

Regular Board of Directors Meeting
Monday, December 13, 2021 1:30 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 Board Meeting Minutes? If not they will be approved on 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 Winter Meeting

Attached find agenda for the GMDA Winter Meeting January 18-21. Please let staff know right away if you are interested in attending.

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

Attached find the agenda and registration for the NACD Annual Meeting February 12-16, 2022 in Orlando, Florida. Please let staff know right way if you are interested in attending.

6.A.2.a.3. NARD Legislative Conference

Attached find tentative agenda and registration information on the NARD Legislative Conference. Please let Breunig know if your interested in attending.

6.A.2.b. Reports

6.A.3. MANAGEMENT ITEMS

6.A.3.a. Directors Absence

Attached find absence requests from Sabatka for November and Kavan for October and November. All absences were for harvest.

6.A.3.b. Monthly Education Programs

December suggestion: Live Well Go Fish - Annual Review

January scheduled: John Engel - HDR - Update on Lower Platte Coalition

6.A.3.c. Wanahoo Stilling Basin

The change of scope for the stilling basin is still in the hands of FEMA Region 7 engineers. The review is for the dewatering wells and the repair of the basin floor. Griffin Dewatering is to mobilize between Nov. 22 and Dec. 17th and well installation is to occur thereafter, according to the schedule Valley Corps sent.

The cost to convert the dewatering wells to relief wells is estimated to be \$89,607.86 which will not be covered by FEMA and will be an out-of-pocket expense to the District (motion was made at the Operations committee).

6.A.3.d. 2022 Board Meeting Schedule and Designation of Remote Meeting Designation

As discussed last month, we should discuss and approve a 2022 schedule of remote board meeting dates which will allow board members to participate via Zoom.

6.A.3.e. LR-23 Hearing

Friday December 3rd at 9:00 there is a hearing regarding LR23:

LR23 is an interim study to examine the progress of NRD's and our progress on fulfilling our originally intended purpose.

There has been a lot of speculation as to why this was introduced and if there is any support. All testimony will be by invitation only and there were only two NRD's asked to testify. I will be attending the hearing and will report at the board meeting.

6.A.3.f. Wanahoo Recreation Season Year-end Review

The 2021 Wanahoo recreation season proved to be another successful year. I will share information regarding revenue and expenses for the season as well as cover 2021 improvements and plans for next year.

6.A.3.g. Wanahoo Long Range Park Development Plan

Staff has been working to develop a long-range plan as it relates to the development of our Lake Wanahoo property. The attached map provides potential locations of future park developments. I will review and share information on each of the sites.

6.A.3.h. Potential Office Location at Wanahoo Property

Discussion on the potential of building a new office on our Wanahoo property.

6.A.3.i. 2022 Committee and Board Meeting Schedule

Attached find the 2022 Committee and Board Meeting Tentative Schedule.

6.A.3.j. 2022 Election Certification

6.A.4. EQUIPMENT

6.A.5. PERSONNEL

6.A.5.a. Assistant Manager Job Description and Discussion on Hiring process

With Tom's retirement coming next July, discussion is needed on how to proceed with the interview and hiring process. I have attached a copy of the current Assistant Manager's job description but I can foresee the final, new job description to be adjusted to meet the strengths and experience of our new hire.

Chair Pollard is will set-up an Assistant Manager Hiring Sub-Committee to start January 1, 2022. If you are interested in sitting on that Sub-Committee please let Pollard know.

6.A.5.b. New Water Technician Position

Will's transition to half-time has been very productive over the past couple of months and he continues to provide valuable input to the Water Dept. Now is the time to proceed with the hiring of a new Water Resources Technician. This is an entry level, full time position and we are hoping to have this person hired and on staff by mid to late February. The current Water Resource Technician job description is attached.

6.A.5.c. Wanahoo Recreation Supervisor Salary Percentage Assignment

Since our district's decision to manage the recreation at Lake Wanahoo, Bret Schomer's salary has been divided 50/50 between Water Department and Wanahoo Recreation. After reviewing Bret's annual time commitment, a truer percentage should be 75/25.

