

Regular Board of Directors Meeting  
Monday, June 10, 2019 6:00 PM  
Lower Platte North NRD Office  
P.O. Box 126  
Wahoo, NE 68066

1. Call to Order

**NOTE: The agenda is on file at the LPNNRD office and may be changed up to 24 hours prior to the meeting as scheduled.**

1.A. Meeting Notice

1.B. Inform Public on Location of Copy of "Open Meeting Act"

1.C. Pledge of Allegiance

2. Roll Call

2.A. Introductions

3. Approval of Agenda

Are there any additions or corrections to the agenda?

4. Comments - Advisors/Guests

4.A. Guest Comments

4.B. NRCS Report

4.C. NARD Report

4.D. NRC Report

4.E. Managers Report

#### 4.F. Education Program

Matt Pillard will be present to review the Lower Platte River Water Quality Plan.

#### 5. Approval of Minutes

Are there any additions or corrections to the minutes? If not they will be approved on the consent agenda.

#### 6. Report of Standing Committees

##### 6.A. Executive Committee - Action as Required

###### 6.A.1. UNFINISHED BUSINESS

###### 6.A.2. MEETINGS

###### 6.A.2.a. Pending

###### 6.A.2.b. Reports

###### 6.A.2.b.1. NARD Benefits Committee and Intergovernmental Risk Meeting

The NARD Stop Loss Committee is recommending to the NARD Board Risk Pool the following changes to our insurance premiums. Medical - Increase premiums by 5%. Dental - Effective January 1, 2020 increase annual maximum benefit from \$1,500 to \$3,000 resulting in a 14.9% premium increase in dental coverage.

###### 6.A.3. MANAGEMENT ITEMS

###### 6.A.3.a. Directors Absence

###### 6.A.3.b. Monthly Education Program

###### 6.A.3.c. 2018 General Election Costs

We just received our final bill from Saunders County for the 2018 General Election costs. Attached find a breakdown listing amount paid to each county for 2018 General Election costs.

###### 6.A.3.d. Accounting Services

HBE was the only firm putting in a bid for our accounting services. Their bid is for a

monthly charge of \$6,550 (\$78,600) which is the same rate we are currently paying. They have also offered a two year agreement if we so choose. A list of their services provided is attached.

#### 6.A.3.e. Lake Wanahoo Update

- Wanahoo Education building has moved into the interior construction phase. Blow-on insulation is complete and Hancock Construction is on site and has begun building interior walls.
- We received a letter from Nebraska Game and Parks informing us we are using their trade marked phrase "See you out there" without their approval. We were unaware of this trade mark and have informed them we are no longer using the phrase with any of our Lake Wanahoo Recreation Area advertising.
- Jovan Lausterer has supplied us with a "Food Vendor" agreement for us to use at Lake Wanahoo. Agreement is attached.
- During the planning phase of the final repairs for our Western Sarpy/Clear Creek levee, it is our responsibility to provide borrow area for contractors who will be awarded the final construction bid. Because of our availability to Wanahoo soil which has been sold to M.E. Collins, I informed USACE the approximate 35,000 cu/yd of material can be purchased from LPNNRD. This has the potential of creating \$ 52,500 revenue to our district.
- As of May 29th we have received \$ 53,127.50 in gross revenue for Wanahoo permit sales. (Net revenue \$ 52,281.50) Last year's total annual permit revenue was \$ 46,604.
- As of May 29th, total online camping revenue received to date is \$ 23,573.19
- Work continues on Pork Chop Island with plans to have it ready to go within the next 2 weeks.

##### 6.A.3.e.1. 4th of July at Lake Wanahoo

Staff has been in contact with Wahoo city officials and plans are to host the 2019 Wahoo fireworks display at Lake Wanahoo. Fireworks will be set off from the breakwater which will allow viewing from the camping side, the lake and the east, day-use side.

Plans are to require park permits on the west side of the rec area and allow free access all day on the east side. We hope to have an "Old Time Baseball" game played in the evening and will be inviting food vendors to the park for the day.

#### 6.A.4. EQUIPMENT

#### 6.A.5. PERSONNEL

##### 6.A.5.a. Wanahoo Recreation Technician Position

With the need to hire one additional part-time seasonal position, discussion is needed on filling the immediate need for a new hire.

