

Regular Board of Directors Meeting
Monday, August 12, 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

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.1.a. Off Site Water Table Concerns Near Sand Creek

6.A.2. MEETINGS

6.A.2.a. Pending

6.A.2.b. Reports

6.A.2.b.1. NARD Employee Benefits/Stop Loss Committee Report

Attached are draft minutes from the NARD Employee Committee Meetings held on July 22, 2019.

6.A.3. MANAGEMENT ITEMS

6.A.3.a. Directors Absence

Attached find Director Yosten excuse of absence from the June Board Meeting.

6.A.3.b. Monthly Education Program

6.A.3.c. Upper Big Blue NRD Interlocal Agreement

The Upper Big Blue NRD wishes to revise our Interlocal Agreement relating to Shared Personnel Services. Our previous Interlocal Agreement shared clerical assistance and technical assistance to NRCS. UBBNRD has revised the Interlocal to only provide clerical assistance to patrons in the shared counties.

6.A.3.d. Union Bank - Deposit Account for Education Building

Management and HBE felt it would be the easiest to track Lake Wanahoo Education Building deposits by opening a checking account just for Education Building Deposits. Some deposits may be held for a year or more and some just a month or so. Deposits are 100% refundable in the event cancelation is received, in writing, a minimum of three weeks prior to the event. Staff would be able to refund the deposits without waiting for Board Meeting. A spreadsheet will be set up to track the deposits and a liability account will be set-up on our financial statement.

6.A.3.e. LARM 2019-20 Renewal Proposal

Our LARM insurance renews each Year on October 1. We need to decide how far ahead we are willing to commit to LARM for our insurance needs.

Our choices are shown on the attachment; we need to decide if we will sign for a one, two or three year term and if we will give 180 day or 90 notice if we choose not to renew. There are discount incentives for longer terms on both decisions.

6.A.3.f. NRD Farm Plans - Site #15

6.A.4. EQUIPMENT

6.A.5. PERSONNEL

6.A.5.a. General Manager Annual Evaluation

The Personnel Sub-Committee will meet Monday, August 12th at the NRD office - 4:00 p.m. to discuss the General Manager Evaluation.

6.A.6. FINANCE

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

Grant Nuttleman reviewed the June Financial Statements with the Executive Committee.

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

Attached find Manager Gottschalk's time and expense sheets.

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

6.A.6.d. Review of FY '20 Budget

Each Committee has reviewed their portion of the budget with Executive Committee charged with review of the Administrative and Personnel Expenses.

The Budget Workshop was held Tuesday, August 6th beginning at 5:00 p.m.

Our Budget Hearing will be held on August 12th beginning at 5:00 p.m., just prior to our August Board Meeting. It is anticipated that we will approve our FY20 Budget that evening.

At the September 9th Board Meeting we will set our F.Y. 20 Levy.

6.B. Operations Committee - Action as Required

6.B.1. UNFINISHED BUSINESS

There isn't any unfinished business to consider.

6.B.2. WILD NE AND OTHER PROGRAMS

We have nothing to consider under Wildlife Programs at this time.

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

The O & M crew finished tree planting on July 3rd. We have sprayed noxious weeds (Leafy Spurge, Purple Loosestrife, Sericea Lespedeza), shredding problem areas of weeds, cutting and treating volunteer trees. Doing dam maintenance/inspections.

6.B.3.a. No-Till Grass Drill Revenue

Rosendahl Farms Seed & Feed sent the District revenue information for the past year. From July, 2018 to December, 2018 our revenue was \$792.38 and from January, 2019 to July, 2019 it is \$783.00. The total for the year \$1,575.38.

Rezac Seed sent the District \$1,192.65, which is 50% of the total for the first half of 2019.

6.B.3.b. Wanahoo Dam Joint & Concrete Repair

Peerless Compaction Grouting started the joint repair in the Wanahoo dam on Monday, July 8 and completed the work on Tuesday, July 16. All joints were repaired and the broken concrete in the floor was also repaired. The repair has a one year warranty. The final invoice is \$35,478.00, it's also attached.

