still my opinion that CCEI should be responsible for the sealant replacement they refused to do under warranty. To determine what the actual cost of this disputed repair work would be, I believe LPNNRD should obtain price quotations from another contractor to do 100 LF or 150 LF of expansion joint cleaning and resealing.

Although my August and September 2011 letters to CCEI indicated they also should address some seeping hairline cracks in reinforced concrete, neither Olsson Associates nor NDNR has indicated the observed cracks are considered a serious problem. The cracks appear to be stable based on observation during the past two years, and monitoring of them should continue during annual inspections.

Regarding the stilling basin end-sill slab of RCC that was displaced during the 2011 spring storm event, it's my current opinion that it is more of an appearance issue than an operation/maintenance issue. That slab became much less important after the full riprap liner was added through the entire length of the excavated outlet channel. At this time, to improve appearance, the slab could potentially be broken up to serve as riprap. While getting a price quote for expansion joint resealing from another contractor, LPNNRD may want to also obtain a price quotation to break the slab into riprap-size chunks.

Sincerely,



Robert Wolf

May 1, 2013

Czechland, Homestead & Wanahoo Lakes
HAY BID FORM


Name Meduna Family Farms LLC
Address 2311 County Road 16
City, Zip Code Colon NE 68018
Home Phone 402-405-2475 Cell 402-277-0646 (Chris)
Email medunafarms@gmail.com

Grass will be cut, baled and removed in accordance with dates listed. Bid is by Price/Ton. Bid on all locations or individual locations (please see aerial photos).

Czechland Recreation Approx. 44 acres = Price/Ton 0

Homestead Recreation Approx. 25 acres = Price/Ton 0

Lake Wanahoo Approx. 160 acres = Price/Ton \$ 69.17
Sixty nine and 17/1000 dollars/Ton

Signature  Date 4-28-20

Please place in a sealed envelope labeled "Hay Bid" and return to Lower Platte North NRD, PO Box 126, Wahoo, NE 68066, by 4:00 pm, April 29th.

Czechland, Homestead & Wanahoo Lakes
HAY BID FORM

Name Daniel J. Kadavy

Address 2310 24 RD

City, Zip Code Dwight, NE 68635

Home Phone _____ Cell 402-367-7521

Email d.kadavy@hotmail.com

Grass will be cut, baled and removed in accordance with dates listed. Bid is by Price/Ton. Bid on all locations or individual locations (please see aerial photos).

Czechland Recreation Approx. 44 acres = Price/Ton

Homestead Recreation Approx. 25 acres = Price/Ton \$ 65⁰⁰ —

Lake Wanahoo Approx. 160 acres = Price/Ton

Signature Daniel J. Kadavy Date 4/23/20

Please place in a sealed envelope labeled "Hay Bid" and return to Lower Platte North NRD, PO Box 126, Wahoo, NE 68066, by 4:00 pm, April 29th.

PLEASE NOTE NEW CHANGES TO PARK OPERATIONS DURING THE COVID-19 HEALTH EMERGENCY

Updated 4-9-2020

At this point, our entire Lake Wanahoo NRD Recreation Area is still open.

The following are our NEW rules and regulations relating to this park:

- **Recommending Nebraska residents only**
- **All camping sites are first come, first served only until May 15, 2020**
- **PLEASE, if at all possible, leave one camping space between you and your neighbor**
- **Only self-contained (enclosed) campers having their own built-in or portable bathrooms will be admitted**
- **ABSOLUTELY NO TENT CAMPING**
- **All toilets and shower building stalls are closed indefinitely**
- **Playgrounds are closed**
- **According to State of Nebraska recommendations, limit all group gatherings to 10 or less. THIS RULE WILL BE MONITORED AND AUTHORITIES WILL BE CONTACTED IF NEEDED**
- **If you have been sick in the last two weeks, PLEASE STAY AT HOME**
- **Avoid popular areas where people may congregate**
- **PLEASE maintain distance between you and other park visitors**
- **Pack extra soap and/or hand sanitizer**
- **If you feel canceling your stay is the safest choice, we will waive cancellation fees and reschedule your stay or return your unused rental payment. Please call our office at 402-443-4675
Monday – Friday from 8:00 am – 4:30 pm**
- **We have cancelled all NRD scheduled programs in the park until May 15, 2020 and future programs will be reassessed at that time**

We are monitoring the situation daily. We promise to remain diligent and intentional in protecting you and making your visit a great experience. As conditions change, so may our policies on park visitation and overnight stays. We will keep you informed of any changes moving forward.

