

Regular Board of Directors Meeting
Monday, May 13, 2024 6:00 PM
Lower Platte North NRD Office
P.O. Box 126
Wahoo, NE 68066

1. Call to Order

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

1.A. Meeting Notice

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

1.C. Pledge of Allegiance

2. Roll Call

2.A. Introductions

3. Approval of Agenda

Are there any additions or corrections to the agenda?

4. Comments - Advisors/Guests

4.A. Guest Comments

4.B. NRCS Report

4.C. NARD Report

4.D. NRC Report

4.E. Managers Report

4.F. Education Program

5. Approval of Minutes

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

6. Report of Standing Committees

6.A. Executive Committee - Action as Required

6.A.1. UNFINISHED BUSINESS

6.A.2. MEETINGS

6.A.2.a. Pending

6.A.2.a.1. NARD Basin Tour

The annual NARD Basin Tour will be held June 10-11 and is based out of McCook. See attached tour highlights. Please let Breunig 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 absence requests from the following:

Olson - Fishing

Johnson, D. - In Denver with sister for surgery

Tonnies - Family Vacation to the Ozarks to see eclipse. (Zoom)

McKnight - Out of town with grandchildren for eclipse. (Zoom)

6.A.3.b. Monthly Education Program

6.A.3.c. Alex Kavan Resignation

Attached find Alex Kavan's letter of resignation from Sub-District 8. We will need to accept his resignation and appoint a subcommittee to find a replacement.

6.A.3.d. LB43e Conflict of Interest - Notice of Meetings - Open Meetings and Public Records Requests

During the last legislative session there were several changes our district will need to be aware of and make adjustments to our procedures. Gottschalk will share a handout reviewing these changes in Nebraska law and our NARD attorney's recommendations.

6.A.3.e. New Office Update

Our contractor Scheele - Kayton has begun their mobilization process to our construction site and hope to begin earthwork very soon. Silt fencing has also been installed around the perimeter of the construction site.

Discussion is requested for maintaining an organized "New Building" subcommittee during the construction process. This committee would be able to meet, review and remain updated on all aspects of the build and report monthly to the full board.

Chair Thompson appointed the following Directors to the Building Subcommittee (Birkel, Hilger, J. Johnson, McKnight, Sabatka and Seier)

6.A.4. EQUIPMENT

6.A.4.a. FEMA 428 Funding

Staff has prepared a final adjustment to our FEMA 428 funding request application which includes additional recommendations for equipment purchases.

Staff was directed to move forward with adding the additional equipment purchased to our FEMA 428 request.

6.A.5. PERSONNEL

6.A.5.a. Staff Cost of Living / Merit Salary Increase

As we prepare for next fiscal year, May is the time we conduct performance reviews and discuss annual salary increases. As in past years since 2018, an overall total salary percentage increase is approved, then that total increase is spread evenly between all full-time employees.

6.A.5.b. NRCS Office Personnel Job Classifications

Through discussions with NRCS management, it appears to be beneficial to create an additional job classification for our NRCS office staff. We currently have one position titled NRCS Field Office Assistant. We have a couple employees taking on more and more responsibilities within the NRCS office and a position of NRCS Programs Assistant position would more closely describe the work our employees are performing. Discussion and possible motion to create a position, NRCS Programs Assistant.

6.A.5.c. Wanahoo Seasonal Staff

As we move into the busy recreation season, all but two of last year's summer help will return. The benefit of experienced staff during this busy season is a tremendous benefit to the district.

With the loss of Bret Schomer, Richard Mullen's experience and knowledge of Wanahoo will be invaluable this season. Because Rich will be assisting and training Kaitlyn this season as she navigates her first Wanahoo recreation season I am recommending a \$2.50-\$3.00/hour pay increase for him and a \$1.50/hour increase for our six returning seasonal employees.

As a reminder, all Wanahoo Recreation expenses are paid out of our recreation revenue generated by park permits and camping fees.

6.A.6. FINANCE

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

Grant will be available to review the March Financial Statement.

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

Attached find Manager Gottschalk's time and expense sheets.

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

6.B. Operations Committee - Action as Required

6.B.1. UNFINISHED BUSINESS

We have nothing to consider for unfinished business.

6.B.2. WILD NE AND OTHER PROGRAMS

M.E. Collins continues to remove dirt from the Cat Paws on the Wanahoo wetland complex, (pictures attached).

Also, a picture of the wetland renovation after the rains.

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

The O & M crew removed many trees on the Wanahoo wetland renovation area. We packaged and delivered trees to the NRCS offices. We've planted 5 out of 10 sites but, that is only 15% of what we have to plant.

6.B.3.a. Rehabilitation of Cottonwood 21-A, NRCS & HDR

The engineering firms, HDR and Hazard Engineering reviewed with staff the alternatives in their study for the rehabilitation of Cottonwood 21-A. One alternative creates an auxiliary spillway to the east rather than flowing over the county road. The other alternative uses the same footprint of the existing auxiliary spillway with an increase in size. Quantities of soil to be moved are close to equal for either alternative, and we will be purchasing land and easements also.

The firms need to confirm and finalize some items with NRCS before they present their 60% completion results to the NRD and NRCS.

6.B.3.b. Intersection Hwy 77 & 109 Round-About

The City of Wahoo's electrical contractor continues work on the rerouting of power around the dam. The contractors are on site to start the Round-About project. We have obtained a Right-of-way permit for the filtering systems to be installed by NDOT's contractor.

6.B.3.c. Lower Platte Weed Group

Drone Contractors submitted bids to the Papio-Missouri NRD which were due Friday, April 12.

Papio received six bids from drone companies out of Lincoln, Dunbar, Ashland, Nebraska City, Gresham and Union, NE. The Ashland company was eliminated for not providing a NDA Certificate.

The County Weed Departments and NRD's can use any of the five drone contractors. Their prices vary in some regard.

6.B.3.d. Equipment for Sale

The District has advertised our JD CX15 mower for over a month. Bids were due Tuesday, April 30 at noon. We did not receive any bids.

We will continue to try and sell the mower by re-posting it on Facebook Market Place. We are asking \$15,500.

6.B.3.e. Haying NRD Recreation Areas

Bids for haying NRD recreation areas were due on Tuesday, April 30th, at 4:00 pm.

We received hay bids from 8 different people. The bid tally sheet is attached. The high bid for Wanahoo and Czechland is Matt Sullivan and the high bid for Homestead is Dan Kadavy.

6.B.3.f. Behrens' request to replace a house at Thomas Lakes

Vance Behren's residence at 648 S. River Road in Thomas Lakes was washed away by the March 2019 flood. He is now requesting to rebuild the

house on the same lot 47 (letter attached). The Clear Creek levee was restored by the Corps of Engineers in 2020 and the area of the Behrens lot was restored with rip-rap extending upstream.

A mitigation plan and flowage easements were developed in 2006 by the District and COE for this area due to the significant flood hazard and risk of property damage and life loss.

The District can make its own decision since the flowage easements are not a feature of the WSCC Project and the cost of the easements were not credited to the Sponsors' (NRD) cost-share for the Project. With that said, the COE does not recommend any new structure construction which is contrary to the intent of the Mitigation Plan of 2006. (See COE Letter attached). It's suggested to read both letters thoroughly for a decision next month.

Mr. Behrens states that "if we were allowed to build, I am looking at the potential of a concrete structure supported on large drilled piers that are 30 or 36 inches in diameter with the floor line well above the BFE. The design of the foundation system would be based upon the recommendations of a geotechnical investigation and would allow floodwaters to flow under the structure".

Two pictures are attached of the Behren home before and after it was taken by the Platte River.

6.B.4. ROCK AND JETTY

We have not received any applications or requests for payments.

6.B.5. LAKE WANAHOO

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

For the month of March, the District received \$3,432.50 in annual park permit revenue. The year by year break down is listed below.

Month	Monthly Total	YTD
March 2024	\$3,432.50	\$19,942.50
March 2023	\$4,355.00	\$73,017.50
March 2022	\$5,720.00	\$75,262.50
March 2021	\$9,980.00	\$85,656.85
March 2020	\$5,357.50	\$96,317.50
March 2019	\$4,455.00	\$82,252.50

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

For the month of March, the District received \$6,630.14 in camping

revenue. The year by year comparison is below.

March 2024	\$6,630.14	\$13,621.36
March 2023	\$4,754.57	\$127,792.00
March 2022	\$5,232.26	\$129,922.83
March 2021	\$10,462.19	\$118,152.11
March 2020	\$2,369.23	\$134,027.78
March 2019	\$2,119.08	\$93,337.36

6.B.5.c. Live Well Go Fish Building

After meeting with the board of Live Well Go Fish, they would like to proceed with their grant application to secure funds for building a storage structure for their boat and equipment at Lake Wanahoo. They would like to build an addition to the existing Wahoo FD building located north and west of the Wanahoo boat docks. Discussion and direction is requested to notify LIve Well Go Fish if it is LPNNRD's intention to work with them allowing this project to proceed.

6.B.5.d. Wanahoo East Side WiFi / Camera Installation

In order to provide a more secure park, we have been looking into a security camera to be placed on the light pole located at the NW corner of the parking lot at the education building. Diode Technologies (which supports our current building camera system and internet service) has submitted an estimate to provide wifi access to the camera and light pole. Once service is provided, we can explore a range of cameras to meet our security needs.

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

The Clint Johannes Education Building at Lake Wanahoo was rented 23 times with 3 NRD events. Revenue for the month was \$2,547 (this includes 2 half-price rentals for a church event).

6.B.6. INFORMATION AND EDUCATION

6.B.6.a. Information

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

The KTIC radio ads and Wahoo newspaper e-ads during April featured the three recreation areas. The May ads will feature the upcoming chemigation permits deadline.

6.B.6.a.2. Analytics

The LPNNRD Facebook/Twitter pages, and the website are some of the fastest ways to get information out to the public. Tracking analytics are a way to see how many people are seeing the information.

Sometimes a decrease in reach or impressions can mean there is an error with the Facebook/Twitter pages or the website. Facebook and Twitter posts range from 10 - 15 posts per month. 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.

	Total Reach	Engagements	Followers
	7,565	8,361	1,592
	8,024	9,151	1,557
	8,395	8,208	1,531
	13,669	1,078	1,513

	2,381	135	1,501
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	Total impressions	Engagements	Followers
	810	59	423
	803	75	426
	1,033	34	416
	1528	86	417

	711	51	411

Top Posts on Facebook and Twitter:

- Set Your Sites at Wanahoo now available
- Earth day teacher flyer
- Happy Earth day
- Coffee Lakeside flyer
- NRD Recreation Exploration

	Users	Traffic Channel Changes	Top Pages	Devices
	1,958	Organic 6.3% Direct -2.35% Referral -6.73% Social 0%	Lake Wanahoo Home Czechland Outdoor Recreation Forestry	Mobile 57% Desktop 41.5% Tablet 1.5%
	1,489	Organic -8.51% Direct -32.94% Referral -47.5% Social -16.67%	Lake Wanahoo Home Czechland Forestry Staff	Desktop 48.9% Mobile 48.8% Tablet 2.3%
	1,838	Organic 0.8% Direct -9.6% Referral 64.3% Social -61.8%	Home Lake Wanahoo Forestry	Desktop 52% Mobile 45.8% Tablet 2.2%

			Downloads Czechland	
	1,718	Organic 51.06% Direct 1.06% Referral 63.3% Social 937.5%	Home Lake Wanhoo Downloads Czechland Staff	Desktop 51.4% Mobile 47.3% Tablet 1.3%
	1,075	Organic -20.26% Direct 3.1% Referral -2.27% Social -81.58%	Home Lake Wanhoo Downloads Staff Czechland	No data

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). As of mid-September changes for traffic channels and devices will show increase or decrease for the month.

Top referral clicks from: nrdnet.org 36, visitnebraska.com 14, Wahoo newspaper website (LPNNRD digital ad) 1.
Clicks from Facebook: 31.
Clicks from Twitter: 0.

6.B.6.a.3. Butler County Fair

The Butler County Fair will be held Thursday, July 11 - 14. A single booth option is 8 foot x 10 foot for \$130. There are other sponsorship opportunities available full details attached.

- Purple Ribbon sponsor: \$50-\$250 (name on schedule flyer)
- 1st in Class sponsor: \$500 (name on schedule flyer, logo on large

banner, name on advertisement poster)

- Champion sponsor: \$1000 (same as previous, plus 2 tractor pull tickets and 2 concert tickets)

6.B.6.b. Education

6.B.6.b.1. Past events

- **April 4th:** St. Wenceslaus Pre-K classroom visit.
- **April 11th:** Coffee Lakeside with Paula Hoppe. Close to 30 people attended this event talking about the sparrows of Nebraska.
- **April 17th:** Survival Club had a guest speaker, John Miyoshi, to give an introductory fishing lesson. 12 students attended.
- **April 18th:** Fremont Ecofair. Over 300 4th grade students from Fremont schools attended. Our station talked about pollinators and how important they are; we also handed out trees. Big thank you to John Goldsberry and Tom McKnight for helping out!
- **April 19th:** 85 students from Wahoo Elementary's kindergarten class learned about arbor day.
- **April 21st:** Schuyler 4-H group learned about Earth Day.
- **April 22nd:** 85 students from Wahoo Elementary's kindergarten class learned about Earth Day in the morning. And 40 students from North Bend's 5th grade class learned about Earth Day in the afternoon. Big thank you to Andrew Tonnie for his help in the classroom!
- **April 24th:** 45 7th graders from North Bend middle school learned about Earth Day.
- **April 25th:** 25 students from Archbishop Bergan Early Childhood center learned about the 'world below our feet: soil and earth worms.'

6.B.6.b.2. Upcoming

May 1st: Spring Conservation Sensation

May 2nd: St. Wenceslaus Pre-K field trip

May 6th: Wahoo 4th grade field trip PM

May 7th: Wahoo 3rd grade AM & North Bend 2nd grade PM

May 8th: North Bend 1st grade PM

May 9th: Coffee Lakeside

May 13th: Wahoo 2nd graders field trip PM

May 14th: Ashland Greenwood Water Day

May 17th: Survival Club camp out at Lake Wanhoo - overnight

May 18th: Fishing Derby Fremont State Lakes

Take a deep breath

May 31st: Nocturnal night

6.B.6.b.3. Land Judging Location

We will be hosting the East Central land judging competition this fall, October 2nd, and are currently looking for a location to host it. Attached is a map of how the contests are broken up. If you would be willing to host, or know of any landowners in these counties, who may be open to hosting or at least getting more information, please reach out to me. We would like to secure a location sooner rather than later.

6.B.7. RURAL WATER SYSTEMS

6.B.7.a. Rural Water District Operations

The 2023 water quality reports and consumer confidence reports (CCR) were distributed as per state policy. Public notices were posted at both villages, as well as our website, and notice was included in bills. The RWD is actively looking for software alternatives to our existing WaterWorks billing program. We continue to experience glitches and errors that "can't be explained" by PWG. The past few months of billing have been particularly cumbersome for staff, and also for HBE oversight. The RWD plans to have a recommendation by start of FY25. Work continues on the lead service line inventory (LSLI), the RWD has sent out multiple notices to customers and has received ~25% response. The RWD will have to personally contact and possibly personally verify service connections if customers are unwilling to verify, or request RWD assistance. Below is an example of the LSLI that will be submitted to EPA by 10/14/24:

PWS Name: Bruno Rural Water District PWS ID: NE31-21171
 Operator Signature: Date:

Locational Identifier	System-Owned Classification	Method of Determination	Customer-Owned Classification	Method of Determination	Lead Bearing Material Present
1530 35 1/2 Road, David City, NE, 68632	non-lead: plastic	Installation of water service - development of RWD	Non-lead: copper	Owner certified	None

6.B.7.b. Colon System

Routine monthly sampling completed, meters read and bills mailed 5/1.

6.B.7.c. Bruno System

The Bruno RWD was notified that David City will be changing out the 4" meters in master meter vault in the coming month. The vault contains a transmission main bypass that will allow for uninterrupted service to our customers.

Routine monthly sampling completed, meters read and bills mailed 5/1.

6.B.7.d. 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 Requests in the Restricted Development Areas
Variana and Sons Inc in regard to the expansion of acres variance for the N1/2 SW1/4 S33-16N-4E Butler County.
Randy called and would like to delay this application to a future Committee Meeting.

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

6.C.2.a.3. Tile Drain Discussion
Discussion on tile drains as this is still an issue within the District. The committee and staff discussed which agency has the jurisdiction over tile drains. This has been handled in the past as a civil suit in the court system.

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

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

An Invoice is attached for \$16,737 from Tri-City for meter maintenance in Saunders County. This completes the 4-year cycle of meter maintenance within the District. The plan is to go back to Zone 1 for 2024-25, which is northern Butler, Colfax and Eastern Platte Counties.

6.C.2.a.5. Lower Platte River Basin Water Management Plan Coalition (LPRBC)

Members of the Coalition Board held their annual meeting on Tuesday, April 23. The Board approved the IMP reports from each participating agency. They approved next year's budget with the dues being \$10,000 for each member. This fund will be utilized in future years to assist in the next modeling effort for determining 10/50 lines and stream depletion values.

Attached is the depletion chart.

6.C.2.b. CHEMIGATION

For 2024, we have 298 renewals and 9 new permit applications for a current total of 307. Inspections for 1 new permit have been completed.

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

GWEL information for Spring of 2024.

The following compares Spring 2024 to 2023 with all areas lower in 2024.

- Districtwide Spring of 2024 was 1.17 feet lower.
- The Upland area was 2.16 feet lower

- The Todd Valley area was 1.62 feet lower.
- The Platte Valley area was 0.58 feet lower.
- The Shell Creek area was 0.71 feet lower
- The WANN Basin area was 0.86 feet lower

Attached is some additional information.

The committee discussed whether the trigger levels and geological regions should be re-evaluated. The majority of the current triggers were developed in the 1990s with the data at that time. More data has been collected with AEM flights and assessments. The plan is to have LRE hydrogeologists present at the May water committee meeting, as they are currently working on the LPN groundwater management plan.

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

This winter, staff has been collecting domestic samples all winter. 89 water samples were sent to the Health Lab in Lincoln with the average from all the samples 11.22 PPM. The range was 0 to 36.40 with any samples over 10 ppm that did not have a RO unit informed about the rebate program, with NDEE. Four test your wells events were held along with some of these results not being sent to the lab as they showed nitrate under 8 PPM with the testing kits.

The committee discussed a RO rebate system for LPN along with assistance on registering the wells. Staff will be developing a rebate program for the Committee to review at the May Committee meeting.

6.C.3. GROUND WATER PROGRAMS

6.C.3.a. DECOMMISSIONED WELL PROGRAM

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

One new well has been reviewed and approved for decommissioning since the last Committee meeting.

Well Owner	Type of Well	Cost Share Estimate
Dworak Agriculture LLC (Donald Dworak)	Irrigation	1292.24

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

1 well has been plugged, reviewed, and ready for cost share payment approval this month.

Well Owner	Type of Well	Cost Share Estimate
Gary Harms	Irrigation	\$ 1,261.13

6.C.3.b. LOWER PLATTE NORTH NRD GROUND WATER STUDIES
Attached find a bill from Sentinel Fertigation Inc. for a nitrogen efficiency project. The demonstration site is located on Meduna Family Land in Saunders County.

A motion will be needed at Board Meeting to pay Sentinel Fertigation \$10,803.88 for equipment needed for the demonstration site.

6.C.3.c. NEW MONITORING WELLS EQUIPMENT
Staff are working with In-situ on equipment like splitters and rain gauges that would be purchased with the current credits.

Staff showed the current online HydroVue Information from In-Situ to the Committee.

6.C.3.d. Groundwater Management Plan
Staff met with LRE on suggestions for the GWMP. An update on these recommendations is planned at the May Water Committee Meeting. The plan is to have 2 stakeholders meeting in the first week of June.

An invoice is attached for \$4,717.50 per contract.

6.C.3.e. Lower Platte River Consortium
The Consortium group met on Wednesday, April 24. Items discussed were water levels by NRDs and Municipalities along with stream flows in the Platte River. An update was given on the current drought and communication between agencies.
A workshop was held after the regular meeting to discuss the purpose of the group, along with potential projects and education. A synopsis is being put together for the group to consider and if any projects have the potential to move forward. The next meeting is planned for May 29 to discuss the current drought and projects.

6.C.3.f. Phase Area Update
The following applications are ready for payment from the LPNNRD.

- Flow meter application for Skytown Properties for \$1,000

- Flow Meter application for Midland Land LLC for \$1,000.
- Cover Crop Incentive for Midland Land LLC for 79 acres at \$5/acre for a total of \$395.
- Soil Moisture Sensors for \$750 to Midland Land LLC for 13-17-3, Colfax County
- Flow meter application for Rambour Realty Co for \$1,000.
- Flow meter application for Fred Otradovsky for \$1,000.
- Flow meter applications to Mark Horejsi for \$4,000.

The total amount of the cost share for the April Committee Meeting is \$9,145. More paperwork might be received with more reimbursement by Board meeting.

Received 2 flow meter applications from Edwin Slavik for \$1,000/meter
 Received 1 flow meter application from Calvin Nelson for \$1,000/meter.
 Received 1 flow meter application from Leander Rerucha for \$1,000/meter
 Received 1 flow meter application from Lost Creek LLC for \$1,000/meter.
 Received 1 flow meter application from Dan Zoucha for \$1,000/meter.
 Received 1 flow meter application from Violet Theilan for \$1,000/meter.
 Received 1 flow meter application from CMC Landholdings LLC for \$1000/meter.

Received 1 flow meter application from Denise McAfee for \$1,000/meter.
 Received 1 flow meter application from Galyn Johannes for \$1,000/meter
 Received 1 flow meter application from Rambour Realty for \$1,000/meter.
 Received 3 flow meter applications from Carl Grotelueshen for \$1,000/meter

Received 1 flow meter application from Roger Wilshusen for \$1,000/meter.
 Received 1 flow meter application from Jon Engel for \$1,000/meter.
 Received 2 flow meter applications from Gregg Melliger for \$1,000/meter.
 Received 3 flow meter applications from Midland Land LLC for \$1000/meter.

Received 1 flow meter application from Skytown Properties for \$1,000/meter.

Received 1 flow meter application from Trish Vojtech for \$1,000/meter
 Received 1 flow meter application from Lonnie Kitt for \$1,000/meter.
 Received 3 flow meter applications from Marcy Kallweit for \$1,000/meter
 Received 1 flow meter application from Brian Kluck for \$1,000/meter.
 Received 1 flow meter application from Keith Kallweit for \$1,000/meter.
 Received 14 flow meter applications from A Glen Kluck Co for \$1,000/meter.

Received 1 flow meter application from Galen Cech for \$1000/meter.
 Received 2 flow meter applications from Richard Shonka for \$1,000/meter.
 Received 1 flow meter application from Lorene Oehlich for \$1,000/meter
 Received 2 flow meter applications from Arnold Oehlich for \$1,000/meter.
 Received 1 flow meter application from Rae Jean Sjogren for \$1,000/meter
 Received 2 flow meter applications from Larry Kohler for \$1,000/meter.
 Received 2 flow meter applications from Gary Wachal for \$1,000/meter.

Received 1 flow meter application from Scott Muhle for \$1,000/meter.

The total amount committed for flow meter cost share is \$150,000, which NRD budgeted \$170,000 for this cost share item.

Dan Wachal was approved for a gravity to pivot conversion through the NRCS on the NW of the SE for Section 10-17N-2, Colfax County. The LPNNRD will be proceeding with approving the application for \$10,000 received on July 19, 2023. The NRD initially budgeted \$5,000 but increased to \$10,000 in the fall after receiving a total of 8 applications. This will be the 5th application that NRCS approved, but still have 3 more applications waiting for funding.

Received 1 application from Mel Bailey on the Iron Chlorosis Incentive Program for \$3,000 on 200 acres at \$15/acre located on Section 18-17N-3E.

6.C.4. SURFACE WATER PROGRAMS

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

Hello everyone!

A new season of Beach Watch begins on May 6th! NDEE and our sampling partners are ready for another season of beach monitoring for microcystin and *E. coli* bacteria. Sampling will be occurring at 55 beaches on 50 different lakes across the state of Nebraska from May 6th to September 30th. One item to note is that Summit and Wagon Train Lakes will not be sampled this year until lake water levels increase as levels remain low due to recent renovations.

A "Health Alert" will be issued at beaches when microcystin exceeds 8 ppb and signs will be posted (see below). When *E. coli* bacteria levels are measured above 235 colonies/100ml of sample a "Health Alert" will not be triggered, but conditions are considered a high risk for illness if water is ingested. Unlike with dangerous levels of HABs, signs are not specifically posted and beaches are not closed for high bacteria levels. This is primarily because bacteria values change quickly while microcystin levels are more persistent and can remain for several weeks.

If you would like more information on HABs follow the links below:

NDEE HABs Fact Sheet:

<http://deq.ne.gov/NDEQProg.nsf/OnWeb/ENV042607>

EPA Harmful Algal Blooms (HABs) in Water Bodies:

<https://www.epa.gov/habs>

Here's to the new Beach Season!

Justin Haas
State Lakes Coordinator
Nebraska Department of Environment and Energy
P.O. Box 98922
245 Fallbrook Blvd., Suite 100
Lincoln, Nebraska 68509-8922
Direct: 402-471-4224 | Main office: 402-471-2186

6.C.5. OTHER

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

6.D. Projects Committee - Action as Required

6.D.1. UNFINISHED BUSINESS

6.D.2. SWCP

Attached is the 2024 SWCP policy for approval. Only recommended change is increasing our maximum cost-share assistance to \$15,000.

