

Regular Board of Directors Meeting
Monday, October 12, 2020 6:00 PM
Lake Wanahoo Educational Building
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

Kyle Overturf will present the 2020 Annual Audit.

5. Approval of Minutes

Are there any additions or corrections to the Board Meeting Minutes. If not they will be approve 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

Our attorneys are preparing to file the summary judgment motion on the case and I am preparing to attend the October 14th mediation on behalf of the Lower Platte North NRD.

6.A.2. MEETINGS

6.A.2.a. Pending

6.A.2.b. Reports

Hilger can report on the NARD Board Meeting held earlier in the week.

6.A.3. MANAGEMENT ITEMS

6.A.3.a. Directors Absence

6.A.3.b. Monthly Education Program

Kyle Overturf will give the Annual Audit report at the October Board Meeting.

6.A.3.c. LARM Annual Payment

Attached find our 2020-2021 Renewal Invoice from LARM for our Commercial Property Insurance in the amount of \$73,004.

The amount is \$871 more than the renewal proposal due to just adding our 2020 3/4 Ton Chevy that we just received.

6.A.4. EQUIPMENT

6.A.5. PERSONNEL

6.A.5.1. Education Coordinator Position

Our current I&E Coordinator Lacey Sabatka and her husband TJ are expecting their first child on January 2nd. When Kara Nelson left the decision was made to wait until a later date to replace her position. Knowing Lacey will be gone for a period of time beginning in January, I believe it is time to move forward on advertising for the new position. I will be sharing a handout with a list of responsibilities currently being assumed by our single I&E position. It is my recommendation to create the position of Education Coordinator and change Lacey's position to Information Coordinator. This will allow us to continue to grow our information and education outreach to all individuals in our district, young and old, and promote the department's mission of informing our district, "Who we are, What we do, Why what we do is so important and Where we are located." We have budgeted for this position this year and discussion is requested.

6.A.6. FINANCE

6.A.6.a. Union Bank Line of Credit

I have been contacted by Union Bank inquiring if we would like to renew our line of credit. If so, I will work with the bank and our accountants to prepare the paperwork and have ready for our November meeting.

The Executive Committee directed Management to work with Union Bank and Trust on renewing our Line of Credit

6.A.6.b. Approval of Financial Reports

Attached find the August Financial Report. Grant will be available to go over the report with the Executive Committee.

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

Attached find Gottschalk's time and expense sheets.

6.A.6.d. Accounts over 90 Days

6.A.6.e. Fiscal Year 2020 Audit

We are anticipating receiving the Annual Audit Report before Board Meeting. Kyle Overturn will be available at Board Meeting to discuss the Audit Report.

A motion will be needed at Board Meeting to accept and place on file the 2020 Audit Report as prepared and presented by Almquist, Malzahn, Galloway and Luth.

6.B. Operations Committee - Action as Required

6.B.1. UNFINISHED BUSINESS

We do not have anything to address.

6.B.2. WILD NE AND OTHER PROGRAMS

We do not have anything to consider.

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

The O & M crew sprayed problem brush areas on dams, sprayed Phragmites and other invasive plants. Continue to cut and treat trees at many locations. Regular maintenance items on vehicles and equipment. We have started the installation of ice monitoring camera brackets on Platte River Hwy bridges.

6.B.3.a. Clear Creek Levee Repair by Corps of Engineers

We have not been notified as to whether the ROW markers, fence and staff gages have been installed. We have asked for a final inspection when completed.

6.B.3.b. Wanahoo Stilling Basin - (FEMA)

FYRA is finalizing design with NeDNR Dam Safety and the contractor. The scheduled start date is still November.

The most current invoice of \$16,960.50 was received from FYRA for their most current work on the Wanahoo Stilling Basin. The total contract invoiced to date is \$98,193.95 out of a \$98,200.00 contract.

6.B.3.c. Clear Creek Fuse Plug at Camp Ashland (FEMA) and O & M Addendum Agreement

We received 50% or \$14,641.66 of the local share from Lower Platte South NRD for the rehab of the Fuse Plug Levee in the National Guard Camp.