**THANK YOU ALL FOR YOUR PATIENCE AND FLEXIBILITY.
WE APPRECIATE YOUR SUPPORT OF LAKE WANAHOO AS WE ALL
WORK TOGETHER TO KEEP EACH OTHER SAFE!**

Chemigation Permits

Producers who are certified to chemigate crops must have a valid permit with the NRD by **June 1st**. Download a permit application at www.lpnnrd.org



LOWER PLATTE NORTH
Natural Resources District

KTIC Radio Ad
May 2020-Chemigation
95 Words

Contact:
Lacey Sabatka
Information & Education Coordinator
Lower Platte North NRD
(402) 443-4675
lsabatka@lpnnrd.org

Producers who are certified to chemigate crops must have valid permits with the Lower Platte North NRD by June 1st. Failure to obtain a renewal permit before the deadline requires a new permit to be issued. Renewal permits are \$30, new permits are \$90, special permits are \$60, and emergency permits are \$300.

Chemigating without a valid permit and not having proper safety equipment is a serious violation. The NRD will be working closely with county attorneys to address chemigation violations.

To download a Chemigation Permit application, please visit lpnnrd.org or call the NRD at 402-443-4675.

Shell Creek Watershed

My educational goals are to get my general education classes finished and explore career paths I may want to take. I have multiple passions and interests such as art, water quality, natural resources and so many more. I plan on taking my time to find the career path that I will truly enjoy. I am not worried about a specific timeline on when I will have everything accomplished. I plan to attain my goals by trying out new activities or take a class I wouldn't normally take like an art class. Also, I plan on keeping a strong line of communication with my adviser and others like my parents to help me narrow down the paths I want to take in life. I hope by going through this process the way I have it planned will prove to be beneficial to myself as a person and my career. However, while I may have a plan set up I will be open to all opportunities that will come my way and I will alter my plan as I go along to better tailor to my needs.

The Shell Creek Watershed Program has opened up so many doors for me and ignited passions I never knew I had. Having the amazing opportunity of collecting water and learning about the importance of water quality and why citizen science is also important is one that is priceless. I have a new found passion for water quality and natural resources in general. No matter what my career is, I never want to stop advocating for things such as water quality, natural resources, and agriculture because I have seen personally how vital they are individually and how much they impact as a whole. Through this program I have had the opportunity of becoming published twice, one of them being in the Impact magazine. I have also had the opportunity to teach my younger classmates the importance of what we do as well as show the public what our results mean in mid November every year. Being a part of this program really

has helped shape my beliefs and who I am as a person and I can't thank the program enough. I hope to continue to inspire others young and old to get involved with helping our environment in we can.

South Dakota State University will allow me to grow as an individual and shape my own character. I plan on majoring in Clinical Laboratory Science/ Medical Technology. This particular degree would require an extensive knowledge of science and related fields. I will take biology, chemistry, and anatomy classes throughout college.

My future goals consist of receiving my Bachelor's Degree and finding a career as a lab technologist or technician. This will allow me to work in the medical field, while pursuing my interest in hands-on laboratory activities. I hope to specialize in a particular division, such as a cardiovascular technician, surgical technologist, or radiation therapist. I hope to return to my local community or surrounding area, and use my knowledge to continue making a difference. In the future, I may also look to further my education in pursuit of a Master's Degree. I plan to follow my dreams and work hard to accomplish my goals.

Throughout high school I was involved in my FFA chapter. I participated in many chapter activities, including our involvement with the Shell Creek Watershed Monitoring Program. Every summer we would take a small group of individuals and collect water samples and data from surrounding water sources. Each time I would put on hip waders and go out into the water. We collected several different samples and used probes attached to a LabQuest to test qualities of the water. The process was repeated at several different sites, and was done multiple times throughout the summer. I helped every summer, and gained a lot of hands-on experience. This last summer, however, I was only able to help on the first testing day. During the spring flooding, my family's farm sustained a lot of damage. I spent most of my summer working to repair fences and help as much as I could.

My experience with this program has given me a greater knowledge of my own chosen field of study. As a lab technician, I would be required to collect and analyze samples. I would then have to use the information provided to find a solution. This is very similar to what we did with the water samples. On site, we would use equipment to determine properties of the water, such as the pH level and visibility. The samples we collected would be taken back to the school, where we conduct more tests. It would often require us to return the next day, and allow the water to settle, before we could find the final results. I learned how to manage my time, and use measurements and reasoning to create an end solution.

I am thankful for my experiences as part of the Shell Creek Watershed Monitoring Program, and the knowledge I gained during my time there.