

Regular Board of Directors Meeting
Monday, November 14, 2022 4:30 PM
Lakeview High School
3744 83rd Street
Columbus, NE 68601

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.2. MEETINGS

6.A.2.a. Pending

6.A.2.a.1. GMDA Annual Meeting

We have approved up to two staff and two directors to attend the GMDA Winter Conference, January 23-26. Birkel has indicated he is interested. Please let staff know if you are interested in attending.

6.A.2.a.2. NACD Annual Meeting

We have approved up to two staff and two directors to attend the NACD Annual Meeting, February 11-15. Early Bird registration ends 12/23/22. Please let staff know if you are interested in attending.

6.A.2.b. Reports

6.A.3. MANAGEMENT ITEMS

6.A.3.a. Directors Absence

Attached find Don Veskerna's absence request from the September Board Meeting (Grandson Football) and Alex Kavan, Matt Bailey and Chris Yosten absence from the October Board Meeting (Harvest).

6.A.3.b. November Board Meeting

Our November 14th Board Meeting will be held at Columbus Lakeview High School starting at 4:30 p.m.

6.A.3.c. Monthly Education Program

We will hear from the Shell Creek group at our November Board Meeting.

For our December education program, we have invited JEO personnel to give us the Cottonwood 21-A and 7-A Dam Assessment Reports.

6.A.3.d. January Committee Meeting Schedule

Discussion is needed if we wish to change our January Committee meetings from the last week of December to the first week of January.

6.A.3.e. New Office Building Update

A week or so back I forwarded out potential exterior renderings to all board members and we continue to work with JEO to develop total project estimated costs. After working through some scheduling conflicts, plans are to meet with JEO and the new building subcommittee in the next two weeks.

6.A.3.f. Excused Director's Absence Policy

Discussion is requested regarding our policy for excusing or not excusing absences for our board meetings. After much discussion by Committee members, it was felt that the only excused absence from a Monthly Board Meeting would be for personal or family member health issues.

6.A.3.g. Plans to Review All LPNNRD Policies

Staff is discussing developing a process for our board to review and potentially alter each of our existing policies. The plan would be to review multiple policies or sections of policy at each board meeting beginning at the February meeting. This will allow policies to be reviewed by all directors, including those newly elected. This process could take one to two years to complete.

6.A.3.h. NARD Board Meeting at Lake Wanahoo

The November NARD Board of Directors meeting will be held at the Clint Johannes Education Building on November 6th and 7th and Directors from around the state will be in attendance.

6.A.4. EQUIPMENT

6.A.5. PERSONNEL

6.A.6. FINANCE

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

Find attached the Final July and August financial statements. At the October Board Meeting we had drafts attached due to waiting on the Annual Audit.

Grant will be available to review the September Financial statement.

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

Attached find Gottschalks time and expense sheets.

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

6.B. Operations Committee - Action as Required

6.B.1. Unfinished Business

Olsson Agreement for Professional Services on the Wanahoo Dam

Olssons has sent a letter/memo summarising the new Scope of Services in Monitoring the Wanahoo Dam (see attached). **Also attached is the Scope of Service descriptions for details.**

The previous contract was signed in December 2020 and expired in December 2022, a 2 year period, and was worth \$47,090. We did not select Task II on that contract and spent approximately \$33,020. The new contract covers a period from January 2023 to December 2025, a 3-year period, and is worth \$54,600.

6.B.2. WILD NE AND OTHER PROGRAMS

The Ducks Unlimited surveyor was going to do an elevation survey this week in the wetland area south of Co. Rd P. The northern half of this section is now underwater and it's suspected that beavers have built a dam. This will make construction difficult, this area was dry most of the summer. Very little water is getting to the lake.

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

The O & M crew is again assisting the Saunders County Sheriff with lowering the water in Cottonwood 6-C for the cold case investigation that dates back to 1969.

We continue to clean up trees from project areas, dams, levees & recreation areas. We also did some Fall spraying of thistles and Phragmites, cleaned out a beaver dam on a Swedeburg dam (picture attached) and maintenance on vehicles.