In an effort to streamline our LPNNRD recreation responsibilities and more efficiently utilize our staff, I am also considering combining the limited Czechland and Homestead recreation supervision with our Wanahoo Recreation Area supervision. I will have this recommendation ready for next month's committee meetings.

6.A.5.d. Discussion on 4 Day Work Week

While we currently offer a flexible work schedule to employees, I continue to explore unique ways to provide additional incentives to employees without a direct cost to the district. I am considering the potential of offering a 4, 10 hour day work week to staff. Benefits would include reduced commute costs and drive time while maintaining existing responsibilities and job related requirements and the ability to expand office hours to 5:00 or 5:30 pm. I would appreciate committee input.

6.A.6. FINANCE

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

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

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

6.A.6.d. Dodge County Tax Roll Correction

The Dodge County Treasurer notified us that the Dodge County Board of Equalization approved a Tax Roll Correction for 2700-2850 E. 23rd LLC. The total amount due from NRD is \$521.46. (267.07 for 2019, and \$254.39 for 2020). The County Treasurer is requesting the Board to send a letter allowing them to deduct these funds from our account. See attached documents for details.

6.B. Operations Committee - Action as Required

6.B.1. UNFINISHED BUSINESS

We have no unfinished business to address.

6.B.2. WILD NE AND OTHER PROGRAMS

The tree removal contractor, Standing C Excavating is supposed to start anytime on the Wanahoo property.

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

The O & M crew is busy removing trees on the Czechland Lake area and a 1/2 mile segment of Bellwood Ditch 4.

6.B.3.a. Wanahoo Stilling Basin

The change of scope for the stilling basin is still in the hands of FEMA Region 7 engineers. The review is for the dewatering wells and the repair of the basin floor. Griffin Dewatering is to mobilize between Nov. 22 and Dec. 17th and well installation is to occur thereafter, according to the schedule Valley Corps sent. The cost to convert the dewatering wells to relief wells is estimated to be \$89,607.86 which will not be covered by FEMA and will be an out-of-pocket expense to the District (motion is needed).

6.B.3.b. NRD Owned Lots

Heimann is developing easements for the Thomas Lakes lots if we wish to sell them. The easements will be reviewed by management and legal counsel.

6.B.3.c. Wanahoo Relief Well Reconditioning

At the March Board Meeting, Olsson's gave a presentation regarding the reconditioning

of the Wanahoo Dam relief wells. Heimann is developing an RFQ/RFP to distribute to Well Drilling Companies for quotes to refurbish three relief wells on the Wanahoo Dam with the potential to do four additional if the first three are successful. This process would continue for the remaining wells that flow water over the next 3-4 years. The proposal will be reviewed by Olsson's before it is sent.

6.B.3.d. Trapper for Hire

Staff solicited area trappers for quotes to trap nuisance beaver in a 22-mile circumference around Wahoo, the area covers 16 watershed dams. Attached is the list of trappers and their quotes.

6.B.3.e. Czechland Lake Camping Revenue

The camping season is winding down and has been successful at Czechland Lake. To date this calendar year the revenue is \$14,053.50.

6.B.4. ROCK AND JETTY

Nothing to report.

6.B.5. LAKE WANAHOO

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

For the month of November, the District received \$25.00 in annual park permit revenue. The year by year breakdown for annual permits sold during the month of November is listed below. Year to date annual permit and day pass revenue total equals \$104,452.46. We will begin selling the 2021 Annual Permits on 12/6

Month	Monthly Total	YTD Total
November 2021	25.00	85,681.85
November 2020	360.00	96,317.50
November 2019	52.50	82,252.50

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

For the month of November, the District received \$1,074.00 in camping revenue at Lake Wanahoo. For the calendar year, camping revenue totals \$114,640.11. The year by year breakdown for camping revenue during the month of October is listed below.

Month	Monthly Total	YTD Total
November 2021	1,074.00	115,714.11
November 2020	1,404.78	132,541.81
November 2019	1,234.20	92,176.80

6.B.5.b.1. Lake Wanahoo Camping Rate Change

Staff is recommending a small increase to the electric campsite registration fee from \$19 to \$20. This would be the first rate change since the District took over management of Lake Wanahoo, and is still competitive with other parks in the area.