We also have an invoice of \$1,500 from Olsson Associates for a Spillway Inspection Report in which the entire spillway was evaluated and a recommendation for the concrete repair was made.

6.B.3.c. Flood Damage Repair Wanahoo Dam Plunge Pool

In repairing the spilling basin/plunge pool below the Wanahoo Dam, (if FEMA concurs) the District may be allowed to obtain three engineering quotes for design and oversight of the project repair (opposed to sending out RFP's). According to LPNNRD's purchasing policy, this would be allowed if the quotes are less than \$20,000 and if so, the District could proceed in taking the best qualified quote. However, If the quotes are greater than \$20,000, staff would like to forgo the Districts Purchasing Policy regarding RFQ's (Request for Qualifications) and hire Olsson Associates since they were the dam's design engineers. If FEMA does not allow the District to follow this desired process, we would advertise and request RFQ's for the repairs.

6.B.3.d. Flood Damage Repair Rawhide Ditch 8

In repairing Rawhide Ditch 8 due to the March flooding the District needs to advertise for RFP's for engineering services (design, bid letting, project oversight). Staff would list the items/areas of repair, have a sight showing in late August and potentially make a decision on a firm at the September Board meeting.

6.B.3.e. Fuse Plug Repair at National Guard Camp Ashland

In accessing damage to the Clear Creek Levee system sustained during the March flooding, the Corps of Engineers has determined that the Fuse Plug in the National Guard Camp will not be covered by PL84-99. Therefore, Lower Platte North and Lower Platte South are responsible for its replacement. Heimann inspected the site with FEMA on July 30, we hope it to be eligible. Staff recommends that the District advertise for RFP's in hopes of gaining a contractor and completing the repair before ice season.

6.B.3.f. Saunders County Road E, Clear Creek Levee

Steve Mika, Saunders County Highway, will be present to discuss the repair to County Road E which was damaged by the March flood. County Road E is an access for property owners on the river side of the levee and it connects the new levee with the old. (See Map) Saunders County is seeking funding from FEMA and USDA for the repair. The District would like the Corps of Engineers and/or the Fish & Wildlife Service to assist the County in technical advice in how the road should be replaced.

6.B.3.g. Fremont Non-Structural 205 Study

A Fremont Non-Structural 205 Study meeting was held on July 23, in Fremont. The Corps of Engineers went over a spreadsheet of Non Structural Alternative Comparisons (see attached). Of the comparisons the line item of 4% ACE Floodplain and 50%-60% participation is considered the best alternative based on Benefit-Cost Ratio and Project Cost keeping it below the 205 \$15 million limit. ACE = "Annual Chance of Exceedance", for example, a 1% ACE floodplain is a floodplain with a 1% chance in any given year of experiencing a flood, which would be equivalent to a 100 yr event. A 2% ACE floodplain the same as a 50 yr event and 4% floodplain the same as a 25 yr event.

This program would potentially be open to homeowners and commercial buildings for 10 years. The Non-Federal partners would decide how much they would contribute to the 35% local share in helping homeowners and commercial sites.

The Omaha office will now present this to the Northwest Division Headquarters.

6.B.4. LAKE WANAHOO

6.B.4.a. Lake Wanahoo Permit Sales

441 annual Lake Wanahoo permits were sold in the month of July. totalling \$7,525.00. This brings total annual permit sales to \$74,910.

6.B.4.b. Lake Wanahoo Camping Sales

6.B.4.c. Education Building Updates

-Interior framing has been completed. Sub-contractors are now working on completing the geothermal heating and air system, as well as the electrical system.

-Interior wall covering will begin this week and final insulation touch-up will also be completed this week.

-Garage doors will be installed August 8th or 9th.

-The City of Wahoo will be installing service to transformer the week of August 12th and the sewer line and water service will be installed August 17 & 18.

6.B.4.d. Pork Chop Island

All campsites and one of the outhouses have been completed. We are having our first campers use the island this weekend (8/3). People making reservations will be completing a rental form, and turning it in to the office prior to their stay, as a way to create a level of accountability. Campsite fees will be \$25/night per campsite and \$100/night for the entire island.