6.D.2.a. SWCP Application Approvals

<u>Dana Kuhl</u>	<u>Saunders</u>	<u>200 trees</u>	<u>\$ 375.00</u>
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6.D.2.b. SWCP Payments

6.D.2.c. SWCP Cancellations

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

6.D.3. JOINT WATER MANAGEMENT ADVISORY BOARD (JWMAB)

6.D.3.a. East Fremont/Elkhorn Township Drainage - FEMA HMPG

We received congressional letters of support (attached) from Senator Fischer, Senator Ricketts, and Congressman Flood.

6.D.3.b. West Fremont - FEMA BRIC

6.D.3.c. Rawhide Creek Watershed - NRCS WFPO

The Rawhide WFPO regular monthly update meeting occurred 4/15, primary topics discussed:

- Wetlands issues: NRCS pushed back on JEO's wetland benefits calculations in the initial economics BCA; NRCS felt that too many benefit \$\$ were being applied to wetland creations with this being a "flood reduction" project. There are also concerns about the impacts with building the detention cells within existing stream wetland areas and the amount of mitigation that would be required. JEO altered grading plans to stay out of wetland boundary. Reducing the wetland impacts will also have a positive impact on Platte River depletion calculations.

- The local Airport Authority will need to provide sign-off on the plan; there is concern about the Merlyn England detention cell complex drawing in waterfowl and the detention cell lies in direct flight path of the runway.
- There was discussion regarding requirements for easement acquisitions. WFPO (NRCS) is not requiring the sponsor to obtain any "flood" easements for the Fremont cut-off ditch portion, only structure footprint and construction easements. This differs from the N. Bend Drainage Ditch repair which FEMA has instructed the NBDD to acquire easements outside of structure footprint.
- Plan EA submittal to NRCS national end of April*

6.D.3.d. North Bend Drainage District

The district is still working through some easement questions for the North Bend Cutoff Ditch project. Larry plans to attend a future meeting to ask for assistance with repair for the Central Cutoff Ditch. Attached are some documents.

6.D.3.e. Cotterell Diking and Drainage District

6.D.4. SHELL CREEK WATERSHED

6.D.4.a. Shell Creek Implementation - 319 & NET

Bill Bos submitted two applications for approval within our Shell Creek Environmental Enhancement Plan:

Roger Gehring	Alternate water/tank	\$8,061
August Runge	Grade stab/WW	\$9,184

As of 4/30, Bill reports that an approved on-site wastewater system is being installed:

Ken		
net		
h		
Nels		
on	Onsite Wastewater	\$4,800

Next SCWIG meeting is June 18th at the Columbus NRCS office.

6.D.5. WAHOO CREEK WATERSHED

6.D.5.a. Dam Site Planning Update

On 4/22 Gottschalk, Chapman and Elliott gave an update to the Saunders County Supervisors on the status of the Wahoo Creek WFPO. The focus was the updated timeline and the two county road impacts of the project: Road P (Site 26) and Road G (Site 77). Previously, the county had balked at the idea of additional work to keep Road P open as it's a minimum maintenance road, but now they would like to see what it would take. The estimated plan (same for both roads) would be a road raise with a box

culvert to allow for permanent pool to stay below the road, but in flood conditions the roads could still flood. Mainelli/Wagner is the county's engineer and has been tasked with working with Olsson to draw up a design(s).

6.D.5.a.1. Design - Olsson

Staff met with Olsson design team on 4/18 to discuss construction timeline for the first three sites, site 77 alternatives, and Platte River depletions.

- The plan for the first three will be a 11/1 start date. This will allow for tree removal without any stipulations for bat/bird nesting seasons. Olsson expects to have all three designs back to DNR by 4/30; unless re-engineering is required due to depletions. We expect to have our 404 permit from USACE by 6/30. This would allow us to go to bids mid-late summer.
- Olsson worked through multiple alternatives to change the principal spillway design from the planned 72" pipe to an accepted NRCS standard 48" concrete pipe. The preferred alternative (3 in attachment) includes; same top of dam elevation, a two foot decrease in perm pool (~ 30 acre less), an increase in aux spillway elev, and an estimated \$513,800 decrease in construction. There is also further investigation needed into the breach path for this structure with concerns to the southern portion of Wahoo. At present site 77 is classified as significant hazard.
- Multiple meetings have occurred between NRD, Olsson, NRCS, FWS to discuss Platte River depletions. NRCS, NRDs, FWS, and NeG&P have a programmatic agreement that relates to in-stream flows within the Platte River to protect T&E species. Under this agreement ANY project that could have depletion "calculated" at 25 ac/ft or more for the life of the project must have additional mitigation, or operational/designs to alleviate the depletion. New guidance requires incorporating first-time fill for all wet dam structures. We are developing a strategy to work with USGS stream gauges to determine when river levels are allowable to allow structures to fill and stay within FWS/G&P requirements for T&E species.

Olsson invoice and progress report is attached.

6.D.5.a.2. Real Estate - Olsson & Great Plains Appraisal

Danielle has started collecting title reports for the next series of easement acquisitions, and we are developing a plan to schedule out the order we feel will be most efficient. Current invoice attached.

The status for the three remaining sites:

Vanek: their attorney has requested new appraisals, and a commitment that Road P will remain open.

Fujan: has major concerns over noxious weeds (is thistle) and wants the NRD to extend the two year weed management (listed in purchase agreement) to ten years.

Snitily: Where the negotiations sit at this point, and the planned timeline we need for fall construction, it is time that we need to develop a plan.

6.D.5.a.3. Funding - NRCS WFPO & NeDNR JEDI

Our current WFPO agreement ends 9/30 and we will need to either file an extension (as previously done) or re-apply for a new agreement. Allen Gehring, NRCS state engineer, advises re-applying for a new contract agreement as this will allow for; more than one year extension, additional cost estimates to be included. The caveat with filing a new application would be a 30-45 day "dead period" that would not allow for any WFPO reimbursements. This would require any Olsson design work (covered under WFPO) to be:

1. Paused during the transition period. This option is not preferred with our planned bidding period for first three sites.
2. Any incurred costs to be covered by JEDI funds, which is allowable under our JEDI agreement.

6.D.5.b. Water Quality - NWQI & 319

Paperwork for our new WHP/NWQI position was submitted. We are still hopeful to have an agreement ready for Board meeting. Drew is working on updating the Watershed Management Plan that will make this area eligible for 319 funding. 319 funding will compliment the new position and NRCS cost share programs.

6.D.6. LOWER PLATTE RIVER CORRIDOR ALLIANCE

6.D.6.a. Management Plan Update

The Watershed Management Plan was updated and submitted to NDEE and EPA for approval. The 2024-2029 update is attached for Board approval with plans to approve at the next Coordinator Alliance meeting (?May 29th?).

6.D.6.b. Trend Analysis

Trend analysis proposal is progressing with NDEE 319 program committing \$15,000. Total cost from November 2023 was \$148,100. USGS will contribute \$48,300. This leaves \$84,800 to be split over two years by remaining members: LPS, Papio, LPN, MUD, Lincoln Water, NeDNR, and NE G&P. UNL has not committed. With out UNL, this is \$6,057 over two fiscal years = \$12,114 total. Direction from committee is requested.

6.D.7. LESHARA DRAINAGE IMPROVEMENT

Phase I of the project finished up construction towards the end of March. The Village has secured CDBG funding for Phase II of the project. JEO is working on developing our agreement with the Village for Phase II. Jake Miriovsky with JEO plans to be at next months committee meeting to give an update. Several

pictures taken by Sean are attached.

6.D.8. HAZARD MITIGATION PLAN UPDATE

A kickoff meeting occurred on March 26th in the Board Room. Fifteen individuals attended including four County Emergency Managers, and representatives from Schuyler, Fremont, and North Bend. Materials are attached and a link to the project website: <https://www.jeo.com/lpnnrd-hmp>. Our next public meeting is scheduled for the afternoon of June 17th at the Lake Wanahoo Education Building.

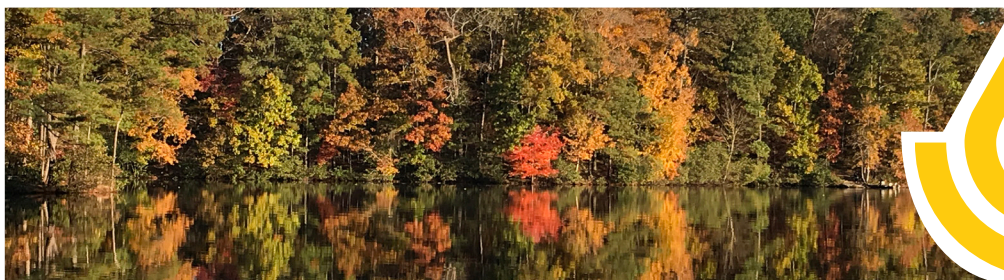
6.D.9. OTHER

7. Additional Action Items
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.

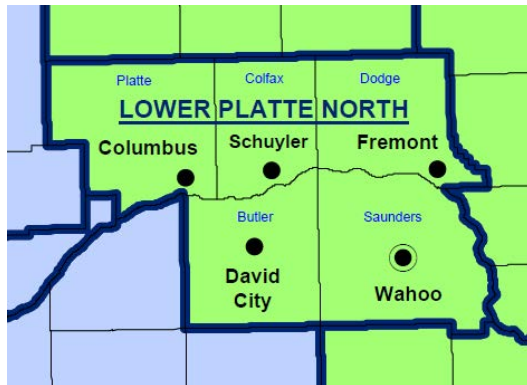
Conservation Update

Report to LPNNRD Manager
May, 2024



District Conservationist: Bryan Shupe

Wahoo: District Secretary - Marla Milliken
District Conservationist - Bryan Shupe
Resource Conservationist - Peyton Harsin
Soil Conservationist - Don Treptow
Natural Resource Spec. - Pearl Smith-Mayar
Civil Engineering Technician - Josh Charles
Pheasants Forever Biologist - Elli Sanders
NRD Technician - Adam Brockman
Area Easement Specialist - Patrick Lantis
Wetland Data Specialist (CTR) - Mindy Clark
ACES Contract - Mitch Keebler
Soil Conservationist Technician - VACANT
Student Intern - Nobel Nothstine



David City: District Secretary - Kim Piitz
Resource Conservationist - Ben Barlean
Soil Conservationist - VACANT

Fremont: District Secretary - Jessica Marty
Resource Conservationist - Mike Boardman
Soil Conservationist - Ryan Jenkins
Soil Conservationist Tech. - Ashley Keeler

Schuyler: District Secretary - Kris Miller
Resource Con - Jenna Kampschnieder
Natural Resources Spec. - Kaylea Bailey

Columbus: District Secretary - Jeri Rosno
Resource Conservationist - Chelsea Clark
Natural Resources Spec. - Nathan Kush

New Staff



Ashley Keeler
Soil Conservationist Technician
Fremont



Kaylea Bailey
Natural Resources Specialist
Schuyler



Nobel Nothstine
Student Intern
Wahoo

Ashley Keeler joins us at NRCS full time. She was the previous contract technician for the LPN administrative area for three years. She helps plan, lay out, and design structural practices like terraces and basins. Ashley and her family are from Mead. Her start date was April 8th, 2024.

Kaylea Bailey joined NRCS in the Schuyler Office on May 6th, 2024. She was the previous Inventory and Marketing Coordinator at Nebraska Harvest Center. Kaylea was born and raised in Schuyler and graduated from South Dakota State University with a Major in Agriculture Science in 2022.

Nobel Nothstine is a student at the University of Nebraska - Omaha where she majors in Environmental Science and plans to graduate in December 2024. Nobel was born and raised in Garretson, SD which is about 30 minutes northeast of Sioux Falls. Nobel started in the Wahoo office on April 8th, 2024.

Programs

All the offices have been working diligently planning, assessing, and preparing applications for federal contracts. They have done a fantastic job navigating challenges associated with overlapping deadlines. Jenna in Schuyler, Mike in Fremont, and Ben in David City have been focusing on CSP Classic applications. Don Treptow has also been assisting at the David City office with CSP.

On the week of April 29, 28 applications were selected for 2024 EQIP General. 18 applications were selected with statewide funds (AFO, Cropland BFR, Cropland CIC, OTI, Organic, Grassland BFR, SD, SWP, WIN, Urban/Small Scale). Six applications were selected with local NRD funds (3 Soil Erosion/Quality, 1 Water Depletion, 2 Grassland). Four applications were selected in Wahoo Creek NWQI.

Natural Resources Conservation Service



Training

All the planners in the NRD met for a compliance review training in Saunders County. NRCS conducts annual 5% compliance reviews for the Farm Service Agency. Jeremiah Schutz, ARC conducted the training and provided a refresher on how to review areas with concentrated flow, do residue measurements, calculate soil loss, and review for potential converted wetlands.

Natural Resource Specialists Pearl Smith-Mayar and Nathan Kush attended 'Conservation Planning - Part 2' training in Lexington the week of April 29th. They were able to get in the field with planners across the state and walk through the planning process, inventory resource concerns, and develop a conservation plan.

Thank You Partners and Producers

Your contributions and partnership are second to none and you are essential to our mission:
Helping People Help the Land

Manager's Report – May 13, 2024

- Just a reminder, our Spring/Summer board meeting schedule began last month. Tonight's meeting and board meetings through October will all begin at 6:00 pm.
- Staff continues to work with NRCS State office regarding our Cottonwood Creek site 21-A rehabilitation project. We are currently working through design alternatives for the structure and how they will impact both economics and neighboring landowners.
- Wanahoo Staff and I have been working with a Lincoln start-up business, Set-Your-Sites, to provide an online campsite reservation service for our Wanahoo walk-up patrons. We are in the process of beta testing this system and should be fully functional within a week or so. Campers will also be able to purchase park permits for their vehicles with this service. Our existing process of making payment with our envelopes and iron rangers or through the guard shack will remain an option.
- Staff is wrapping up Wahoo Creek land rights easements on the final parcels. The board will be discussing the particulars on the negotiations for these later in the meeting. Staff is also working closely with Nebraska NRCS, Olsson and the Fish and Wildlife Service on completing and submitting the biological assessment for the first three sites as well as the process to be followed by the remaining six. This assessment is one of the requirements for our USACE applications as Fish and Wildlife Service input is necessary for the project.
- I sit on the NARD benefits committee where we regularly meet to review and assist the direction of our NRD investments and health insurance program. We are currently reviewing RFP's to handle the administrative responsibilities of our health insurance program. Any potential change in service providers would not take effect until January 1, 2025. Our state-wide NRD health insurance pool is having another good year and rates for the 2025 fiscal year will be determined next week.
- I have been notified by our GIS/Grants Coordinator Drew Ten Bensel he has accepted a position with Upper Big Blue NRD as their new Engineering Technician. Drew has been a valuable asset during his time here at Lower Platte North and we wish him well in his professional career. You may remember Drew is from Seward, Nebraska and has a work history with Upper Big Blue. We will begin reviewing Drew's current position responsibilities and will begin advertising for a replacement very soon.
- As usual, our Clint Johannes Education Building is very busy this time of year as it continues to be heavily booked up to two years out. An estimated 600-800 visitors are expected per weekend during this busy graduation season and we continue to receive amazing feedback on our Wanahoo recreation facilities.

Stay safe and have a great month!

-Eric Gottschalk – General Manager, Lower Platte North NRD

LOWER PLATTE NORTH NRD MINUTES
BOARD MEETING
April 8, 2024

The regular monthly meeting of the Lower Platte North NRD Board of Directors was called to order at 6:00 p.m. at the Lower Platte North NRD Office, Wahoo NE on Monday, April 8, 2024.

1. NOTICE OF MEETING

The agenda and supporting documents are available on the district's website – www.lpnrd.org. A copy of the Nebraska Open Meetings Law has been posted on the NRD's website.

The advanced notice of our April 8, 2024, board meeting was posted on the Lower Platte North NRD website and posted in the Fremont Tribune on March 29, 2024.

Chair Thompson informed those present that a copy of the "Open Meetings Act" is posted for public viewing.

Pledge of Allegiance

2. ROLL CALL - INTRODUCTIONS

DIRECTORS PRESENT AND CONSTITUTING A QUORUM:

Bailey	Birkel	Engel
Goldsberry	Hilger	Johnson, Jerry
Kavan	Lawrence	Meduna
Sabatka	Saeger	Seier
Thompson		

DIRECTORS ABSENT

Johnson, Duane	McKnight (Zoom)	Olson
Saalfeld	Tonnies (Zoom)	Yosten

STAFF AND GUESTS:

Gottschalk	Breunig	Chapman
Heimann (Zoom)	Lausterer	Elliott
Andersen	ten Bensel	Allen, Danielle (Zoom)
Bush	French	Dennis Fujan
David Brodahl	Keith Johnson	PJ Crawford

3. APPROVAL OF AGENDA

4. COMMENTS - ADVISORS/GUESTS/DIRECTORS

a. Guest Comments

b. NRCS Report

Bryan Shupe monthly report was attached.

c. NARD Report

Bob Hilger gave the NARD report.

d. NRC Report - None

Mountford sent in his report and noted that there were 4 large project applications for the Water Sustainability Fund and 7 for small projects. There will be approximately \$11 million available for new

approval which will occur at the August Commission Meeting.

e. Manager Report

Manager Gottschalk gave his report.

f. Education Program

Drew ten Bensel, GIS Specialist presented interactive maps that are now available on the website.

5. APPROVAL OF MINUTES

Sabatka made the motion, seconded by Bailey, to approve the minutes from the March 11, 2024, and March 28, 2024, Special Board Meeting. Motion carried on consent agenda.

6. REPORT OF STANDING COMMITTEES

A. EXECUTIVE COMMITTEE REPORT

1. UNFINISHED BUSINESS - None

2. Meetings

a. Pending

1. GMDA Summer Meeting – Update Given

b. Reports – None

1. NARD Washington DC Annual Meeting – Update Given

3. Management Items

a. Director Absences - None

b. Monthly Education Program – Update Given

c. NARD 414(h) Retirement

Hilger made the motion, seconded by Seier, that Lower Platte North NRD increase both the employer and employee contribution by 1% to the 414(h)-retirement plan. Motion carried all members present voting aye.

d. New Office – Update Given

e. Potential Amphitheater Located on Wanahoo Property - Update Given

4. Equipment

a. FEMA 428 Equipment Purchase

Lawrence made the motion, seconded by Johnson, J., to purchase the FEMA approved equipment as listed totaling \$242,706.98 with 90% cost-share FEMA reimbursement of \$218,436.28. Motion carried all members present voting aye.

5. Personnel -None

6. Finance

a. Approval of Financial Reports

Sabatka made the motion, seconded by Bailey, to approve the February Financial Statements as attached to the Executive Committee Minutes. Motion carried on consent agenda.

b. Approval of Managers Expenses

Sabatka made the motion, seconded by Bailey, to approve Manager Gottschalk's time and expense sheets as attached to the Executive Committee Minutes. Motion carried on consent agenda.

c. Accounts Over 90 Days - Update Given

Sabatka made the motion, seconded by Bailey, that the April LPNNRD Executive Committee Minutes be received and placed on file. Motion carried on consent agenda.

B. OPERATIONS COMMITTEE REPORT

1. UNFINISHED BUSINESS – None

2. WILD NE AND OTHER PROGRAMS – Update Given

3. OPERATION AND MAINTENANCE & OTHER ITEMS

a. Rehabilitation of Cottonwood 21-A – NRCS – Update Given

b. Intersection Highway 77 and 109 Round-About – Update Given

c. Lower Platte Weed Management Interlocal agreement

Sabatka made the motion, seconded by Bailey, to approve the amendment to the second amended Interlocal Agreement between the LPS, LPN and Papio NRD's for the control of Phragmites using Unmanned Aerial Systems (Drones) for application. Motion carried on consent agenda.

d. Equipment for Sale – Update Given

e. Haying NRD Recreation Areas – Update Given

4. ROCK AND JETTY - None

5. LAKE WANAHOO

a. Lake Wanahoo Permit Sales - Update Given

b. Lake Wanahoo Camping Revenue – Update Given

c. Clint Johannes Education Building Rentals – Update Given

e. Potential Amphitheater Located on Wanahoo Property – Update Given

6. INFORMATION & EDUCATION

a. Information

1. Radio and Digital Ads – Update Given

2. Analytics – Update Given

3. County Fair Sponsorship

Sabatka made the motion, seconded by Bailey, to sponsor the Dodge County Fair and Saunders County Fair at the \$500 level. Motion carried on consent agenda.

b. Education – Update Given

1. Shell Creek Watershed Scholarship

Johnson, J., made the motion, seconded by Sabatka, to award \$1,000 scholarships to the following students: Hannah Ogan from Lakeview; Trenton Patzel and Christyan Anderson from Newman Grove.

Meduna moved to amend the motion, seconded by Birkel, to add an additional \$1,000 scholarship for Austin Wiese from Newman Grove. The amendment carried all members present voting aye.

The amended motion now reads: to award \$1,000 scholarships to the following students: Hannah Ogan from Lakeview; Trenton Patzel, Christyan Anderson, and Austin Wiese from Newman Grove. Motion carried all members present voting aye.

2. Past Events - Update Given

3. Future Events – Update Given

4. Spring Conservation Sensation – Update Given

7. RURAL WATER SYSTEMS

a. Colon – Update Given

b. Bruno – Update Given

c. Other - None

Sabatka, made the motion, seconded by Bailey, that the April LPNNRD Operations Committee Minutes be received and placed on file. Motion carried on consent agenda.

C. WATER COMMITTEE REPORT

1. UNFINISHED BUSINESS – UPDATE GIVEN

2. REGULATORY

a. GROUNDWATER MANGEMENT AREA

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

Sabatka made the motion, seconded by Birkel, to allow Randy Kavan to move his approved variance LPN-V-023-0599 from the SW¼ S14-T15N-R7E to SE¼-S14-T15N-R7E, Saunders County with no difference in approved acres. Motion carried.

AYE: Bailey, Birkel, Engel, Goldsberry, Hilger, Johnson J., Lawrence, Meduna, Sabatka, Saeger, Seier, Thompson

ABSTAIN: Kavan

2. Variance Requests in the Non-Hydrologically Connected Area (Normal Development Area) - None

3. Variance Requests in the Restricted Development Area – Update Given

4. Well Permit Program - Update Given

5. Inter-District Transfer of Groundwater

Birkel made the motion, seconded by Goldsberry, to adopt the policy for expansion of acres between LENRD and LPNNRD for transfer of Groundwater as attached to the Water Committee Minutes. Motion carried all members present voting aye.

An application from Lower Elkhorn was presented for Lee Comenzind, who owns a parcel of land in the NE1/4 S22-18N-R8E, Dodge County, located in LPNNRD. The well G-064422 is located in the NW S23-18N-8E, Dodge County, located in LENRD also owned by Lee. Keith Johnson wants to swing the pivot completely around on both tracts.

Hilger made the motion seconded by Meduna, to grant the Inter-District Transfer of Groundwater request from Lee Comenzind. Motion carried all members present voting aye.

6. Well Permit for Pond

Hilger made the motion, seconded by Birkel, to approve the well permit for the Curtis Corp for other use in filling a pond. Motion carried.

AYE: Bailey, Birkel, Goldsberry, Hilger, Johnson J., Kavan, Lawrence, Meduna, Saeger, Seier

NAY: Engel, Sabatka, Thompson

7. Cost-Share Programs – Update Given

8. LPNNRD Operator Certification – Update Given

9. Lower Platte River Basin Water Management Plan Coalition (LPRBC) Update Given

b. Chemigation – Update Given

c. Ground Water Energy Levels – Update Given

d. Nitrate Assessment Shell Creek

Hilger made the motion seconded by Lawrence, to approve the joint nitrate assessment project with Newman Grove and Platte Center for \$36,500 with Board Chair signature of the agreement with LRE. Motion carried all members present voting aye.

3. GROUND WATER PROGRAMS

a. Decommissioned Well Program

1. Well Estimates – Update Given

2. Plugged Wells

Sabatka made the motion, seconded by Bailey, to approve 4 well decommissioning payments to Mike Heldt for \$1,710; University of Nebraska for \$1414.50; with assistance from Shell Creek cost share Carol Goering for \$1,014.55 and Roger and Nancy Gehring for \$989.52. Motion carried on consent agenda.

b. LOWER PLATTE NORTH NRD GROUND WATER STUDIES

1. Phase Area Update - Update Given

Meduna made the motion, seconded by Engel, to approve paying invoices for \$26,000 in flow meter cost share for the following individuals: Betty Wachal - \$5,000; Joan Wachal - \$4,000; Jeff Wachal - \$2,000; Jack Seckman - \$1,000; Allen Svatora - \$2,000; Dan Bock - \$1,000; Maxine Jedlicka - \$1,000; Colleen Wachal - \$2,000; Jay Jedlicka - \$2,000; Todd Bailey - \$2,000; Jeremy Vanicek - \$1,000; Dennis Waak - \$1,000; and Connie Wachal - \$2,000. Motion carried all members present voting aye.

c. Variable Rate Nitrogen Demonstration Sites – Update Given

d. Lower Platte River Consortium – Update Given

e. Phoenix Database Support Plan

Sabatka made the motion, seconded by Bailey, to approve the invoice for the Silver Support Plan to the Phoenix Web Group for \$3,600 for the LPNNRD Database. Motion carried on consent agenda.

f. Monitoring Well Equipment – Update Given

4. SURFACE WATER PROGRAMS – Update Given

a. USGS Stream Flow Gauging Sites – Update Given

5. OTHER

a. Comments from the Public – None

Sabatka made the motion, seconded by Bailey, that the April LPNNRD Water Committee Minutes be received and placed on file. Motion carried on consent agenda.