#### 6.A.5.b. Annual Staff evaluations

Management is in the process of finishing annual reviews of all LPNNRD staff. Once complete, Tom or myself will sit down individually with each staff member and review.

Cost of living for 2019 is listed at 2.8%. Last year this number was used to determine total funding available for staff salary increases. Once the total number budgeted salary increase is determined, GM will allocate dollar amount raise rather than percent of salary raise to each employee.

2.8% of our existing budget of \$1,084,856 would be: \$ 30,375  
Last year's number was 2% increase and would be approx. \$ 21,700

#### 6.A.6. FINANCE

##### 6.A.6.a. Approval of Financial Reports

##### 6.A.6.b. Approval of Managers Time and Expense Sheets

Attached find Gottschalk's time and expense sheets.

##### 6.A.6.c. Accounts over 90 Days

#### 6.B. Operations Committee - Action as Required

##### 6.B.1. UNFINISHED BUSINESS

We have nothing to consider.

##### 6.B.2. WILD NE AND OTHER PROGRAMS

We have a Corners For Wildlife contract to pay to Stuart Gerhold, (Gerhold Inc.) in Butler County, \$3,820.00. This is the first of five payments for this contract. Pheasants Forever will reimburse the District 100%.

##### 6.B.3. OPERATION & MAINTENANCE & OTHER ITEMS

The O & M crew continues to plant trees between the rain. We have cut volunteer trees from the Rawhide Ditch and removed beaver dams. Maintenance items on vehicles, equipment and the office. Inspected Clear Creek, Cottonwood and Sand/Duck Creek Dams after the heavy rainfall.

##### 6.B.3.a. Swedeburg "Thorston" Dam Renovation

As requested, Heimann is attempting to get two more quotes on repairing the face of the Swedeburg Thorston Dam. Heimann has met with one and has another lined up. It's unknown as to whether the quotes would be in by Board meeting.

#### 6.B.3.b. Wanahoo Dam Conduit Joint Repair

At the previous Board meeting there were concerns regarding a diagram on the "As Built" blueprints in which concrete was removed to repair leaks around the elastic water stops. Those items were addressed at the time of construction and the engineers signed off on those repairs. The Dept. of Natural Resources Dam Safety engineers have not found any concerns regarding these locations in their inspections.

Heimann met again with the Peerless Heartland Contractors representative to re-evaluate the joints and give a revised quote to fill the joints. He responded Wednesday, May 29 with this email, "We met with the manufacturer yesterday in regards to your project at the Wanahoo Dam. He agrees with my logic and approach to treating the joints with Strata Tech ST-591 as we previously recommended. Further, there does not seem to be any need with applying any topical cover over the ST-591.

We went back over the construction drawings and calculated approximately 350-400 LF of treatment. This will require the removal of the current material and pressure washing to remove any of the algae growth in the area. Based on these factors we estimate 5 days of work and a budgetary estimate of \$28,000.00".

The committee ask for an endorsement from Olsson's on the ST-591 product. Mike Placke P.E. with Olsson's sent Heimann an email stating "the use of ST-591 Hydrotite for the joints on the Wanahoo Dam looks like an acceptable product." Mike asked "How will the contractor fill the joint because of the depth"? The contractor responded " the joint will be filled with ST-591 to just below the surface".

During the inspection another problem was discovered, a large crack and chunk of concrete has become loose at one of the joints (see pictures). Heimann has contacted Olssons and DNR Dam Safety for their opinions.

It's believed that the maintenance of these conduit joints will be an going maintenance item that will occur again in 3 to 15 years.

At the National Dam Safety Conference in Seattle last September the subject of filling joints was brought up and it was stated that there is not a full proof way to date in keeping joints filled for an extended period of time.

#### 6.B.3.c. FEMA Meeting and Inspections

Mountford, Pool and Heimann met with FEMA representatives Thursday, May 23rd to discuss the District's damaged projects, Rawhide Ditch 8, Wanahoo Breakwater, Wanahoo plunge pool (picture attached), Dan Wolfe Jetty Project in Colfax County, and the High Ground tie-off to the Federal levee at Thomas Lakes.