6.B.5.c. Lake Wanahoo Recreation Season Review of Income & Expenses

The 2021 Wanahoo Receptions season proved to be another success as it relates to the economics of the park. I will share a breakdown of revenue vs expenses for the season.

6.B.5.d. Wanahoo Long Range Park Development Plan

Staff has been working to develop a long-range plan as it relates to the development of our Lake Wanahoo property. The attached map provides potential locations of future park developments. This agenda item will also be presented at the executive committee.

6.B.5.e. Live Well Go Fish Partnership

On November 7th, the Live Well Go Fish (LWGF) organization held their year-end volunteer appreciation event at the Clint Johannes Education Building. David Ruder, founder and executive director of LWGF, was very appreciative of the LPNNRD and thanked the Board for funding the new handicap fishing pier gate on the east side of the lake. It streamlined the loading and unloading of guests by not having to utilize the boat ramp for transitions. This continues to be a great partnership for the District and shows what kind of positive outcomes that can be realized as a result of locally controlling the management of Lake Wanahoo. Attached is a copy of the packet handed out at the event.

6.B.5.f. Clint Johannes Education Building

During the month of November, the building was rented 18 times. Revenue for month of November is \$1,180.

6.B.6. INFORMATION AND EDUCATION

6.B.6.a. Information

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

November's KTIC Radio ad and Wahoo Newspaper e-ad's featured the deadline for water use reports, which is December 15th. This ad will continue through the beginning of December.

6.B.6.a.2. Analytics

6.B.6.a.3. Information & Education Department Video

We have been working with News Channel Nebraska recently to create a 30-second and 60-second video for the Information and Education Department.

The 30-second commercial is \$175 and the 60-second commercial is \$200. A 3-6 month advertising schedule is required for the 30-second video. Previously we ran ads with News Channel Nebraska for \$475 per month (for 3 months = \$1,425)

6.B.6.b. Education

November education events

Date	School/Group	Grade/Age	# of students	Topic	Staff
Nov. 18	Wahoo Public Schools Survival Club	8 th grade	7	Knot tying	Gottschalk
Nov. 18	East Butler-FFA Animal Science	High School	12	Point and non-point source pollution	Andersen
Nov. 22	St. Wenceslaus	Pre-K	19	Wildlife habitats	Sabatka

6.B.6.b.1. Shell Creek Scholarship

6.B.7. RURAL WATER SYSTEMS

Elliott and Benal completed training and paperwork for their Grade IV Water Operator Licenses. Elliott will also renew his Grade VI Water Operator (Backflow) license.

6.B.7.a. Colon System

Routine monthly sampling completed, meters read and bills mailed out 12/1.

6.B.7.b. Bruno System

Routine monthly sampling completed, meters read and bills mailed out 12/1.

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. Duane Johnson Certified Irrigated Acre Transfer Request

Duane Johnson is seeking Board direction on the potential of transferring a total of ~110 certified irrigated acres from ground owned by Kena Inc. and Annette Rogers Living Trust in S11-T14N-R9E in Saunders County, Yutan South Subarea. Of the ~110 acres, 40 acres would be developed in S16-T14N-R9E, Yutan South Subarea, and 70 acres would be developed in S25-T14N-7E, Swedeburg/Todd Valley Subarea. Attached are maps of the three sections in question, along with AEM flight lines showing the formations in Section 16 and Section 25.

Duane explained to the Committee what he was proposing by transferring certified irrigation acres that would be part of a solar farm. He wanted direction from the Committee on what process needs to be done. Committee and staff explained that the acres being transferred were in different ownerships, which presented a challenge as LPN Rules and Regulation does not address this or any banking process. Another issue was transferring acres from different aquifer regions. The site S25-T14N-7E could have some quality issues with salt in the water. Updating the rules could take from 6 months to 1 year. It was recommended that Duane consider a couple of variances for his 2 sites that he is considering. Duane asked if the NRD would be interested in monitoring well west of Itaca on one of the sites. Staff will review this option.