D. PROJECTS COMMITTEE REPORT

1. UNFINISHED BUSINESS – NONE

2. SWCP

a. Applications Approvals

Sabatka made the motion, seconded by Bailey, to approve the four listed tree planting cost-share applications totaling \$5,919.67. Motion carried on consent agenda.

b. SWCP Payments

Sabatka made the motion, seconded by Bailey, to approve \$5,875 Lands for Conservation payment to Carol and Dorothy Peterson Trust for work completed. Motion carried on consent agenda.

c. SWCP Cancellations – None

d. Wahoo Creek Cost-Share Approvals – None

3. JOINT WATER MANAGEMENT ADVISORY BOARD

a. East Fremont/Elkhorn Township Drainage – FEMA – HMPG – Update Given

b. West Fremont – FEMA – BRIC – Update Given

c. Rawhide Creek Watershed – Update Given

d. North Bend Drainage District - Update Given

e. Cotterell Diking and Drainage District - Update

4. SHELL CREEK WATERSHEDS

a. Shell Creek Implementation – 319 and NET

Bailey made the motion, seconded by Johnson J., to authorize Chairman Thomspson to sign an Amendment to Interlocal Agreement with Colfax County for the Shell Creek Benching Project. Motion carried all members present voting aye.

Sabatka made the motion, seconded by Bailey, to approve Newman Grove 2024 SCWIG testing supplies at an estimated cost of \$555.45. Motion carried on consent agenda.

Sabatka made the motion, seconded by Bailey, to purchase 20 - 24"x36" realtor style signs from Cornhusker State Industries at \$109.10 per sign by utilizing grant funds. Motion carried on consent agenda.

5. WAHOO CREEK WATERSHED

a. Dam Site Planning Update – Update Given

1. Olsson Design Update and Invoice – Update Given

2. Real Estate – Olsson and Great Plains Appraisal

Lawrence made the motion, seconded by Bailey, that we go into Executive Session at 7:55 p.m. for the purpose of discussing Upper Wahoo Creek Watershed land rights and authorize the following to stay: Danielle Allen (Zoom), Legal Counsel Lausterer, Gottschalk, Chapman, Elliott and Breunig. Motion carried all members present voting aye.

Birkel made the motion, seconded by Meduna, that we come out of Executive Session at 8:25 p.m. Motion carried all members present voting aye.

Bailey made the motion, seconded by Lawrence, to authorize Chair Thompson to sign a purchase agreement with Mark and Linda Kasper, John Kasper for easements on Wahoo Creek Site 26a and 26b with the purchase price to be determined upon guidance from Legal Counsel.

It was further recommended to authorize Chair Thompson to sign a purchase agreement with Robert Kubik for an easement on Wahoo Creek Site 26a.

It was further recommended to authorize Chair Thompson to sign a purchase agreement with Jesse Pokorny, Theodore and Cathleen Pokorny for an easement on Wahoo Creek site 27 with purchase

price determined upon guidance from Legal Counsel and including condition of three strand fence replacement as highlighted on easement exhibit map.

It was further recommended to authorize Chair Thompsom to sign a purchase agreement with Bryan Bartek for easement on Wahoo Creek Site 26b with purchase price determined upon guidance from Legal Counsel and including condition to meet septic system and outbuilding impacts as highlighted on easement exhibits.

Motions carried.

AYE: Bailey, Birkel, Engel, Goldsberry, Johnson J., Kavan, Lawrence, Meduna, Sabatka, Saeger, Seier, Thompson

ABSTAIN: Hilger

3. Funding NRCS WFPO & NeDNR JEDI – Update Given

b. Water Quality – NWQI & 319 – Update Given

6. LESHARA DRAINAGE IMPROVEMENT – Update Given

7. HAZARD MITIGATION PLAN UPDATE – Update Given

8. OTHER

Sabatka made the motion, seconded by Bailey, to renew the Nebraska Loess Hills RC&D Membership at \$350. Motion carried on consent agenda.

Sabatka made the motion, seconded by Bailey, that the April LPNNRD Projects Committee Minutes be received and placed on file. Motion carried on consent agenda.

7. ADDITIONAL ACTION ITEMS – NONE

7a. Municipal Well Permit

Bailey made the motion, seconded by Engel, to approve the Municipal well permit for the Schuyler Department of Utilities located in the NE¼-SE¼-10-17-3 Colfax County. Motion carried all members present voting aye.

7b. Employee Leave Discussion – Update Given

8. BILLS TO BE APPROVED

Saeger made the motion, seconded by Johnson J., that all bills be approved, and warrants be drawn in payment of the same. Motion carried all members present voting aye.

9. CONSENT AGENDA ADOPTION

Sabatka made the motion, seconded by Bailey, to approve the April Consent Agenda. Motion carried all members present voting aye.

10. COMMENTS FROM DIRECTORS/GUESTS

11. MEETING ESTABLISHMENT AND ADJOURNMENT

The May Board of Directors Meeting will be held on Monday, May 13, 2024, 6:00 p.m. Meeting adjourned at 8:45 p.m.

Discussion on all agenda items that have "Update Given" can be found in corresponding Committee Minutes.

The undersigned, the duly elected and acting Secretary of the Lower Platte North Natural Resources District (the "District"), hereby certifies that the foregoing is a true and correct copy of the minutes of the Meeting of the Board of Directors of the District held on April 8, 2024, that all of the matters and subjects discussed at the meeting were contained in the agenda for the meeting, kept continually current and readily available for public inspection at the principal office of the District during normal business hours, and except for items of emergency nature, the agenda was not altered later than twenty-four (24) hours before the scheduled commencement of the meeting; that at least one copy of all reproducible material discussed at the meeting was available at the meeting for examination and copying by members of the public; that the above minutes were in written form and available for public inspection within ten working days or prior to the next convened meeting, whichever occurred earlier; and, that reasonable efforts were made to provide all news media requesting notification of the meeting and of the time and place of said meeting and the subjects to be discussed at said meeting.

Robert Meduna Jr., Secretary



8100 S. 15th St., Ste B
Lincoln, NE 68512
www.nrdnet.org
nard@nrdnet.org
402.471.7670

Protecting Lives • Protecting Property • Protecting the Future



To: NRD Board of Directors, Staff and Conservation Partners
From: Nebraska Association of Resources Districts (NARD)
Re: NRD Basin Tour | June 10-11, 2024
Date: April 5, 2024

The NARD, in partnership with the Upper Republican, Middle Republican, Lower Republican, and Tri-Basin NRDs, is excited to announce that registration is open for the 2024 NRD Basin Tour. The tour will be based out of McCook on Monday and Tuesday, June 10th-11th.

Join us as staff and directors from the Republican Basin NRDs lead us on a two-day tour that will highlight several projects across the region that work to protect the state's natural resources.

Below is a condensed version of the tentative two-day agenda:

Monday, June 10th

12:00 p.m. –The bus will be departing from the Holiday Inn Express 711 US-83, McCook, NE. Lunch will be provided at the first stop.

Monday's portion of the tour will include travel west and highlight programs and projects across the URNRD. Additionally, attendees will be provided with a on bus guided tour of the construction of Blackshirt Feeders, a state-of-the-art feedlot planned to be the largest in the state of Nebraska at 150,000 head. Dinner at the Coppermill Steakhouse in McCook will then be provided prior to returning to the hotel. All expenses are included in your registration fee.

Tuesday, June 11th

8:00 a.m. - Following breakfast at the hotel, the bus will depart for Nebraska Cooperative Republican Platte Enhancement project (NCORPE) and stops across the MRNRD. Additionally, TBNRD and LRNRD staff will provide an overview of programs and projects underway across their districts. Lunch will be included, and the bus will return all attendees to the hotel no later than 3:30 p.m. (CDT).

Monday and Tuesday Tour Highlights

- Blackshirt Feeders Feedlot
- Rock Creek Fish Hatchery
- Rock Creek Augmentation
- AEM Data Collection
- NCORPE Project
- Platte Republican Diversion Update
- Watershed Dam Management
- Canal Diversions

Registration Deadline

To guarantee a spot on the bus, return the attached registration to the NARD office before May 17th.

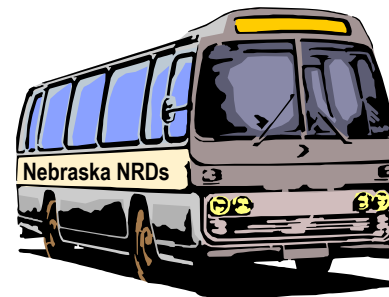
Seating and hotel rooms are limited; register soon to guarantee a spot.

Registration will cover all meals and activities, motor coach expenses and Monday night lodging (NARD will make reservations for overnight lodging). If you are arriving early and would like a room on Sunday night, reservations need to be made through NARD as well. Use the basin tour registration form to reserve an extra night's stay (Sunday evening).

Registration Form

Annual Basin Tour – Republican River. June 10-11, 2024.

Registration deadline is Friday, May 17th. Cancellations received after May 24th are non-refundable.



Basin Tour registration fee will include the following:

- Monday, June 10th: Lunch, conservation tour, snacks, beverages, activities, evening group dinner and lodging at Holiday Inn Express, McCook.
- Tuesday, June 11th: Breakfast at the hotel, conservation tour, lunch, snacks, and beverages.

Registration options:

- Registration - with single room occupancy - \$ 405 per person.
- Registration - with double room occupancy - \$ 345 per person.
- Registration – with NO HOTEL accommodation – \$ 285 per person. If you live in the area and can drive home Monday evening, use this option to register for the tour.

For those arriving on Sunday for the NARD board meeting, or for the Basin Tour, you must reserve your Sunday night lodging with NARD. Use this form to add Sunday lodging. This is an extra fee, not included with basin tour registration.

NRD: _____

Name: _____ Title: _____

Name: _____ Title: _____

Name: _____ Title: _____

Name: _____ Title: _____

Name: _____ Title: _____

Name: _____ Title: _____

Extra Sunday night
Lodging at Holiday Inn - \$ 125
(not included in Basin Tour registration)

Extra Sunday night – June 11

Extra Sunday night – June 11

Extra Sunday night – June 11

Extra Sunday night – June 11

Extra Sunday night – June 11

Extra Sunday night – June 11

Basin Tour Registration.
Circle single or double
occupancy (for each person
registering)

Basin Tour Reg – Single/Double

Basin Tour Reg – Single/Double

Basin Tour Reg – Single/Double

Basin Tour Reg – Single/Double

Basin Tour Reg – Single/Double

Basin Tour Reg – Single/Double

List any special needs: _____

Tour registration cost per person:

Extra Sunday night, June 9th lodging at Holiday Inn. Number of rooms needed - _____ x \$ 125 = _____

Basin Tour Registration = Single room occupancy. Number of registrations - _____ x \$ 405 = _____

Basin Tour Registration = Double room occupancy. Number of registrations - _____ x \$ 345 = _____

Basin Tour Registration = NO HOTEL accommodation. Number of registrations - _____ x \$ 285 = _____

Total submitted = _____

Submit payment and registration to: NARD, 8100 So. 15th St., Ste B, Lincoln, NE 68512. **Register prior to May 17th (cancellations are non-refundable after May 24th).**

REQUEST FOR EXCUSE OF
ABSENCE FROM MEETING
(LB 569, 1985 LEGISLATURE)

Chairman, Board of Directors
Lower Platte North NRD
PO Box 126
Wahoo, NE 68066

I hereby request that the Board of Directors excuse my
absence at the Regular Meeting of the Board scheduled on
8th day of April, 2024, for
the following reason:

Family vacation to the Ozarks to see
the solar eclipse

Dated this 15th day of Feb, 2024.

Andrew Lewis
Board Member
Lower Platte North NRD

REQUEST FOR EXCUSE OF
ABSENCE FROM MEETING
(LB 569, 1985 LEGISLATURE)

Chairman, Board of Directors
Lower Platte North NRD
PO Box 126
Wahoo, NE 68066

I hereby request that the Board of Directors excuse my
absence at the Regular Meeting of the Board scheduled on
8th day of April, 2024, for
the following reason:

fishing in North Carolina

Dated this 24th day of April, 2024.

[Signature]

Board Member
Lower Platte North NRD

REQUEST FOR EXCUSE OF
ABSENCE FROM MEETING
(LB 569, 1985 LEGISLATURE)

Chairman, Board of Directors
Lower Platte North NRD
PO Box 126
Wahoo, NE 68066

I hereby request that the Board of Directors excuse my
absence at the Regular Meeting of the Board scheduled on
8th day of April, 2024, for
the following reason:

In plence with my sister for her
surgery

Dated this 1 day of May 2024.

Shuan Johnson
Board Member
Lower Platte North NRD

9/4/2024

REQUEST FOR EXCUSE OF
ABSENCE FROM MEETING
(LB 569, 1985 LEGISLATURE)

Chairman, Board of Directors
Lower Platte North NRD
PO Box 126
Wahoo, NE 68066

I hereby request that the Board of Directors excuse my
absence at the Regular Meeting of the Board scheduled on
8 day of April, 2024, for
the following reason:

Zoom
out of town - grandchildren
for Eclipse

Dated this 1 day of May, 2024.

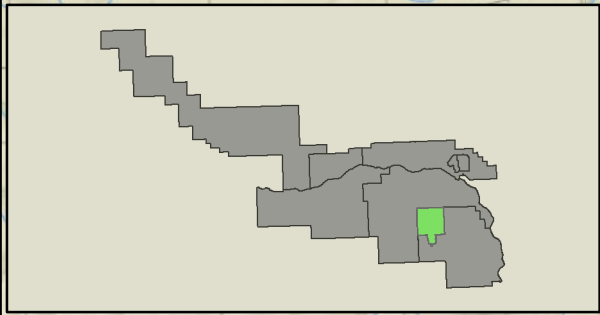
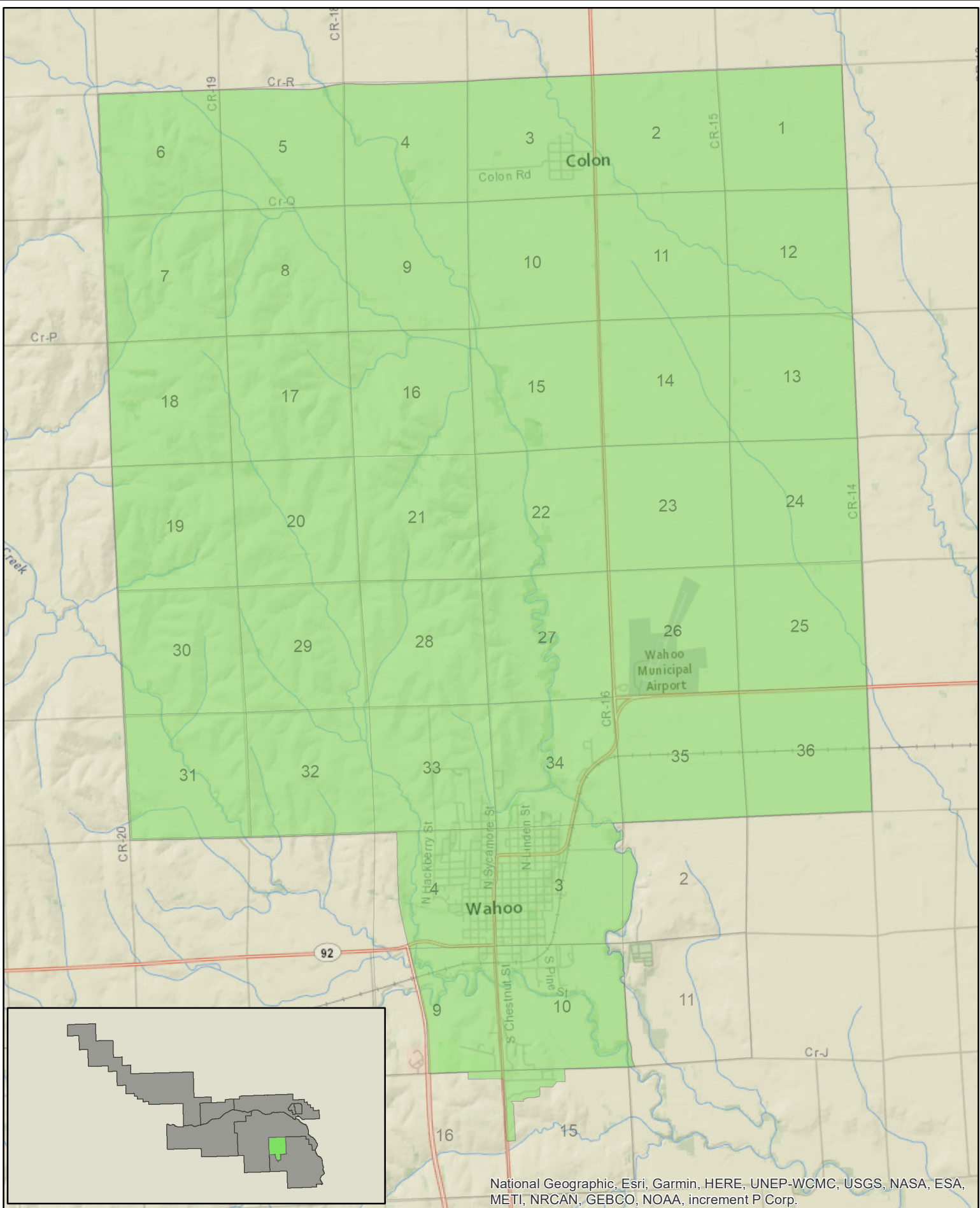
J. A. Abbott
Board Member
Lower Platte North NRD

Jill Breunig

From: Alex Kavan <alexkavan@yahoo.com> on behalf of Alex Kavan
Sent: Tuesday, April 30, 2024 6:45 PM
To: Jill Breunig
Subject: Resignation

As most of you know, my family and I have been blessed with the opportunity to move out of Wahoo to my grandfather's farm near Colon. Unfortunately, this is outside of the subdistrict that I currently represent for the Lower Platte North Resource District. This is the formal resignation of my seat as a director. I am thankful for the knowledge I have gained about the NRD system, and the people I have had the pleasure of working with. As a producer within the district, I am certain that I will cross paths with staff/directors again in the future. Thank You.

Alex Kavan
(402) 620-5739



National Geographic, Esri, Garmin, HERE, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, increment P Corp.

- Subdistrict 8
- Other Districts

LPNNRD Subdistrict Eight

Map shows LPNNRD Subdistrict Boundaries as derived from Census 2020 Blocks



Financial Statements and Accountant's Compilation Report

Lower Platte North Natural Resources District

March 31, 2024

HBE
HBE

CPAs & Consultants | Wealth Management





CPAs & Consultants | Wealth Management



ACCOUNTANT'S COMPILATION REPORT

The Board of Directors
Lower Platte North Natural Resources District
Wahoo, Nebraska

Management is responsible for the accompanying financial statements of the Lower Platte North Natural Resources District, which comprise the Statements of Net Position as of March 31, 2024, and the related Statements of Activities for the month and nine months then ended in accordance with accounting principles generally accepted in the United States of America. We have performed a compilation engagement in accordance with Statements on Standards for Accounting and Review Services promulgated by the Accounting and Review Services Committee of the AICPA. We did not audit or review the financial statements, nor were we required to perform any procedures to verify the accuracy or the completeness of the information provided by management. We do not express an opinion, a conclusion, nor provide any form of assurance on these financial statements.

Management has elected to omit substantially all of the disclosures and statements of cash flows required by accounting principles generally accepted in the United States of America. If the omitted disclosures were included in the financial statements, they might influence the user's conclusions about the Organization's financial position, results of operations, and cash flows. Accordingly, the financial statements are not designed for those who are not informed about such matters.

The accompanying Statements of Activities – Actual vs. Budget are presented for purposes of additional analysis and is not a required part of the basic financial statements. Such information is the responsibility of management. The supplemental information, except the budget information, was subject to our compilation engagement. We have not audited or reviewed the supplementary information and do not express an opinion, a conclusion, nor provide any assurance on such information. The budget information presented in the Actual vs. Budget is of a nonaccounting nature and has not been subjected to our compilation engagement.

We are not independent with respect to the Lower Platte North Natural Resources District.

HBE LLP

Lincoln, Nebraska

May 3, 2024

7140 Stephanie Lane | P.O. Box 23110 | Lincoln, NE | 68542-3110 | p: 402.423.4343 | f: 402.423.4346

1314 Andrews Drive | Norfolk, NE | 68701 | p: 402.379.9294 | f: 402.379.2338

1121 North 102nd Court | Suite 100 | Omaha, NE | 68114 | p: 402.895.5050 | f: 402.895.5723

Lower Platte North NRD Statements of Net Position

	Natural Resources District As of 03/31/2024	Rural Water-Bruno As of 03/31/2024	Rural Water-Colon As of 03/31/2024	All Districts As of 03/31/2024
Assets				
Current Assets				
Cash and Cash Equivalents				
101000 - Change Box	0.00	60.00	90.00	150.00
101200 - Change Box - Game & Parks	150.00	0.00	0.00	150.00
101300 - Change Box - Lake Wanahoo	700.00	0.00	0.00	700.00
102001 - Cash - Union Bank	149,826.43	0.00	0.00	149,826.43
103000 - Cash - County Treasurer	187,228.18	0.00	0.00	187,228.18
104000 - Cash - Education Building Res.	10,960.00	0.00	0.00	10,960.00
111100 - Investments - NRD - NPAIT	2,512.14	0.00	0.00	2,512.14
111105 - Union Bank STFIT	5,101,791.74	0.00	0.00	5,101,791.74
Total Cash and Cash Equivalents	5,453,168.49	60.00	90.00	5,453,318.49
Accounts Receivable, Net				
Accounts Receivable				
105000 - Accounts Receivable	1,398,497.27	5,618.35	6,601.40	1,410,717.02
105060 - Due from Bruno Water Fund	201,216.42	0.00	0.00	201,216.42
105070 - Due from Colon Water Fund	13,747.43	0.00	0.00	13,747.43
109000 - Taxes Receivable	2,518,311.75	0.00	0.00	2,518,311.75
Total Accounts Receivable	4,131,772.87	5,618.35	6,601.40	4,143,992.62
Total Accounts Receivable, Net	4,131,772.87	5,618.35	6,601.40	4,143,992.62
Inventory				
165503 - Rural Water Inventory	0.00	6,579.89	9,869.84	16,449.73
Total Inventory	0.00	6,579.89	9,869.84	16,449.73
Prepaid Expenses				
116000 - Prepaid Expenses	99,600.12	0.00	0.00	99,600.12
Total Prepaid Expenses	99,600.12	0.00	0.00	99,600.12
Other Current Assets				
111225 - Investments - Borrow Fund - NPAIT	113,953.01	0.00	0.00	113,953.01
111250 - Investments - Alliance GIS Project	8,171.81	0.00	0.00	8,171.81
111450 - Investments - Elkhorn River Breakout	77,011.78	0.00	0.00	77,011.78
111550 - Investments - Elkhorn Breakout	63,417.22	0.00	0.00	63,417.22
111600 - Investments - Wanahoo SRA	570,915.66	0.00	0.00	570,915.66
111650 - Investments - Colon Reserve NPAIT	0.00	0.00	9,180.74	9,180.74
Total Other Current Assets	833,469.48	0.00	9,180.74	842,650.22
Total Current Assets	10,518,010.96	12,258.24	25,741.98	10,556,011.18
Fixed Assets, Net of Depreciation				
Fixed Assets				
140210 - Water Line Capital Improvement	0.00	726,156.51	1,180,075.05	1,906,231.56
140226 - Colon Water Loan Fees	0.00	0.00	2,000.00	2,000.00
160000 - Conservation Property	123,971.00	0.00	0.00	123,971.00
161000 - Land	10,123,321.58	0.00	0.00	10,123,321.58
162000 - Infrastructure	29,310,981.42	0.00	0.00	29,310,981.42
162500 - Land Improvements	623,922.90	0.00	0.00	623,922.90
163000 - Buildings	1,373,613.89	0.00	0.00	1,373,613.89
165000 - Machinery & Equipment	222,848.45	0.00	0.00	222,848.45
165100 - Machinery & Equipment - O & M	391,325.50	0.00	0.00	391,325.50
165200 - Machinery & Equipment - Water	333,315.87	0.00	0.00	333,315.87
165300 - Machinery & Equipment - Projects	87,917.52	0.00	0.00	87,917.52
165400 - Machinery & Equipment - I & E	2,628.66	0.00	0.00	2,628.66
165505 - Rural Water Equipment	0.00	17,997.98	26,996.98	44,994.96
165507 - Lake Wanahoo Equipment	13,711.14	0.00	0.00	13,711.14
167000 - Auto and Truck	354,605.97	0.00	0.00	354,605.97
169000 - Equipment	15,057.27	0.00	0.00	15,057.27
169100 - Office Equipment	20,031.58	0.00	0.00	20,031.58
169200 - Computer Equipment	72,406.27	0.00	0.00	72,406.27