See attached photos for

6.B.4.e. Education Building - Hedges Construction Additional Charges

Rationale: Hedges Construction submitted their final bill for the erection of our Wanhoo Education building. We have paid them a total of \$ 26,000 (original bid) and they have submitted \$ 9,758.36 in additional charges. Additional charges include but are not limited to:

- Additional month of lift rental (delayed waiting on front door and replacement parts)
- Concrete lags, Flat-head screws, Caulk & Sealer
- Cut-in and Install 9 windows not included on original plans (2 on original)
- Front entryway fabrication and framing.
- Install glass in rear door
- Re-fab tin on framework and roofline and all corners
- Add trim to entryway
- Fix and repair Topline building errors.
 - Drill holes in perlins that arrived un-punched
 - Re-drill and paint brackets which arrived wrong and Wahoo metal fabricated

In order to realize substantial savings on this project, LPNNRD is acting as general contractor on a majority of the work being done. We have been able to save approx. \$ 80,000 to this point (\$244,000 estimate received initially from general contractor) however, situations such as this arise on a job of this size and as general contractor, I believe these additional costs were either requested by us or resulted in possible miscommunication between us, the supplier and the contractor. I believe all the additional charges submitted from the contractor are justified.

6.B.5. ROCK AND JETTY

We have received numerous inquiries regarding cost share assistance for stream bank stabilization and levee repairs here is a list. Novacek, Heuring, Medinger, Engel, Ritthaler, Cody, Poppe, Masek, Marshall, Croghan, Pellen, and Harris. There will be many more. The District should address the current policy/procedure and discuss cost-share assistance rates at this time for budget purposes.

6.B.6. INFORMATION AND EDUCATION

6.B.6.a. Information

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

The current KTIC radio ad and Wahoo Newspaper eAd promotes the deadlines for variance requests on new and expanded irrigated acres. The deadlines are August 15th (restricted & non-hydrologically connected areas) & September 15th (hydrologically

connected areas). The ads beginning September 16 will promote the recreation areas and will continue through October 31. The ads are attached.

6.B.6.a.2. Website

There has been a request for more information on our website.

In October 2017, an RFP was developed to seek proposals for website development, design, & hosting services. Redthread Creative was selected to give the website a new look with user-friendly features. Desirae will have specifics on that process.

Content Management Program: Wordpress
 Hosting Fees: FlyWheel: \$330 annually
 Domain Name (www.lpnrd.org): Hover: \$15.99 annually
 Technical Support: Redthread: \$80/hourly

6.B.6.b. Education

6.B.6.b.1. August-September Education Programs

Date	School/Group	Grade/Age	# of students	Topic	Staff
Thursday, September 5	Fremont Education Field Day	7 th grade		Drones/Lake Ecosystems/Tree Planting	TePoel/Sabatka/Heimann/Andersen
Saturday, September 7	World O! Water Festival			TBD	TePoel/Sabatka
Wednesday, September 18	Wonderful World of Water	High School		Wildlife CSI	TePoel/Sabatka

6.B.6.b.2. I&E Assistant/Receptionist

Lacey Sabatka joined the LPNDRD as the I&E Assistant/Receptionist on Monday, July 22nd.

6.B.7. RURAL WATER SYSTEMS

Last month the RWD sent out Cross Connection Reporting Forms (required under DHHS Title 179) and to date have received 25 of 70. Elliott has been reviewing all forms and will contact those customers who may have potential cross connections, i.e. no air gap from water softener, or backflow prevention device on sprinkler systems.

6.B.7.a. Colon System

On 7/23 Doukilil, Benal and Elliott installed new hydrant at 2nd and Pine in Colon. The old hydrant had been leaking and was beyond repair. The hydrant that was installed was from inventory, but also leaked, so a new valve assembly was put in.

The Colon Volunteer Fire Department installed a new 2" service to their new building as well as a 2" hydrant. Collins did both service taps.