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

FYRA was supposed to receive from M.E. Collins all the developed documentation of the Notice of Award this week. Collins' anticipates starting as early as November 14th, dependent on product materials delivery by suppliers.

6.B.3.b. Wanahoo Auxillary Spillway RCC Crack Repair

Fisher Building Services has completed the RCC crack repairs on the auxiliary spillway

of the Wanahoo Dam. Heimann inspected the area and had Fisher come back to finish a missed location and one large crack that wasn't marked. They finished on Monday, October 24th. The contract was for \$46,490.00 and one year materials and workmanship warranty.

6.B.3.c. Cottonwood Dam Assessments 21-A & 7-A

We will invite JEO to present the Dam Assessment reports on Cottonwood 21-A and 7-A at the December education portion of the Board Meeting. This will be our first afternoon Board Meeting.

6.B.3.d. Czechland Recreation Season Revenue

The camping season is winding down at Czechland Lake. The revenue from camping this calendar year is \$10,245.00.

6.B.3.e. Recreation Area Hay Harvest

Meduna Family Farms submitted their harvest info and payment. They had 83 large square bales at 44 tons and 245 round bales at 156 tons and paid \$14,259.19. We are waiting for Dan Ourada at Czechland. We anticipate his information by Board meeting.

6.B.3.f. Ice Fishing with a Motorized Vehicle on District Lakes

In our District Recreation Regulations for "Ice Fishing with a Motorized Vehicle on any District Recreation Lake", we only allow a motorized vehicle for ice fishing called a "Snow Dog" or equivalent machine to be used by a handicapped individual or individual with a written doctor's medical disability letter. They can obtain written permission from the District and must also sign a liability waiver.

Mr. Leonard Bouc has submitted a physicians medical disability letter to obtain permission to use his Craftsman/Murray mowing tractor without the deck for pulling a sled w/ equipment for 1 or 2 persons.

The Committee had a lot of discussion and elected to leave the regulation as is and have staff make any discretionary decisions on all request.

6.B.4. ROCK AND JETTY

We have not received any applications or request for payment.

6.B.5. LAKE WANAHOO

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

For the month of September, the District received \$2,602.50 in park permit revenue. The year by year break down of annual permit sales is listed below.

| Month | Monthly Total | YTD |
|----------------|---------------|-------------|
| September 2022 | \$2602.50 | \$74,370.50 |
| September 2021 | \$2496.85 | \$84,759.35 |
| September 2020 | \$2937.50 | \$95,445.00 |
| September 2019 | \$2015.00 | \$81,627.50 |

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

For the month of September, the District received \$19,008.27 in camping revenue. The year by year comparison is listed below.

| Month | Month Total | YTD |
|----------------|-------------|------------|
| September 2022 | 19,008.27 | 114,375.24 |
| September 2021 | 16,007.74 | 109,926.11 |
| September 2020 | 15,057.66 | 120,901.01 |
| September 2019 | 11,151.60 | 86,577.24 |

6.B.5.c. Clint Johannes Education Building Rental

During the month of October, the building was rented 21 times, with 3 NRD event. Revenue for the month was \$1,860.

6.B.6. INFORMATION AND EDUCATION

6.B.6.a. Information

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

October's KTIC Radio ad and Wahoo Newspaper e-ad promoted the NRD's three recreation areas. November features the upcoming water reports deadline on December 15.

6.B.6.a.2. Analytics

The LPNNRD Facebook/Twitter pages, and the website are the fastest and low-cost ways to get information out to the public. Tracking analytics are a way to see if people are seeing the information and what ways seem to be most effective. If you are on Facebook or Twitter, please like, follow, share, or retweet the Lower Platte North NRD posts!