6.C.2.a.2. Variance Scoring Sheet

Items to consider:

Continuous and Non-Continuous Tracts. Should there be more definitive breaks in determining these types of tracts?

As producers have asked to look at Best Management Practices, should the LPN consider them in the scoring?

Cover Crops - 2 points

Soil Moisture Sensors - 2 points

Crop Rotation - 2 points (2 or 3 crop rotations make a difference?)

No-till - 2 points (what does no-till really mean?)

Variable rate of irrigation - 2 points

Variable rate nitrogen application - 2 points

Other??

If we move forward, should these practices already be in place and/or required for at least 3 years after approval? Documentation requirement?

Staff explained the process of adding best management practices to the score sheet. It was recommended to give more points for soil moisture sensors, variable rate irrigation and cover crops. Staff will continue to evaluate the scoring process.

6.C.2.a.3. Well Permit Program

6.C.2.a.4. Cost Share Programs

6.C.2.a.4.A. Irrigation Well Sample Kits

339 kits went to producers in 2021; all have now been returned.

6.C.2.a.5. Bellwood Phase 2 Area

2021 is the nineteenth year for this Phase 2 Area.

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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)	35.6% (10 of 64)	25% (16 of 64)	18.8% (12 of 64)
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All producer sample results have been mailed.

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

2021 is the sixth 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 and 2021 numbers (at bottom of table) are for 65 sections.

Year	Nitrate-nitrogen Range	Percent	Percent	Percent	Percent
		Nitrate-nitrogen 0 to 8.0 ppm	Nitrate-nitrogen 8.01 to 10.00 ppm	Nitrate-nitrogen 10.01 to 15 ppm	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	26% (67 of 262)	8% (22 of 162)	24% (64 of 262)	42% (109 of 262)

All producer samples kits have been mailed.

6.C.2.a.7. Nitrate Results Information

Staff met with Platte Center's Village Clerk and Water Operator to discuss the nitrate results within the area. Staff will be attending a Fire Department Meeting on Monday, December 6 at 8 pm to discuss the potential for a "Test Your Well Night" in conjunction with a Soup Supper. The plan is to work with the Columbus Lakeview FFA chapter to assist in this event.

The staff have looked at nitrate results from the SWN wells and it appears that some of the wells could be under the influence of livestock waste. What should be the approach when this could be the case?

It was recommended by the Committee to research the livestock facility's history.

Information is attached on the water sampling results of SWN wells within Shell Creek.

6.C.2.a.8. Lower Platte River Basin Water Management Plan Coalition (LPRBC)

Attached are three options proposed for the next 5 year allotment. The Coalition Management Committee recommends the 25-year proposal. The group discussed the pros and cons of the 3 proposals and decided to present the 25-year option to the NRD Boards. The 25-year option has 2,759 Acre Feet (AF) of new water allotment and 1,182 carry-over from the previous 5 years for the LPN. This will allow 3,941 AF of water allotment for the next 5 years. The 1,182 AF of carry over does not include the 200 AF of approved variances on new and expanded irrigation for 2021.

Staff explained the concerns about how industrial wells were being tracked when a municipal well was supplying the water. If an industry applies for a high capacity well permit, that would be counted towards the allotment. If an industry has an existing municipal well supplying the water, there is no accounting of the water but the same amount of water is being taken out of the groundwater or surface water source.

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
Charles Emanuel & Sons Inc	Irrigation	\$613.87	Dodge
Charles Emanuel & Sons Inc	Irrigation	\$569.96	Dodge
Gillwell Foundation	Domestic	\$744.75	Saunders

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
Hemmer Land LLC	Irrigation	\$790.88	Platte

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

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

Staff have been meeting with producers to assist with online reporting and discuss options for best management practices.

6.C.3.c. NEW MONITORING WELLS

Attachment is updated Quote from In-Situ for cables for 3 dedicated monitoring wells.