Leonard Zeleny has contacted us about installing water service to a new shop he is building west of town. We are waiting for permits and his hook up fee.

Meters are read and bills will go out 8/2. Water sampling completed as normal.

6.B.7.b. Bruno System

Meters read and bills will go out 8/2. Sampling completed as normal.

6.B.7.c. Other

6.C. Water Committee - Action as Required

6.C.1. UNFINISHED BUSINESS

6.C.2. NET (Nebraska Environmental Trust) Grant

Committee needs some discussion on these questions before proceeding with the grant. Maybe the last question needs answered first, as the District might not be ready to tackle flow meters. If the grant is postpone the District is looking at fall/winter of 2021 for grant money becoming available for flow meters and that's assuming the grant would be approved.

1. Are we willing to put any money towards this activity?

1a. If we are concerned about budget I would strongly suggest narrowing the scope of meter installations to the Phase III area.

1b. If we are going to put money towards this activity are we going to have cost share with producers? If so what rate?

2. Who is going to do the meter installs? There is a tremendous amount of in-kind to be captured at \$300 per install.

3. Who is going to handle the meter maintenance? Will we contract it out like the SQS Areas?

4. Are we going to target additional funding from other sources? WaterSMART grants are going to be a really hard sell on this and WSF and 319 funding is going to be due quickly and are both extremely time consuming grants to put together. WSF funding is due July 31st, which effectively invalidates our ability to utilize those possible funds. 319 grants are due September 6th. We should be able to chase that without any issue, but it will require a minimum of 10% local match (the in-kind from installations would be far greater than that).

5. Is this project perhaps better suited to next year's grant cycle?

Committee and staff discussed the pros and cons on proceeding with a grant submittal. The plan is for staff to work on a proposal for the Committee to answer these questions and then

have discussion at the Board retreat. The plan is to submit a grant in next year's grant cycle.

6.C.3. REGULATORY

6.C.3.a. GROUND WATER MANAGEMENT AREA

6.C.3.a.1. Lower Platte River Basin Water Management Plan Coalition (LPRBC)

Bob Hilger, Larry Feala and Daryl attended the Lower Platte Coalition Annual Meeting in Ord. A report was given by Tyler, for the Technical Group, on the peak depletions of each reporting agency. (Report is attached) The budget, which is attached, was accepted with no new dues for the upcoming year. A presentation was given by DNR on what the new 10-50 area could look like. A map is attached for review. John Engel from HDR also made a presentation on the Lower Platte Consortium Drought Plan and where it is at currently in the process.

A study was conducted by Dr. Chen with the final report from April 5, 2013 attached. An excerpt from the Summary on page 45 of the report "A 10/50 area map was created through the simulated effect with the calibrated groundwater flow model. The extension of this area seems to be large. Note that the hypothetical wells used for determination of the 10/50 zone pumped continuously for 50 years. In reality, there were no wells operated in such a way. During the modeling period from 1950 to 2004, the groundwater level did not decline much in the study area and streamflow records did not show a decline trend for most gauging stations in the study area (Wen and Chen, 2006). Thus, the estimated 10/50 zone was generally exaggerated results compared to the real groundwater condition within the whole study area. On the other hand, groundwater is not unlimited resources. Overuse of it can certainly impact stream-flow especially during drought years. In uplands where aquifer thickness is small, careful groundwater management is needed." The map showing the Platte River 10/50 area is on page 42 of this report. Another map of interest is on page 24 showing the plan view of grid decretization and streams.

Staff will be providing information to the Committee/Board over the next few months on the propose 10/50 map from DNR. DNR will be at the October Water Committee or Board Meeting.

On Wednesday, August 7, John Engel from HDR discussed with staff and Bob Hilger the background on how the 10/50 area was developed. It was discussed that staff should reach out to other NRDs to get there thoughts, if the Board feels that's the direction they want to pursue.

6.C.3.a.2. Variance Request in the Hydrologically Connected Area (Limited Development Area)

Variances are due September 15, 2019

6.C.3.a.3. Variance Requests in the Non-Hydrologically Connected Area (Normal Development Area)

Variations are due August 15, 2019.