A scheduled inspection for the Wanahoo plunge pool and Rawhide Ditch 8 will be Monday, June 3 at 9:00. On Tuesday, June 11 an inspection of the Dan Wolfe Jetty Project will occur. Five individuals will be involved from FEMA.

FEMA indicated that they were satisfied with the emergency repair on the Wanahoo breakwater since it was on a public recreation area. Staff will have to put paper work together for reimbursement.

We are unsure about an inspection regarding the Thomas Lakes area.

#### 6.B.3.d. Damage Request from March Flooding

We have received a request for assistance from Kay Poppe to repair her levee along Skull Creek. Her field adjacent is full of sand and trees. We assisted in a repair on this same levee in 2017 at a cost of \$2,050. The existing damage is larger than the past and she has a rough estimate of \$15,000 to repair.

On the previous repair the District used Rock & Jetty funds. The District will receive numerous request for assistance on streams, rivers and levees. How does the District want to proceed or prioritize in all the request?

#### 6.B.3.e. Fremont 205 Non-Structural Study

An email was received on Friday, May 24th from Project Manager, Chris Fassaro, with the Corps of Engineers that a meeting was going to take place with the City of Fremont at 2:00 pm that same day regarding the Non-Structural 205 Study. Mr. Fassaro said we were welcome to attend but was not necessary.

#### 6.B.3.f. O & M Budget

Attached is the current budgetary line items for Operations & Maintenance through April 30. It's time to think about the budget especially with the flooding disaster that occurred in March.

### 6.B.4. LAKE WANAHOO

#### 6.B.4.a. Promotions & Events

We are in the process of updating the current Lake Wanahoo video.

#### 6.B.4.b. 4th of July at Lake Wanahoo

Staff has been in contact with Wahoo city officials and plans are to host the 2019 Wahoo fireworks display at Lake Wanahoo. Fireworks will be set off from the breakwater which will allow viewing from the camping side, the lake and the east, day-use side.

Plans are to require park permits on the west side of the rec area and allow free access all day on the east side. We hope to have an "Old Time Baseball" game played in the evening and will be inviting food vendors to the park for the day.

#### 6.B.4.c. Camping and Permit Revenue Update

The month of May saw the highest number of annual permit sales at 778. This brings the total number of 2019 annual permits sold to 3063. As of 5/29/2019, annual permit sales have generated a gross income of \$53,127.50.

Online camping reservations have generated \$23,573.50, and walkup camping reservations have generated \$ , totalling \$.

#### 6.B.4.d. Educational Building Update

Exterior construction of the Education/Recreation Building has officially finished.

Insulation and ceiling paint has been completed, and Hancock Construction has started work on interior framing.

#### 6.B.4.e. Pork Chop Island Update

Dock construction is nearly complete. Wanahoo staff has been working on the clearing of camp sites and will install compost outhouses during the first week of June.

Gottschalk and Schomer met with Wahoo Fire and Rescue on Wednesday May 15 for a walk through on the island. The rescue team wanted to get familiar with the layout in the event there is an emergency in the future.

#### 6.B.4.f. Breakwater Repair Update

Collins Construction completed repairs to the breakwater ahead of the Mother's Day weekend. Park visitors and staff appreciate the speed and quality of the work completed.

#### 6.B.4.g. New NRD camper pads

Electrical work on the two new camper pads at Lake Wanahoo have been completed. One has been rocked and is currently occupied by Wanahoo staff member Richard Mullen.

### 6.B.5. ROCK AND JETTY

We currently have two applications of request for bank stabilization/jetty repair on the Platte River. Landowners are allowed to maintain existing structure if it was previously permitted by the COE.

We have had additional request for bank stabilization assistance because of severe bank erosion or loss. These individuals will need a 404 permit on a new project in order for the District to cost-share through the Rock & Jetty Program.

We are expecting more request.

### 6.B.6. INFORMATION AND EDUCATION

#### 6.B.6.a. Information

##### 6.B.6.a.1. Radio & eAds

The June KTIC Radio Ad and Wahoo Newspaper eAd are promoting Chemigation permits. The ads are attached.

##### 6.B.6.a.2. Website Information

There have been a couple of requests for personal contact information to be shared on the website. In the past, it was asked to list home addresses only. The website has been updated to include email addresses. Do we want to include home or cell phone

numbers?