Total reach/impressions show how many people saw the post/tweet. Engagements include likes, comments, shares/retweets and link clicks.

| FACEBOOK | Total Reach | Engagements | Followers |
|-----------|-------------|-------------|-----------|
| October | 5,042 | 5,343 | 1,409 |
| September | 5,098 | 153 | 1,408 |

| | | | |
|---------------|--------|-----|-------|
| August | 17,232 | 387 | 1,408 |
|---------------|--------|-----|-------|

| TWITTER | Total impressions | Engagements | Followers |
|------------------|--------------------------|--------------------|------------------|
| October | 2,324 | 174 | 385 |
| September | 2,654 | 185 | 381 |
| August | 4,784 | 207 | 380 |

Top Posts on Facebook and Twitter:

- East Central Land Judging contest
- Tree and shrub orders are open
- LPNNRD's Fall Festival
- October Coffee Lakeside
- Water reports due December 15

| WEBSITE | Users | Traffic Channel | Top Pages | Devices |
|------------------|--------------|--|--|---|
| October | 1,526 | Organic 67.6% Direct 24.1% Referral 4.5% Social 3.7% | Lake Wanahoo Home Czechland Lake Board of Directors Outdoor Recreation | Mobile 58.46% Desktop 39.60% Tablet 1.94% |
| September | 1,702 | Organic 74.3% Direct 19.9% Referral 5.8% Social 0.29% | Lake Wanahoo Home Czechland Lake Outdoor Recreation Staff | Mobile 59.21% Desktop 38.98% Tablet 1.81% |
| August | 2,270 | Organic 66.6% Direct 24.6% Referral 7.6% Social 1.3% | Lake Wanahoo Home Czechland Lake Outdoor Recreation Downloads | Mobile 59.73% Desktop 37.77% Tablet 2.51% |

Traffic channels: organic traffic means they use a search engine then choose an option that includes lpnnrd.org, direct traffic means they type in lpnnrd.org directly (or have it bookmarked), and referral traffic is any other traffic not from a search engine or social (such as a link from another site).

Social clicks: 50 from Facebook, 7 from Twitter.

Referral clicks: 16 from NARD, 10 from Visit Nebraska, 4 from ad on Wahoo Newspaper's site.

6.B.6.a.3. News Channel Nebraska

October featured the I&E video - attached are the times in which the video aired.
November will feature the O&M video.

6.B.6.b. Education

6.B.6.b.1. Past Events

- October 5th: **East Central Land Judging Contest. 253 students attended.** Milford, Bishop Neumann, Wilber-Clatonia, Mead, and Raymond Central were state qualifiers. East Butler had one student who qualified.
- Monday October 10th: Wahoo 3rd grade field trip to Lake Wanahoo. Roughly 70 kids attended.
- October 12th: Aquinas Catholic 8th grade classroom visit. We talked about watersheds, nitrates, and did some water testing.
- October 20th: Coffee Lakeside. Talked about animal adaptations. 12 people attended.
- October 17th: Fremont Trinity Middle Schoolers at Lake Wanahoo. Kids learned survival skills such as knot tying, predator safety, wild edible foods, and fire building. 6 adults and 22 students attended.
- October 25-26th: I & E meeting. Walk to Unlock Nebraska is a program through the Nebraska Department of Education that focuses on education and physical fitness. Kids will walk/run/jump/etc. their way across the state and will stop at virtual sites to learn more about Nebraska. Lake Wanahoo will be featured as a stopping point. Lacey and I are working with Megan from the NARD to put together videos, lessons, and fun activities.
- October 25th: St. Wenceslaus Pre-k kids learned about trees and made buckeye buddies.

6.B.6.b.2. Future Events

- November 5th: Fall Festival. 4:00-9:00 pm at the lake.
- November 8th: Aquinas Middle School.
- November 10th: Coffee Lakeside
- November 12th: Native American Heritage Day
- November 15th: Survival Club
- November 18th: Wahoo High School Careers Class

6.B.7. RURAL WATER SYSTEMS

6.B.7.a. Colon System

Fiscal year-end financial reporting was due to USDA-Rural development for the Colon RWD's existing loan. Elliott worked with HBE to complete required documentation. Routine monthly sampling completed, meters read and bills mailed 10/31.

6.B.7.b. Bruno System

Elliott conducted required annual backflow device testing on our Bruno RWD

system. Reports sent to David City/Bruno per statute requirement.
Routine monthly sampling completed, meters read and bills mailed 10/31.