6.C.3.a.4. Variance Extension Request

James Macholan is requesting an extension for the Variance LPN-V-013-0281 for a new well on 36 acres with a Acre Feet Depletion of 7.27. This variance was approved Fall - 2019. The variance policy is that a well permit needs to be submitted 90 days after the variance is approved by the Board. The approved variance field was flooded this spring and was not planted till lately. They would like the opportunity to drill the well this fall/winter and then put the pivot on the field in the fall/winter of 2020-21. A letter is attached from Macholan's explaining the situation.

6.C.3.a.5. Well Permit Program

6.C.3.a.5.A. Well Permits Approved

Wells Permits Approved: #

Landowner	Number of Wells	Number of New Irrigated Acres	Type of Well	County	Subarea

The total number of approved permits for 2019 is #

Location of Approved Well Permits for 2019: Correct as of #####

County	Irrigation - New	Irrigation - Replacement	Stock	Commercial	Municipal	Other	Total
Butler							
Colfax							
Dodge							
Boone							

Madison							
Platte							
Saunders							
Total							

6.C.3.a.6. Cost Share Programs

6.C.3.a.6.A. Irrigation Well Sample Kits

Sample kits are just starting to be requested and sent out.

6.C.3.b. CHEMIGATION

So far in 2019 we have had 24 re-inspections. Still working on getting to all of them. In total including re-inspections and new permits we have 11 inspections left to do as of 8/1/19.

New Permits left to inspect: 4 (People aren't ready yet or just have applied)

Renewals left: 0

Re-inspections left: 7

Inspections completed thus far in 2019:

Renewals: 175 inspections done

New: 47 inspections done

Total inspections done: 222

6.C.3.c. LIVESTOCK WASTE PERMITS

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

Name	Livestock	Type of Permit	Legal Description	County
Dale Frisch	swine	new wean-to finish	SE SE Section 12-21N-4W	Madison

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Description of permit application
 2650 head nursery animals
 1000 head of finish animals

6.C.4. GROUND WATER PROGRAMS

6.C.4.a. DECOMMISSIONED WELL PROGRAM

6.C.4.a.1. Well Estimates

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

Well Owner	Type of Well	Cost Share Estimate	County
Jeffrey & Kathy Fadschild	Irrigation	\$1,000.00	Platte

6.C.4.a.2. Plugged Wells

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

Well Owner	Type of Well	Cost Share Payment	County
Donald L Birkel	Irrigation	\$931.53	Butler

6.C.4.b. LOWER PLATTE NORTH NRD GROUND WATER STUDIES

6.C.4.b.1. Lower Platte River Consortium

A revised draft plan has been re-submitted to Bureau of Reclamation after initial comments from the Bureau and corrections done by HDR and DNR.

6.C.4.c. GROUND WATER QUALITY SAMPLING

Midwest labs sent all the results and one invoice to Papio-Missouri River NRD. The total invoice was \$13,440 in which LPN share is \$2,432.50, as shown by the attached invoice. Breakdown of samples by NRDs is LPS - 88, Papio - 541 and LPN - 139. Staff has received the results and is in the process of analyzing the results for the Board.

6.C.4.d. AEM (Airborne Electromagnetic Survey) Flights

The third and final payment for AEM (Airborne Electromagnetic Survey) flights conducted in 2018 is attached. The invoice is for \$150,000 in which LPNNRD will get reimbursed \$90,000 from ENWRA (Eastern Nebraska Water Resources Assessment), which received a WSF (Water Sustainability Fund) grant in 2017. Total cost of the flights were \$750,000 in which the grant paid \$450,000 and LPN \$300,000. The complete report is due to LPN staff in August, with Jim Cannia of Aqua Geo Frameworks scheduled to make a report to the Board/Committee in November.

Papio-Missouri River NRD is submitting a WSF grant to do more flight east of Fremont. Attached is some information about the flights and the potential purpose.