### 6.B.6.a.3. Recognition Banquet

In recent years, LPNNRD coordinated a Recognition Banquet for staff, directors, and award winners. The banquet was held for many years during the winter, but during the last few years was changed to a summer banquet in June. There has been previous discussions about changing the annual banquet to every other year. How do we want to proceed moving forward with 2019?

### 6.B.6.a.4. Husker Harvest Days

The Lower Platte North NRD was contact by the Central Platte NRD in regards to the Prairie Outreach Project at Husker Harvest Days. Central Platte is applying for a PIE grant and is seeking letters of support from other NRDs that plan to contribute \$200 towards the seed project. Additional information below was sent from Central Platte:

"Central Platte NRD will put in at least \$1,500 toward the seed purchase to ensure that there is enough for the event, plus some extra for outreach to Region 4 schools.

In 2018, partnering NRDs provided \$1,750 in contributions for seed which was 50% of the total seed purchase and Central Platte NRD provided \$2,000. Additional seed was provided by Prairie Plains Resource Institute as a contribution to the project. The seed was " high-diversity" mix containing hand-harvested forbs and tall grass species. In all we gave away over 800 native seed packets. The seed took up 10 full 55-gallon trash cans. We also provided native prairie, grazing, and prescribed burning brochures. "

## 6.B.6.b. Education

### 6.B.6.b.1. June Education Programs

<b>Date</b>	<b>School/Group</b>	<b>Grade/Age</b>	<b># of students</b>	<b>Topic</b>	<b>Staff</b>
Friday, May 31 <sup>st</sup>	4-H/NRD Outdoor Recreation Day	8-18		Outdoor Recreation	TePoel/Gottschalk/Elliott/Schomer/summer interns
Tuesday, June 4 <sup>th</sup>	Summer Kids Institute	8-18		Disc golf	Schomer/Elliott
Thursday, June 6 <sup>th</sup>	Summer Kids Institute	8-18		Disc golf	Schomer/Elliott

Friday, June 7 <sup>th</sup>	Saunders Co. Youth Ag Tour	7 <sup>th</sup> -12 <sup>th</sup> grade		Agriculture careers and opportunities	TePoel/Elliott
Tuesday, June 18 <sup>th</sup>	Summer Kids Institute	8-18		Water, Nature Hike (NRCS)	Water Department/Skye Rezac/NRCS- Jami Thoene
Thursday, June 27 <sup>th</sup>	Saunders Co. 4-H-Clover Kids	5-7		Fishing	TePoel

#### 6.B.6.b.2. FFA Open House

The Lower Platte North NRD is partnering with the Lower Elkhorn NRD and Lower Platte South NRD to host an FFA Advisor Open House on Tuesday, August 6<sup>th</sup> from 6-7:30 pm at the Lake Wanahoo NRD Recreation Area. This event includes a meal and the opportunity to visit with the NRD's I&E staff about potential education programs.

### 6.B.7. RURAL WATER SYSTEMS

#### 6.B.7.a. Colon System

The Colon system has a reactivated account with Brian and Tracy Kucera moving into their new home. There are also two new customers on the horizon; the Colon VFD is building a new fire barn and Leonard Zeleny is planning on putting up a new shed later this summer.

Testing and billing completed as normal.

#### 6.B.7.b. Bruno System

On 5/2 Elliott responded to a customer questioning water usage on a vacant house. The customer verified that the house had been vacant for more than two months, therefore, there was "no way" that the bill was correct. During meter reading the previous week it was noted that the meter indicated there was .15 gallons/minute going through the meter. Elliott explained to the customer there was either a leak, or a faucet/spigot that was dripping. Elliott and the customer met at the residence, Elliott pulled the meter so the customer could witness the reading (.15 gall/min still going through), and then proceeded to look for the leak. It was eventually located at the water softener due to a worn out gasket.

Monthly testing and bills completed as normal.

#### 6.B.7.c. Other

6.C. Water Committee - Action as Required

6.C.1. UNFINISHED BUSINESS

6.C.2. REGULATORY

6.C.2.a. GROUND WATER MANAGEMENT AREA

6.C.2.a.1. Well Permit Program

6.C.2.a.1.A. Supplemental Well Permit

Rohwer Family Limited Partnership (John Rohwer) is asking for a supplemental well to go in series with well G-051338. This tract of land is located in Section 36-17N-9E in Dodge County. The plan for this irrigated tract is for a sod farm.