See Accountant's Compilation Report

Lower Platte North NRD Statements of Net Position

	Natural Resources District As of 03/31/2024	Rural Water-Bruno As of 03/31/2024	Rural Water-Colon As of 03/31/2024	All Districts As of 03/31/2024
169300 - GIS Equipment	13,422.53	0.00	0.00	13,422.53
169400 - Director's Computers	2,903.67	0.00	0.00	2,903.67
169500 - Master Data Base Water	332,795.00	0.00	0.00	332,795.00
169700 - GW Monitoring Equipment	118,381.55	0.00	0.00	118,381.55
Total Fixed Assets	43,537,161.77	744,154.49	1,209,072.03	45,490,388.29
Accumulated Depreciation				
140228 - Accum Depr - Colon Loan Fees	0.00	0.00	791.74	791.74
162900 - Accum Depr - Infra. & Land Imp.	4,469,263.00	0.00	0.00	4,469,263.00
164000 - Accum Depr - Buildings	560,921.04	0.00	0.00	560,921.04
165700 - Accum Depr - Water Line	0.00	147,482.10	279,493.27	426,975.37
166000 - Accum Depr - Machinery & Equipment	603,697.14	16,198.16	24,297.06	644,192.36
168000 - Accum Depr - Auto & Truck	237,875.46	0.00	0.00	237,875.46
169550 - Accum Depr - Master DB Water	107,487.27	0.00	0.00	107,487.27
170000 - Accum Depr - Office Equipment	101,816.77	0.00	0.00	101,816.77
Total Accumulated Depreciation	6,081,060.68	163,680.26	304,582.07	6,549,323.01
Total Property and Equipment	37,456,101.09	580,474.23	904,489.96	38,941,065.28
Total Assets	\$ 47,974,112.05	\$ 592,732.47	\$ 930,231.94	\$ 49,497,076.46
Liabilities and Fund Balance				
Liabilities				
Current Liabilities				
Accounts Payable				
201000 - Accounts Payable	159,284.10	2,619.60	2,346.28	164,249.98
201100 - Sewer Collections Payable	0.00	0.00	7,818.50	7,818.50
202060 - Due to General Fund	0.00	201,216.42	13,747.43	214,963.85
Total Accounts Payable	159,284.10	203,836.02	23,912.21	387,032.33
Accrued Liabilities				
200700 - Colon RW Accrued Interest	0.00	0.00	513.12	513.12
206001 - Accrued Compensated Absences	219,816.19	2,728.71	4,093.07	226,637.97
207305 - Lodging Tax Czechland	16.50	0.00	0.00	16.50
207306 - Sales Tax Payable Wanahoo	393.83	0.00	0.00	393.83
207307 - Lodging Tax Wanahoo	358.03	0.00	0.00	358.03
Total Accrued Liabilities	220,584.55	2,728.71	4,606.19	227,919.45
Other Current Liabilities				
204000 - Deposits	0.00	400.00	2,900.00	3,300.00
204500 - Deferred Income	15,800.63	0.00	0.00	15,800.63
204600 - Education Building Deposits	10,960.00	0.00	0.00	10,960.00
207300 - Sales Tax Payable	441.35	117.52	151.89	710.76
207304 - Sales Tax Payable Czechland	17.61	0.00	0.00	17.61
231000 - Permits Liability - DEE	383.00	0.00	0.00	383.00
Total Other Current Liabilities	27,602.59	517.52	3,051.89	31,172.00
Total Current Liabilities	407,471.24	207,082.25	31,570.29	646,123.78
Long Term Liabilities				
Note Payable - Long Term				
200600 - Note Payable - Colon Rural Water	0.00	0.00	23,679.57	23,679.57
Total Long Term Note Payable	0.00	0.00	23,679.57	23,679.57
Total Long Term Liabilities	0.00	0.00	23,679.57	23,679.57
Total Liabilities	407,471.24	207,082.25	55,249.86	669,803.35
Fund Balances				

See Accountant's Compilation Report

**Lower Platte North NRD
Statements of Net Position**

	Natural Resources District As of 03/31/2024	Rural Water-Bruno As of 03/31/2024	Rural Water-Colon As of 03/31/2024	All Districts As of 03/31/2024
Net Assets	<u>44,362,719.33</u>	<u>387,462.89</u>	<u>873,465.94</u>	<u>45,623,648.16</u>
Change in Net Position	3,203,921.48	(1,812.67)	1,516.14	3,203,624.95
Total Fund Balances	<u>47,566,640.81</u>	<u>385,650.22</u>	<u>874,982.08</u>	<u>48,827,273.11</u>
Total Liabilities and Fund Balance	<u>\$ 47,974,112.05</u>	<u>\$ 592,732.47</u>	<u>\$ 930,231.94</u>	<u>\$ 49,497,076.46</u>

**Lower Platte North NRD
Statements of Activities
For the Month Ended**

	Natural Resources District Month Ending 03/31/2024	Rural Water-Bruno Month Ending 03/31/2024	Rural Water-Colon Month Ending 03/31/2024	All Districts Month Ending 03/31/2024
Income				
Federal Income				
303206 - Wahoo Creek 319 Grant	0.00	0.00	0.00	0.00
303207 - Shell Creek 319 Grant	19,161.73	0.00	0.00	19,161.73
303209 - Shell Creek Phase II 319 - NDEE	0.00	0.00	0.00	0.00
303210 - Shell Creek Phase II - 319 DEQ	0.00	0.00	0.00	0.00
303225 - Wahoo Creek WS PL566	10,027.92	0.00	0.00	10,027.92
303250 - Water Smart Grant	0.00	0.00	0.00	0.00
303400 - Sand and Duck 319	0.00	0.00	0.00	0.00
303475 - Cottonwood 319	0.00	0.00	0.00	0.00
303960 - Hazard Mitigation - Federal	0.00	0.00	0.00	0.00
303961 - FEMA - Flood Funds	0.00	0.00	0.00	0.00
303966 - FEMA - Hazard Mitigation Plan Update	0.00	0.00	0.00	0.00
303962 - NEMA - Flood Funds	0.00	0.00	0.00	0.00
303963 - FEMA - 428 Funds	0.00	0.00	0.00	0.00
303964 - Federal - NRCS	16,514.26	0.00	0.00	16,514.26
303965 - Federal Wanahoo - Stilling	0.00	0.00	0.00	0.00
Total Federal Income	\$ 45,703.91	\$ 0.00	\$ 0.00	\$ 45,703.91
State Income				
301203 - Motor Vehicle Pro-Rate	3,300.98	0.00	0.00	3,300.98
301325 - JEDI Funding	494,909.44	0.00	0.00	494,909.44
Total State Income	498,210.42	0.00	0.00	498,210.42
Local Income				
304105 - Education Building Rent	1,265.00	0.00	0.00	1,265.00
304112 - Dirt Sales - Wanahoo	510.16	0.00	0.00	510.16
Total Local Income	1,775.16	0.00	0.00	1,775.16
Rural Water Income				
304240 - Water Sales	0.00	3,746.00	3,953.35	7,699.35
304295 - Colon Sewer Fees	0.00	0.00	2,633.60	2,633.60
304261 - Other Revenue	0.00	3.11	110.43	113.54
Total Rural Water Income	0.00	3,749.11	6,697.38	10,446.49
Property Tax Income				
305100 - General Fund Property Taxes-Boone	425.50	0.00	0.00	425.50
305200 - General Fund Property Taxes-Butler	610.44	0.00	0.00	610.44
305300 - General Fund Property Taxes-Colfax	427.38	0.00	0.00	427.38
305400 - General Fund Property Taxes-Dodge	3,011.38	0.00	0.00	3,011.38
305500 - General Fund Property Taxes-Madison	52.82	0.00	0.00	52.82
305600 - General Fund Property Taxes-Platte	454.79	0.00	0.00	454.79
305700 - General Fund Property Taxes-Saunders	3,509.33	0.00	0.00	3,509.33
Total Property Tax Income	8,491.64	0.00	0.00	8,491.64
Investment Income				
311350 - Interest - NPAIT Elkhorn	283.95	0.00	0.00	283.95
311400 - Interest - NPAIT Wanahoo SRA	2,555.91	0.00	0.00	2,555.91
311500 - Interest - NPAIT NRD	11.16	0.00	0.00	11.16
311600 - Interest - STFIT NRD	21,830.30	0.00	0.00	21,830.30
311700 - Interest - UBT NRD	74.24	0.00	0.00	74.24
304350 - Colon RW Interest - NPAIT	0.00	0.00	41.15	41.15
Total Investment Income	24,755.56	0.00	41.15	24,796.71
Miscellaneous Income				
309350 - Sales - Well Permits	300.00	0.00	0.00	300.00
309400 - Sales - Other	150.00	0.00	0.00	150.00
309500 - Equipment Rent	624.75	0.00	0.00	624.75
310000 - Chemigation Permits	5,467.00	0.00	0.00	5,467.00
310200 - Czechland Camping Fees	179.54	0.00	0.00	179.54
310201 - Wanahoo Park Permits	3,432.50	0.00	0.00	3,432.50
310202 - Lake Wanahoo Camping	6,630.14	0.00	0.00	6,630.14
313000 - Miscellaneous Income	1,145.45	0.00	0.00	1,145.45
315000 - RWD Administrative Fees	384.97	0.00	0.00	384.97
316000 - Employee/Director Reimb	196.35	0.00	0.00	196.35
317000 - Loss Or Gain On Sale Of Assets	45,957.13	0.00	0.00	45,957.13
Total Miscellaneous Income	64,467.83	0.00	0.00	64,467.83
Total Income	643,404.52	3,749.11	6,738.53	653,892.16

Expenses
Administration Expenses

See Accountant's Compilation Report

**Lower Platte North NRD
Statements of Activities
For the Month Ended**

	Natural Resources District Month Ending 03/31/2024	Rural Water-Bruno Month Ending 03/31/2024	Rural Water-Colon Month Ending 03/31/2024	All Districts Month Ending 03/31/2024
Dues & Membership				
410202 - Dues & Membership - NACD	148.00	0.00	0.00	148.00
410203 - Dues - NARD	2,714.66	0.00	0.00	2,714.66
410205 - Dues & Membership - Other	100.00	0.00	0.00	100.00
Total Dues & Membership	2,962.66	0.00	0.00	2,962.66
Fees and Licenses				
410304 - NRD Union Bank Fees	44.92	0.00	0.00	44.92
Total Fees and Licenses	44.92	0.00	0.00	44.92
Insurance				
410501 - Insurance-Auto	949.42	0.00	0.00	949.42
410502 - Insurance-Errors & Omissions	538.08	0.00	0.00	538.08
410504 - Insurance-Liability	5,337.00	0.00	0.00	5,337.00
410505 - Insurance-Property	2,078.67	0.00	0.00	2,078.67
Total Insurance	8,903.17	0.00	0.00	8,903.17
Interest Expense				
410600 - Interest Expense	0.00	0.00	85.52	85.52
Total Interest Expense	0.00	0.00	85.52	85.52
Legal Notices				
410701 - Legal Notices	264.47	0.00	0.00	264.47
Total Legal Notices	264.47	0.00	0.00	264.47
Maintenance Contracts				
410800 - Maintenance Contracts	302.14	0.00	0.00	302.14
Total Maintenance Contracts	302.14	0.00	0.00	302.14
Office Supply & Expense				
410901 - Copier Supplies	76.99	0.00	0.00	76.99
410902 - Office Supplies & Equip	303.49	0.00	0.00	303.49
410906 - Office Expense - Other	78.43	0.00	0.00	78.43
Total Office Supply & Expense	458.91	0.00	0.00	458.91
Computer Supply & Expense				
411002 - Computer Consultant	398.00	0.00	0.00	398.00
411003 - Computer Repairs & Parts	76.60	0.00	0.00	76.60
411004 - Computer Software	391.01	0.00	0.00	391.01
411006 - Email	414.00	0.00	0.00	414.00
Total Computer Supply & Expense	1,279.61	0.00	0.00	1,279.61
Professional Services				
411301 - Prof Serv-Accounting	7,325.00	0.00	0.00	7,325.00
411304 - Prof Serv-Legal - General	1,314.50	0.00	0.00	1,314.50
411311 - Washington Expense	2,200.00	0.00	0.00	2,200.00
Total Professional Services	10,839.50	0.00	0.00	10,839.50
Rent Expense				
411400 - Rent Expense	530.22	0.00	0.00	530.22
Total Rent Expense	530.22	0.00	0.00	530.22
Telephone Expense				
411601 - Telephone - Cellular	967.90	0.00	0.00	967.90
411602 - Local Phone & Internet	787.09	0.00	0.00	787.09
Total Telephone Expense	1,754.99	0.00	0.00	1,754.99
Utilities				
411700 - Utilities Expense	757.10	0.00	0.00	757.10
Total Utilities	757.10	0.00	0.00	757.10
Total Administration Expenses	28,097.69	0.00	85.52	28,183.21
Information & Education Expenses				
Education				
420109 - Education Outreach	294.84	0.00	0.00	294.84
Total Education	294.84	0.00	0.00	294.84
Information				
420209 - Ktic Ad	217.00	0.00	0.00	217.00
420211 - E-Ads	140.00	0.00	0.00	140.00
420212 - TV Promotion	1,920.00	0.00	0.00	1,920.00
Total Information	2,277.00	0.00	0.00	2,277.00
Total Information & Education Expenses	2,571.84	0.00	0.00	2,571.84
Operation & Maintenance				
Auto and Truck				
430101 - Auto & Truck Gas	1,588.74	0.00	0.00	1,588.74
430102 - Auto & Truck R&M	633.54	0.00	0.00	633.54

**Lower Platte North NRD
Statements of Activities
For the Month Ended**

	Natural Resources District Month Ending 03/31/2024	Rural Water-Bruno Month Ending 03/31/2024	Rural Water-Colon Month Ending 03/31/2024	All Districts Month Ending 03/31/2024
Total Auto and Truck	2,222.28	0.00	0.00	2,222.28
Building Maintenance				
430202 - Office Cleaning	935.00	0.00	0.00	935.00
430203 - Garbage Maintenance	95.95	0.00	0.00	95.95
Total Building Maintenance	1,030.95	0.00	0.00	1,030.95
Operation and Maintenance				
430401 - Czechland & Homestead	121.53	0.00	0.00	121.53
430402 - Equipment Upkeep	4,058.62	0.00	0.00	4,058.62
430403 - Operation & Maintenance	57.48	0.00	0.00	57.48
430404 - Tree Supplies	157.50	0.00	0.00	157.50
430406 - Wanahoo Park Operation	17,725.97	0.00	0.00	17,725.97
430407 - Monitoring Wanahoo Dam	1,730.25	0.00	0.00	1,730.25
430408 - Wanahoo Rec Mgmt	1,523.10	0.00	0.00	1,523.10
430409 - Lake Wanahoo Education Building	2,223.47	0.00	0.00	2,223.47
Total Operation and Maintenance	27,597.92	0.00	0.00	27,597.92
Other				
430802 - Stock For Resale - Trees	183.20	0.00	0.00	183.20
430803 - Lower Platte Weed Mgmt Area	30,000.00	0.00	0.00	30,000.00
430804 - O&M One-Call Services	9.20	0.00	0.00	9.20
Total Other	30,192.40	0.00	0.00	30,192.40
Total Operation & Maintenance	61,043.55	0.00	0.00	61,043.55
Personnel Expenses				
Director Expense				
440101 - Director Meeting Expense	5,140.03	0.00	0.00	5,140.03
440102 - Director Mileage Expense	3,626.10	0.00	0.00	3,626.10
440104 - Computer Stipend	1,050.00	0.00	0.00	1,050.00
Total Director Expense	9,816.13	0.00	0.00	9,816.13
Employee Benefits				
440301 - Dental Insurance	1,681.83	0.00	0.00	1,681.83
440302 - Health Insurance	26,500.22	0.00	0.00	26,500.22
440303 - Retirement Benefit - 414H	8,072.57	0.00	0.00	8,072.57
440304 - Retirement Benefit - 457 Plan	1,650.94	0.00	0.00	1,650.94
440306 - Workmans Comp Benefit	889.08	0.00	0.00	889.08
440307 - Employee Benefits - Other	(139.67)	0.00	0.00	(139.67)
440309 - Flexible Spending Fee	20.00	0.00	0.00	20.00
Total Employee Benefits	38,674.97	0.00	0.00	38,674.97
Payroll Taxes				
440401 - FICA - ER	8,237.01	0.00	0.00	8,237.01
440402 - Medicare - ER	1,926.40	0.00	0.00	1,926.40
Total Payroll Taxes	10,163.41	0.00	0.00	10,163.41
Personnel Expense				
440501 - Personnel Meeting Exp	5,740.19	0.00	0.00	5,740.19
440502 - Personnel Mileage Exp	437.51	0.00	0.00	437.51
Total Personnel Expense	6,177.70	0.00	0.00	6,177.70
Salaries				
440601 - Salaries - Administration	28,465.05	0.00	0.00	28,465.05
440602 - Salaries - Clerical	3,387.06	0.00	0.00	3,387.06
440604 - Salaries - I & E	12,006.21	0.00	0.00	12,006.21
440605 - Salaries - Op & Maint	20,196.96	0.00	0.00	20,196.96
440606 - NRCS Support	23,008.74	0.00	0.00	23,008.74
440607 - Salaries - Projects	11,181.30	0.00	0.00	11,181.30
440608 - Salaries - Water	38,641.18	0.00	0.00	38,641.18
440616 - Lake Wanahoo Park Op.	5,158.38	0.00	0.00	5,158.38
Total Salaries	142,044.88	0.00	0.00	142,044.88
Total Personnel Expenses	206,877.09	0.00	0.00	206,877.09
Projects Expenses				
Other Projects				
450711 - Bailey Levee	27,179.05	0.00	0.00	27,179.05
Total Other Projects	27,179.05	0.00	0.00	27,179.05
Total Projects Expenses	27,179.05	0.00	0.00	27,179.05
Water Expenses				
Groundwater Management Plan				
460110 - Basin Wide Water Plan	833.33	0.00	0.00	833.33
Total Groundwater Management Plan	833.33	0.00	0.00	833.33

See Accountant's Compilation Report

**Lower Platte North NRD
Statements of Activities
For the Month Ended**

	Natural Resources District Month Ending 03/31/2024	Rural Water-Bruno Month Ending 03/31/2024	Rural Water-Colon Month Ending 03/31/2024	All Districts Month Ending 03/31/2024
Groundwater Programs				
460204 - GW Quality Program	432.00	0.00	0.00	432.00
460206 - Monitoring Wells	483.90	0.00	0.00	483.90
460213 - GW Memberships and Subscriptions	208.33	0.00	0.00	208.33
Total Groundwater Programs	1,124.23	0.00	0.00	1,124.23
Special Projects				
460504 - ENWRA	2,500.00	0.00	0.00	2,500.00
460522 - Groundwater Management Plan Rev	3,371.50	0.00	0.00	3,371.50
Total Special Projects	5,871.50	0.00	0.00	5,871.50
Land Treatment				
450803 - Shell Creek Watershed Plan 319	19,161.73	0.00	0.00	19,161.73
Total Land Treatment	19,161.73	0.00	0.00	19,161.73
Total Water Expenses	26,990.79	0.00	0.00	26,990.79
Rural Water District Expenses				
570201 - Water Purchase	0.00	2,412.29	690.71	3,103.00
570204 - Testing	0.00	15.00	15.00	30.00
570207 - Other Expenses	0.00	0.00	(59.87)	(59.87)
570208 - Lpnnrd Adm. Fee	0.00	187.30	197.67	384.97
570210 - Health/Life/Vision/LTD - ER	0.00	202.16	303.23	505.39
570211 - Dental - ER	0.00	21.72	32.59	54.31
570212 - 414H ER Contributions	0.00	84.01	126.00	210.01
570215 - ER Social Security Tax	0.00	108.87	134.98	243.85
570216 - ER Medicare Tax	0.00	25.46	31.56	57.02
570217 - Salaries	0.00	1,044.14	2,023.23	3,067.37
570219 - Fees And Licenses	0.00	17.13	25.68	42.81
570220 - Rural Water One-Call	0.00	0.00	8.36	8.36
570223 - Rural Water Gasoline	0.00	39.28	23.08	62.36
570224 - Rural Water Personnel Meeting	0.00	91.96	137.94	229.90
570308 - Colon Meter House Expense	0.00	0.00	103.61	103.61
570309 - Colon Sewer Collections	0.00	0.00	2,633.60	2,633.60
Total Rural Water District Expenses	0.00	4,249.32	6,427.37	10,676.69
Depreciation Expense				
Depreciation				
908000 - Depreciation Expense	50,133.85	677.91	1,432.90	52,244.66
908350 - Amortization Expense - Colon	0.00	0.00	4.17	4.17
Total Depreciation	50,133.85	677.91	1,437.07	52,248.83
Total Depreciation Expense	50,133.85	677.91	1,437.07	52,248.83
Total Expenses	402,893.86	4,927.23	7,949.96	415,771.05
Total Change in Net Position	\$ 240,510.66	\$ (1,178.12)	\$ (1,211.43)	\$ 238,121.11

**Lower Platte North NRD
Statements of Activities
For the Periods Ended**

	Natural Resources District Year To Date 03/31/2024	Rural Water-Bruno Year To Date 03/31/2024	Rural Water-Colon Year To Date 03/31/2024	All Districts Year To Date 03/31/2024
Income				
Federal Income				
303206 - Wahoo Creek 319 Grant	0.00	0.00	0.00	0.00
303207 - Shell Creek 319 Grant	55,333.00	0.00	0.00	55,333.00
303209 - Shell Creek Phase II 319 - NDEE	0.00	0.00	0.00	0.00
303210 - Shell Creek Phase II - 319 DEQ	0.00	0.00	0.00	0.00
303225 - Wahoo Creek WS PL566	202,941.49	0.00	0.00	202,941.49
303250 - Water Smart Grant	0.00	0.00	0.00	0.00
303400 - Sand and Duck 319	0.00	0.00	0.00	0.00
303475 - Cottonwood 319	0.00	0.00	0.00	0.00
303960 - Hazard Mitigation - Federal	0.00	0.00	0.00	0.00
303961 - FEMA - Flood Funds	412,099.20	0.00	0.00	412,099.20
303966 - FEMA - Hazard Mitigation Plan Update	0.00	0.00	0.00	0.00
303962 - NEMA - Flood Funds	137,316.12	0.00	0.00	137,316.12
303963 - FEMA - 428 Funds	236,735.77	0.00	0.00	236,735.77
303964 - Federal - NRCS	141,423.12	0.00	0.00	141,423.12
303965 - Federal Wanahoo - Stilling	0.00	0.00	0.00	0.00
Total Federal Income	\$ 1,185,848.70	\$ 0.00	\$ 0.00	\$ 1,185,848.70
State Income				
301201 - Natural Resources WQ Fund	49,682.99	0.00	0.00	49,682.99
301203 - Motor Vehicle Pro-Rate	6,840.74	0.00	0.00	6,840.74
301309 - Water Sustainability Fund	32,252.86	0.00	0.00	32,252.86
301310 - Shell Creek NET	49,012.81	0.00	0.00	49,012.81
301325 - JEDI Funding	802,295.74	0.00	0.00	802,295.74
301900 - State Grant - NE Buffer Strip	52,161.76	0.00	0.00	52,161.76
304100 - Lake Wanahoo - Other	23,290.72	0.00	0.00	23,290.72
Total State Income	1,015,537.62	0.00	0.00	1,015,537.62
Local Income				
304105 - Education Building Rent	9,735.00	0.00	0.00	9,735.00
304112 - Dirt Sales - Wanahoo	4,680.07	0.00	0.00	4,680.07
304150 - Lake Wanahoo SRA G&P/NRD	300.00	0.00	0.00	300.00
304200 - Washington D.C. Reimbursements	(122.46)	0.00	0.00	(122.46)
304400 - Flow Meter Maint. Reimb.	(1,440.00)	0.00	0.00	(1,440.00)
304500 - JWMA B	16,160.32	0.00	0.00	16,160.32
Total Local Income	29,312.93	0.00	0.00	29,312.93
Rural Water Income				
304240 - Water Sales	0.00	38,147.75	40,109.31	78,257.06
304295 - Colon Sewer Fees	0.00	0.00	22,560.50	22,560.50
304261 - Other Revenue	0.00	43.37	4,237.74	4,281.11
Total Rural Water Income	0.00	38,191.12	66,907.55	105,098.67
Property Tax Income				
305100 - General Fund Property Taxes-Boone	92,731.94	0.00	0.00	92,731.94
305200 - General Fund Property Taxes-Butler	368,961.78	0.00	0.00	368,961.78
305300 - General Fund Property Taxes-Colfax	317,608.13	0.00	0.00	317,608.13
305400 - General Fund Property Taxes-Dodge	1,063,728.50	0.00	0.00	1,063,728.50
305500 - General Fund Property Taxes-Madison	48,297.27	0.00	0.00	48,297.27
305600 - General Fund Property Taxes-Platte	400,312.35	0.00	0.00	400,312.35
305700 - General Fund Property Taxes-Saunders	1,181,039.76	0.00	0.00	1,181,039.76
Total Property Tax Income	3,472,679.73	0.00	0.00	3,472,679.73
Investment Income				
311350 - Interest - NPAIT Elkhorn	472.74	0.00	0.00	472.74
311400 - Interest - NPAIT Wanahoo SRA	20,211.92	0.00	0.00	20,211.92
311450 - Interest Income-Elkhorn IPA	180.21	0.00	0.00	180.21
311500 - Interest - NPAIT NRD	98.09	0.00	0.00	98.09
311600 - Interest - STFIT NRD	147,002.46	0.00	0.00	147,002.46
311700 - Interest - UBT NRD	913.97	0.00	0.00	913.97
304350 - Colon RW Interest - NPAIT	0.00	0.00	359.21	359.21
Total Investment Income	168,879.39	0.00	359.21	169,238.60
Miscellaneous Income				
309100 - Sales - Trees	2,208.01	0.00	0.00	2,208.01
309350 - Sales - Well Permits	1,500.00	0.00	0.00	1,500.00
309360 - Sales - Sample Kits	1,820.00	0.00	0.00	1,820.00
309400 - Sales - Other	3,400.00	0.00	0.00	3,400.00
309500 - Equipment Rent	8,459.06	0.00	0.00	8,459.06
310000 - Chemigation Permits	6,912.00	0.00	0.00	6,912.00