6.C.5. SURFACE WATER PROGRAMS

6.C.5.a. STATE LAKES, FOR THE WEEK OF JULY 22, 2019

No lakes in the LPN is under HAB (Harmful Algal Bloom) with Fremont Lake No. 10 testing high for E. coli bacteria.

For further information about our BeachWatch Program, E.coli, HABs and the microcystin toxin please visit the links on our BeachWatch website. (<https://deq-iis.ne.gov/zs/bw/>). This information is updated weekly on our web site.

NDEQ receives numerous calls with questions regarding Health Alerts and Toxic Algae Blooms. Hopefully, with answer to a couple of them here.

1. Is the lake closed? No. We advise against activities that would bring you into extended contact with the water, i.e. swimming, wading, skiing, jet skiing,

etc. Fishing, camping, picnicking, etc. are safe activities at lakes that are under Health Alert.

2. Can we eat the fish from the lake? Research is limited but there have been no reports of illness from the moderate consumption of fish fillets caught during a freshwater HAB event. Research has shown that toxins tend to accumulate in the organs leaving the fish tissue affected much less .
3. If the beach sampled tested low for microcystin is the rest of the lake also low in HABs. Blooms can appear anywhere on a lake but tend to accumulate on the downwind side of the lake. An example of this is a beach on the south side of the lake that tested low but there is a suspected bloom in a residential area on the north side of the lake. NDEE does not have the resources to test all areas of each lake so it is up to each individual to use their best judgement when choosing where to recreate. See the pictures below for pictures of HABs we have seen around the state recently.

6.C.5.b. USGS STREAM FLOW GAUGING SITES

Invoice for \$17,090 is attached from USGS for annual payment on 2 streamgage sites and 1 groundwater well. This does not include the payment for the water quality site and monitoring well at Leshara.

Link to groundwater

well: <https://groundwaterwatch.usgs.gov/AWLSites.asp?mt=g&S=411005096281502&ncd=awl>

Streamgages at Shell Creek near Columbus and Wahoo Creek at Ashland, and one real-time groundwater level monitoring site, as agreed upon in the Joint Funding Agreement between Lower Platte North Natural Resources District and U.S. Geological Survey. JFA No. 19NRJFA00170

6.C.6. OTHER

6.C.6.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

Attached is the up to date FY20 SWCP spreadsheet. Nebraska DNR upped our FY20 SWCP allocation by \$1,000 for a total of \$83,599.25. Along with our local (pending) contributions of \$50,000.00, and \$3,000.00 tree fund , our total FY20 SWCP allocation is \$136,599.25. Our fall 2019 SWCP applications are up for approval and with those and the summer projects, our FY20 percent allocation sits at 142%.

6.D.2.a. SWCP Application Approvals

Fall 2019 SWCP project applications up for approval all meet high priority practice standards per 2019 SWCP policy and fall within high priority watersheds. Abbreviations: TOT (Tile outleted terraces) GWW (Grassed waterway) WASCB TO (Water and sediment control basin w/ tile outlet) Recommended applications:

- 19-B-1: Marcella Divis - Butler Co (Skull Creek WS) - TOT - \$12,500.00
- 19-B-2: William Kozisek - Bulter Co (Bone Creek WS) - TOT - \$12,500.00
- 19-B-3: Richard Voboril - Butler Co (Skull Creek WS) - TOT - \$12,500.00
- 19-B-4: Marie Roh - Butler Co (Skull Creek WS) - TOT & WASCB - \$12,500.0
- 19-B-5: Dwayne Lanc - Butler Co (Skull Creek WS) - TOT & WASCB - \$12,500.00
- 19-S-1: Ken & Kathryn Govaerts - Saunders Co (Wahoo Creek WS) - TOT - \$12,500.00
- 19-S-2: Louis & Darlene Kavan - Saunders Co (Sousek Road Structure WS/Cottonwood Creek) - GWW - \$12,500.00
- 19-S-3: James Vanek - Saunders Co (Site 26A WS) - TOT - \$12,500.00
- 19-S-4: Ron & Marjorie Slegl - Saunders Co (Czechland Lake WS) TOT - \$12,500.00
- 19-S-5: Hartman Family Trust - Saunders Co (Skull Creek WS) TOT - \$12,500.00
- 19-S-6: Shanahan Family Trust - Saunders Co (Skull Creek WS) TOT - \$12,102.18.
- 19-C-1: Carol Rosicky - Colfax Co (Shell Creek WS) WASCB - \$12,500.00

As a reminder, the dollar figures associated with each application are estimates and not firm figures. It is common for some projects to be completed for less than estimated.