Attached is some information related to the permit along with Supplemental Well Policy. The well log is from G-051388, which will be located 600 feet west of the proposed site of the new well.

John Rohwer was present at the Committee if other questions were needed to be answered. John explained the purpose of needing a supplemental well is to assure that the pivot would receive at least 500 GPMs..

6.C.2.a.2. Groundwater Budget 2019-20

Budget is attached for review.

6.C.2.a.3. LPNNRD Operator Certification

Three online tests have been completed in May (see following table)

Cert #	Cert date	Name	Re-cert	Comments
7202	5/15/2019	John Rohchmuthwer	New	
5369	5/28/2019	Aaron Reichmuth	Yes	
6139	5/28/2019	Scott Cernin	Yes	chemigation

6.C.2.a.4. Flow Meter Maintenance Program

Tri-City has serviced a majority of the meters in the SQS areas. After talking with Mark last week they had approximately 10 meters left to visit in SQS areas. They were not able to finish in the SQS areas and were not able to begin on the secondary area (voluntary/required meters) due to wet conditions. Attached is the invoice for approximately half of the meters that they were scheduled to visit this Fiscal year.

6.C.2.b. CHEMIGATION

For 2019 we have 454 renewals and 19 new permit applications for a current total of 473. Inspections for renewal permits have not begun.

Attached is a detailed report.

6.C.2.c. LIVESTOCK WASTE PERMITS

The LPNNRD has received # 1 livestock permit applications from DEQ since the last Water Committee meeting.

<b>Name</b>	<b>Livestock</b>	<b>Type of Permit</b>	<b>Legal Description</b>	<b>County</b>
West Road Producers	Poultry	New Construction	W1/2 SW1/4 27-18N-01W	Platte

This permit is for 4 buildings housing 190,000 Broilers.

6.C.2.d. Variance Ranking Sheet

A letter was sent out to individuals that had variances not approved going back to 2012. Ross Nelson called on Variance 012-0219 and is not going to developed this tract..

Gary Meister submitted a variance request in 2013 and wanted to share these comments: I have no-tilled my farm the last 7 years and never apply more than 75 hundreds of water with the pivot at a time to control erosion My waterways are seeded to grass Water seldom leave my farm while running the pivot As you can see I also use a moister probe to manage my watering I have heavy soils which require less water than sandy soils Farmers that I have talked to say they commonly water up to 25 inches of water per year on their sandy farms while I normally use less than 5 inches I understand that our resources need to be

used wisely.

Also is attached some information provided by Gary on his irrigation management.

Committee asked staff to revaluation Gary's variance and to work with Gary to see if there is a solution for land that is over the 20% Class 6-8 soils slopes. Staff will also look at all variances in similar situations.

### 6.C.3. GROUND WATER PROGRAMS

#### 6.C.3.a. DECOMMISSIONED WELL PROGRAM

Reasonable rates & an update on well packet forms

##### 6.C.3.a.1. Well Estimates

# new wells has been reviewed and approved for decommissioning since the last Committee meeting.

Well Owner	Type of Well	Cost Share Estimate	County

##### 6.C.3.a.2. Plugged Wells

2 wells have been plugged, reviewed, and ready for cost share payment approval this month.

Well Owner	Type of Well	Cost Share Estimate	County
Angela V. Bonne	Domestic	\$989.55	Butler
Morbach Inc	Irrigation	\$592.52	Butler

## 6.C.3.b. LOWER PLATTE NORTH NRD GROUND WATER STUDIES

### 6.C.3.b.1. Nebraska Environmental Trust

The "Aquifer Vulnerability Mapping and Analysis" grant to NET has a component for Vadose Zone Sampling for \$48,770. In the grant it shows UNL in-kind for vadose sampling as \$14,496. The question is does staff need to send RFPs for Board approval or can we just work directly with UNL?

Attached is the complete budget for the grant.

Committee felt that staff should send out RFPs with proposals reviewed at the June Water Committee.