**Lower Platte North NRD
Statements of Activities
For the Periods Ended**

	Natural Resources District Year To Date 03/31/2024	Rural Water-Bruno Year To Date 03/31/2024	Rural Water-Colon Year To Date 03/31/2024	All Districts Year To Date 03/31/2024
310200 - Czechland Camping Fees	6,098.99	0.00	0.00	6,098.99
310201 - Wanahoo Park Permits	42,747.25	0.00	0.00	42,747.25
310202 - Lake Wanahoo Camping	73,984.00	0.00	0.00	73,984.00
313000 - Miscellaneous Income	21,766.00	0.00	0.00	21,766.00
315000 - RWD Administrative Fees	3,912.89	0.00	0.00	3,912.89
316000 - Employee/Director Reimb	2,665.73	0.00	0.00	2,665.73
317000 - Loss Or Gain On Sale Of Assets	45,957.13	0.00	0.00	45,957.13
Total Miscellaneous Income	221,431.06	0.00	0.00	221,431.06
Total Income	6,093,689.43	38,191.12	67,266.76	6,199,147.31
Expenses				
Administration Expenses				
Dues & Membership				
410201 - Dues & Membership - Chamber	235.00	0.00	0.00	235.00
410202 - Dues & Membership - NACD	1,332.00	0.00	0.00	1,332.00
410203 - Dues - NARD	24,327.53	0.00	0.00	24,327.53
410204 - Dues - NWRA	1,950.00	0.00	0.00	1,950.00
410205 - Dues & Membership - Other	1,429.20	0.00	0.00	1,429.20
Total Dues & Membership	29,273.73	0.00	0.00	29,273.73
Fees and Licenses				
410302 - NRD Fees And Licenses	713.47	0.00	0.00	713.47
410304 - NRD Union Bank Fees	341.76	0.00	0.00	341.76
Total Fees and Licenses	1,055.23	0.00	0.00	1,055.23
Insurance				
410501 - Insurance-Auto	10,510.76	0.00	0.00	10,510.76
410502 - Insurance-Errors & Omissions	4,834.74	0.00	0.00	4,834.74
410504 - Insurance-Liability	47,445.51	0.00	0.00	47,445.51
410505 - Insurance-Property	17,472.26	0.00	0.00	17,472.26
Total Insurance	80,263.27	0.00	0.00	80,263.27
Interest Expense				
410600 - Interest Expense	0.00	0.00	772.40	772.40
Total Interest Expense	0.00	0.00	772.40	772.40
Legal Notices				
410701 - Legal Notices	2,001.63	0.00	0.00	2,001.63
Total Legal Notices	2,001.63	0.00	0.00	2,001.63
Maintenance Contracts				
410800 - Maintenance Contracts	11,134.21	0.00	0.00	11,134.21
Total Maintenance Contracts	11,134.21	0.00	0.00	11,134.21
Office Supply & Expense				
410901 - Copier Supplies	321.94	0.00	0.00	321.94
410902 - Office Supplies & Equip	4,751.12	0.00	0.00	4,751.12
410903 - Franklin Supplies	328.94	0.00	0.00	328.94
410904 - Letterhead, Envelopes & Forms	93.18	0.00	0.00	93.18
410905 - Reference Books	706.99	0.00	0.00	706.99
410906 - Office Expense - Other	652.51	0.00	0.00	652.51
Total Office Supply & Expense	6,854.68	0.00	0.00	6,854.68
Computer Supply & Expense				
411002 - Computer Consultant	7,362.00	0.00	0.00	7,362.00
411003 - Computer Repairs & Parts	1,629.22	0.00	0.00	1,629.22
411004 - Computer Software	4,037.93	0.00	0.00	4,037.93
411006 - Email	2,925.60	0.00	0.00	2,925.60
411011 - Computers & Equipment	8,461.62	0.00	0.00	8,461.62
Total Computer Supply & Expense	24,416.37	0.00	0.00	24,416.37
Postage				
411200 - Postage	2,156.35	0.00	0.00	2,156.35
Total Postage	2,156.35	0.00	0.00	2,156.35
Professional Services				
411301 - Prof Serv-Accounting	63,050.00	0.00	0.00	63,050.00
411302 - Prof Serv-Annual Audit	14,150.00	0.00	0.00	14,150.00
411304 - Prof Serv-Legal - General	8,293.00	0.00	0.00	8,293.00
411311 - Washington Expense	19,700.00	0.00	0.00	19,700.00
Total Professional Services	105,193.00	0.00	0.00	105,193.00
Rent Expense				
411400 - Rent Expense	1,148.66	0.00	0.00	1,148.66

**Lower Platte North NRD
Statements of Activities
For the Periods Ended**

	Natural Resources District Year To Date 03/31/2024	Rural Water-Bruno Year To Date 03/31/2024	Rural Water-Colon Year To Date 03/31/2024	All Districts Year To Date 03/31/2024
Total Rent Expense	1,148.66	0.00	0.00	1,148.66
Telephone Expense				
411601 - Telephone - Cellular	8,853.98	0.00	0.00	8,853.98
411602 - Local Phone & Internet	7,123.43	0.00	0.00	7,123.43
Total Telephone Expense	15,977.41	0.00	0.00	15,977.41
Utilities				
411700 - Utilities Expense	7,219.31	0.00	0.00	7,219.31
Total Utilities	7,219.31	0.00	0.00	7,219.31
Total Administration Expenses	286,693.85	0.00	772.40	287,466.25
Information & Education Expenses				
Education				
420104 - Outdoor Classrooms	567.47	0.00	0.00	567.47
420106 - Miscellaneous Education Expense	290.00	0.00	0.00	290.00
420109 - Education Outreach	2,004.33	0.00	0.00	2,004.33
Total Education	2,861.80	0.00	0.00	2,861.80
Information				
420201 - Annual Report/Viaduct	14,252.41	0.00	0.00	14,252.41
420202 - Books And Pamphlets	1,120.00	0.00	0.00	1,120.00
420203 - Expositions And Display	595.98	0.00	0.00	595.98
420208 - Miscellaneous	940.20	0.00	0.00	940.20
420209 - Ktic Ad	1,918.00	0.00	0.00	1,918.00
420211 - E-Ads	1,120.00	0.00	0.00	1,120.00
420212 - TV Promotion	4,930.00	0.00	0.00	4,930.00
420213 - Promotion Videos	1,635.00	0.00	0.00	1,635.00
Total Information	26,511.59	0.00	0.00	26,511.59
Scholarships and Grants				
420307 - Shell Crk Watershd Scholarship	3,000.00	0.00	0.00	3,000.00
Total Scholarships and Grants	3,000.00	0.00	0.00	3,000.00
Other				
420401 - Art Supplies	82.03	0.00	0.00	82.03
420404 - Promotional Materials	2,882.60	0.00	0.00	2,882.60
420405 - Recognition Banquet & Awards	20.00	0.00	0.00	20.00
Total Other	2,984.63	0.00	0.00	2,984.63
Total Information & Education Expenses	35,358.02	0.00	0.00	35,358.02
Operation & Maintenance				
Auto and Truck				
430101 - Auto & Truck Gas	14,268.17	0.00	0.00	14,268.17
430102 - Auto & Truck R&M	6,232.77	0.00	0.00	6,232.77
Total Auto and Truck	20,500.94	0.00	0.00	20,500.94
Building Maintenance				
430201 - Bldg Maintenance	448.33	0.00	0.00	448.33
430202 - Office Cleaning	4,235.00	0.00	0.00	4,235.00
430203 - Garbage Maintenance	826.02	0.00	0.00	826.02
Total Building Maintenance	5,509.35	0.00	0.00	5,509.35
Operation and Maintenance				
430401 - Czechland & Homestead	6,440.63	0.00	0.00	6,440.63
430402 - Equipment Upkeep	8,831.69	0.00	0.00	8,831.69
430403 - Operation & Maintenance	122,211.26	0.00	0.00	122,211.26
430404 - Tree Supplies	157.50	0.00	0.00	157.50
430406 - Wanahoo Park Operation	26,109.70	0.00	0.00	26,109.70
430407 - Monitoring Wanahoo Dam	5,961.93	0.00	0.00	5,961.93
430408 - Wanahoo Rec Mgmt	33,683.10	0.00	0.00	33,683.10
430409 - Lake Wanahoo Education Building	7,904.10	0.00	0.00	7,904.10
Total Operation and Maintenance	211,299.91	0.00	0.00	211,299.91
Steam Bank Stabilization				
430601 - Stream Bank - Perennial Streams	3,268.88	0.00	0.00	3,268.88
430602 - Stream Bank - Platte/Elkhorn Rivers	9,838.67	0.00	0.00	9,838.67
Total Steam Bank Stabilization	13,107.55	0.00	0.00	13,107.55
Other				
430802 - Stock For Resale - Trees	632.14	0.00	0.00	632.14
430803 - Lower Platte Weed Mgmt Area	30,000.00	0.00	0.00	30,000.00
430804 - O&M One-Call Services	77.66	0.00	0.00	77.66
430805 - IceJam Monitoring	619.39	0.00	0.00	619.39
Total Other	31,329.19	0.00	0.00	31,329.19

**Lower Platte North NRD
Statements of Activities
For the Periods Ended**

	Natural Resources District Year To Date 03/31/2024	Rural Water-Bruno Year To Date 03/31/2024	Rural Water-Colon Year To Date 03/31/2024	All Districts Year To Date 03/31/2024
Total Operation & Maintenance	281,746.94	0.00	0.00	281,746.94
Personnel Expenses				
Director Expense				
440101 - Director Meeting Expense	19,511.39	0.00	0.00	19,511.39
440102 - Director Mileage Expense	10,570.42	0.00	0.00	10,570.42
440104 - Computer Stipend	3,400.00	0.00	0.00	3,400.00
Total Director Expense	33,481.81	0.00	0.00	33,481.81
Director Per Diem				
440200 - Director Per Diem	14,300.00	0.00	0.00	14,300.00
Total Director Per Diem	14,300.00	0.00	0.00	14,300.00
Employee Benefits				
440301 - Dental Insurance	15,754.44	0.00	0.00	15,754.44
440302 - Health Insurance	281,809.06	0.00	0.00	281,809.06
440303 - Retirement Benefit - 414H	55,112.22	0.00	0.00	55,112.22
440304 - Retirement Benefit - 457 Plan	1,650.94	0.00	0.00	1,650.94
440305 - Tuition Reimbursement	1,428.00	0.00	0.00	1,428.00
440306 - Workmans Comp Benefit	8,227.50	0.00	0.00	8,227.50
440307 - Employee Benefits - Other	144.63	0.00	0.00	144.63
440309 - Flexible Spending Fee	175.00	0.00	0.00	175.00
Total Employee Benefits	364,301.79	0.00	0.00	364,301.79
Payroll Taxes				
440401 - FICA - ER	56,492.92	0.00	0.00	56,492.92
440402 - Medicare - ER	13,211.89	0.00	0.00	13,211.89
Total Payroll Taxes	69,704.81	0.00	0.00	69,704.81
Personnel Expense				
440501 - Personnel Meeting Exp	32,873.20	0.00	0.00	32,873.20
440502 - Personnel Mileage Exp	2,038.89	0.00	0.00	2,038.89
440504 - Personnel Uniform Exp	669.73	0.00	0.00	669.73
Total Personnel Expense	35,581.82	0.00	0.00	35,581.82
Salaries				
440601 - Salaries - Administration	179,278.56	0.00	0.00	179,278.56
440602 - Salaries - Clerical	21,451.38	0.00	0.00	21,451.38
440604 - Salaries - I & E	76,039.33	0.00	0.00	76,039.33
440605 - Salaries - Op & Maint	130,723.95	0.00	0.00	130,723.95
440606 - NRCS Support	136,076.10	0.00	0.00	136,076.10
440607 - Salaries - Projects	70,814.90	0.00	0.00	70,814.90
440608 - Salaries - Water	292,054.39	0.00	0.00	292,054.39
440616 - Lake Wanhoo Park Op.	66,895.10	0.00	0.00	66,895.10
Total Salaries	973,333.71	0.00	0.00	973,333.71
Total Personnel Expenses	1,490,703.94	0.00	0.00	1,490,703.94
Projects Expenses				
Inter-Governmental				
450119 - JWMA Dodge Co	20,210.00	0.00	0.00	20,210.00
Total Inter-Governmental	20,210.00	0.00	0.00	20,210.00
Other Projects				
450711 - Bailey Levee	27,179.05	0.00	0.00	27,179.05
Total Other Projects	27,179.05	0.00	0.00	27,179.05
Platte River Corridor Alliance				
411101 - PRCA - Administration	1,000.00	0.00	0.00	1,000.00
411129 - USGS Monitoring at Leshara	5,320.00	0.00	0.00	5,320.00
Total Platte River Corridor Alliance	6,320.00	0.00	0.00	6,320.00
Total Projects Expenses	53,709.05	0.00	0.00	53,709.05
Water Expenses				
Groundwater Management Plan				
460101 - GWMP - Cost - Share	5,410.00	0.00	0.00	5,410.00
460102 - GWMP - Information & Education	996.67	0.00	0.00	996.67
460103 - GWMP - Nitrogen Classes	2,480.29	0.00	0.00	2,480.29
460110 - Basin Wide Water Plan	7,499.95	0.00	0.00	7,499.95
460111 - Flow Meter Maintenance	80.00	0.00	0.00	80.00
Total Groundwater Management Plan	16,466.91	0.00	0.00	16,466.91
Groundwater Programs				
460201 - Decommissioned Wells	7,696.82	0.00	0.00	7,696.82
460204 - GW Quality Program	9,321.41	0.00	0.00	9,321.41
460205 - Mead - NOP	45.00	0.00	0.00	45.00

**Lower Platte North NRD
Statements of Activities
For the Periods Ended**

	Natural Resources District Year To Date 03/31/2024	Rural Water-Bruno Year To Date 03/31/2024	Rural Water-Colon Year To Date 03/31/2024	All Districts Year To Date 03/31/2024
460206 - Monitoring Wells	4,711.04	0.00	0.00	4,711.04
460209 - Groundwater Programs Other	273.00	0.00	0.00	273.00
460213 - GW Memberships and Subscriptions	4,569.99	0.00	0.00	4,569.99
Total Groundwater Programs	26,617.26	0.00	0.00	26,617.26
Regulatory				
460301 - Chemigation	293.08	0.00	0.00	293.08
Total Regulatory	293.08	0.00	0.00	293.08
Surface Water Programs				
460403 - Stream Flow	18,190.00	0.00	0.00	18,190.00
Total Surface Water Programs	18,190.00	0.00	0.00	18,190.00
Special Projects				
460504 - ENWRA	22,500.00	0.00	0.00	22,500.00
460519 - Hydrological Study	53,754.76	0.00	0.00	53,754.76
460522 - Groundwater Management Plan Rev	3,371.50	0.00	0.00	3,371.50
Total Special Projects	79,626.26	0.00	0.00	79,626.26
Land Treatment				
450201 - Ne Buffer Strip	52,161.76	0.00	0.00	52,161.76
450204 - Shell Creek	1,388.65	0.00	0.00	1,388.65
450803 - Shell Creek Watershed Plan 319	56,331.84	0.00	0.00	56,331.84
450805 - Shell Creek Phase I (New)	47,463.97	0.00	0.00	47,463.97
Total Land Treatment	157,346.22	0.00	0.00	157,346.22
Total Water Expenses	298,539.73	0.00	0.00	298,539.73
Rural Water District Expenses				
570201 - Water Purchase	0.00	21,192.03	8,522.73	29,714.76
570204 - Testing	0.00	135.00	325.00	460.00
570206 - Repair	0.00	7.99	23.76	31.75
570207 - Other Expenses	0.00	0.00	106.25	106.25
570208 - Lpnrd Adm. Fee	0.00	1,907.40	2,005.49	3,912.89
570210 - Health/Life/Vision/LTD - ER	0.00	1,832.67	2,748.92	4,581.59
570211 - Dental - ER	0.00	197.62	296.51	494.13
570212 - 414H ER Contributions	0.00	563.66	845.52	1,409.18
570215 - ER Social Security Tax	0.00	775.08	1,021.77	1,796.85
570216 - ER Medicare Tax	0.00	181.24	238.94	420.18
570217 - Salaries	0.00	5,337.44	10,277.08	15,614.52
570219 - Fees And Licenses	0.00	154.17	231.12	385.29
570220 - Rural Water One-Call	0.00	4.44	41.38	45.82
570221 - Rural Water Hand Tools & Supplies	0.00	19.96	50.26	70.22
570222 - RW Dues And Memberships	0.00	220.00	330.00	550.00
570223 - Rural Water Gasoline	0.00	494.36	352.72	847.08
570224 - Rural Water Personnel Meeting	0.00	269.96	404.94	674.90
570231 - Rural Water Equipment Upkeep	0.00	609.58	914.37	1,523.95
570308 - Colon Meter House Expense	0.00	0.00	747.33	747.33
570309 - Colon Sewer Collections	0.00	0.00	22,560.50	22,560.50
Total Rural Water District Expenses	0.00	33,902.60	52,044.59	85,947.19
Depreciation Expense				
Depreciation				
908000 - Depreciation Expense	443,016.42	6,101.19	12,896.10	462,013.71
908350 - Amortization Expense - Colon	0.00	0.00	37.53	37.53
Total Depreciation	443,016.42	6,101.19	12,933.63	462,051.24
Total Depreciation Expense	443,016.42	6,101.19	12,933.63	462,051.24
Total Expenses	2,889,767.95	40,003.79	65,750.62	2,995,522.36
Total Change in Net Position	\$ 3,203,921.48	\$ (1,812.67)	\$ 1,516.14	\$ 3,203,624.95

Lower Platte North NRD Supplemental Schedule Statements of Activities - Actual vs. Budget

	Month Ending 03/31/2024 <small>MTD Actual</small>	Year To Date 03/31/2024 <small>FYTD Actual</small>	Annual Budget June 30, 2024 <small>FY2024</small>	\$ Difference Annual Budget	Percentage Annual Budget
Change in Net Position					
Income					
Federal Income					
303206 - Wahoo Creek 319 Grant	0.00	0.00	50,000.00	(50,000.00)	0.00 %
303207 - Shell Creek 319 Grant	19,161.73	55,333.00	160,000.00	(104,667.00)	34.58 %
303225 - Wahoo Creek WS PL566	10,027.92	202,941.49	694,000.00	(491,058.51)	29.24 %
303960 - Hazard Mitigation - Federal	0.00	0.00	75,000.00	(75,000.00)	0.00 %
303961 - FEMA - Flood Funds	0.00	412,099.20	1,491,585.00	(1,079,485.80)	27.63 %
303962 - NEMA - Flood Funds	0.00	137,316.12	0.00	137,316.12	0.00 %
303963 - FEMA - 428 Funds	0.00	236,735.77	280,704.00	(43,968.23)	84.34 %
303964 - Federal - NRCS	16,514.26	141,423.12	100,000.00	41,423.12	141.42 %
303965 - Federal Wanahoo - Stilling	0.00	0.00	696,452.00	(696,452.00)	0.00 %
Total Federal Income	45,703.91	1,185,848.70	3,547,741.00	(2,361,892.30)	33.43 %
State Income					
301201 - Natural Resources WQ Fund	0.00	49,682.99	52,000.00	(2,317.01)	95.54 %
301202 - Decommissioned Wells	0.00	0.00	4,300.00	(4,300.00)	0.00 %
301203 - Motor Vehicle Pro-Rate	3,300.98	6,840.74	8,400.00	(1,559.26)	81.44 %
301303 - Sand Creek NRDF	0.00	0.00	20,000.00	(20,000.00)	0.00 %
301309 - Water Sustainability Fund	0.00	32,252.86	165,000.00	(132,747.14)	19.55 %
301310 - Shell Creek NET	0.00	49,012.81	100,000.00	(50,987.19)	49.01 %
301325 - JEDI Funding	494,909.44	802,295.74	800,000.00	2,295.74	100.29 %
301800 - State Grant - Whip/Ne Wild	0.00	0.00	500.00	(500.00)	0.00 %
301900 - State Grant - NE Buffer Strip	0.00	52,161.76	51,000.00	1,161.76	102.28 %
304100 - Lake Wanahoo - Other	0.00	23,290.72	25,000.00	(1,709.28)	93.16 %
Total State Income	498,210.42	1,015,537.62	1,226,200.00	(210,662.38)	82.82 %
Local Income					
304105 - Education Building Rent	1,265.00	9,735.00	17,000.00	(7,265.00)	57.26 %
304112 - Dirt Sales - Wanahoo	510.16	4,680.07	10,000.00	(5,319.93)	46.80 %
304150 - Lake Wanahoo SRA G&P/NRD	0.00	300.00	0.00	300.00	0.00 %
304200 - Washington D.C. Reimbursements	0.00	(122.46)	0.00	(122.46)	0.00 %
304400 - Flow Meter Maint. Reimb.	0.00	(1,440.00)	3,100.00	(4,540.00)	(46.45) %
304500 - JWMA B	0.00	16,160.32	15,000.00	1,160.32	107.74 %
Total Local Income	1,775.16	29,312.93	45,100.00	(15,787.07)	65.00 %
Property Tax Income					
305100 - General Fund Property Taxes-Boone	425.50	92,731.94	117,500.00	(24,768.06)	78.92 %
305200 - General Fund Property Taxes-Butler	610.44	368,961.78	400,000.00	(31,038.22)	92.24 %
305300 - General Fund Property Taxes-Colfax	427.38	317,608.13	330,000.00	(12,391.87)	96.24 %
305400 - General Fund Property Taxes-Dodge	3,011.38	1,063,728.50	1,113,000.00	(49,271.50)	95.57 %
305500 - General Fund Property Taxes-Madison	52.82	48,297.27	51,000.00	(2,702.73)	94.70 %
305600 - General Fund Property Taxes-Platte	454.79	400,312.35	464,000.00	(63,687.65)	86.27 %
305700 - General Fund Property Taxes-Saunders	3,509.33	1,181,039.76	1,275,000.00	(93,960.24)	92.63 %
Total Property Tax Income	8,491.64	3,472,679.73	3,750,500.00	(277,820.27)	92.59 %
Investment Income					
311350 - Interest - NPAIT Elkhorn	283.95	472.74	102.00	370.74	463.47 %
311400 - Interest - NPAIT Wanahoo SRA	2,555.91	20,211.92	15,700.00	4,511.92	128.74 %
311450 - Interest Income-Elkhorn IPA	0.00	180.21	200.00	(19.79)	90.11 %
311500 - Interest - NPAIT NRD	11.16	98.09	90.00	8.09	108.99 %
311600 - Interest - STFIT NRD	21,830.30	147,002.46	106,000.00	41,002.46	138.68 %
311700 - Interest - UBT NRD	74.24	913.97	875.00	38.97	104.45 %

Lower Platte North NRD Supplemental Schedule Statements of Activities - Actual vs. Budget

	Month Ending 03/31/2024 <small>MTD Actual</small>	Year To Date 03/31/2024 <small>FYTD Actual</small>	Annual Budget June 30, 2024 <small>FY2024</small>	\$ Difference Annual Budget	Percentage Annual Budget
Total Investment Income	24,755.56	168,879.39	122,967.00	45,912.39	137.34 %
Miscellaneous Income					
309100 - Sales - Trees	0.00	2,208.01	20,000.00	(17,791.99)	11.04 %
309350 - Sales - Well Permits	300.00	1,500.00	3,000.00	(1,500.00)	50.00 %
309360 - Sales - Sample Kits	0.00	1,820.00	4,500.00	(2,680.00)	40.44 %
309400 - Sales - Other	150.00	3,400.00	4,500.00	(1,100.00)	75.56 %
309500 - Equipment Rent	624.75	8,459.06	4,000.00	4,459.06	211.48 %
310000 - Chemigation Permits	5,467.00	6,912.00	25,000.00	(18,088.00)	27.65 %
310100 - Check Valve Sales	0.00	0.00	600.00	(600.00)	0.00 %
310200 - Czechland Camping Fees	179.54	6,098.99	12,000.00	(5,901.01)	50.82 %
310201 - Wanahoo Park Permits	3,432.50	42,747.25	110,000.00	(67,252.75)	38.86 %
310202 - Lake Wanahoo Camping	6,630.14	73,984.00	125,000.00	(51,016.00)	59.19 %
312000 - Salaries-Other NRD	0.00	0.00	79,000.00	(79,000.00)	0.00 %
313000 - Miscellaneous Income	1,145.45	21,766.00	18,000.00	3,766.00	120.92 %
315000 - RWD Administrative Fees	384.97	3,912.89	5,500.00	(1,587.11)	71.14 %
316000 - Employee/Director Reimb	196.35	2,665.73	2,000.00	665.73	133.29 %
317000 - Loss Or Gain On Sale Of Assets	45,957.13	45,957.13	120,000.00	(74,042.87)	38.30 %
318000 - Special Project Income	0.00	0.00	1,000.00	(1,000.00)	0.00 %
318500 - Change in COE Revenue	0.00	0.00	115,000.00	(115,000.00)	0.00 %
Total Miscellaneous Income	64,467.83	221,431.06	649,100.00	(427,668.94)	34.11 %
Total Income	643,404.52	6,093,689.43	9,341,608.00	(3,247,918.57)	65.23 %
Expenses					
Administration Expenses					
Bonds					
410100 - Bonds	0.00	0.00	1,400.00	(1,400.00)	0.00 %
Total Bonds	0.00	0.00	1,400.00	(1,400.00)	0.00 %
Dues & Membership					
410201 - Dues & Membership - Chamber	0.00	235.00	450.00	(215.00)	52.22 %
410202 - Dues & Membership - NACD	148.00	1,332.00	1,776.00	(444.00)	75.00 %
410203 - Dues - NARD	2,714.66	24,327.53	32,575.00	(8,247.47)	74.68 %
410204 - Dues - NWRA	0.00	1,950.00	1,950.00	0.00	100.00 %
410205 - Dues & Membership - Other	100.00	1,429.20	3,200.00	(1,770.80)	44.66 %
Total Dues & Membership	2,962.66	29,273.73	39,951.00	(10,677.27)	73.27 %
Fees and Licenses					
410302 - NRD Fees And Licenses	0.00	713.47	10,000.00	(9,286.53)	7.13 %
410304 - NRD Union Bank Fees	44.92	341.76	600.00	(258.24)	56.96 %
Total Fees and Licenses	44.92	1,055.23	10,600.00	(9,544.77)	9.96 %
GIS					
410401 - GIS Activities	0.00	0.00	2,000.00	(2,000.00)	0.00 %
Total GIS	0.00	0.00	2,000.00	(2,000.00)	0.00 %
Insurance					
410501 - Insurance-Auto	949.42	10,510.76	15,000.00	(4,489.24)	70.07 %
410502 - Insurance-Errors & Omissions	538.08	4,834.74	7,100.00	(2,265.26)	68.09 %
410504 - Insurance-Liability	5,337.00	47,445.51	71,000.00	(23,554.49)	66.82 %
410505 - Insurance-Property	2,078.67	17,472.26	22,000.00	(4,527.74)	79.42 %
Total Insurance	8,903.17	80,263.27	115,100.00	(34,836.73)	69.73 %
Legal Notices					
410701 - Legal Notices	264.47	2,001.63	4,000.00	(1,998.37)	50.04 %
410702 - Other Notices and Advertising	0.00	0.00	100.00	(100.00)	0.00 %