Staff is also engaged in the finalization of the O & M Addendum to the Inter-local Agreement between our District, Lower Platte South, Papio, and Army National Guard for the flood control structures within the National Guard Camp and the WSCC Levees. We held a video conference on Tuesday, Sept. 29. We hope to have this completed by early 2021.

6.B.3.d. Cottonwood 21-A Emergency Spillway

Nothing has occurred since our last committee meeting. We believe Mainelli & Wagner

are creating a design for NeDNR Dam Safety to review and also waiting on a Dam Safety Engineer to be put on staff by the NRCS in October.

6.B.3.e. Wanahoo Auxiliary Spillway Crack Repair

Committee requested staff to contact a couple more contractors to possibly give a quote. One said they didn't repair or fill cracks and M.E. Collins is working on an estimate.

6.B.3.f. Czechland Lake Report

During this calendar year we have received camping revenue of \$15,000.

Staff did some maintenance on the two rock jetties by adding rock and beefing up the area around the sidewalk on one jetty.

6.B.3.g. Recreation Area Hay

Dan Kadavy hayed the Homestead area and made 40 bales at an average weight of 1060 lbs. His bid was \$65/ton. He paid the District \$1,378.00.

We have not received any information from Czechland and haying continues or is near completion on the Wanahoo property.

6.B.3.h. Vehicles

The 2020 3/4 ton Chevy we ordered via the State contract finally arrived in September. We will proceed in selling the Jeep Patriot Sport 4x4 with 81,000 miles. We will start by asking for \$7,950.

6.B.4. ROCK AND JETTY

We have not received any information or request this past month.

6.B.5. LAKE WANAHOO

6.B.5.a. Lake Wanahoo Permit Sales

For the month of September, the District sold 152 annual permits for a total of \$2,787.50. The 2020 numbers continue to be higher than 2019. For the same time period last year the District sold 118 annual permits for a total of \$2,015.00.

Year to date, the District has grossed \$95,295.00. In 2019 at this time the District had made \$81,627.50.

See Attached Spreadsheets

6.B.5.b. Lake Wanahoo Camping Revenue

For the month of September, the District received \$7,849.01 in online

reservation revenue and \$6,781.00 in walk-up camping revenue.

For comparison, in 2019 the District made \$6,471.38 in online camping revenue.

6.B.5.c. Lake Wanahoo Education Building

During the month of September, the building was rented 24 times. 10 of those were full day events, and 6 were NRD or education-related meetings. Revenue for month of September was \$1,100

Full Rental: 10

Day Rental: 9

Night Rental: 3

6.B.6. INFORMATION AND EDUCATION

6.B.6.a. Information

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

KTIC Radio ad for October is featuring the voluntary cost-share program available to landowners in the Shell Creek Watershed to upgrade septic systems that have an open discharge (see attached).

Wahoo Newspaper eAd will be switched over in October with the attached ad.

6.B.6.a.2. Analytics

Website

The top 5 pages remained the same for the month of September. Number of users decreased slightly. Desktop viewing increased again during September.

LPNNRD Website	# of Users	Top Pages/views	Viewing Device
October 2019	710	Home 543 Lake Wanahoo 355 Staff 121 Czechland Lake 100 Contact 95	Desktop 58.73% Mobile 34.48% Tablet 4.79%
August 2020	1,583	Lake Wanahoo 1,542 Home 793 Czechland Lake 311 Outdoor Recreation 248 Downloads 208	Mobile 48.11% Desktop 47.35% Tablet 4.55%
September 2020	1,366	Lake Wanahoo 1,205 Home 761 Czechland Lake 282 Outdoor Recreation 188 Downloads 146	Desktop 52.71% Mobile 42.97% Tablet 4.32%

Facebook top posts: Earlier this week, LPNNRD staff helped plant native plants to spruce up the area south of the Lake Wanahoo Education Building (with pictures during the planting).

According to LPNNRD General Manager Eric Gottschalk, because the property valuation for the district's counties went up 5% from 2019's valuation of \$9,801,620,624 to this year's valuation of \$10,288,708,813, the tax levy went down 5% compared to last year's rate of .035511. (Linked to article on Wahoo Newspaper site) <https://bit.ly/33AZHUg>

The Lower Platte North NRD is dedicated to the conservation, preservation, and wise use of our natural resources. Nebraska's NRDs are charged under state law with 12 areas of responsibility. Learn more at lpnnrd.org (with picture for "Management and Conservation of Groundwater and Surface Water.")