### 6.C.3.b.2. NeRain

Attached is a map of NE Rain gauge stations throughout the district. We have some spots in the District that could benefit from having a gauge. Also we have a fair amount of stations that do not report anymore or do not report often.

### 6.C.3.c. Phoenix Master Database

Staff continues to utilize the Phoenix database and finds things that will make it more efficient to enter data and create reports. Attached is a change order from Phoenix for \$6700.

Staff reviewed the progress of the online reporting with the Phoenix Webgroup. There will be a lot of give and take as this process moves forward. The plan is to have staff review a beta version late summer or early fall with a group of producers testing it around the November time frame. An invoice for a second payment of \$18,275 is attached for payment in this budget year.

### 6.C.3.d. FORMER ORDNANCE PLANT NEAR MEAD

Daryl attended a tour on Wednesday, May 15. This tour was fairly similar as in the past with no major changes in the plume, More monitoring wells are being installed in 2019 and Molly Boughan is the new engineer for the Corps.

## 6.C.4. SURFACE WATER PROGRAMS

### 6.C.4.a. STATE LAKES, FOR THE WEEK OF

The week's beach Bacteria and Harmful Algal Bloom results are now posted on the NDEQ web page (<http://deq.ne.gov>).

For the week of May 20th, 2019 no current lakes in Nebraska were posted for Harmful Algal Bloom and no lakes in Lower Platte North showing high E. Coli bacteria.

#### 6.C.5. OTHER

A. GMDA Summer Conference next week in Salt Lake City. Three staff attending: Mountford, Andersen, and Brueggemann.

B. The summer interns were at the NARD Office in Lincoln today for the NRGWT class and test.

C. Benal and Oaklund will attend the Field Technician Training at Lower Loup NRD next week.

#### 6.C.5.a. COMMENTS FROM THE PUBLIC

#### 6.D. Projects Committee - Action as Required

##### 6.D.1. UNFINISHED BUSINESS

No unfinished business to address.

##### 6.D.2. SWCP

Elliott reviewed the current SWCP spreadsheet showing fund balances as attached to the Projects Committee Minutes.

##### 6.D.2.a. SWCP Application Approvals

No SWCP applications were presented at this time.

##### 6.D.2.b. SWCP Payments

David Fowlkes (Madison Co) - Livestock Protection Windbreak - 200 trees: \$340.00

Shanahan Family Trust (Saunders Co - Cottonwood WS) - Terrace w/ Tile Outlet - \$6872.13

Iron Court LLC (Saunders Co - Cottonwood WS) - WASCB w/ Tile Outlet - \$10,000.00

Don Fujan (Saunders Co - Cottonwood WS) - Terrace/WASCB w/ Tile Outlet - \$3387.26

##### 6.D.2.c. SWCP Cancellations

No cancellations were presented at this time.

##### 6.D.2.d. Wahoo Creek Cost Share Approvals

Wahoo Creek cost share approvals were requested at this time.

##### 6.D.3. WATERSHEDS

### 6.D.3.a. Shell Creek

#### 6.D.3.a.1. Shell Creek Environmental Enhancement Plan Implementation

#### 6.D.3.a.2. Shell Creek Project Payment - Jon Gehring

The Board has previously approved Jon Gehring 75% up to \$12,500 cost share assistance on his terrace and sediment control basin project in the Shell Creek Watershed. Attached is an \$47,847.58 total invoice for the completed work. After taking into account his \$25,135.01 EQIP payment, the attached cost share request for \$10,750.68 will be our share for his to receive 75% assistance. We plan to turn in this expense to NDEQ for grant reimbursement.

#### 6.D.3.a.3. Tom Sprunk Bank Stabilization/Wetlands Project

No new information to report at this time.

#### 6.D.3.a.4. Shell Creek Grant Funding Update

No no information to report.

#### 6.D.3.a.5. Shell Creek Project Update (HW 81 Levee Repair)

This potential project will be addressed at a later time after more investigation.