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)

Roland Otte contacted staff and has declined variance LPN-V-021-0555 for 5.79 Acre Feet of depletion credit.

Staff have contacted and reviewed variance from 2017 to 2020. A list of variances that were not developed is attached, with a letter being sent out to these producers explaining that their variance is expired and a new variance application would be required if they wanted to develop in the future. In the V-IMP report for the Coalition, staff would be taking credit for 259.89 AF of water .

6.C.2.a.2. Special Quantity Subareas

August Runge would like approval to complete the circle on the pivot. He is working with Bill Bos on projects within Shell Creek Watershed.

Does the Committee feel that staff and the Committee should discuss with a group of producers in the SQS # 2 area UNL study and management strategies? Does the NRD want to re-consider new wells and expansion of acres for certain parts of the management area? This will be an item for discussion at the Water Committee Retreat on November 30.

6.C.2.a.3. Well Permit (SQS #2)

Attached is a livestock well permit for a new well in SQS #2 for Robert Foltz. The well legal description is NW NW 12-19-2W for 1200 head of cattle. The well will pump 300- 500 GPM. A construction permit was approved by DEE in August of 2022 which includes debris basins, holding ponds and a storage pit. Mr Foltz's nutrient management plan approved in 2011 was for 1200 head. Apparently, a well under 50 GPM has been used.

The committee pointed out that 50 GPM well might be a challenge for watering larger cattle in the middle of the summer.

6.C.2.a.4. Groundwater Management Plan

Attached is the original Groundwater Management Plan from 1994. GW Rules and Regulations are adopted from the Management Plan. Is it time to update the management plan?

More discussion at the retreat on November 30th.

6.C.2.a.5. Well Permit Program

6.C.2.a.5.A. Well Permits Approved

Wells Permits Approved: #

| Landowner | Number of Wells | Number of New Irrigated Acres | Type of Well | County | Subarea |
|----------------------|-----------------|-------------------------------|------------------------|--------|--------------------|
| Robert & Kelli Foltz | 1 | 0 | Replacement/Irrigation | Platte | Middle Shell Creek |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

The total number of approved permits for 2022 is #

Location of Approved Well Permits for 2022: 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.6. Certified Irrigated Acre Transfer

A transfer application is attached for Duane Johnson. Annette Rogers has agreed to transfer 67 irrigated acres (SE NE & NE SE S11-14N-9E, Saunders Co.) from Yutan South Aquifer Region to the Duane Johnson tract (N1/2 NE S25-14N-7E, Saunders Co.) located on the east edge of the Swedeburg Aquifer Region.

Assessor shows 64.81 irrigated acres and NRD has 65.51 certified irrigated acres for the Roger's tract. In the past, the Board allowed a 5 acre allowance without an additional variance. Duane plans on irrigating 70 acres total with 2 small pivots.

The tract for the Annette Rogers is where the solar farm will be going and she plans on decommissioning the irrigation well.

If the transfer is approved acre for acre, there will be an increase of 1.62 acre feet of depletion. If approved based on acre feet, the transfer would decrease to 57.71 acres.

Discussion at the Committee meeting was about soil types and scoring in the transfer application process onto the receiving tract of land. Soil types are classified as low bottom with occasional flooding as a Class 6-8 soil type which receives 0 points on the scoring sheet. Staff will review the soil type scoring with NRCS with a potential recommendation and change at the Board Meeting.

A motion from the floor could be needed on the scoring sheet policy, if staff bring forward a soil type recommendation change.

6.C.2.a.7. Cost Share Programs

6.C.2.a.7.A. Flow Meter Maintenance Program

Tri City Meters out of Alda is preparing for year 3 of flow meter maintenance. Maintenance is scheduled to begin in Mid-November or maybe sooner due to an

early harvest this year. All of the west township flow meters are scheduled to be maintained next month. There are 348 flow meters in this area. Each site visit for the mechanical meters is \$60.00 and each site visit for the battery powered meters is \$75.00. Mechanical meters will be re-greased and checked to make sure they are operating correctly and don't have any damage. If the mechanical meter needs to be repaired, that is at the expense of the landowner and is billed directly from Tri City Meters. The batteries in the electronic flow meters will be replaced. The upfront cost of the batteries is absorbed by the NRD and then in turn we bill the producer for the expense of the battery and then receive reimbursement.