- G-133243 (inactive well - has small shelter and METOS pole/unit in place) - cable length 270' (David/Dean Grotelueschen)
- G-133949<2R> (second well replacement completed in 2020; has small shelter) - cable length 270' (David/Dean Grotelueschen)
- Bruce Schmit well is ½ mile from Highway 81 in Butler County. Small shelter and METOS pole/unit in place at G-035639R - cable length 310' (well ~ 1/8 mile west of UP-01)

6.C.4. SURFACE WATER PROGRAMS

6.C.4.a. USGS STREAM FLOW GAUGING SITES

Attached is the USGS Continuous Surface water quality monitoring agreement and

information.

It was explained to the Committee that USGS is interested in continuing this gage for an additional 3 years. This gage has been in place for 6 years to collect water quality samples from the Platte River. USGS will be attending a future meeting to discuss this agreement.

6.C.5. OTHER

Will's Monthly Report is attached for review.

Eric reported to the Committee on the Wanahoo Stilling Basin.

GMDA conference is January 18-20 in San Antonio, TX. Joe Birkel is interested in attending, with staff members Daryl and Bret planning to attend.

It was requested to consider moving the Water Committee from Wednesday to Tuesday evening.

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

6.D. Projects Committee - Action as Required

6.D.1. UNFINISHED BUSINESS

None.

6.D.2. SWCP

6.D.2.a. SWCP Application Approvals

None.

6.D.2.b. SWCP Payments

None.

6.D.2.c. SWCP Cancellations

None.

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

None.

6.D.3. WATERSHEDS

6.D.3.a. Shell Creek

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

Elliott, Mountford and Matt Bailey met with Colfax County and Pruss Excating representatives on November 16th to discuss plans to complete the Shell Creek South Channel Improvement/Benching Project. Pruss will start work in December and have the project completed by next spring.

Attached is JEO's November 24, 2021, \$4,976.50 invoice and progress report for updating the Shell Creek Watershed Water Quality Plan. After this payment, \$2,855 will remain under our \$31,630 contract. Work for the plan update is being reimbursed from our EPA 319 grant.

Just after the Project Committee Meeting, we received two invoices, totaling \$19,530.03, as attached from UNL for completion of the Shell Creek Survey. This is an LPNNRD approved project, but since the payment request came in after the Committee Meeting, a motion for payment will be added to the Board's December 13th Additional Agenda items.

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

No new updates.

6.D.3.a.2. Septic System Maximum Assistance Increase

The Nebraska Department of Environment & Energy (NDEE) has raised the maximum cost share limit for septic system upgrades as attached. LPNNRD has offered 60% 319 EPA grant assistance administered by NDEE, (no local LPNNRD funds are used) to cooperators in the Shell Creek Watershed based on the maximum limit established by NDEE. While this may potentially use more of our approved 319 grant funds for this practice, it will likely not be a factor in most cases. We plan to use the new limits, unless the committee feels otherwise.

6.D.3.a.3. Septic System Application

JOHN HANNAH **\$4,800.00**

6.D.3.a.4. Shell Creek Septic Upgrade Payment

DAVID GEILENKIRCHEN(paid) **\$3,134.22**

6.D.3.b. Wahoo Creek Watershed

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

NRCS has placed the final draft of the Wahoo Creek Watershed Plan on their website for public review as listed below. Attached is the draft FONSI for Wahoo (thanks Janel). Once

the final 30-day public review period of the EA and FONSI is completed, then it can be signed.

<https://www.nrcs.usda.gov/wps/portal/nrcs/detail/ne/technical/engineering/?cid=nrcseprd1492259>

We received the attached FYRA invoice totaling \$6,570 for contact work with NRCS on finishing the watershed plan for public viewing. After this payment, \$8,442.75 will remain under contract.

6.D.3.b.2. Olsson Design Update and Invoice - Andrew Phillips Update - 7:30 a.m.