Lower Platte North NRD Supplemental Schedule Statements of Activities - Actual vs. Budget

	Month Ending 03/31/2024 <small>MTD Actual</small>	Year To Date 03/31/2024 <small>FYTD Actual</small>	Annual Budget June 30, 2024 <small>FY2024</small>	\$ Difference Annual Budget	Percentage Annual Budget
Total Legal Notices	264.47	2,001.63	4,100.00	(2,098.37)	48.82 %
Maintenance Contracts					
410800 - Maintenance Contracts	302.14	11,134.21	5,000.00	6,134.21	222.68 %
Total Maintenance Contracts	302.14	11,134.21	5,000.00	6,134.21	222.68 %
Office Supply & Expense					
410901 - Copier Supplies	76.99	321.94	1,000.00	(678.06)	32.19 %
410902 - Office Supplies & Equip	303.49	4,751.12	5,500.00	(748.88)	86.38 %
410903 - Franklin Supplies	0.00	328.94	500.00	(171.06)	65.79 %
410904 - Letterhead, Envelopes & Forms	0.00	93.18	2,000.00	(1,906.82)	4.66 %
410905 - Reference Books	0.00	706.99	1,000.00	(293.01)	70.70 %
410906 - Office Expense - Other	78.43	652.51	2,500.00	(1,847.49)	26.10 %
Total Office Supply & Expense	458.91	6,854.68	12,500.00	(5,645.32)	54.84 %
Computer Supply & Expense					
411002 - Computer Consultant	398.00	7,362.00	6,000.00	1,362.00	122.70 %
411003 - Computer Repairs & Parts	76.60	1,629.22	1,500.00	129.22	108.61 %
411004 - Computer Software	391.01	4,037.93	13,500.00	(9,462.07)	29.91 %
411005 - Computer Magazines/Video	0.00	0.00	100.00	(100.00)	0.00 %
411006 - Email	414.00	2,925.60	3,000.00	(74.40)	97.52 %
411011 - Computers & Equipment	0.00	8,461.62	8,000.00	461.62	105.77 %
411012 - Website Design & Hosting	0.00	0.00	350.00	(350.00)	0.00 %
Total Computer Supply & Expense	1,279.61	24,416.37	32,450.00	(8,033.63)	75.24 %
Postage					
411200 - Postage	0.00	2,156.35	6,500.00	(4,343.65)	33.17 %
Total Postage	0.00	2,156.35	6,500.00	(4,343.65)	33.17 %
Professional Services					
411301 - Prof Serv-Accounting	7,325.00	63,050.00	87,900.00	(24,850.00)	71.73 %
411302 - Prof Serv-Annual Audit	0.00	14,150.00	14,150.00	0.00	100.00 %
411304 - Prof Serv-Legal - General	1,314.50	8,293.00	12,000.00	(3,707.00)	69.11 %
411305 - Prof Serv-Legal-Other	0.00	0.00	3,000.00	(3,000.00)	0.00 %
411307 - Prof Services-Other	0.00	0.00	3,000.00	(3,000.00)	0.00 %
411311 - Washington Expense	2,200.00	19,700.00	26,400.00	(6,700.00)	74.62 %
Total Professional Services	10,839.50	105,193.00	146,450.00	(41,257.00)	71.83 %
Rent Expense					
411400 - Rent Expense	530.22	1,148.66	1,700.00	(551.34)	67.57 %
Total Rent Expense	530.22	1,148.66	1,700.00	(551.34)	67.57 %
Support to Organizations					
411501 - Locally Lead Conservation Groups	0.00	0.00	500.00	(500.00)	0.00 %
411502 - R C & D Organizations	0.00	0.00	500.00	(500.00)	0.00 %
Total Support to Organizations	0.00	0.00	1,000.00	(1,000.00)	0.00 %
Telephone Expense					
411601 - Telephone - Cellular	967.90	8,853.98	13,500.00	(4,646.02)	65.59 %
411602 - Local Phone & Internet	787.09	7,123.43	9,000.00	(1,876.57)	79.15 %
411605 - Director iPad Cell Service	0.00	0.00	100.00	(100.00)	0.00 %
Total Telephone Expense	1,754.99	15,977.41	22,600.00	(6,622.59)	70.70 %
Utilities					
411700 - Utilities Expense	757.10	7,219.31	13,000.00	(5,780.69)	55.53 %
Total Utilities	757.10	7,219.31	13,000.00	(5,780.69)	55.53 %
Total Administration Expenses	28,097.69	286,693.85	414,351.00	(127,657.15)	69.19 %
Information & Education Expenses					

Lower Platte North NRD Supplemental Schedule Statements of Activities - Actual vs. Budget

	Month Ending 03/31/2024 <small>MTD Actual</small>	Year To Date 03/31/2024 <small>FYTD Actual</small>	Annual Budget June 30, 2024 <small>FY2024</small>	\$ Difference Annual Budget	Percentage Annual Budget
Education					
420103 - Land & Range Judging Contest	0.00	0.00	1,000.00	(1,000.00)	0.00 %
420104 - Outdoor Classrooms	0.00	567.47	2,500.00	(1,932.53)	22.70 %
420106 - Miscellaneous Education Expense	0.00	290.00	500.00	(210.00)	58.00 %
420107 - Water Testing Event	0.00	0.00	500.00	(500.00)	0.00 %
420108 - Spring Conservation Sensation	0.00	0.00	3,500.00	(3,500.00)	0.00 %
420109 - Education Outreach	294.84	2,004.33	3,500.00	(1,495.67)	57.27 %
Total Education	294.84	2,861.80	11,500.00	(8,638.20)	24.89 %
Information					
420201 - Annual Report/Viaduct	0.00	14,252.41	14,000.00	252.41	101.80 %
420202 - Books And Pamphlets	0.00	1,120.00	500.00	620.00	224.00 %
420203 - Expositions And Display	0.00	595.98	2,000.00	(1,404.02)	29.80 %
420205 - Phrography, Cameras, Video	0.00	0.00	1,500.00	(1,500.00)	0.00 %
420206 - Soil & Water Stewardship Mat.	0.00	0.00	100.00	(100.00)	0.00 %
420208 - Miscellaneous	0.00	940.20	1,500.00	(559.80)	62.68 %
420209 - Ktic Ad	217.00	1,918.00	3,500.00	(1,582.00)	54.80 %
420211 - E-Ads	140.00	1,120.00	1,700.00	(580.00)	65.88 %
420212 - TV Promotion	1,920.00	4,930.00	3,500.00	1,430.00	140.86 %
420213 - Promotion Videos	0.00	1,635.00	3,000.00	(1,365.00)	54.50 %
Total Information	2,277.00	26,511.59	31,300.00	(4,788.41)	84.70 %
Scholarships and Grants					
420305 - Camp And Workshop Scholarships	0.00	0.00	3,000.00	(3,000.00)	0.00 %
420307 - Shell Crk Watershd Scholarship	0.00	3,000.00	3,000.00	0.00	100.00 %
420309 - Middle/High School Natural Resources Grant	0.00	0.00	1,000.00	(1,000.00)	0.00 %
Total Scholarships and Grants	0.00	3,000.00	7,000.00	(4,000.00)	42.86 %
Other					
420401 - Art Supplies	0.00	82.03	250.00	(167.97)	32.81 %
420402 - Cooperative Projects/Donations	0.00	0.00	500.00	(500.00)	0.00 %
420404 - Promotional Materials	0.00	2,882.60	4,000.00	(1,117.40)	72.07 %
420405 - Recognition Banquet & Awards	0.00	20.00	2,000.00	(1,980.00)	1.00 %
420407 - Cooperative Partnerships	0.00	0.00	1,000.00	(1,000.00)	0.00 %
420409 - N.American Envirothon	0.00	0.00	1,000.00	(1,000.00)	0.00 %
420410 - Continuing Ed - I&E Dept	0.00	0.00	500.00	(500.00)	0.00 %
Total Other	0.00	2,984.63	9,250.00	(6,265.37)	32.27 %
Total Information & Education Expenses	2,571.84	35,358.02	59,050.00	(23,691.98)	59.88 %
Operation & Maintenance					
Auto and Truck					
430101 - Auto & Truck Gas	1,588.74	14,268.17	25,000.00	(10,731.83)	57.07 %
430102 - Auto & Truck R&M	633.54	6,232.77	7,000.00	(767.23)	89.04 %
Total Auto and Truck	2,222.28	20,500.94	32,000.00	(11,499.06)	64.07 %
Building Maintenance					
430201 - Bldg Maintenance	0.00	448.33	3,500.00	(3,051.67)	12.81 %
430202 - Office Cleaning	935.00	4,235.00	6,100.00	(1,865.00)	69.43 %
430203 - Garbage Maintenance	95.95	826.02	1,200.00	(373.98)	68.84 %
Total Building Maintenance	1,030.95	5,509.35	10,800.00	(5,290.65)	51.01 %
Community Forestry Program					
430300 - Community Forestry	0.00	0.00	2,000.00	(2,000.00)	0.00 %
Total Community Forestry Program	0.00	0.00	2,000.00	(2,000.00)	0.00 %
Operation and Maintenance					

Lower Platte North NRD Supplemental Schedule Statements of Activities - Actual vs. Budget

	Month Ending 03/31/2024	Year To Date 03/31/2024	Annual Budget June 30, 2024	\$ Difference Annual Budget	Percentage Annual Budget
	MTD Actual	FYTD Actual	FY2024		
430401 - Czechland & Homestead	121.53	6,440.63	6,000.00	440.63	107.34 %
430402 - Equipment Upkeep	4,058.62	8,831.69	12,000.00	(3,168.31)	73.60 %
430403 - Operation & Maintenance	57.48	122,211.26	166,000.00	(43,788.74)	73.62 %
430404 - Tree Supplies	157.50	157.50	250.00	(92.50)	63.00 %
430406 - Wanahoo Park Operation	17,725.97	26,109.70	60,000.00	(33,890.30)	43.52 %
430407 - Monitoring Wanahoo Dam	1,730.25	5,961.93	17,000.00	(11,038.07)	35.07 %
430408 - Wanahoo Rec Mgmt	1,523.10	33,683.10	55,000.00	(21,316.90)	61.24 %
430409 - Lake Wanahoo Education Building	2,223.47	7,904.10	10,000.00	(2,095.90)	79.04 %
Total Operation and Maintenance	27,597.92	211,299.91	326,250.00	(114,950.09)	64.77 %
Project Repairs					
430503 - Project Repairs - Other	0.00	0.00	1,000.00	(1,000.00)	0.00 %
430504 - Rawhide Channel Maintenance	0.00	0.00	2,000.00	(2,000.00)	0.00 %
Total Project Repairs	0.00	0.00	3,000.00	(3,000.00)	0.00 %
Steam Bank Stabilization					
430601 - Stream Bank - Perennial Streams	0.00	3,268.88	5,000.00	(1,731.12)	65.38 %
430602 - Stream Bank - Platte/Elkhorn Rivers	0.00	9,838.67	10,000.00	(161.33)	98.39 %
Total Steam Bank Stabilization	0.00	13,107.55	15,000.00	(1,892.45)	87.38 %
Wildlife Habitat Programs					
430701 - Wild Nebraska	0.00	0.00	50,000.00	(50,000.00)	0.00 %
Total Wildlife Habitat Programs	0.00	0.00	50,000.00	(50,000.00)	0.00 %
Other					
430801 - NRCS Flags	0.00	0.00	1,000.00	(1,000.00)	0.00 %
430802 - Stock For Resale - Trees	183.20	632.14	13,000.00	(12,367.86)	4.86 %
430803 - Lower Platte Weed Mgmt Area	30,000.00	30,000.00	30,000.00	0.00	100.00 %
430804 - O&M One-Call Services	9.20	77.66	50.00	27.66	155.32 %
430805 - IceJam Monitoring	0.00	619.39	500.00	119.39	123.88 %
Total Other	30,192.40	31,329.19	44,550.00	(13,220.81)	70.32 %
Total Operation & Maintenance	61,043.55	281,746.94	483,600.00	(201,853.06)	58.26 %
Personnel Expenses					
Director Expense					
440101 - Director Meeting Expense	5,140.03	19,511.39	18,000.00	1,511.39	108.40 %
440102 - Director Mileage Expense	3,626.10	10,570.42	17,000.00	(6,429.58)	62.18 %
440104 - Computer Stipend	1,050.00	3,400.00	5,700.00	(2,300.00)	59.65 %
Total Director Expense	9,816.13	33,481.81	40,700.00	(7,218.19)	82.26 %
Director Per Diem					
440200 - Director Per Diem	0.00	14,300.00	38,000.00	(23,700.00)	37.63 %
Total Director Per Diem	0.00	14,300.00	38,000.00	(23,700.00)	37.63 %
Employee Benefits					
440301 - Dental Insurance	1,681.83	15,754.44	24,000.00	(8,245.56)	65.64 %
440302 - Health Insurance	26,500.22	281,809.06	370,000.00	(88,190.94)	76.16 %
440303 - Retirement Benefit - 414H	8,072.57	55,112.22	75,000.00	(19,887.78)	73.48 %
440304 - Retirement Benefit - 457 Plan	1,650.94	1,650.94	4,000.00	(2,349.06)	41.27 %
440305 - Tuition Reimbursement	0.00	1,428.00	3,000.00	(1,572.00)	47.60 %
440306 - Workmans Comp Benefit	889.08	8,227.50	20,000.00	(11,772.50)	41.14 %
440307 - Employee Benefits - Other	(139.67)	144.63	2,500.00	(2,355.37)	5.79 %
440309 - Flexible Spending Fee	20.00	175.00	300.00	(125.00)	58.33 %
440311 - Unemployment Insurance Benefit	0.00	0.00	5,000.00	(5,000.00)	0.00 %
440312 - Accrued Compensated Absences	0.00	0.00	10,000.00	(10,000.00)	0.00 %
Total Employee Benefits	38,674.97	364,301.79	513,800.00	(149,498.21)	70.90 %

Lower Platte North NRD Supplemental Schedule Statements of Activities - Actual vs. Budget

	Month Ending 03/31/2024 <small>MTD Actual</small>	Year To Date 03/31/2024 <small>FYTD Actual</small>	Annual Budget June 30, 2024 <small>FY2024</small>	\$ Difference Annual Budget	Percentage Annual Budget
Payroll Taxes					
440401 - FICA - ER	8,237.01	56,492.92	79,500.00	(23,007.08)	71.06 %
440402 - Medicare - ER	1,926.40	13,211.89	18,650.00	(5,438.11)	70.84 %
Total Payroll Taxes	10,163.41	69,704.81	98,150.00	(28,445.19)	71.02 %
Personnel Expense					
440501 - Personnel Meeting Exp	5,740.19	32,873.20	30,000.00	2,873.20	109.58 %
440502 - Personnel Mileage Exp	437.51	2,038.89	3,500.00	(1,461.11)	58.25 %
440503 - Safety Committee	0.00	0.00	1,000.00	(1,000.00)	0.00 %
440504 - Personnel Uniform Exp	0.00	669.73	2,500.00	(1,830.27)	26.79 %
440505 - Personnel Exp-Other	0.00	0.00	2,500.00	(2,500.00)	0.00 %
Total Personnel Expense	6,177.70	35,581.82	39,500.00	(3,918.18)	90.08 %
Salaries					
440601 - Salaries - Administration	28,465.05	179,278.56	244,000.00	(64,721.44)	73.47 %
440602 - Salaries - Clerical	3,387.06	21,451.38	29,500.00	(8,048.62)	72.72 %
440603 - Employee Recognition Program	0.00	0.00	1,300.00	(1,300.00)	0.00 %
440604 - Salaries - I & E	12,006.21	76,039.33	104,054.00	(28,014.67)	73.08 %
440605 - Salaries - Op & Maint	20,196.96	130,723.95	206,500.00	(75,776.05)	63.30 %
440606 - NRCS Support	23,008.74	136,076.10	216,500.00	(80,423.90)	62.85 %
440607 - Salaries - Projects	11,181.30	70,814.90	97,000.00	(26,185.10)	73.01 %
440608 - Salaries - Water	38,641.18	292,054.39	342,500.00	(50,445.61)	85.27 %
440611 - Salaries - Rural Water	0.00	0.00	5,000.00	(5,000.00)	0.00 %
440616 - Lake Wanhoo Park Op.	5,158.38	66,895.10	100,000.00	(33,104.90)	66.90 %
Total Salaries	142,044.88	973,333.71	1,346,354.00	(373,020.29)	72.29 %
Total Personnel Expenses	206,877.09	1,490,703.94	2,076,504.00	(585,800.06)	71.79 %
Projects Expenses					
Inter-Governmental					
450110 - Platte Center Bank Stab. Phase LI	0.00	0.00	5,000.00	(5,000.00)	0.00 %
450114 - Trails	0.00	0.00	15,000.00	(15,000.00)	0.00 %
450115 - Dike & Drainage Assistance	0.00	0.00	5,000.00	(5,000.00)	0.00 %
450119 - JWMAB Dodge Co	0.00	20,210.00	186,500.00	(166,290.00)	10.84 %
450123 - Hazard Mitigation Update	0.00	0.00	75,000.00	(75,000.00)	0.00 %
Total Inter-Governmental	0.00	20,210.00	286,500.00	(266,290.00)	7.05 %
Special Projects					
450305 - Special Projects-Other	0.00	0.00	31,500.00	(31,500.00)	0.00 %
450309 - SA No-Till Conf/Shell Creek	0.00	0.00	1,000.00	(1,000.00)	0.00 %
Total Special Projects	0.00	0.00	32,500.00	(32,500.00)	0.00 %
Wanhoo					
450506 - Lake Level Mgmt Plan	0.00	0.00	50,000.00	(50,000.00)	0.00 %
450509 - Wanhoo - Other	0.00	0.00	5,000.00	(5,000.00)	0.00 %
Total Wanhoo	0.00	0.00	55,000.00	(55,000.00)	0.00 %
Other Projects					
450705 - Schuyler 205	0.00	0.00	13,000.00	(13,000.00)	0.00 %
450711 - Bailey Levee	27,179.05	27,179.05	58,200.00	(31,020.95)	46.70 %
Total Other Projects	27,179.05	27,179.05	71,200.00	(44,020.95)	38.17 %
Platte River Corridor Alliance					
411101 - PRCA - Administration	0.00	1,000.00	1,000.00	0.00	100.00 %
411129 - USGS Monitoring at Leshara	0.00	5,320.00	5,320.00	0.00	100.00 %
Total Platte River Corridor Alliance	0.00	6,320.00	6,320.00	0.00	100.00 %
Total Projects Expenses	27,179.05	53,709.05	451,520.00	(397,810.95)	11.90 %

Lower Platte North NRD Supplemental Schedule Statements of Activities - Actual vs. Budget

	Month Ending 03/31/2024 <small>MTD Actual</small>	Year To Date 03/31/2024 <small>FYTD Actual</small>	Annual Budget June 30, 2024 <small>FY2024</small>	\$ Difference Annual Budget	Percentage Annual Budget
Water Expenses					
Groundwater Management Plan					
460101 - GWMP - Cost - Share	0.00	5,410.00	15,000.00	(9,590.00)	36.07 %
460102 - GWMP - Information & Education	0.00	996.67	1,000.00	(3.33)	99.67 %
460103 - GWMP - Nitrogen Classes	0.00	2,480.29	3,000.00	(519.71)	82.68 %
460104 - GWMP - Permits	0.00	0.00	100.00	(100.00)	0.00 %
460110 - Basin Wide Water Plan	833.33	7,499.95	10,000.00	(2,500.05)	75.00 %
460111 - Flow Meter Maintenance	0.00	80.00	24,000.00	(23,920.00)	0.33 %
Total Groundwater Management Plan	833.33	16,466.91	53,100.00	(36,633.09)	31.01 %
Groundwater Programs					
460201 - Decommissioned Wells	0.00	7,696.82	19,000.00	(11,303.18)	40.51 %
460203 - GW Levels	0.00	0.00	1,000.00	(1,000.00)	0.00 %
460204 - GW Quality Program	432.00	9,321.41	15,000.00	(5,678.59)	62.14 %
460205 - Mead - NOP	0.00	45.00	100.00	(55.00)	45.00 %
460206 - Monitoring Wells	483.90	4,711.04	25,000.00	(20,288.96)	18.84 %
460209 - Groundwater Programs Other	0.00	273.00	3,000.00	(2,727.00)	9.10 %
460212 - GW Monitoring Equip SQS#2	0.00	0.00	250.00	(250.00)	0.00 %
460213 - GW Memberships and Subscriptions	208.33	4,569.99	8,400.00	(3,830.01)	54.40 %
Total Groundwater Programs	1,124.23	26,617.26	71,750.00	(45,132.74)	37.10 %
Regulatory					
460301 - Chemigation	0.00	293.08	1,000.00	(706.92)	29.31 %
460302 - Irrigation Runoff	0.00	0.00	750.00	(750.00)	0.00 %
Total Regulatory	0.00	293.08	1,750.00	(1,456.92)	16.75 %
Surface Water Programs					
460403 - Stream Flow	0.00	18,190.00	17,800.00	390.00	102.19 %
Total Surface Water Programs	0.00	18,190.00	17,800.00	390.00	102.19 %
Special Projects					
460503 - Special Projects - Other	0.00	0.00	5,000.00	(5,000.00)	0.00 %
460504 - ENWRA	2,500.00	22,500.00	32,000.00	(9,500.00)	70.31 %
460519 - Hydrological Study	0.00	53,754.76	275,000.00	(221,245.24)	19.55 %
460520 - NET Grant	0.00	0.00	70,000.00	(70,000.00)	0.00 %
460521 - Lower Platte Consortium	0.00	0.00	250.00	(250.00)	0.00 %
460522 - Groundwater Management Plan Rev	3,371.50	3,371.50	15,000.00	(11,628.50)	22.48 %
Total Special Projects	5,871.50	79,626.26	397,250.00	(317,623.74)	20.04 %
Land Treatment					
450201 - Ne Buffer Strip	0.00	52,161.76	51,000.00	1,161.76	102.28 %
450204 - Shell Creek	0.00	1,388.65	20,000.00	(18,611.35)	6.94 %
450206 - Emergency Terrace Repair	0.00	0.00	5,000.00	(5,000.00)	0.00 %
450207 - Nswcp Supplement	0.00	0.00	25,000.00	(25,000.00)	0.00 %
450211 - Trees	0.00	0.00	3,000.00	(3,000.00)	0.00 %
450802 - Wahoo Creek Watershed Plan-319	0.00	0.00	30,000.00	(30,000.00)	0.00 %
450803 - Shell Creek Watershed Plan 319	19,161.73	56,331.84	120,000.00	(63,668.16)	46.94 %
450805 - Shell Creek Phase I (New)	0.00	47,463.97	100,000.00	(52,536.03)	47.46 %
450807 - Wahoo Creek Phase II	0.00	0.00	20,000.00	(20,000.00)	0.00 %
450809 - Sand Creek Dams-Conservation	0.00	0.00	50,000.00	(50,000.00)	0.00 %
Total Land Treatment	19,161.73	157,346.22	424,000.00	(266,653.78)	37.11 %
Total Water Expenses	26,990.79	298,539.73	965,650.00	(667,110.27)	30.92 %
Total Expenses	352,760.01	2,446,751.53	4,450,675.00	(2,003,923.47)	54.97 %

Lower Platte North NRD
Supplemental Schedule
Statements of Activities - Actual vs. Budget