6.D.2.b. SWCP Payments

None

6.D.2.c. SWCP Cancellations

None

6.D.3. WATERSHEDS

6.D.3.a. Shell Creek

6.D.3.a.1. U.P. Railroad Bridge Replacement Project - Colfax County @ 8:15 a.m.

Colfax County has had recent discussions with U.P. Railroad about their plans to replace their Shell Creek bridge at county road 15. U.P. has indicated that they are ready to move forward with bridge design as their desire is to complete the bridge replacement in 2020. For U.P. to move forward with constructing at least a 160' bridge opposed to a 100' bridge, they are requesting local commitment that channel improvement and benching north and south of the bridge will occur in order to justify the Railroad's extra expense for the wider structure. This will involve a future agreement between Colfax County and LPNDRD, outlining how we will contribute toward this local project expense. Mark Mainelli, Colfax County Engineer, and Carl Grotelueschen, Colfax County Commissioner, were present at the Projects Committee

meeting and provided more detailed project information and cost estimates (attached). While discussion with Colfax County will be needed to decide how we will share channel cleaning and benching project costs. The preliminary estimate is approximately \$500,000. LPNNRD has given our general support toward this effort in the past.

6.D.3.a.2. Shell Creek Environmental Enhancement Plan Implementation

6.D.3.a.3. Shell Creek Project Payments (319 Grant)

Laura Brand New Septic System Payment \$3,300 (Total cost = \$6,821.42)

We anticipate two more Shell Creek Project Payments that will be presented at the August 12 Board meeting..

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

We have been working with NDEE putting together final reimbursements for our current EPA 319 grant that initially provided up to \$300,000 to use mostly toward channel grade stabilization, landowner erosion control projects, septic system upgrades and outreach efforts in the Shell Creek Watershed.

We have also been working with NDEE for putting together the next agreement for receiving new EPA 319 grant for Shell Creek. We anticipate receiving up to an additional \$150,000 for water quality and erosion control projects for the watershed. We have requested having the agreement ready by the August 12 Board meeting. **A Board a motion to approve the Shell Creek 319 grant agreement with NDEE and authorize the Board Chair to sign is requested.**

6.D.3.a.5. Tom Sprunk Bank Stabilization/Wetlands Project

No new information at this time.

6.D.3.b. Wahoo Creek Watershed

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

We continue to work with FYRA and NRCS on completing the economics for the Wahoo Creek Watershed Plan. Attached are e-mails and information between FYRA and NRCS, Lincoln and NRCS, Little Rock AR, and following our Meeting with NRCS in Lincoln on July 11th. Things seem to be going ok at this point, but work still needs to be done to get everything wrapped up.

Attached is FYRA's \$8,144 invoice for contract work completed. After this payment, \$58,780.96 remains under contract.

As an essential part of completing a viable watershed plan, we are also gearing up for our meeting with Saunders County Planning and Zoning on August 5th. At that meeting we

will be requesting the establishment of the Dam Breach Overlay District in the areas below the eleven planned dams. The zoning application and \$200 fee were submitted to Saunders County Zoning Office on July 15 (attached).

Attached is JEO's \$1,350 invoice for contract work in preparation for establishing our needed Dam Breach Overlay District (draft attached). After this payment, \$4,050 will remain under this contract.

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

Attached is a \$3,241.60 invoice from Olsson mostly for contract geo-tech work on Wahoo Creek Structure sites 26a, 26b & 27. After this payment, \$1,827,750.96 will remain under contract.