Facebook	Total Views	Total Reach	Total Engaged Users	Followers
October 2019	9,446	6,772	1,273	873
August 2020	2,813	2,615	147	1,178
September 2020	2,549	2,320	100	1,185

Twitter top posts: The Lower Platte North NRD is dedicated to the conservation, preservation, and wise use of our natural resources. Nebraska's NRDs are charged under state law with 12 areas of responsibility. Learn more about soil conservation at <http://lpnnrd.org> (with Soil Conservation picture)

The Lower Platte North NRD is dedicated to the conservation, preservation, and wise use of our natural resources. Nebraska's NRDs are charged under state law with 12 areas of responsibility. Learn more about the LPNNRD's recreation areas at <http://lpnnrd.org> (Outdoor Recreation picture)

Almost a year and a half has passed since the devastating flooding of March 2019. The Clear Creek Levee took a hard hit, but the repairs are nearing the final touches. https://wahoo-ashland-waverly.com/ashland/news/clear-creek-levee-nearly-free-of-flood-damage/article_74adf514-e7c8-11ea-92a0-93f31c1fd834.html...

Twitter	Impressions	Engagements	Followers
October 2019	3,707	61	300
August 2020	3,842	138	331
September 2020	2,498	76	332

6.B.6.a.3. Long Range Plan FY 2021

During the September 14 Board Meeting the approval of the Long Range Plan was tabled. Since the last Board Meeting there were minor additions made to the plan. The most current Long Range Plan was emailed to staff and Board for review. A motion is needed to remove it from the table for Board Action to approve.

6.B.6.b. Education

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

Land Judging

LPNNRD will be hosting the East Central Regional Land Judging contest on Tuesday, October 6th. There are over 200 students signed up to participate. If you are able to help, please Lacey know. Thank you to those who have contacted me that they are able to help!

Classroom Activities

Date	School/Group	Grade	# of Students	Topic	Staff
9/15 and 9/17	Wahoo Elementary	Kindergarten	40	Trees	Sabatka

6.B.7. RURAL WATER SYSTEMS

6.B.7.a. Colon System

The Colon system had a positive coli form sample, as well as, a repeat sample testing positive. This requires a Level 2 Assessment to be completed by Elliott and our DHHS representative.

On 9/27 Elliott was notified of an leak in Colon. Upon inspection it appeared that there were potentially multiple leaks along the main on Spruce Street. Collins was contacted to assist with repairs due to possibility of extensive excavation. The leak was traced back to a pressure break on the main ~25' upstream from where the water was bubbling to the surface. Repair sleeve was securely placed and stopped the leak, Elliott flushed the downstream hydrant thoroughly after line was secured.

6.B.7.b. Bruno System

Routine monthly sampling completed, meters read and bills have been mailed.

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. Variance Request in the Hydrologically Connected Area (Limited Development Area)

The District received 17 applications for new irrigated acres in the Hydrologically Connected Area. All applications listed on the attached table meet the 300 point ranking threshold. The 17 applications total 1,111 acres and account for 145.447 acre feet of new depletions.

Staff showed the list to the Committee and didn't see an issue with any of the variances.

6.C.2.a.2. Variance Requests in the Non-Hydrologically Connected Area (Normal Development Area)

One application was received prior to the August 15th deadline but was mixed in to the HCA applications. Randall Rasmussen has applied for a 17 acre expansion in the SE1/4SW1/4 S16-16-8E, Saunders County. This application had a ranking score of 370, and a total depletion of 3.825 acre feet.

6.C.2.a.3. Variance Requests in the Restricted Development Areas

Attached are the list of conditions for Roger Harders Variance approval. Staff sent this to Roger on September 10. Staff also had Katie review this area for thoughts on monitoring well location. That information is also attached.

6.C.2.a.3.A. Hollst Bros. RDA Expansion Application

Hollst Bros. have applied for an expansion of 62.5 acres from an existing well in S30-T15N-R9E, Saunders County, Restricted Development Area. Well G-069761 currently irrigates 200.23 acres and pumps out of the dakota aquifer which underlies the quaternary formation.