#### 6.D.3.a.6. UP Railroad Shell Creek Bridge Removal/County Road 15

On May 8th, a meeting was held with Union Pacific Railroad, Colfax County, SCWIG and LPNNRD representatives to coordinate county bridge replacements on roads 14 and 15. We were pleased to learn that the UPRR has this the road 15 bridge on their priority list to be replaced as early as this year. The goal is to finally have a properly sized structure to more adequately pass flood flows and reduce flood damages to the north. It appears that the replacement bridge will have at least 100' of capacity which will be far greater than the existing 50' bridge span. As part of the discussion, UPRR requested that LPNNRD and Colfax County agree to work with landowners for channel improvement and benching, north and south of the railroad bridge at county road 15 to reduce restriction of flood flows to the new bridge. Colfax County Engineer Mark Mainelli provided the attached map and narrative outlining potential improvements. Matt Bailey attended the Colfax County's Commissioners Meeting on May 28 and gave an update. It was reported that the County plans to approach UPRR to assist with the requested channel improvements and benching in addition to the bridge replacement.

### 6.D.3.b. Wahoo Creek Watershed

#### 6.D.3.b.1. Wahoo Creek Dam Site Planning Update & FYRA Invoices

Attached is the FYRA's May invoice (and progress report) totaling \$23,665 for contract work associated with the Wahoo Creek Watershed Plan. After this payment, \$83,306.71 remains under our \$574,990 contract.

#### 6.D.3.b.2. Olsson Design Update and Invoice

Attached is an invoice from Olsson totaling \$8,914.88 mostly for continued soil geotechnical analysis for Wahoo Creek dam sites 26a, 26b & 27. After this payment, \$1,840,774.40 will remain under contract.

#### 6.D.3.b.3. Buried Past Update and Invoice

As reported at the last meeting, Buried Past LLC. has completed the Archeological/Cultural Resource Report in the Wahoo Creek Watershed with the exception of a few minor wording inclusions. On May 23rd, LPNNRD and FYRA had a conference call with NRCS and the State Historical Society to discuss potential ways to address the archeological finding at dam site 83. While requirements are still under consideration, it appears that we may be able to address this issue by including wording in the eventual easement that the area remain in permanent grass and allow periodic monitoring for potential erosion impacts or other disturbance to the area.

As mentioned previously, Buried Past has recently submitted their final 91 page report and a summary of results and conclusions are attached. Anyone interested in looking at Buried Past's full detailed report, it can be found at: <https://drive.google.com/file/d/1raliHaiHWfx1zOlzlrxrTCxjCQzerFYr/view?usp=sharing>

Attached is Buried Past's second invoice totaling \$22,151.18 for completed contract work. After this payment, \$2,133.66 remains under the original \$68,850 contract. No recommendation is required for this contract payment.

#### 6.D.3.b.4. Wahoo Creek Dam Breach Overlay District

Over the past few months, we have met with Saunders County Zoning and Board in the past to discuss plans for the Wahoo Creek Watershed and our eventual request for a Dam Breach Overlay District for the proposed eleven dams. Having an overlay district to restrict development of inhabited dwellings within the dam breach paths will avoid millions of dollars in land rights costs. Now that we have received the final breach inundation maps, we are ready to formally meet with the county to finalize our request. Saunders County works with JEO engineering to prepare zoning restriction requests so we have been in contract with JEO to provide a scope and cost to prepare our needed information by their July 1, 2019 meeting. The committee is asked for a recommendation to move forward. There will be a \$200 conditional zoning permit fee with the County as attached.

Sean Elliott will discuss potential issues with existing dwellings located in the breach path.

#### 6.D.3.b.5. Wahoo Creek Watershed Water Quality Plan Phase II

No new business.

#### 6.D.4. JOINT WATER MANAGEMENT ADVISORY BOARD

The Joint Water Management Advisory Board met on May 16th at the Fremont City Office. Elliot and Mountford accompanied Director's Ruzicka, Olson, Thompson, Pollard and Saeger. It was reported that everyone on the Interlocal Agreement has signed. At the meeting, the advisory authorized moving forward to file assistance applications to FEMA, NEMA and the Nebraska Natural Resources Commission (Water Sustainability Fund). These applications will be requesting assistance for conducting a comprehensive study of the area to identify water issues and solutions. The advisory board passed a recommendation that JEO be hired at a maximum of \$10,000 to prepare these assistance request and proposed that this expense be shared by Dodge County (\$3,000), Fremont (\$3,000), LPNRD (\$3,000) and Inglewood (\$1,000) as attached.