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

6.D.3.b.4. Wahoo Creek Lands For Conservation (LFC) Payments

None.

6.D.3.b.5. Wahoo Creek Lands For Conservation (LFC) Application Approvals

Gary Prochaska has a farm (Section 9-15-5) that he planted wheat on planning with the intentions of doing summer conservation work. There are 70 total acres, with 23 acres draining into the Wahoo Creek (North Fork WS) and the balance draining north to the Cottonwood WS. Both sub-watersheds are priority with NDEQ so quality for Lands For Conservation (LFC). Therefore, Mr. Prochaska would be eligible for up to \$13,860.00 (\$198 per acre 70 acres set aside = \$13,860 of LFC payment upon NRCS certified completion of work. This eventual expense will be reimbursed to LPNNRD through our approved Nebraska Department of Environment and Energy Nebraska Department of Environmental Quality and Nebraska Environmental Trust grants. DEQ (now NDEE) and NET.

6.D.3.b.6. Wahoo Creek Lands For Conservation (LFC) Cancellations

NRCS staff has contacted the NRD and informed us that three approvals for 2019 LFC have cancelled their planned conservation work. The applicants along with acre and dollar allocations are listed below:

Darrell Kubik - 19 acres - \$3,610.00

Tyler Osmera - 32 acres - \$6,080.00

Joe Peterson - 32 acres - \$6,080.00

Total acres - 83

Total dollars - \$15,770.00

6.D.3.b.7. Wahoo Creek Water Quality Plan Phase II Funding Update

We have been working with NDEE putting together reimbursements for grant funding agreement (Part A) that provided up to \$183,000 for toward Lands for Conservation (LFC) payments for landowners who set a side land for summer conservation work. While we pay an amount for setting land aside for summer work, NRCS pays the landowners an amount to assist with practice construction through special federal EQIP funding (Water Quality Initiative) approved for prioritized sub-watersheds in Wahoo Creek.

We have also been working with NDEE on our next funding agreement for receiving our next allocation of EPA 319 grant for Wahoo Creek (Part B) totaling \$200,000 for erosion control projects in the watershed. We have requested having the agreement ready by the August 12 Board meeting. A **Board motion to approve the Wahoo Creek 319 grant agreement with NDEE and authorize the Board Chair to sign when received, after legal council review, is requested.**

6.D.4. JOINT WATER MANAGEMENT ADVISORY BOARD (JWMAB)

Attached are copies of the three proposals (FYRA, OA, JEO) we received in response to the Request for Proposals for a Flood Mitigation and Resiliency Plan for the Joint Water Management Advisory Board consideration. A small committee of Advisory Board partners met on July 22 to review and discuss strengths of each. All three firms and proposals were excellent. After consideration, the review group forwarded a recommendation to the JWMAB on July 30th, who approved a recommendation to select JEO. A financial contract commitment with JEO is contingent on them securing grant funding NEMA and WSF to fund the majority of the Flood Mitigation and Resiliency Plan.

6.D.5. HAZARD MITIGATION PLAN UPDATE

As part of our Hazard Mitigation Plan update, we are working with JEO gearing up for meetings with District communities and counties. The first will be held September 19, 2019, at the Wahoo Public Library and the second will be held September 24, 2019, at the David City Public Library. Both meeting will start at 7:00 p.m. See attachments for details.

Also attached is JEO's \$14,787.50 invoice for work completed under contract. Of this amount, 75% (\$11,090.63) will be reimbursed from NEMA and 25% of \$1,875 (\$468.75) of the work done for Fremont and Schuyler will be reimbursed from those entities as well.

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

No new updates.

6.D.7. OTHER

6.D.7.a. Budget Review

7. Additional Action Items

7.A. Amendment to Interlocal Agreement with LPSNRD

Attached find Amendment No. 4 to the Interlocal Agreement with Lower Platte South NRD. Lower Platte South plans to assist City of Ashland with their Well Head Protection Area. A portion of the area is within the Lower Platte North boundaries. (see attached map)

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.