This application would fall under GWMA Rules & Regulations Section P Rule #1: **"Rule 1:** The District will allow expansion of new acres but does not allow for any more consumptive use in the RDA. Any development of new irrigated acres in the RDA shall be offset with an equal number of irrigated acres retired within the same aquifer subarea and shall be considered a transfer. The RDA areas within Lower Platte North NRD are on file in the District office and shown on Exhibit A."

With a rolling allocation placed on the well of 27 acre inches, the additional 62.5 acres would set the rolling three year allocation at 20.58 acre inches.

6.C.2.a.4. Well Permit Program

6.C.2.a.4.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 2020 is #

Location of Approved Well Permits for 2020: Correct as of #####

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

6.C.2.a.5. Cost Share Programs

6.C.2.a.5.A. Irrigation Well Sample Kits

312 kits have been sent out.

6.C.2.a.5.B. Flow Meter Maintenance Program

Attached is an article on mechanical vs electronic meters along with LPN approved meters as of 11/11/2018.

Does the Committee want to revise the approved flow meter list?

Committee and staff discussed the options and viewed the current list. The plan is to invite Lindsay Corp. to a Committee Meeting to discuss the meters they are offering. More discussion will continue throughout the fall and winter before a final list is updated.

6.C.2.a.6. Bellwood Phase 2 Area

2020 is the eighteenth year for this Phase 2 Area. (In 2015 this area was reduced from 32 sections to 21 sections.)

a

Year	Nitrate-nitrogen Range	Percent Nitrate-nitrogen 0 to 8.0 ppm	Percent Nitrate-nitrogen 8.01 to 10.00 ppm	Percent Nitrate-nitrogen 10.01 to 15 ppm	Percent Nitrate-nitrogen greater than 15 ppm
2004	0 to 25 ppm	46.3% (44 of 95)	8.4% (8 of 95)	45.3% (43 of 95)	
2005	0 to 25 ppm	47% (44 of 94)	15% (14 of 94)	38% (36 of 94)	
2006	0 to 24 ppm	41% (29 of 71)	14% (10 of 71)	45% (32 of 71)	
2007	0 to 31 ppm	48% (48 of 100)	9% (9 of 100)	43% (43 of 100)	
2008	0 to 28 ppm	53.75% (43 of 80)	7.5% (6 of 80)	38.75% (31 of 80)	
2009	0 to 22 ppm	45.5% (41 of 90)	15.5% (14 of 90)	39% (35 of 90)	
2010	0 to 35.7 ppm	48.65% (54 of 111)	11.71% (13 of 111)	39.64% (44 of 111)	

2011	0 to 26.6 ppm	51% (56 of 110)	6% (7 of 110)	43% (47 of 110)	
2012	0 to 28.9 ppm	57% (61 of 107)	9% (10 of 107)	34% (36 of 107)	
2013	0 to 25.8 ppm	50% (53 of 107)	9% (10 of 107)	41% (44 of 107)	
2014	0 to 22.3 ppm	51% (55 of 108)	13% (14 of 108)	36% (39 of 108)	
2015	0 to 32.3 ppm	43% (31 of 72)	8% (6 of 72)	49% (35 of 72)	
2016	0 to 35.1 ppm	34% (25 of 74)	11% (8 of 74)	55% (41 of 74)	
2017	0 to 23.5 ppm	36% (27 of 74)	15% (11 of 74)	49% (36 of 74)	
2018	0 to 30.9 ppm	40% (25 of 63)	11% (7 of 63)	49% (31 of 63)	
2019	0 to 24.5 ppm	46% (22 of 48)	10% (5 of 48)	44% (21 of 48)	
2020	0.08 to 20.5	34% (19 of 56)	11% (6 of 56)	36% (20 of 56)	19% (11 of 56)

All sample results from Lab have been received.

6.C.2.a.7. Richland - Schuyler Phase 3 Area

2020 is the fifth year of this Phase 3 Area. This Phase 3 area went into effect September 1, 2015. The 55 sections of this area first went into a Phase Area in 2004. The ten sections that were in Phase 2 are now in Phase 3. As such, the 2020 numbers (at bottom of table) are for 65 sections.