6.C.2.a.8. Bellwood Phase 2 Area

2022 is the twentieth year for this Phase 2 Area.

| 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) | 14% (44 of 107) | 26% |
| 2014 | 0 to 22.3 ppm | 51% (55 of 108) | 13% (14 of 108) | 18% (39 of 108) | 20% |
| 2015 | 0 to 32.3 ppm | 43% (31 of 72) | 8% (6 of 72) | 14% (35 of 72) | 33% |
| 2016 | 0 to 35.1 ppm | 34% (25 of 74) | 11% (8 of 74) | 26% (41 of 74) | 26% |
| 2017 | 0 to 23.5 ppm | 36% (27 of 74) | 15% (11 of 74) | 19% (36 of 74) | 22% |
| 2018 | 0 to 30.9 ppm | 40% (25 of 63) | 11% (7 of 63) | 22% (31 of 63) | 28% |
| 2019 | 0 to 24.5 ppm | 46% (22 of 48) | 10% (5 of 48) | 28% (21 of 48) | 22% |
| 2020 | 0 to 20.5 ppm | 33.33% (20 of 60) | 13.33% (8 of 60) | 35% (21 of 60) | 18.33% (11 of 60) |
| 2021 | 0.12 to 27.7 | 40.6% (26 of 64) | 15.6% (10 of 64) | 25% (16 of 64) | 18.8% (12 of 64) |
| 2022 | 0.13 to 23.0 | 43.75% (28 of 64) | 12.50% (8 of 64) | 26.56% (17 of 64) | 17.19% (11 of 64) |

6.C.2.a.9. Richland - Schuyler Phase 3 Area

2021 is the seventh 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 2 Area in 2004. The ten sections that were in Phase 2 are now in Phase 3. As such, the 2020, 2021 and 2022 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) | 30% (150 of 241) | 31% |
| 2013 | 0 to 94.0 ppm | 25% (63 of 252) | 9% (23 of 252) | 31% (166 of 252) | 36% |
| 2014 | 0 to 101.0 ppm | 27% (68 of 251) | 9% (22 of 251) | 27% (161 of 251) | 37% |
| 2015 | 0 to 53.3 ppm | 23% (55 of 238) | 12% (29 of 238) | 25% (154 of 238) | 41% |
| 2016 | 0 to 50.5 ppm | 25% (58 of 228) | 10% (22 of 228) | 26% (148 of 228) | 40% |
| 2017 | 0 to 53.4 ppm | 25% (60 of 238) | 6% (14 of 238) | 29% (164 of 238) | 41% |
| 2018 | 0 to 56.9 ppm | 26.5% (50 of 189) | 6.3% (12 of 189) | 25% (127 of 189) | 42% |
| 2019 | 0 to 39.4 ppm | 25% (53 of 209) | 11% (22 of 209) | 23% (134 of 209) | 42% |
| 2020 | 0 to 50.8 ppm | 26% (69 of 261) | 6% (15 of 261) | 26% (66 of 257) | 43% (110 of 257) |
| 2021 | 0 to 43.0 ppm | 25.5% (67 of 263) | 8.4% (22 of 263) | 24.3% (64 of 263) | 41.8% (109 of 263) |
| 2022 | 0 to 58.5 ppm | 23.0% (57 of 248) | 6.45% (16 of 248) | 29.44% (73 of 248) | 41.13% (102 of 248) |

6.C.2.a.10. LPNDRD Operator Certification

Staff and UNL are starting to set up meetings for Nitrogen Certification Classes. The first meeting is planned for December 20th at the Oak Ballroom in Schuyler, starting at

1 pm. This meeting is designed for producers that have let their certification lapse. It would be appreciated to encourage producers to show the value of the meetings.
Purpose of the meetings

- Open up lines of communication with NRD and UNL staff
- Able to discuss issues arising within the NRD
- Get up-to-date information on nitrogen and irrigation management

6.C.2.b. CHEMIGATION

Chemigation totals for the 2022 growing season:

Attached is the full report

-57 new applications were applied for, inspected, and approved.