	Month Ending 03/31/2024 MTD Actual	Year To Date 03/31/2024 FYTD Actual	Annual Budget June 30, 2024 FY2024	\$ Difference Annual Budget	Percentage Annual Budget
Total Change in Net Position	290,644.51	3,646,937.90	4,890,933.00	(1,243,995.10)	74.57 %

Lower Platte North NRD
Supplemental Schedule
 Statements of Activities - Actual vs. Budget
 Rural Water District - Bruno

	Month Ending 03/31/2024 <small>MTD Actual</small>	Year To Date 03/31/2024 <small>FYTD Actual</small>	Annual Budget June 30, 2024 <small>FY2024</small>	\$ Difference Annual Budget	Percentage Annual Budget
Change in Net Position					
Rural Water Income					
304240 - Water Sales	3,746.00	38,147.75	44,000.00	(5,852.25)	86.70 %
304261 - Other Revenue	3.11	43.37	2,000.00	(1,956.63)	2.17 %
Total Rural Water Income	3,749.11	38,191.12	46,000.00	(7,808.88)	83.02 %
Rural Water District Expenses					
570201 - Water Purchase	2,412.29	21,192.03	16,000.00	5,192.03	132.45 %
570204 - Testing	15.00	135.00	600.00	(465.00)	22.50 %
570206 - Repair	0.00	7.99	1,000.00	(992.01)	0.80 %
570207 - Other Expenses	0.00	0.00	680.00	(680.00)	0.00 %
570208 - Lpnrnd Adm. Fee	187.30	1,907.40	2,200.00	(292.60)	86.70 %
570210 - Health/Life/Vision/LTD - ER	202.16	1,832.67	2,600.00	(767.33)	70.49 %
570211 - Dental - ER	21.72	197.62	300.00	(102.38)	65.87 %
570212 - 414H ER Contributions	84.01	563.66	800.00	(236.34)	70.46 %
570215 - ER Social Security Tax	108.87	775.08	1,080.00	(304.92)	71.77 %
570216 - ER Medicare Tax	25.46	181.24	260.00	(78.76)	69.71 %
570217 - Salaries	1,044.14	5,337.44	10,000.00	(4,662.56)	53.37 %
570219 - Fees And Licenses	17.13	154.17	640.00	(485.83)	24.09 %
570220 - Rural Water One-Call	0.00	4.44	50.00	(45.56)	8.88 %
570221 - Rural Water Hand Tools & Supplies	0.00	19.96	200.00	(180.04)	9.98 %
570222 - RW Dues And Memberships	0.00	220.00	80.00	140.00	275.00 %
570223 - Rural Water Gasoline	39.28	494.36	800.00	(305.64)	61.80 %
570224 - Rural Water Personnel Meeting	91.96	269.96	400.00	(130.04)	67.49 %
570230 - Rural Water Equipment Rental	0.00	0.00	1,000.00	(1,000.00)	0.00 %
570231 - Rural Water Equipment Upkeep	0.00	609.58	1,000.00	(390.42)	60.96 %
570232 - Rural Water Compensated Absences	0.00	0.00	400.00	(400.00)	0.00 %
Total Rural Water District Expenses	4,249.32	33,902.60	40,090.00	(6,187.40)	84.57 %
Total Change in Net Position	(500.21)	4,288.52	5,910.00	(1,621.48)	72.56 %

Lower Platte North NRD
Supplemental Schedule
 Statements of Activities - Actual vs. Budget
 Rural Water District - Colon

	Month Ending 03/31/2024 <small>MTD Actual</small>	Year To Date 03/31/2024 <small>FYTD Actual</small>	Annual Budget June 30, 2024 <small>FY2024</small>	\$ Difference Annual Budget	Percentage Annual Budget
Change in Net Position					
Rural Water Income					
304240 - Water Sales	3,953.35	40,109.31	66,000.00	(25,890.69)	60.77 %
304275 - Colon Hook Up Fees	0.00	0.00	3,000.00	(3,000.00)	0.00 %
304295 - Colon Sewer Fees	2,633.60	22,560.50	30,000.00	(7,439.50)	75.20 %
304261 - Other Revenue	110.43	4,237.74	3,000.00	1,237.74	141.26 %
Total Rural Water Income	6,697.38	66,907.55	102,000.00	(35,092.45)	65.60 %
Investment Income					
304350 - Colon RW Interest - NPAIT	41.15	359.21	320.00	39.21	112.25 %
Total Investment Income	41.15	359.21	320.00	39.21	112.25 %
Rural Water District Expenses					
570201 - Water Purchase	690.71	8,522.73	24,000.00	(15,477.27)	35.51 %
570204 - Testing	15.00	325.00	900.00	(575.00)	36.11 %
570206 - Repair	0.00	23.76	3,000.00	(2,976.24)	0.79 %
570207 - Other Expenses	(59.87)	106.25	1,020.00	(913.75)	10.42 %
570208 - Lpnrnd Adm. Fee	197.67	2,005.49	3,300.00	(1,294.51)	60.77 %
570210 - Health/Life/Vision/LTD - ER	303.23	2,748.92	3,900.00	(1,151.08)	70.49 %
570211 - Dental - ER	32.59	296.51	450.00	(153.49)	65.89 %
570212 - 414H ER Contributions	126.00	845.52	1,200.00	(354.48)	70.46 %
570215 - ER Social Security Tax	134.98	1,021.77	1,620.00	(598.23)	63.07 %
570216 - ER Medicare Tax	31.56	238.94	390.00	(151.06)	61.27 %
570217 - Salaries	2,023.23	10,277.08	15,000.00	(4,722.92)	68.51 %
570219 - Fees And Licenses	25.68	231.12	960.00	(728.88)	24.08 %
570220 - Rural Water One-Call	8.36	41.38	75.00	(33.62)	55.17 %
570221 - Rural Water Hand Tools & Supplies	0.00	50.26	300.00	(249.74)	16.75 %
570222 - RW Dues And Memberships	0.00	330.00	120.00	210.00	275.00 %
570223 - Rural Water Gasoline	23.08	352.72	1,200.00	(847.28)	29.39 %
570224 - Rural Water Personnel Meeting	137.94	404.94	600.00	(195.06)	67.49 %
570230 - Rural Water Equipment Rental	0.00	0.00	1,500.00	(1,500.00)	0.00 %
570231 - Rural Water Equipment Upkeep	0.00	914.37	1,500.00	(585.63)	60.96 %
570232 - Rural Water Compensated Absences	0.00	0.00	600.00	(600.00)	0.00 %
570305 - Colon - Annual Bond Payment	0.00	0.00	3,355.00	(3,355.00)	0.00 %
570308 - Colon Meter House Expense	103.61	747.33	1,250.00	(502.67)	59.79 %
570309 - Colon Sewer Collections	2,633.60	22,560.50	30,000.00	(7,439.50)	75.20 %
570330 - Colon RW Bad Debt Expense	0.00	0.00	1,000.00	(1,000.00)	0.00 %
Total Rural Water District Expenses	6,427.37	52,044.59	97,240.00	(45,195.41)	53.52 %
Total Change in Net Position	311.16	15,222.17	5,080.00	10,142.17	299.65 %

Lower Platte North NRD

Supplemental Schedule - Actual vs. Budget - Capital Expenses and Debt Service Payments

	<u>Year To Date</u> <u>3/31/2024</u> <i>Actual</i>	<u>Year Ending</u> <u>6/30/2024</u> <i>Budget</i>	<u>\$ Difference</u> <u>Annual Budget</u>	<u>Percentage</u> <u>Annual Budget</u>
Capital Improvements - Real Property				
Wahoo Creek Design RCPP (Olsson-WFPO/JEDI Const & Land Right:	105,445.76	2,000,000.00	(1,894,554.24)	0.00%
Wahoo Creek Planning - FYRA - Watershed Plan	0.00	0.00	0.00	0.00%
Wahoo Creek 7 Additional Dams	285,229.16	123,900.00	161,329.16	0.00%
Wahoo Creek Land Rights - Permanent Easements	481,130.00	0.00	481,130.00	0.00%
Office Remodel/New Office Drawings	266,171.75	500,000.00	(233,828.25)	0.00%
Cottonwood 21A	141,423.12	100,000.00	41,423.12	0.00%
Wanahoo Stilling Basin Concrete Overlay	0.00	0.00	0.00	0.00%
Wanahoo Utility Improvements	9,976.25	0.00	9,976.25	0.00%
Wanahoo Fish Cleaning Station/Road Paving	0.00	80,000.00	(80,000.00)	0.00%
Wanahoo Marina/General Store	0.00	90,000.00	(90,000.00)	0.00%
District Wide Flood Reduction Sinking Fund	0.00	400,000.00	(400,000.00)	0.00%
JWMAB Sinking Fund	0.00	440,000.00	(440,000.00)	100.00%
Total Capital Improvements - Real Property	<u>1,289,376.04</u>	<u>3,733,900.00</u>	<u>(2,444,523.96)</u>	<u>34.53%</u>
Capital Outlay				
Machinery & Equipment (Tractor JD 6155 w/duals, Mini Excavator, Batwing 15' Shredder, Trailer)	210,837.12	288,000.00	(77,162.88)	0.00%
Auto and Trucks (1 Ton Truck, Replacement Vehicle)	97,354.62	93,000.00	4,354.62	0.00%
Computer Equipment (server)	9,372.00	11,000.00	(1,628.00)	0.00%
Phoenix Data Base	8,635.00	20,000.00	(11,365.00)	0.00%
Flow Meter/UNL chemigation Project	0.00	31,700.00	(31,700.00)	0.00%
Monitoring Well Equipment (In-Situ)	89,877.00	95,000.00	(5,123.00)	0.00%
Other Capital Outlay - Equipment	0.00	0.00	0.00	0.00%
Total Capital Outlay	<u>416,075.74</u>	<u>538,700.00</u>	<u>(122,624.26)</u>	<u>0.00%</u>
Debt Service Payments				
Colon RW Note	3,355.00	3,355.00	0.00	100.00%
Total Debt Service Payments	<u>3,355.00</u>	<u>3,355.00</u>	<u>0.00</u>	<u>100.00%</u>
Grand Total All Expenses w/o Depreciation	<u><u>4,241,505.50</u></u>	<u><u>8,763,960.00</u></u>	<u><u>(4,522,454.50)</u></u>	<u><u>48.40%</u></u>

Week #1


Lower Platte North NRD Time Sheet

Name Eric Gottschalk

Period Covered 3/9/24 to 3/15/24

You must enter "pm" for times after 12:59 or the form will not calculate correctly!

	Date	Start Time	Stop Time	Work Hours	Other Hours	Duties Performed	Miles	Meals	Other Exp.
Sat	3/9								
Sun	3/10								
Mon	3/11	7:30 am	6:30 pm	11.00		Board meeting prep, Board meeting and follow-up			
Tues	3/12	8:00 am 1:30 pm	12:45 pm 3:45 pm	7.00		Staff meeting, Board meeting follow-up, Time sheets,			
Wed	3/13	7:45 am	3:45 pm	8.00		District management, National Guard, NEMA meetings - Ed. Building, Wahoo Creek,			
Thurs	3/14	7:45 am	12:00 pm	4.25		DC trip prep, Wahoo Creek Easement discussion Personnel, Wanahoo recreation planning			
Fri	3/15	7:45 am	12:00 pm	4.25		District management, budget review,			
Week #1 Totals				34.5	0		0	\$0.00	\$0.00

Supervisor Manager Assistant Manager _____ Treasurer _____
 _____  _____
 Date 3/22/24 Date _____ Date _____

I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT
 _____ 3/22/24 _____
 Signature of person filing form Date

Expenses

Mileage x 0.67	\$ 0.00
Meals	\$0.00
Other Exp.	\$0.00
Total	\$ 0.00

Week #2

Lower Platte North NRD Time Sheet

Name Eric Gottschalk

Period Covered 3/16/24 to 3/22/24

You must enter "pm" for times after 12:59 or the form will not calculate correctly!

	Date	Start Time	Stop Time	Work Hours	Other Hours	Duties Performed	Miles	Meals	Other Exp.
Sat	3/16				8.00	Travel to Washington D.C. - NARD			
Sun	3/17								
Mon	3/18				8.00	NARD - D.C. conference			
Tues	3/19				8.00	NARD - D.C. conference			
Wed	3/20				8.00	NARD - D.C. conference Return travel			
Thurs	3/21	8:00 am 1:45 pm	12:45 pm 3:45 pm	6.75		e-mail/mail catch-up, Personnel, District management			
Fri	3/22	7:45 am 1:45 pm	1:00 pm 4:00 pm	7.50		Wahoo Creek easement meeting - Snitley, District management, personnel,			
Week #2 Totals				14.25	32		0	\$0.00	\$0.00
Totals Week #1				34.5	0		0	\$0.00	\$0.00
Two Week Totals				48.75	32		0	\$0.00	\$0.00

Annual Leave & Sick Leave

	Previous Balance	Earned This Pay Period	Used This Pay Period	New Balance
Annual Leave	240.00	8.00	0.00	248.00
Sick Leave	736.00	4.00	0.00	740.00

RESET FORM

This will delete ALL data on form, including name, AL/SL values and Program Areas labels.

#	Program Areas	Hours
11	Administration	35.50
14	District Management	37.00
15	Personnel	7.50
31	I&E Administration	
41	O&M Administration	
51	Projects Administration	
61	Water Administration	
71	Rural Water Administration	
52	Conservation Program	
Holiday		
1	Annual Leave	
2	Sick Leave	
Other		

Total: 80

Week #1

Lower Platte North NRD Time Sheet

Name Eric Gottschalk

Period Covered 3/23/24 to 3/29/24

You must enter "pm" for times after 12:59 or the form will not calculate correctly!

	Date	Start Time	Stop Time	Work Hours	Other Hours	Duties Performed	Miles	Meals	Other Exp.
Sat	3/23								
Sun	3/24								
Mon	3/25				8.00	A.L.			
Tues	3/26	7:45 am 1:45 pm 5:00 pm	1:00 pm 3:45 pm 6:00 pm	8.25		Retreat prep, Time sheets, Personnel, Budget tracking, NARD Benefits Committee, JEO - New Round-a-bout			
Wed	3/27	8:00 am 1:30 pm 5:00 pm	12:45 pm 3:45 pm 8:30 pm	10.50		Wanahoo envelopes, Committee prep, Director's Retreat prep, Water Committee meeting			
Thurs	3/28	7:45 am 1:30 pm	12:45 pm 6:00 pm	9.50		Operations Committee, Exec. Committee, Director's Retreat, Committee & Board Follow-up			
Fri	3/29	8:00 am	12:30 pm	4.50	4.00	Committee follow-up, District Management			
Week #1 Totals				32.75	12		0	\$0.00	\$0.00

Supervisor Manager Assistant Manager _____ Treasurer _____

Date 4/8/24 Date _____ Date _____ Date _____

I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT

Signature of person filing form

Date

Expenses

Mileage x 0.67	\$ 0.00
Meals	\$0.00
Other Exp.	\$0.00
Total	\$ 0.00

Week #2

Lower Platte North NRD Time Sheet

Name Eric Gottschalk

Period Covered 3/30/24 to 4/5/24

You must enter "pm" for times after 12:59 or the form will not calculate correctly!

	Date	Start Time	Stop Time	Work Hours	Other Hours	Duties Performed	Miles	Meals	Other Exp.
Sat	3/30								
Sun	3/31								
Mon	4/1	7:30 am 1:30 pm 6:15 pm	12:30 pm 3:45 pm 8:00 pm	9.00		District Management, Wahoo Creek, Budget review, Personnel			
Tues	4/2	7:45 am 12:30 pm	12:00 pm 2:15 pm	6.00		Skull & Bone Creek tour			
Wed	4/3	7:45 am 1:30 pm	12:45 pm 4:00 pm	7.50		Mail, NRCS discussion - Cottonwood 21A, Personnel, District Management			
Thurs	4/4	7:45 am 1:30 pm	12:45 pm 4:00 pm	7.50		Board meeting prep, Set Your Site Zoom meeting - Wanahou Planning, LPS Inter local discussion			
Fri	4/5				5.25	A.L.			
Week #2 Totals				30	5.25		0	\$0.00	\$0.00
Totals Week #1				32.75	12		0	\$0.00	\$0.00
Two Week Totals				62.75	17.25		0	\$0.00	\$0.00

Annual Leave & Sick Leave

	Previous Balance	Earned This Pay Period	Used This Pay Period	New Balance
Annual Leave	240.00	8.00	13.25	234.75
Sick Leave	740.00	4.00	0.00	744.00

RESET FORM

This will delete ALL data on form, including name, AL/SL values and Program Areas labels.

#	Program Areas	Hours
11	Administration	27.00
14	District Management	33.75
15	Personnel	2.00
31	I&E Administration	
41	O&M Administration	
51	Projects Administration	
61	Water Administration	
71	Rural Water Administration	
52	Conservation Program	
Holiday		
1	Annual Leave	13.25
2	Sick Leave	
Other		4.00

Total: 80

Week #1

Lower Platte North NRD Time Sheet

Name Eric Gottschalk

Period Covered 4/6/24 to 4/12/24

You must enter "pm" for times after 12:59 or the form will not calculate correctly!

	Date	Start Time	Stop Time	Work Hours	Other Hours	Duties Performed	Miles	Meals	Other Exp.
Sat	4/6								
Sun	4/7								
Mon	4/8	7:45 am 2:15 pm 5:45 pm	1:15 pm 4:15 pm 8:30 pm	10.25		Leadership Team meeting, Wanahoo deposits, Board meeting prep, Monthly Board Meeting			
Tues	4/9	7:45 am 1:45 pm	10:30 am 4:00 pm	5.00		District Mgt. Time sheets, mail, Board meeting follow-up			
Wed	4/10	7:45 am 1:30 pm 6:00 pm	12:30 pm 3:45 pm 8:00 pm	9.00		Personnel, Budget review District mgt. Wahoo Creek LiveWell GoFish meeting			
Thurs	4/11	7:45 am 1:45 pm	1:00 pm 5:15 pm	8.75		Development Meeting with Set-Your-Sites, Coffee Lakeside, Personnel, Phone meeting with NRCS- Wahoo Creek			
Fri	4/12				7.00	Out 7.0 A.L.			
Week #1 Totals				33	7		0	\$0.00	\$0.00

Supervisor _____ Manager [Signature] Assistant Manager _____ Treasurer _____

Date _____ Date 4/24/24 Date _____ Date _____

I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT

[Signature]
Signature of person filing form

4/24/24
Date

Expenses

Mileage x 0.67	\$ 0.00
Meals	\$0.00
Other Exp.	\$0.00
Total	\$ 0.00

Week #2

Lower Platte North NRD Time Sheet

Name Eric Gottschalk

Period Covered 4/13/24 to 4/19/24

You must enter "pm" for times after 12:59 or the form will not calculate correctly!

	Date	Start Time	Stop Time	Work Hours	Other Hours	Duties Performed	Miles	Meals	Other Exp.
Sat	4/13	8:00 pm	11:45 pm	3.75		Wanahoo Education building security issues			
Sun	4/14								
Mon	4/15	7:30 am 1:30 pm	1:00 pm 3:45 pm	7.75		Wanahoo envelopes & deposits, Skull/Bone creek discussions, Leadership team District Mgt			
Tues	4/16	7:45 am 1:30 pm	12:45 pm 3:45 pm	7.25		Personnel, District Mgt. Committee prep, fiscal year planning, Budget review,			
Wed	4/17	7:45 am 1:00 pm 5:00 pm	9:15 am 3:45 pm 6:00 pm	5.25	3.00	3.0 S.L. - Dr. Appt. Wahoo Creek, LPN Policy review			
Thurs	4/18	1:30 pm	5:00 pm	3.50	2.25	District Management, Personnel, Wahoo Creek 2.25 A.L.			
Fri	4/19	7:30 am 1:15 pm	12:15 pm 3:45 pm	7.25					
Week #2 Totals				34.75	5.25		0	\$0.00	\$0.00
Totals Week #1				33	7		0	\$0.00	\$0.00
Two Week Totals				67.75	12.25		0	\$0.00	\$0.00

Annual Leave & Sick Leave

	Previous Balance	Earned This Pay Period	Used This Pay Period	New Balance
Annual Leave	234.75	8.00	9.25	233.50
Sick Leave	744.00	4.00	3.00	745.00

RESET FORM

This will delete ALL data on form, including name, AL/SL values and Program Areas labels.

#	Program Areas	Hours
11	Administration	29.50
14	District Management	33.25
15	Personnel	5.00
31	I&E Administration	
41	O&M Administration	
51	Projects Administration	
61	Water Administration	
71	Rural Water Administration	
52	Conservation Program	
Holiday		
1	Annual Leave	9.25
2	Sick Leave	3.00
Other		

Total: 80

Lower Platte North Natural Resources District
Accounts Receivable Aging Summary as of 3/31/24

Accounts Receivable acct 105000

Customer	Invoice/Purpose	Current	0-30 Days	31-60 Days	61 and Over	Totals
Bruno/David City RW Customers	Multiple	5618.35	0.00	0.00	0.00	5,618.35
Colon RW Customers	Multiple	6601.40	0.00	0.00	0.00	6,601.40
DEE 319 Funds	Bill Bos Payroll	2949.62	1636.28	1830.05	11,529.33	17,945.28
	Sell Creek Septic - Reed - Miller - Brabec - Runge - Goedeken/Helmer	16,212.11	0.00	5,083.52	15,797.76	37,093.39
Department of Natural Resources	FYRA - Wahoo Creek WS Plan/EA & WSF	0.00	0.00	0.00	3,168.00	3,168.00
	Hydrological Study - Oehlrich	0.00	600.00	0.00	0.00	600.00
FEMA	Bobcat of Omaha - 428 Funds	0.00	0.00	0.00	95,136.79	95,136.79
	O&M - Ty's Outdoor Power	0.00	0.00	0.00	864.48	864.48
	TelePole Prunner - Ty's Outdoor Power	0.00	0.00	0.00	605.62	605.62
	Elway Power Sports of Lincoln	0.00	0.00	0.00	17,822.29	17,822.29
	Platte Valley Equipment - 428 Funds - Mower	0.00	0.00	0.00	23,146.84	23,146.84
	UBT Visa - 428 Funds (captial outlay small items)	0.00	0.00	0.00	1,037.83	1,037.83
	428 Fema Funds - Anderson Ford Lincoln-Klute Truck Equip-Platte Valley Equip	0.00	180,978.41	5,281.76	50,475.60	236,735.77
JEDI	Olsson - Wahoo Creek WS & 7 Dam Sites Phase II	8,520.13	693.03	1,023.42	71,268.45	81,505.03
	Olsson - Wahoo Creek WS - 3 Dam Sites	0.00	0.00	0.00	6,511.68	6,511.68
	Olsson - Wahoo Creek Real Estate Services	5,259.31	1,533.24	9,232.53	27,224.03	43,249.11
	Houston Engineering - Wahoo Creek WS Planning	0.00	0.00	0.00	2,358.75	2,358.75
	Great Plains Appraisal Co - Wahoo Creek Appraisals	0.00	0.00	0.00	75,400.00	75,400.00
	1031 of the Plains, LLC -Mike Kubik Permanent Easement	481,130.00	0.00	0.00	0.00	481,130.00
NDEE	Shell Creek 319 - Rivalry	0.00	0.00	0.00	294.33	294.33
NET	Shell Creek NET - Travel Stipend - Miller (65)/Seier (65)/Newman Grove Pub Schools (0.00	0.00	0.00	208.93	208.93
	Shell Creek Testing Supplies - Forestry Suppliers	0.00	0.00	0.00	267.80	267.80
	Shell Creek - UBT Visa (April-957.50/July-550/Aug-998.84)	0.00	0.00	0.00	2,506.34	2,506.34
	Forestry Suppliers - Sampling Supplies	0.00	0.00	0.00	154.40	154.40
	UBT Visa - Shell Creek WS Plan	0.00	0.00	0.00	186.95	186.95
	SWCS Registration - Chapman & Stipend - Moomey	0.00	0.00	0.00	1,390.00	1,390.00
	Shell Creek NET - Bos Payroll	0.00	0.00	0.00	8,310.59	8,310.59
	Solar Well Upgrade - Siefken, Saalfeld	0.00	0.00	0.00	28,446.19	28,446.19
	Shell Creek NET - Rivalry	0.00	0.00	0.00	294.33	294.33
	Shell Creek NET - Grade Stabilization Structure - Sprunk	0.00	0.00	0.00	18,333.45	18,333.45
NRCS Federal	Cottonwood 21A - HDR Engineering	16,514.26	43,323.95	2,006.90	79,578.01	141,423.12
NRCS WFPO	Olsson Assoc - Wahoo Creek WS & Dam Sites Phase II	10,027.92	20,233.31	21,980.81	20,127.94	72,369.98
NRD	Wahoo Lions Club - Gottschalk	0.00	0.00	0.00	0.00	0.00
		552,833.10	248,998.22	46,438.99	562,446.71	1,410,717.02







Wanahoo Hay Bids 2024

Bid for Areas on Wanahoo

<u>Name Bidder</u>	Wildlife "A"	Wildlife "B"	Wildlife "C"	Czech.	Homestead
Meduna Family Farms	\$ 30.00	\$ 30.00	\$ 30.00		
Dan Kadavy		\$116.50	\$ 95.00	\$127.50	<u>\$127.50</u>
Matt Sullivan	<u>\$147.00</u>	<u>\$146.00</u>	<u>\$110.00</u>	<u>\$139.00</u>	
Ken Cejka	\$102.00			\$ 88.00	
Skyler & Clint Ratkovec	\$ 86.50	\$ 86.50	\$ 86.50	\$ 86.50	\$ 86.50
Bryan Machovec	\$ 80.00				
Chuck Andel					\$ 59.00
Dan Ourada				\$ 81.50	

High Bids for the areas are Underlined.