Year	Nitrate-nitrogen Range	Percent Nitrate-nitrogen 0 to 8.0 ppm	Percent Nitrate-nitrogen 8.01 to 10.00 ppm	Percent Nitrate-nitrogen 10.01 to 15 ppm	Percent Nitrate-nitrogen greater than 15 ppm
2004	0 to 47 ppm	30% (42 of 139)	10% (14 of 139)	60% (83 of 139)	
2005	0 to 120 ppm	31.3% (74 of 236)	10.2% (24 of 236)	58.5% (138 of 236)	
2006	0 to 53 ppm	28% (50 of 181)	14% (26 of 181)	58% (105 of 181)	
2007	0 to 99 ppm	32% (75 of 231)	10% (22 of 231)	58% (134 of 227)	
2008	0 to 46 ppm	28% (53 of 190)	12% (23 of 190)	60% (114 of 190)	
2009	0 to 57 ppm	33% (72 of 216)	6% (13 of 216)	61% (131 of 216)	
2010	0 to 57.5 ppm	31% (70 of 229)	7% (15 of 229)	62% (142 of 229)	
2011	0 to 65.8 ppm	28% (67 of 241)	9% (21 of 241)	63% (153 of 241)	

2012	0 to 52.6 ppm	29% (70 of 241)	9% (21 of 241)	62% (150 of 241)	
2013	0 to 94.0 ppm	25% (63 of 252)	9% (23 of 252)	66% (166 of 252)	
2014	0 to 101.0 ppm	27% (68 of 251)	9% (22 of 251)	64% (161 of 251)	
2015	0 to 53.3 ppm	23% (55 of 238)	12% (29 of 238)	65% (154 of 238)	
2016	0 to 50.5 ppm	25% (58 of 228)	10% (22 of 228)	65% (148 of 228)	
2017	0 to 53.4 ppm	25% (60 of 238)	6% (14 of 238)	69% (164 of 238)	
2018	0 to 56.9 ppm	26.5% (50 of 189)	6.3% (12 of 189)	67.2% (127 of 189)	
2019	0 to 39.4 ppm	25% (53 of 209)	11% (22 of 209)	64% (134 of 209)	
2020	0 to 50.8	25% (59 of 234)	6% (14 of 234)	27% (64 of 234)	42% (97 of 234)

All sample results from Lab have been received. There are, however, two dozen kits to Phase 3 Area producers which have not yet been returned.

6.C.2.a.8. GROUND WATER QUALITY SAMPLING

Some maps showing nitrates results. These are the samples that NRD staff collected.

Staff presented the nitrate maps showing the preliminary nitrate results from the water sampling conducted in summer 2020. The Committee is concerned on the percentage of wells over 15 ppm in the Schuyler-Richland Phase Area. It was recommended that staff should have discussions with public health officials for their thoughts on the nitrate issues. Staff will be contacting this group for future education to the Committee/Board.

6.C.3. GROUND WATER PROGRAMS

6.C.3.a. DECOMMISSIONED WELL PROGRAM

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
GDR Farms	Irrigation	\$1,000.00	Butler

6.C.3.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 Estimate	County

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

6.C.3.b.1. Phase Area Update

Staff has been working directly with LRE/JEO on the Nitrogen Risk Management Tool. Here is some information from the conversations, which staff/committee can give some input. Attached is conceptual flow chart.

Staff showed the flow chart to the Committee and explained that after the assessment tool is developed, it can assist in identifying areas of greatest concerns in terms of contamination leaching. The nitrate assessment tool should help in placing best management practices in strategic locations.

SWB Model

- Model in initial calibration stage
- A qualitative calibration will be completed using Dr. Snow's vadose data provided by the NRD.
- Model will be run at this time with the following landcover categories:
 1. Corn
 2. Soybeans
 3. Alfalfa
 4. Pasture/Grass

5. Wheat/small grain (Action item: Roscoe will discuss with Joel on the roots zones to see if other category may be broken out of this)

BMPs - Tool input (Committee Input)

- 2 crop rotation
- Manure Application
- Variable Rate N application
- Split application
- Tissue sampling
- No till
- Buffer strips
- Residue management
- Flow Meters to monitor water usage
- Using Phase Reports as a tool before applying fertilizer
- Soil Sampling/Recommended Fertilizer rate
- Introducing microbial life with the application of bioremediation products
- Chemigation
- Soil Moisture Probes
- Cover crops
- Rye
- Barley
- Forage Mix
- Remote reading of rainfall, soil moisture, humidity and a number of other crop health factors to give the crop the fertilizer it needs at the time it needs it for maximum efficiency.