-1 emergency permit was applied for, inspected, and approved. This is no longer an active permit.

-185 renewal permits were inspected this year.

-21 re-inspections.

-5 renewal permits that were cancelled.

-264 total inspections were completed this year.

-727 active permits within the LPNNRD.

6.C.2.c. GROUND WATER ENERGY LEVELS

The staff has completed Fall Water Levels with some wells from SQS #1 attached showing spring and fall levels. Should the staff/committee have a discussion with producers in this area?

The committee requested that staff develop a graph to display the saturated water bearing formation compared to water levels in determining how low water levels were at the bottom of the saturation zone.

6.C.2.d. GROUND WATER QUALITY SAMPLING

UNL and NRD staff conducted a NRD approved denitrification study within the Schuyler-Richland Management Area. An invoice is attached from UNL with results shown to the Committee after staff review.

6.C.3. GROUND WATER PROGRAMS

6.C.3.a. DECOMMISSIONED WELL PROGRAM

Staff have discussed the possibility of one staff member obtaining a pump installer or well driller license to decommission wells. Sean Elliott has agreed to take the test to oversee the decommissioning of wells.

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 |
|------------------|--------------|---------------------|---------|
| Randall E Nelson | Domestic | \$819.20 | Madison |
| | | | |
| | | | |

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

More discussion on this item will occur at Water Retreat on November 30th.

Information is attached on nitrogen management and the possibility of a Phase 4 area. The WSF grant, that was submitted by the NRD, was approved for best management practices and hydrological assessment for the whole district. Staff will be

starting the RFQ process for the Assessment when the grant papers are signed with the Commission. The Committee/ Board will need to set up cost-sharing procedures for these practices.

The grant for age dating of groundwater did not get out of the NET review for scoring. Staff and USGS are in contact to understand the reasoning.

It is encouraged to check out this article on nitrates.

<https://flatwaterfreepress.org/our-dirty-water-nebraska-water-nitrates/>

6.C.3.b.2. Phoenix Database

Attached is the second half of the payment for the approved agreement with Phoenix Webgroup at the June Board Meeting. An invoice for \$5,000 will be sent to Nebraska DEE for their portion. This project will streamline LPNNRD water quality data into the Clearinghouse, which is used for an annual report to the State Legislature.

6.C.3.b.3. Lower Platte River Consortium

The next ILCA meeting is scheduled for 10 a.m. on Thursday, November 17. This meeting will be **in person** at the MUD Platte West Water Treatment Plant, 21212 Q St, Elkhorn, NE 68022. We will be continuing the drought mitigation projects discussion. It is encouraged for Committee or Board members to attend.

Attached is the drought plan that was developed in 2019. Does LPN want to add to the drought plan with drought management protocols? At the present time, the plan is designed for awareness and public outreach. Migration projects will continue to be discussed.

Lower Loup NRD draft drought plan is attached.

6.C.3.c. Modeling Inter-local Agreement

The modeling grant between NeDNR, Papio and LPS NRDs was not approved for a WSF grant. At the October Board meeting, the agreement was approved with the stipulation of a WSF grant approval. Staff held off on getting signatures until a final copy was received and in that time period a decision was determined on the grant. Papio and the LPS Board did approve the inter-local, knowing that an amendment would be needed to adjust the dollar amounts. Does the NRD want to proceed with an inter-local agreement? The plan is to re-apply in March, as the Commission has set an earlier date for WSF grant approvals.

6.C.3.d. Water Committee Retreat

The staff and Water Committee is planning a retreat on November 30th from 3 to 5:30 pm at the NRD Board Room in Wahoo. This is open to all Board members. The Water Committee meeting will be at 6 pm.

Tentative Discussion Items

- Groundwater Quality
 - Phase Areas
 - Triggers
 - Cost-share Practices
- Groundwater Quantity
 - Management Area Adjustments
 - Allocations
 - Flow Meters
- Nitrogen/Irrigation Certification
- 1994 Groundwater Management Plan
- Other items?