As reported earlier, NRCS has placed the Wahoo Creek Watershed Plan for public review. Since this is the final step before formal approval occurs, NRCS has given us permission to have Olsson move forward with geo-technical soil analysis on the remaining seven dam sites (55, 66, 77, 82, 84, 85 & 86). Geotech work has already been completed at three sites (26a, 26b & 27) two years ago. Attached is an example of the 31 landowner letters mailed on November 3, 2021, along with a description of work to be accomplished and the anticipated schedule that Olsson will be on their property. Andrew discussed the work that Olsson has been and will be involved with during the upcoming months.

Attached are invoices and progress report on Olsson activities. There is a \$3,323.71 invoice for previous work completed on dam sites 26a, 26b & 27 and another \$4,081.34 for contract work on the other seven dams. Andrew Phillips will Zoom in at 7:30 a.m. to discuss geotechnical work being started on dam sites 55, 66, 77, 82, 84, 85 & 86.

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

Attached is JEO's November 24, 2021, \$3,098 invoice and progress report for updating the Wahoo Creek Watershed Water Quality Plan. After this payment, \$3,462.50 will remain under our \$31,630 contract. Work for the plan update is being reimbursed from our EPA 319 grant.

6.D.3.b.3.A. Septic System Maximum Assistance Increase

As mentioned in the Shell Creek agenda item, the Nebraska Department of Environment & Energy (NDEE) has raised the maximum cost share limit for septic system upgrades as attached. LPNNRD has also offered 60% 319 EPA grant assistance administered by NDEE, (no local LPNNRD funds are used) to cooperators in the Wahoo Creek Watershed based on the maximum limit established by NDEE. While this may potentially use more of our approved 319 grant funds for this practice, it will likely not be a factor in most cases. We plan to use the new limits, unless the committee feels otherwise.

6.D.3.b.3.B. Wahoo Creek Septic System Upgrade Payment

Ron Sabatka's septic system has been replaced and we are awaiting paperwork.

6.D.3.b.4. Lands For Conservation

We awaiting LFC certification paperwork from NRCS

6.D.4. JOINT WATER MANAGEMENT ADVISORY BOARD

Attached is the JWMAB November 18, 2021, meeting minutes to update partners on various project progress.

6.D.4.a. Platte River Cameras/Gauges Project Update

Attached are the minutes from the November 5, 2021, partner meeting to coordinate activities with USGS. USGS will be establishing five cameras and two additional water gauges along the Platte River. Cameras will be placed at HW 64, 77, 79 & 15 bridges and one on private property tentatively planned at Bellwood Lakes. Additional gauges will be placed at HW 64 and 77 bridges. The plan is to place equipment and have it available to view on their website in December.

6.D.4.b. Rawhide Creek Work Plan-Environmental Assessment Update

An agency meeting, followed by a public meeting on the Rawhide Watershed Plan Assessment were held at the Fremont City Auditorium on November 18. Attached is a fact sheet and survey form provided. JEO's plan is to have the Plan completed in 2022. After the Plan receives NRCS approval, the next step for JWMAB partners will be to pursue federal and state assistance for identified flood reduction projects.

6.D.4.c. North Bend Drainage District Improvement Project

A meeting with FYRA occurred on November 30th to discuss the economic analysis being conducted for potential FEMA funding assistance. A minimum of one to one cost/benefit analysis is required to be eligible. Because of multiple potential flooding events in the Rawhide Creek Watershed from not only Rawhide Creek, but also from Shell Creek and the Platte River, it is challenging to obtain a positive cost/benefit ratio. It appears that improvements to the North Bend Levee need to be included to make this a viable project. This will require a scope change in the FEMA grant application. A meeting will be set up with NEMA/FEMA in the near future to discuss this possibility.

6.D.5. HAZARD MITIGATION PLAN UPDATE

No new information.

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

Update given on Allen Kaspar/Prochaska complaint.

6.D.7. OTHER

6.D.7.a. Bellwood Watershed Drainage Ditch #4 Request - 8:00 a.m.