Irrigation Methods and Nitrogen Application

- The NRD will provide literature on common practice methods associated nitrogen applications associated with different irrigation types.
 - Possible irrigation Categories:
 - No irrigation
 - Center Pivot
 - Chemigation (this may apply to many methods)
 - Furrow
 - Drip
- This may be used in place of a range of nitrogen application categories:
 - No Nitrogen
 - Reduced Nitrogen
 - Typical for Crop
 - Long-term typical applications
 - Heavy long-term application

- Further discussion with the NRD to define the methods is necessary on this to nail down the approach to determining the qualitative risk associated with variable nitrogen loadings. (Action item: TBD)

6.C.3.b.2. ELM Modeling Project

The LLNRD has had an account open for the Elm Modeling project that still had some cash in it. We have decided to close that account and distribute the money based on participation percentage back to the Districts.

You will be receiving a check in the mail that reflects those amounts. Don't spend it all in one place!

Thanks!

Russ

LCNRD - \$400.92

LENRD - \$2,502.30

LNNRD - \$891.70

LPNNRD - \$894.01

MNNRD - \$760.37

UENRD - \$3,023.04

ULNRD - \$3,513.82

The Lower Platte North will be receiving \$894.01 for its portion from LLNRD.

6.C.3.c. Long Range Plan 2020-21

Staff explained the changes made to the Long Range Plan, which the Committee had no issue with. The Committee did discuss the process of implementing flow meters district wide. Staff explained that if the NET grant is approved for BMPs in the phase areas, the NRD would be offering cost-share to start the process of installing flow meters in these areas in 2021. Staff reported to the Committee, that at this time around 1000 wells are required to have flow meters and is in the process of getting about 2 dozens producers, since 2008, into compliance with this requirement.

Attached is the Long Range Plan that was presented at September Board Meeting. The Plan was tabled as concern was raised over the direction of a Board Member on Water Use within the District. Staff added these statements on page 11 (15) and 13 (17).

To start the process of collecting accurate water use data to assist in future water studies and increase water consumption efficiency.

6. Integrated Water Management. Siting of potential recharge sites, storage reservoirs (both surface and groundwater), and potential water reuse projects to enhance the water supply in the District. Additional water use devices, monitoring wells, streamflow gauging, and precipitation sites will likely be necessary. Effects of climate change will also need to be considered as part of integrated water management.

The following statement was already included on page 12 (16)

Develop a groundwater model for each sub-area. Additional information on water use from all wells will be needed for accurate information.

Is the Committee wanting to make a motion to install Water Use Devices District Wide?
If yes, what would be the time table? Groundwater Rules and Regulation change?
What is the purpose or justification to go District wide with Water levels, as a whole, still above trigger levels?

6.C.4. SURFACE WATER PROGRAMS

6.C.5. OTHER

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

6.D.2.a. SWCP Application Approvals

20-S-8		Norman Lindgren	\$ 044.25	6,	TOT

6.D.2.b. SWCP Payments

6.D.2.c. SWCP Cancellations

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

6.D.3. WATERSHEDS

6.D.3.a. Shell Creek

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

No new information.

6.D.3.a.1.A. Tom Sprunk Bank Stabilization/Wetlands Project

LPNNRD, LPNNRD & SCWIG have been assisting Tom Sprunk with selecting a contractor for completing his grade stabilization/wetlands project. Mr. Sprunk has been working with Wemhoff Construction on a bid for completing the project. Wemhoff has adjusted his bid to lower the total cost to \$46,170.77 for completing the project. Jim Reedy, NRCS Project Engineer, has indicated that that price appears reasonable for work being completed at this time so Mr. Sprunk has notified the contractor to proceed. LPNNRD has approved 75% landowner assistance up to a maximum of \$40,000 assistance. LPNNRD 75% would be \$34,628 based on the projected project components. We will also provide 75% assistance for the seed which will be completed by the landowner.