6.C.4. SURFACE WATER PROGRAMS

6.C.5. OTHER

GMDA Winter Conference in Georgia January 23-26, which is the same time as the NARD Legislative Conference.

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

6.D. Projects Committee - Action as Required

6.D.1. UNFINISHED BUSINESS

6.D.2. SWCP

6.D.2.a. SWCP Application Approvals

6.D.2.b. SWCP Payments

6.D.2.c. SWCP Cancellations

6.D.2.d. Wahoo Creek Lands for Conservation Payment Approvals

We have received two certified LFC payment approvals. As a reminder: The \$192/acre LFC payments are made to individuals to set aside ground for summer construction work that is funded through EQIP. After construction is complete, cooperators must plant certified cover crop mix/rate to qualify for payment.

| | | | | |
|-------------------------------|----|-------------|--------------------|-------------------|
| CARL & DOROTHY PETERSON TRUST | 20 | \$ 3,840.00 | 35-15N-6E SAUNDERS | WAHOO |
| AUSTIN & AMY VERMELINE | 25 | \$ 4,800.00 | 9-15N-6E SAUNDERS | COTTONWOOD (21-A) |

6.D.3. WATERSHEDS

6.D.3.a. Shell Creek Watershed

6.D.3.a.1. Shell Creek Watershed Environmental Enhancement Plan - 319

Staff submitted a final reimbursement and final report for our 319 grant that ended on 9/30/2022.

Staff are working with NDEE to finalize the new grant workplan.

With NDEE 319 funding not expected until January, Bill is slowing down and new septic applications will be deferred.

6.D.3.b. Wahoo Creek Watershed

Our current WFPO agreement with NRCS is set to expire on 12/1/2022. Staff is in contact with state NRCS about an extension amendment. This fund has been utilized in paying for engineering costs of the Wahoo Creek Flood Reduction structures. Currently, there is a remaining balance of \$1,333,871.11 to be spent.

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

JEDI funding agreement from NeDNR is on hold. We are waiting on the Governor's office to approve an exemption to Executive Order No. 21-08. There is hope that the contract will allow the NRD to submit expenses back to the legislation date - 4/7/2022. Staff continues to make contacts with potential mitigation sites. A meeting with Olsson, NRD and ACOE mid November is planned to provide focus in mitigation planning.

Attached is Olsson's October Progress report and three invoices: 2 separate invoices for 2nd seven sites and sites 26 & 27. The third invoice is for withheld environmental work to be paid thru JEDI funds.

6.D.3.b.2. DNR Agreement JEDI funds

6.D.3.b.3. Wahoo Creek Watershed Water Quality Plan - 319

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

6.D.4.a. East Fremont/Elkhorn Township Drainage - FEMA HMPG

On October 3 a meeting was held with representatives from DNR, FEMA/NEMA to discuss status of the E. Fremont/Elkhorn Township drainage study. The primary focus

was on the planned alternative (Morningside Rd. ditch enhancement, detention pond) working in conjunction with planned Inland Port Authority and complexities with UPRR, and HWY 275 bypass.

As planning on Inland Port Authority progresses, further talks will be needed to coordinate as much planning as possible. The possibility of combining projects (detention pond) could be mutually beneficial.

JEO is currently working on BCA analysis for planned alternative.

6.D.4.b. West Fremont - BRIC

6.D.4.c. Rawhide Creek Watershed - WFPO

On October 13th a meeting was held between JWMAB, NRCS, and JEO to discuss status of WFPO plan progress. A plan update was presented with multiple options presented; both addressing Rawhide Creek Watershed only flooding, as well as, Platte River induced flooding. NRCS personnel recommended focusing on Rawhide only impacts as the economic burden of dealing with river scale flooding exceeds the WFPO plan scope.

On October 24th, directors Pollard, Saalfeld, and Thompson; staff Elliot and Chapman; and representatives from NRCS and Dodge County attended a site tour of proposed alternatives organized by the contractor JEO. This was a requirement of NRCS WFPO funding. Six potential sites were visited and discussed.