We have also been asked to designate two official LPNNRD voting members for the Joint Water Management Advisory Board. The committee may want to consider appointing another two members as alternates.

#### 6.D.5. LOWER PLATTE RIVER CORRIDOR ALLIANCE

As reported at the May 13th LPNNRD Board Meeting, Mountford attended the LPRCA meeting held earlier that day. Attached are the minutes from that meeting.

Also attached is the final invoice totaling \$1,033.51 for our share of a portion of the final expense to complete the Lower Platte River Water Quality Plan that will open up grant funding opportunities for conservation practices on about one-third of LPNNRD not covered by a plan. HDR Engineering Firm has been working on behalf of LPSNRD, PMRNRD and LPNNRD to complete this work and obtain NDEQ and EPA approval. While most of the additional work that EPA/NDEQ required HDR to complete for finalizing the plan totaled \$34,450, NDEQ provided \$17,225, leaving \$17,225 to be provided by the three NRD's. Most of this local expense was taken from banked LPRCA funds, leaving \$1,033.51 for each NRD.

Matt Pillard, HDR, and Carla McCullough, NDEQ, were present at the Projects Committee meeting to review the plan. Matt has agreed to review the plan with the entire Board on June 10th as our education program. The completed plan can be viewed on the LPRCA website:

[https://www.lowerplatte.org/what we do/current projects/watershed management plan.html](https://www.lowerplatte.org/what_we_do/current_projects/watershed_management_plan.html)

#### 6.D.6. HAZARD MITIGATION PLAN UPDATE

Attached is JEO's \$10,940 invoice and progress report for work completed under our Hazard Mitigation Plan contract. Of this amount, 75% (\$8,205) will be reimbursed from NEMA/FEMA. After this payment, \$194,155 with remains under our \$210,000 contract.

Also attached is JEO's summary of the Flood Recovery Workshop/Open House that was held in Wahoo on April 30th, to assist entities apply for NEMA/FEMA disaster assistance funding.

#### 6.D.7. EROSION AND SEDIMENT RULES AND REGULATIONS

#### 6.D.8. Nebraska Buffer Strip Program

Marilee Polacek - Section 12 - 15N - 4E (Butler County)

Five year buffer strip application along Skull Creek, total stream length = 2835', 4.9acres, \$230.60/acre = \$1,129.94 annual payment.

#### 6.D.9. OTHER

##### 6.D.9.a. SID NO. 8 (Woodcliff) Approved Cost Share Payment Request/River Band Stabilization Project

LPNNRD has approved \$300,000 of assistance toward Woodcliff's River Bank Stabilization Project (administered by the Sanitary Improvement District No. 8, Saunders County). LPNNRD approved providing \$75,000/year over a four year period. We submitted our first \$75,000 assistance payment last year. As attached, SID No. 8 is formally requesting their second assistance payment which is included in our FY 19 Budget. After this payment, \$150,000 or two more \$75,000 payments to SID No. 8 remain. It should be noted that this project performed very well with no major damage during this years Platte River flooding.

##### 6.D.9.b. Lake Ventura Bank Stabilization Project Update/Future Assistance Request

No new information at this time.

##### 6.D.9.c. Transfers Into Project Sinking Funds

Toward the end of each fiscal year, we transfer funds into various sinking funds approved by the Board. One is the Shell Creek Sinking fund that the Board has previously approved moving unused budgeted Shell Creek land treatment funds (Budget No. 45-204) into that sinking fund. The other to address by this committee is the newly established LPNNRD Flood Reduction Sinking Fund. We have budgeted \$400,000 this fiscal year to be placed into this fund for future flood reduction projects.

#### 6.D.10. ADJOURNMENT

The Projects Committee adjourned at 9:55 a.m.

7. Additional Action Items

7.A. Clear Creek Cooperation Agreement

Attached find a Cooperation Agreement between the U.S. Army Corps of Engineers and LPNNRD. Also attached find comments from Legal Counsel Lausterer.

8. Approval of Bills Pending

9. Consent Agenda Adoption

10. Comments from Directors/Guests

11. Meeting Establishment/Adjournment

**NOTE: The agenda is on file at the LPNNRD office and may be changed up to 24 hours prior to the meeting as scheduled.**