6.D.3.a.1.B. Shell Creek Grant Funding Update

No new information.

6.D.3.a.1.C. Shell Creek Channel Improvement/Benching Project Update

Matt Bailey has reported that the North Channel (of the U.P. Railroad Bridge near County Road 15) portion of the Shell Creek Channel Improvement/Benching Project has been completed, including seeding. We anticipate receiving an invoice for payment soon. Colfax County continues to move toward completing the South Channel work and all landowners appear to be on board with project plan. Matt said that Pruss Construction will complete all of the south work immediately this fall, but hold off on work on property directly south of the bridge until a 404 permit is obtained.

The U.P. Railroad has said they will start work on their bridge replacement this November with plans to complete the project within the first quarter of 2021. The bridge replacement on county road 14 is moving along very well as it is anticipated that the bridge deck will be completed the week of October 5th.

6.D.3.a.1.D. Shell Creek Septic System Upgrade Application

Jerry Korte	\$4,800.00
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6.D.3.b. Wahoo Creek Watershed

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

NRCS has formally approved our agreement amendment to pay for the additional economics analysis they are requiring for the Wahoo Creek Watershed Plan. As authorized by Board, General Manager Gottschalk has signed the NRCS

amendment and the contact amendment with FYRA for completing the work. Both executed amendments are attached.

6.D.3.b.2. Wahoo Creek Watershed Water Quality Plan Phase II

6.D.3.b.2.A. Mike Chvatal Dam

The Mike Chvatal dam has been certified by NRCS staff and the contractor has submitted a bill. The total cost of the project came in at the bid price of \$61,808.65. The Board had previously approved up to 75% cost-share on this project based off of the low bid of \$61,808.65 up to total payment of \$46,356.49.

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

No new information. We anticipate an invoice from Olson by the Board Meeting.

6.D.4. JOINT WATER MANAGEMENT ADVISORY BOARD

6.D.4.a. North Bend Drainage District Project

FYRA continues to assist the North Bend Drainage District, Dodge County, Fremont and LPNNRD on the FEMA assistance application. Things have been going favorable so far as it appears the cost benefit ratio will be more than 1:1 that is required for potential assistance.

6.D.4.b. Platte River Breach Repair Project (Rod & Gun Club)

The involved partners (Fremont, Dodge County, Fremont Rod & Gun Club & LPNNRD) have been obtaining official approval on the Agreement that was passed by LPNNRD on September 14 (attached). JEO has been selected as the project engineering firm and the next step will be for the partners select a contractor through the bidding process.

We also received the Fremont Rod and Gun Club's signature on the agreement (attached). The Club is asking that the following be considered as the project moves forward:

John Miyoshi, Club President, sent the following suggestions for a future amendment to be considered by Fremont, Dodge County and LPNNRD.

"My Board has one request that can be handled by one of the following two suggestions:"

1. An amendment to the Agreement on item #2 adding language that would name all four signees as fiscally responsible. (or)
2. In each of the two mentioned contracts have all four amendment signees listed.

6.D.4.c. Platte River Camera/Sensor Project

All partners (Fremont, Dodge County, PMRNRD, and LPNNRD) have approved the Interlocal Agreement to establish cameras and water sensors at key locations along the Platte River. We are planning to install five cameras and two sensors in October-November after FEMA approves funding for the project which is anticipated soon.

6.D.5. NEBRASKA BUFFER STRIP PROGRAM

6.D.5.a. Nebraska Buffer Strip Program Payments

Contract Holder	Acres	Annual Payment
Janice Wilke Trust	2.98	\$190.16
Mary Theresa Norton Trust	8	\$1,757.44
Mary Theresa Norton Trust	13.7	\$3,009.62
Mary Theresa Norton Trust	11.2	\$2,399.04
Tom Sprunk	2.1	\$472.50
Mark Wilke	4.81	\$457.91
Ronald Anderson	6.9	\$593.61
Ronald Anderson	6	\$166.32
Charles Barjenbruch*	9.5	\$229.24
James Barjenbruch*	4.8	\$126.19
James Barjenbruch*	8.2	\$215.58
Hill Valley Farms*	16.5	\$3,712.50
Ed Luetkenhaus*	4	\$900.00
Francis Shanle*	9.5	\$247.00
Tom Sprunk*	0.8	\$180.00
Tom Sprunk*	12.5	\$2,812.50
Dean Klug Family Trust	6.3	\$232.72
Norman Lindgren	2.1	\$83.16
Rod Julsen	23.1	\$5,197.50
Kaye Lidolph	7.8	\$1,381.30
Total	160.79	\$24,364.29

*Denotes final contract year.