As discussed last month, the Bellwood Ditch 4 system is approximately 4.5 miles in length from the bluffs to the south, to the Platte River. It was proposed by the SCS/NRCS in the mid 60's that the ditches from the Bellwood Watershed Dams be improved and maintained. The only segment that LPNNRD easements were obtained was on a 3/4 mile segment of ditch 4 (see attached map). Landowner Dennis Kucera has reminded us that we have O & M on this 3/4 of a mile. There are numerous trees to be taken out, a breach on the west bank and a large beaver dam that should be removed. Mountford, Elliott, Moore, Dokulil and Bob Hilger met with Butler County representatives and Mr. Kucera on November 16 to inspect our project easement area. Our O & M crew has since removed the majority of the trees in the ditch and is making plans to remove the beaver dam. This work will be coordinated with Butler County.

Mr. Kucera also requested LPNNRD and County assistance to clear more of the ditch, specifically the last 1/2 mile that flows from our 3/4 mile project area to the Platte River. Drainage on the 1/2 has been the landowner's responsibility. Mr. Kucera has asked if a public interest is determined by LPNNRD and/or Butler County to assist landowners to remove trees and debris in the subject area, would we offer assistance? Mr. Kucera was present at 8:00 a.m. to discuss his request and will provide more information in the future. Attached is Mr. Kucera's map and narrative.

6.D.7.b. FEMA Hazard Mitigation Property Acquisition Grant Platte County

We have been contacted by Platte County Emergency Manager Tim Hofbauer and Mary Baker, JEO, asking if we would be interested in purchasing a Platte County property in LPNNRD that is eligible for FEMA grant (75%) funding (attachments) for an entity to purchase, remove buildings that are subject to flooding and have it for public use. A similar request was brought to the Board on May 11, 2020, regarding a property in Dodge County, east of Fremont. While no formal motion was made at that time, the Board did not express interest in being the lead entity to participate in this property buyout program. This Platte County property, referred to as the Mohrman parcel, consists of 3.12 acres. Looking back at our 2020 committee and board minutes, an attachment of the Mohrman parcel in Platte County was also included, but there wasn't specific discussion about that location. Looking back at the May 11, 2020 Board minutes, it was discussed that LPNNRD might consider some assistance if another entity took the lead depending on how the property would be used.

Mountford spoke with Matt Bailey who indicated he didn't feel this property purchase was something the Shell Creek Watershed Improvement Group would be interested in pursuing. The committee did not express a desire to pursue purchasing this property and no recommendation was made.

6.D.7.c. Morse Buff Dike Repair Assistance Discussion

The Morse Buff Dike runs approximately two miles west from the HW 79 bridge in

Sauders County. The Dike & Drainage District disbanded in the late 1980's. After the 2019 floods, a 1000 foot breach occurred. An update on the current status of this area was given. LPNNRD may be requested by the landowners to participate in a project to repair the breach.

7. Additional Action Items

7.A. Nebraska Buffer Strip Payments

The State of Nebraska recently submitted payment of seven Ne Buffer Strip Contracts that should have been paid in October.

A motion will be needed at Board Meeting to pay the following 2021 Buffer Strip contract payments totaling \$11,040.35

James Barjenbruch	\$1661.98
Charles Barjenbruch	\$2033.00
Dan Gehring	\$1074.23
Arlis Plummer	\$1074.23
David Luckey	\$2818.89
Diann Svatora	\$1327.70
Sam Welch	\$1050.32

7.B. UNL Shell Creek Survey Payments

Just after the Project Committee Meeting, we received two invoices, totaling \$19,530.03, as attached from UNL for completion of the Shell Creek Survey. This is an LPNNRD approved project, but a motion is needed to approve payment

Motion needed at Board Meeting - To make payment to UNL for completion of the Shell Creek Survey totaling \$19,530.03.

7.C. Wahoo Creek Lands for Conservation Payments

We received paperwork for the listed Wahoo Creek Lands for Conservation Payments after the Committee Meeting.

Motion needed at Board Meeting - To approve the Lands For Conservation payments to participants as listed below:

PARTICIPANT	ACRES	PAYMENT
AUSTIN VERMELINE	63	\$12,915.00
CARL & SUSAN SOUSEK	63	\$12,915.00
DAVID SOUSEK	27	\$5,535.00
JON SWANSON	26	\$5,330.00
ROBERT POKORNY	56	\$11,480.00