6.D.5. HAZARD MITIGATION PLAN UPDATE

Four firms responded to our RFP with proposals. Staff met with the three County Emergency Managers on October 28th and discussed the proposals.

A few questions have come up regarding funding opportunities via the HMP:

- Funding for communication equipment for rural fire departments. This is a commonly funded activity. Entities that participated in and adopted HMP are eligible for this funding. Counties may be the best applicants on behalf of the local fire departments. Staff informed Saunders County.
- Funding to develop water sources for fire fighting. It is unlikely that FEMA is able to fund this. Planning for mapping and documenting the need district wide is eligible and will be included in our next HMP update. NEMA directed staff to potential funding through the Forest Service. A meeting will be set up this winter.

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

6.D.7. MORSE BLUFF DIKE

NRD Directors and County Supervisors representing the Morse Bluff area along with NRD

and County staff discussed the situation on November 1st. A meeting is planned for November 16th to update members of the local Morse Bluff Dike Coalition.

6.D.8. NEBRASKA BUFFER STRIP PAYMENTS

Below are the current NeBSP contracts due for annual payment:

| Contract Holder | Acres | NDA # | Annual Payment |
|---------------------------|-------|--------|----------------|
| Janice Wilke Trust | 2.98 | 99400a | \$190.16 |
| Mary Theresa Norton Trust | 8 | 20062 | \$1,757.44 |
| Mary Theresa Norton Trust | 13.7 | 20062 | \$3,009.62 |
| Mary Theresa Norton Trust | 11.2 | 20059 | \$2,399.04 |
| Mark Wilke | 4.81 | 99400b | \$457.91 |
| Ronald Anderson* | 6.9 | | \$593.61 |
| Ronald Anderson* | 6 | | \$166.32 |
| Charles Barjenbruch | 9.5 | 100 | \$2,033.00 |
| Randall Brabec | 1 | 22010 | \$250.00 |
| James Barjenbruch | 8.2 | 362 | \$1,661.98 |
| Ed Luetkenhaus | 4.5 | 10058 | \$967.50 |
| Larry Bruhn | 4.7 | 21007 | \$876.36 |
| Tom Sprunk | 13.3 | | \$2,992.50 |
| Tom Sprunk | 2.8 | | \$630.00 |
| Tom Sprunk | 2.1 | | \$472.50 |
| Dean Klug Family Trust | 6.3 | 99074a | \$232.72 |
| Norman Lindgren | 2.1 | 20027 | \$83.16 |
| Rod Julsen | 23.1 | 451 | \$5,197.50 |
| Kaye Lidolph | 7.8 | 20037 | \$1,381.30 |
| 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 |
| Dan Gehring/Arlis Plummer | 8.9 | 21020 | \$2,148.46 |
| Reece/Beau Klug | 11.7 | 21024 | \$2,632.50 |
| David Luckey | 12.7 | 21022 | \$2,818.89 |
| Diann Svatora | 5.5 | 21023 | \$1,327.70 |
| Sam Welch | 4.9 | 21025 | \$1,050.32 |

| | | | |
|---------------------|--------|--------|-------------|
| River Road Land INC | 13 | 00143a | \$3,250.00 |
| Craig Foltz | 27.3 | | \$6,825.00 |
| Total | 238.89 | | \$48,933.71 |

6.D.9. OTHER

Wolf Jetty project near Schuyler. Carl Grotelueschen, Colfax County District #2 Commissioner and Mark Mainelli, Colfax County engineer provided updates and discussion at the last Projects Committee meeting. A site visit was conducted on November 9th.

7. Additional Action Items

7.A. Shell Creek Septic System Upgrade Payment

Septic System Upgrade Payment

Lee Hueschen \$5,678.77 Platte County

A motion will be needed at the Board Meeting - To make payment of \$5,678.77 to Lee Hueschen for a septic system upgrade in the Shell Creek Watershed.

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 LPNRRD office and may be changed up to 24 hours prior to the meeting as scheduled.