6.D.5.b. Nebraska Buffer Strip Program Applications

Rezac Farms Inc	4.7	\$1,057.50
Rezac Farms Inc	3.6	\$786.96

Rezac Farms Inc	1	\$218.60
Rezac Farms Inc	1.4	\$306.04
Rezac Farms Inc	1.7	\$371.62
Rezac Farms Inc	3.5	\$787.50
TOTAL	15.9	\$3,528.22

6.D.6. HAZARD MITIGATION PLAN UPDATE

As has been reported earlier, our District-wide Hazard Mitigation Plan has received FEMA approval that now allows potential FEMA funding assistance for all entities that have participated in our plan. Related additional tasks associated with the Plan (Fremont & Schuyler Parcel Level Flood Risk Assessments and the Dam Breach Overall work) have been completed or nearly complete. Attached is JEO's final \$4,262.50 invoice for work completed under components approved under our contract totaling \$236,100. NEMA will reimburse LPNNRD 75% (\$3,196.88),

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

6.D.8. OTHER

6.D.8.a. Johnson Lake Aeration Project Update

Don Cunningham reported that October 1st, is installation day for the aeration system. TNT electric is bringing power to the lake shore as well. He has Victory Marine contributing the boat to get the aeration system to the center of the lake and two Fremont firemen scuba divers to anchor it to the bottom. Their playground will also be finished on Thursday. They have a celebration planned at the Lake on Saturday, October 3rd.

We may receive a payment request by the October 12th Board Meeting.

Attached find bills for the fountain electrical totaling \$9,411.96 the NRD agreed to pay 50% which is \$4,705.98. A motion will be needed to pay this amount.

6.D.8.b. NRCS 2020 Conservation Accomplishments in LPNNRD

Attached is Mark Walkenhorst's (NRCS District Conservationist) report on conservation practices completed in 2020 within the LPNNRD.

6.D.8.c. Wolfe Project Repair Update

As you recall, in 1995, LPNNRD sponsored an eight jetty project on Dan Wolfe property located about four miles south of Richland on the Platte River. This project was completely destroyed by the 2019 flooding. The original total project cost was approximately \$110,560 (low bid), with NRCS emergency funds covering 75% of the expense. LPNNRD provided a maximum of \$13,820, Dan Wolfe provided up to \$8,820 and Colfax County \$5,000. The project was to not only help prevent Platte River floods

from destroying landowners property, but also to protect county roads. One of the biggest concerns at the time was the possibility of a large Platte River flood event flowing north into Lost Creek and eventually flood portions of Schuyler.

Since 2019, we have have numerous discussions with the landowners and Colfax county about pursuing the repair/replacement. LPNNRD also has worked with FEMA/NEMA to potentially access approximately \$800,000, which would represent 75% assistance for projects along the Platte River.

Colfax County has taken the initial lead by attempting to bring Schuyler in as a potential partner and work with Northeast Economic Development District on the possibility for receiving a community block grant to assist with the 25% local share of a potential project. From recent indications from Colfax County, it appears that Schuyler has not expressed much interest in being a project partner and receiving community block grant funds to assist with the local cost share doesn't look very promising. We have asked the county to make a final decision very soon about whether or not they want to pursue a project, as the time to move forward with FEMA funding is growing short. There might be a possibility of using the available funds toward another project, but it is unclear what that might be at this point.

7. Additional Action Items

7.A. Shell Creek Environmental Enhancement Payment

20-C-3 Randy Brabec - \$711.86 - Grass Waterway
 Randy Brabec - \$1386.00 - Lands for Conservation

To pay Randy Brabec \$2,097.86 for his Grass Waterway project and Lands for Conservation Payment.

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.