January 22, 2024

Mr. Bob Heimann
O & M Manager
Lower Platte North Natural Resources District
5111 Commercial Park Road
Wahoo, NE 68066

RE: **648 South River Road – Ashland, Nebraska 68003**

On March 19, 2019 our home located at 648 S River Road, Ashland, Nebraska 68003 was swept down the Platte River when the home's foundations were undermined due to the coincidence of several extreme weather conditions and failure of the systems flood control. As time passed, the river continued to scour the bank and erode our property.

Contractors began to restore the river's bank in late May 2020 and the reclamation project was completed in early September. The bank of the river was restored as illustrated in their submission shown below. Conversations with the contractor from Louisiana indicated that he had been restoring river banks in this manner for the last 40 years and has yet to be called back to repair a failed bank or shoreline constructed or restored in this manner.

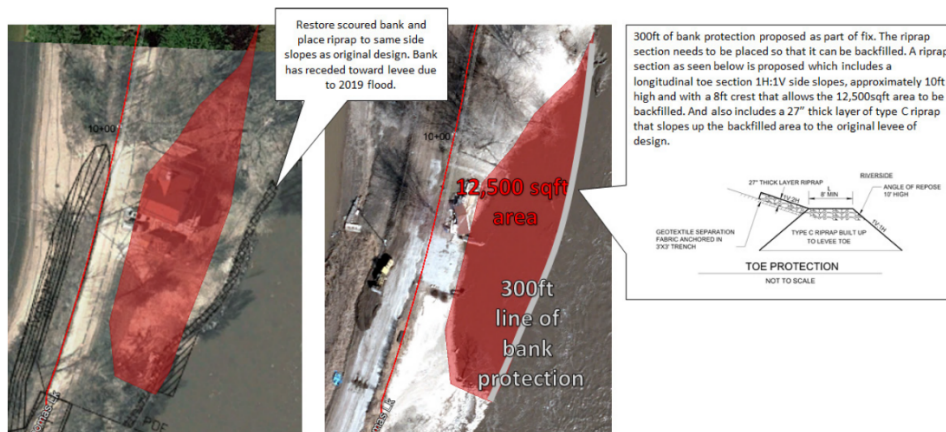


Figure 18. Sketch of the repair section between station TL 0+00 and TL 2+00.

Table 5. Rock quantities for bank protection from TL 0+00 and TL 2+00.

Length	Area	Volume	Mass	Mass w/ 15% Contingency
(ft)	(ft ²)	(yd ³)	(tons)	(tons)
300	231	2560	4223	4856

We are requesting permission from the Lower Platte North Natural Resources District and the Corps of Engineers to rebuild on the reclaimed land with the improved fortified riverbank.

Thank you for assisting us with this request and please do not hesitate to contact me if you have any questions with regards to this request.

Sincerely,

Vance K. Behrens



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, OMAHA DISTRICT
1616 CAPITOL AVENUE
OMAHA, NE 68102-4901

April 10, 2024

Mr. Eric Gottschalk
General Manager
Lower Platte North Natural Resources District
P. O. Box 126
Wahoo, Nebraska 68066

Dear Mr. Gottschalk:

This is in response to the 22 January 2024 letter of request from Mr. Vance Behrens to Mr. Bob Heimann of your staff regarding Mr. Behrens' property at Lot 47 in the Thomas Lakes development. A copy of that letter was provided to Mr. Lowell Blankers, the Omaha District Levee Safety Program Manager. The request was to allow a new house to be constructed on the property to replace the house destroyed in the March 2019 flood. That property and several other lots located riverward of the South River Circle roadway are covered by permanent flowage easements obtained and administered by the Lower Platte North Natural Resources District (NRD) to meet the mitigation requirements of the National Flood Insurance Program (NFIP) for impacts from the Western Sarpy-Clear Creek (WSSC) Flood Risk Reduction Project.

The USACE has determined that the easements obtained to meet NFIP requirements were not features of the WSSC Project and proposed construction within the easements do not require Section 408 Permission or other USACE approval. Allowing structures to be built within the flowage easement is solely at the discretion of the Lower Platte North NRD.

However, the USACE does recommend that the NRD not allow any new structures on any of the flowage easements. In particular, additional habitable structures within the flowage easements, such as the house requested by Behrens, would result in significant additional risk of life-loss during a flood. The rapid bank erosion during the 2019 flood demonstrated that Lot 47 was a particularly dangerous location.

The USACE had extensive involvement with the WSSC Project Sponsors in identifying the adverse hydraulic impacts from the Project and developing the mitigation plan. The following provide additional details on the function of the easements relative to the NFIP.

The easements were a component of mitigation for increases in the Base Flood Elevations (BFE) of the Platte River resulting from the construction of the levees for the WSCC Project. In order for Saunders County and Sarpy County to remain in good standing with the NFIP a Conditional Letter of Map Revision (CLOMR) dated May 24, 2006 was obtained from the Federal Emergency Management Agency (FEMA). The Omaha District Flood Risk and Floodplain Management Section (FRFM) provided the technical information for the CLOMR submittal and engineer's sign-off by the FRFM Chief.

To obtain the CLOMR, the WSCC Project Sponsors (Lower Platte North NRD, Lower Platte South NRD and Papio-Missouri River NRD) were required to mitigate all structures affected by the higher BFE induced by the project in the area between the left bank and right bank levees. The purpose of the mitigation was to avoid increased flood risk to any structures that were eligible to be insured by the NFIP.

A Mitigation Plan was developed, which was provided to FEMA in the CLOMR application. FEMA accepted the proposed mitigation for the impacted structures, which allowed the property owners to select either purchase by the Sponsors and demolition or elevation to 2 feet above the with-project BFE. The then-owner of the Lot 47 property chose to have the residence on the lot elevated at NRD expense. The Mitigation Plan also provided for the NRD to acquire a permanent flowage easement on Lot 47 and on all the properties where mitigation was done to preclude future development, even if development would be allowed by state and local floodplain management regulations.

As previously stated, the flowage easements are not features of the WSCC Project and the costs of the easements (and other mitigation costs) were not credited to the Sponsors' cost-share for the Project. The Sponsors are responsible for the flowage easements including requests from owners for alterations or improvements on properties covered by the easements. Such requests may be approved or disapproved at the Sponsor's discretion.

Mr. Behrens letter mentions the restoration of the river bank at his property by a contractor. That work was part of the post-flood repairs following the 2019 event. The USACE restored the right bank in that area to its approximate pre-flood alignment and extended the Clear Creek Project riprap bank protection several hundred feet upstream from its pre-flood limit. The bank repair and riprap extension were installed to reduce the potential for erosion into the Clear Creek Project line-of-protection, which follows River Road in that area of Thomas Lakes.

The restoration of the river bank and adjacent ground at Lot 47 was incidental to the extension of the Clear Creek Project riprap and was not designed to reduce the risk of erosion damage to the private property adjacent to the river bank. The riprap extension cannot be considered to have eliminated the risk of damage or destruction to the structures along the riverbank or the potential for life loss during a flood.

In summary, approval of any construction on the flowage easements obtained for the May 24, 2006 CLOMR is solely at the discretion of the Lower Platte North NRD. However, the USACE recommends that no new structure be constructed on Lot 47, or any of the other flowage easements, due to the significant flood hazard and risk of property damage and life loss. Construction of any new structures within the flowage easements would also be contrary to the intent of the Mitigation Plan required for approval of the May 24, 2006 CLOMR.

If the NRD does allow the replacement of the house on Lot 47, the building footprint should be no larger than that of the original house. It will be the owner's responsibility to have a Professional Engineer determine whether the soil placed by the USACE at that location for the riprap construction would provide a suitable foundation. The construction would be within the critical area of the Clear Creek Project and so a technical review should be submitted to USACE once plans are finalized.

If you have any questions, please contact me at (402) 995-2349. Questions regarding the technical reviews for construction in the vicinity of the WSCC Project area should be addressed to Mr. Lowell Blankers, Omaha District Levee Safety Program Manager, at (402) 995-2323. Copies of this letter are being provided to the other WSCC Project Sponsors: Mr. John Winkler, General Manager of the Papio-Missouri River NRD, and Mr. Mike Sousek, General Manager of the Lower Platte South NRD.

Sincerely,



Kellie K. Bergman, P. E.
Chief, Hydrologic Engineering Branch
Engineering Division
Omaha District

cc:
John Winkler
Mike Sousek







Diode

TECHNOLOGIES

PROPOSAL NAME:

PTZ Link

PROPOSED TO:

Eric Gottschalk

PREPARED BY:

Chandler Sandman

DATE PROPOSED:

3/21/2024

Scope of Work

This proposal is for creating a point-to-point network connection at the pole location across from the education center for the Lower Platte North NRD. This network connection will feed the PTZ camera being mounted on the pole, along with the mounting of the camera itself and programming.

Project Notes:

- NRD will provide power at the pole.
- We have included a weatherproof enclosure for equipment, but that can also be removed if electrician is providing.

Diode Technologies



2

UBIQUITI NANOBEAM AIRMAX
UBIQUITI NANOBEAM AIRMAX AC CPE RADIO, 5 GHZ - US.
M5



150

Ubiquiti Tough Cable
Tough Cable Pro by UBNT

1

WEATHERPROOF ENCLOSURE
EXM 12X12X7 N3R WEATHERPROOF ENCL
HINGE COVER W/ BACK PANEL



1

Trendnet 5 Port PoE Switch
4GIG-POE+1GIG-PRT/31WATTS

\$2,338.8

Grand Total

Misc Parts: \$28.4

Project Management: \$123.9

Shipping & Tariff: \$17.0

Sales Tax: \$0.0

Total: \$2,508.20

Terms and Conditions

This proposal is valid for a period of up to 30 days from the date of the proposal.

Payment Schedule:

- 50% down payment is required to initiate the project.
- Completed work will be billed monthly.
- Remaining balance due after completion of the project.

*Prewiring for system installation will be billed at 100% after completion. No ordering of equipment will be made until 100% payment of prewire is received.

Final payments are due upon receipt of final invoice. Failure to pay in full will accrue 16% APR.

****3% credit card processing fee applies for invoices paid over \$3,000.**

Project Process:

1. Signed Proposal
2. 50% down payment
3. Ordering, Staging, and Programming of equipment
4. Scheduling of Project
5. Final Payment Billed at Completion of Project
6. Introduction and Handoff to Service Team for Future Assistance

Service Process:

1. Contact Diode Technologies at 402-793-5124
2. All Service Requests are documented by Diode Customer Service Representatives
3. Support Specialists will contact customer to determine best course of action to resolve the issue.
 - a. Remote support will be provided as a first course of action.
 - b. An on-site technician will be scheduled and dispatched if needed.

The following conditions or circumstances may affect the final billing amount and/or project timeline.

1. DT does not provide 110v electrical service to power our system design. A properly licensed electrical contractor may be needed, and the Customer is responsible for providing code and load compliant power outlets as detailed in this proposal.
2. Change orders to the original scope of work will typically incur additional material and potential labor costs and will be provided upon request.
3. Change orders may also require a delay in original estimated completion dates and additional return trip labor costs. Original project will be billed as completed, and additional change orders will be billed separately.
4. DT has estimated normal above ceiling wiring access routes for cabling to meet local codes. If unusual installation circumstances (excessive firewalls or depth of walls deeper than 8" masonry block above ceiling) that require additional labor hours, customer will be advised by DT PM during the installation process.
5. Normal material order, shipping, handling and staging of equipment is begun after the down payment is received and typically takes 4-5 weeks for scheduling and delivery; however, a manufacturer may occasionally have a delay sourcing parts which may result in a delay. The DT project manager will advise if this situation occurs.
6. Expedited installation requests require overtime scheduling of technicians which may increase the costs of the project and will be handled on a case-by-case basis depending on current installation commitments to our customers at the time.
7. If underground trenching is required, any unusual or unanticipated impediments can significantly impact our proposal estimate ultimately the cost to the customer. The customer will be advised of additional cost factors before works proceeds.
8. Aerial cable runs may be sub-contracted out and priced separately from our proposal.
9. Weather conditions, lightning strikes or other acts of God may impact estimated completion date and DT will not be responsible for costs associated with these types of delays.
10. Every effort will be made to complete our installations as planned; however, unforeseen circumstances or delays out of our control will be communicated as quickly as possible.
11. Delays in site availability or agreed upon payment schedule may result in DT rescheduling delivery and adjusting completion dates.

Additional Terms

Diode Technologies makes no guarantee and assumes no liability for the use, operation and maintenance of any installed equipment and any associated equipment.

The customer agrees to fully and completely indemnify and hold harmless Diode Technologies, LLC, its successors and assigns, from and against any and every

Diode Technologies

claim loss, damage, suit or liability arising out of the furnishing equipment including, without limitation, any claim, loss, damage, suit or liability involving damage to or destruction of property or personal injury to or death of livestock or persons which arises, or is claimed to arise, directly or indirectly, with or without negligence out of the installation, use, maintenance, operation, failure of operation, or malfunction of equipment on the premises of the customer. Equipment is not actively monitored by Diode Technologies, LLC or any other 3rd party service.

Customer acknowledges by signature below that customer has read, understands and accepts the above conditions for services provided by Diode Technologies LLC.

Media Release

I, Eric Gottschalk, hereby grant permission to Diode Technologies hereinafter known as the "Media" to use my image or images taken of my project (photographs and/or video) for use in Media publications in places that include, but are not limited to, their website, social media accounts, or email.

I hereby waive any right to inspect or approve the finished photographs or electronic matter that may be used in conjunction with them now or in the future, whether that use is known to me or unknown, and I waive any right to royalties or other compensation arising from or related to the use of the image.

Upon signing this proposal, I agree to the paragraph below which is applicable to my present situation:

I have read this release before signing the proposal, and I fully understand the contents, meaning and impact of this release. I understand that I am free to address any specific questions regarding this release by submitting those questions in writing prior to signing, and I agree that my failure to do so will be interpreted as a free and knowledgeable acceptance of the terms of this release.

Eric Gottschalk

Date: _____



Chandler Sandman

Date: 3/21/2024

Rediscover the Outdoors

Kick back and relax for a weekend getaway at one of three recreation areas near you! Czechland Lake near Prague, Homestead Lake near Bruno, or Lake Wanahoo near Wahoo.



LOWER PLATTE NORTH
Natural Resources District

Rediscover the Outdoors

Kick back and relax for a weekend getaway at one of three recreation areas near you! Czechland Lake near Prague, Homestead Lake near Bruno, or Lake Wanahoo near Wahoo.



LOWER PLATTE NORTH
Natural Resources District

CHEMIGATION PERMIT APPLICATIONS

Producers who are certified to chemigate crops must have a valid permit with the NRD by **June 1st**.

Visit lpnnrd.org/downloads to download a permit application or call 402-443-4675.



LOWER PLATTE NORTH
Natural Resources District

CHEMIGATION PERMIT APPLICATIONS

Producers who are certified to chemigate crops must have a valid permit with the NRD by **June 1st**.

Visit lpnnrd.org/downloads to download a permit application or call 402-443-4675.



LOWER PLATTE NORTH
Natural Resources District

2024 Butler County Fair Sponsorship

Please mail this page prior to May 1st to allow us to get proper signage done before the fair. After the deadline may limit the amount of advertisement.



Purple Ribbon Sponsor (\$50 - \$250)

- Name listed on back of schedule flyer



1st In Class Sponsor (\$500)

- Name listed on back of schedule flyer
- Logo Shown on Large Banner
- Name on Advertisement Poster



Champion Sponsor (\$1,000)

- Name listed on back of schedule flyer
- Logo Shown on Large Banner
- Name on Advertisement Poster
- 2 Tractor Pull General Admission Tickets
- 2 Concert Admission Tickets



Grand Champion Sponsor (\$2,500)

- Name listed on back of schedule flyer
- Logo Shown on Large Banner
- Logo on Advertisement Poster
- Social Media Post
- Free Vendor Booth (Optional)
- 2 Tractor Pull General Admission Tickets
- 2 Concert Admission Tickets



Supreme Champion Sponsor (\$5,000+)

- Name listed on back of schedule flyer
- Logo Shown on Large Banner
- Logo on Advertisement Poster
- Social Media Post
- Free Vendor Booth (Optional)
- Banner at Entrance
- 4 Tractor Pull General Admission Tickets
- 4 Concert Admission Tickets
- 4 Beer Garden Tickets

Total Sponsorship \$_____

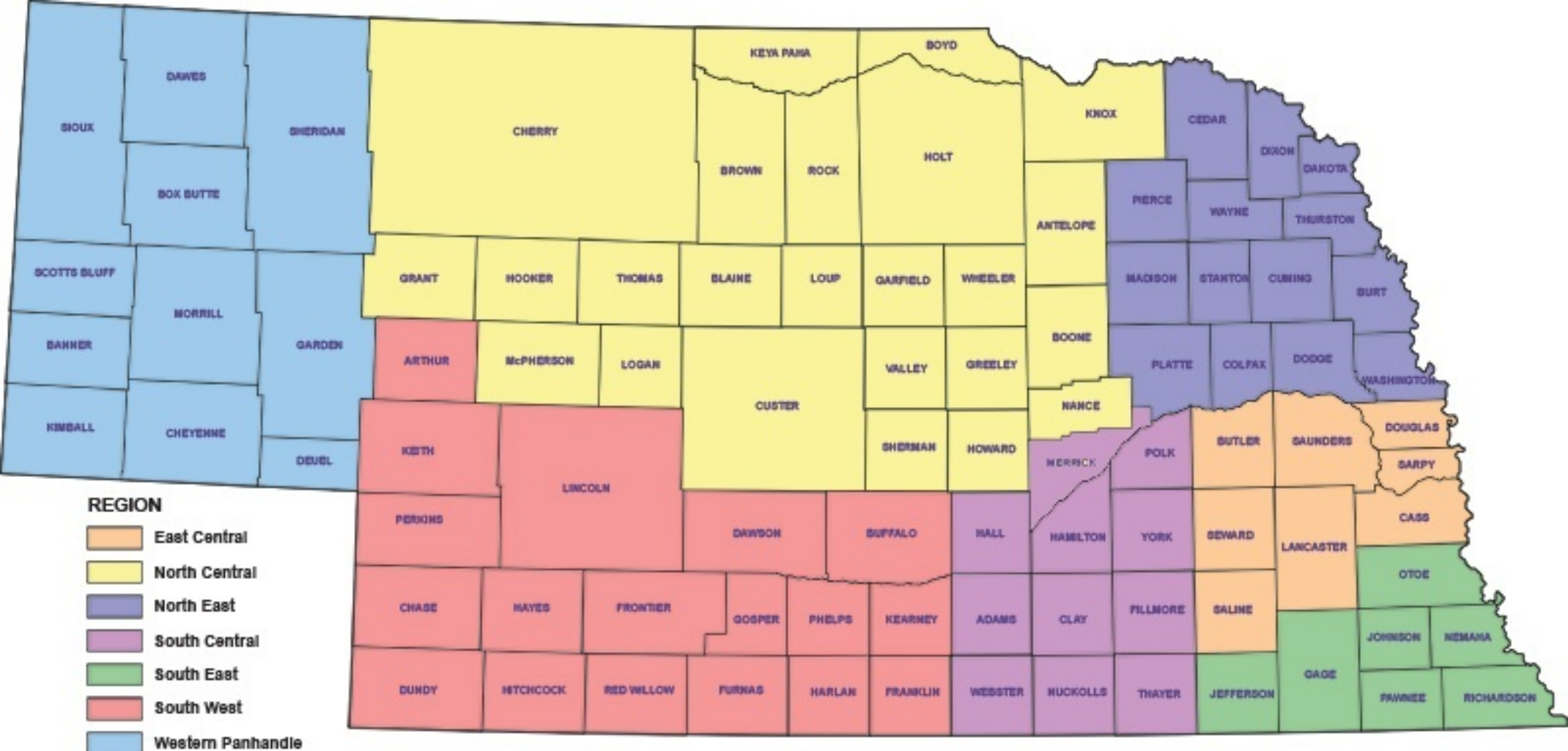
Additional Feature Options:

-Outlaw Tractor Pulls (Minimum of \$500) *Logo will be displayed during pull on big screen.* \$_____

-Concert (Minimum of \$500) *Logo will be at locations determined by amount donated.* \$_____

Business Name: _____

Check Enclosed: Check # _____ Checks Payable to: Butler County Ag Society
Mail form with payment to Butler County Fair, PO Box 6, David City, NE 68632.



Tri City Meters, Inc.
 210 E. Front St.
 P O Box 126
 Alda, NE. 68810



SALES INVOICE

Date	Invoice #
4/16/2024	19991

Please Remit Payment to: P.O. Box 126 Alda, NE. 68810-0126

Bill To:

Ship To:

Lower Platte North NRD
 511 Commercial Park Rd
 Wahoo, NE 68066

P.O. No.	Terms	Ship Date	Ship Via
	Due on receipt	4/11/2024	

Item	Quantity	Description	Rate	Amount
LPNRD Meter Ser...	255	2023 Meter Service Meter Service work in LPNRD Mechanical Meters	60.00	15,300.00
LPNRD Meter Ser...	11	Meter Service work in LPNRD Electronic Meters Senninger/Seametrics	75.00	825.00
SI7400-0011	14	Batteries f/ Signet 8150	18.00	252.00
Sea31126-00	4	SeaMetric Battery Pack 7.2V for AG2000	90.00	360.00
Total				\$16,737.00

Payment Terms: - Invoice amount shall be due and payable in thirty (30) days from invoice date.
 - Interest at 1.5 percent per month shall be accrued on any unpaid past due balance.

This Invoice is Subject to the Policies, Terms, and Conditions Set Forth on the Reverse Side.

Phone #	Fax #	E-mail
308-379-2013	308-382-1811	tricitymeters@gmail.com

LOWER PLATTE BASIN WATER MANAGEMENT COALITION
FIFTH REPORTING PERIOD: JAN 1, 2023 TO DECEMBER 31, 2023

TABLE 1 - PEAK SEASON DEPLEITIONS

NRD	Peak Season					Combined Percent of Allowable
	Remaining 5-YR Allowable Depletion (AF)	2023 NRD Reported NET Depletion (AF)	NRD - Percent of Allowable	2023 NeDNR Reported Depletion (AF)	NeDNR - Percent of Allowable	
Upper Loup NRD	5393.46	39.5	0.7%	0.0	0.0%	0.7%
Lower Loup NRD	11928.68	-11.7	-0.1%	26.9	0.2%	0.1%
Upper Elkhorn NRD	2927.25	0.3	0.0%	0.0	0.0%	0.0%
Lower Elkhorn NRD	8356	305.9	3.7%	-38.0	-0.5%	3.2%
Papio-Missouri River NRD	1811.4	88.5	4.9%	0.0	0.0%	4.9%
Lower Platte South NRD	2065.526	-0.9	0.0%	0.0	0.0%	0.0%
Lower Platte North NRD	3790.808	205.4	5.4%	14.0	0.4%	5.8%
TOTALS	36,273	627	1.7%	2.9	0.0%	1.7%

TABLE 2 - PEAK SEASON DEPLEITIONS AND CONSUMPTIVE USE

NRD	PEAK SEASON 5-YR ALLOWABLE DEPLETION (AF)	2023 NRD Reported NET Depletion (AF)	NeDNR Reported Depletion (AF)	NRD Prior Years Peak Season Consumptive Use (AF)	2023 NRD Peak Season Consumptive Use (AF)	NRD Total Peak Season Consumptive Use (AF)	NeDNR Total Peak Season Consumptive Use (AF)	Total New Peak Season Depletions	Total New Peak Season Consumptive Use	Remaining 5- YR Allowable Depletion (AF)	Percent of Remaining 5- YR Allowable Depletion
Upper Loup NRD	5393.46	39.5	0.0	959.6	134.2	1093.8	0.0	39.5	1093.8	5354.0	99.3%
Lower Loup NRD	11928.68	-11.7	26.9	2347.9	-69.6	2278.3	26.9	15.2	2305.2	11913.5	99.9%
Upper Elkhorn NRD	2927.25	0.3	0.0	686.1	1.1	687.2	0.0	0.3	687.2	2927.0	100.0%
Lower Elkhorn NRD	8356	305.9	-38.0	2826.6	605.5	3432.1	-38.0	267.9	3394.0	8088.1	96.8%
Papio-Missouri River NRD	1811.4	88.5	0.0	87.5	66.4	153.9	0.0	88.5	153.9	1722.9	95.1%
Lower Platte South NRD	2065.526	-0.9	0.0	26.6	-0.1	26.5	0.0	-0.9	26.5	2066.5	100.0%
Lower Platte North NRD	3790.808	205.4	14.0	1847.5	322.2	2169.7	14.0	219.4	2183.7	3571.4	94.2%
TOTALS	36,273	627	3	8,782	1,060	9,841	3	630	9,844	35,643	98%

CHEMIGATION - May 2024

TOTAL CHEMIGATION APPLICATIONS IN 2023 (701)

NEW CHEMIGATION APPLICATIONS - 9

(5) Boone (0) Butler (1) Colfax (0) Dodge (1) Madison (0) Platte (2) Saunders

RENEWALS: 298

BOONE COUNTY - 20
BUTLER COUNTY - 24
COLFAX COUNTY - 29
DODGE COUNTY - 42
MADISON COUNTY - 6
PLATTE COUNTY - 69
SAUNDERS COUNTY - 108

RENEWAL INSPECTIONS: 0

(0) Boone (0) Butler (0) Colfax (0) Dodge (0) Madison (0) Platte (0) Saunders

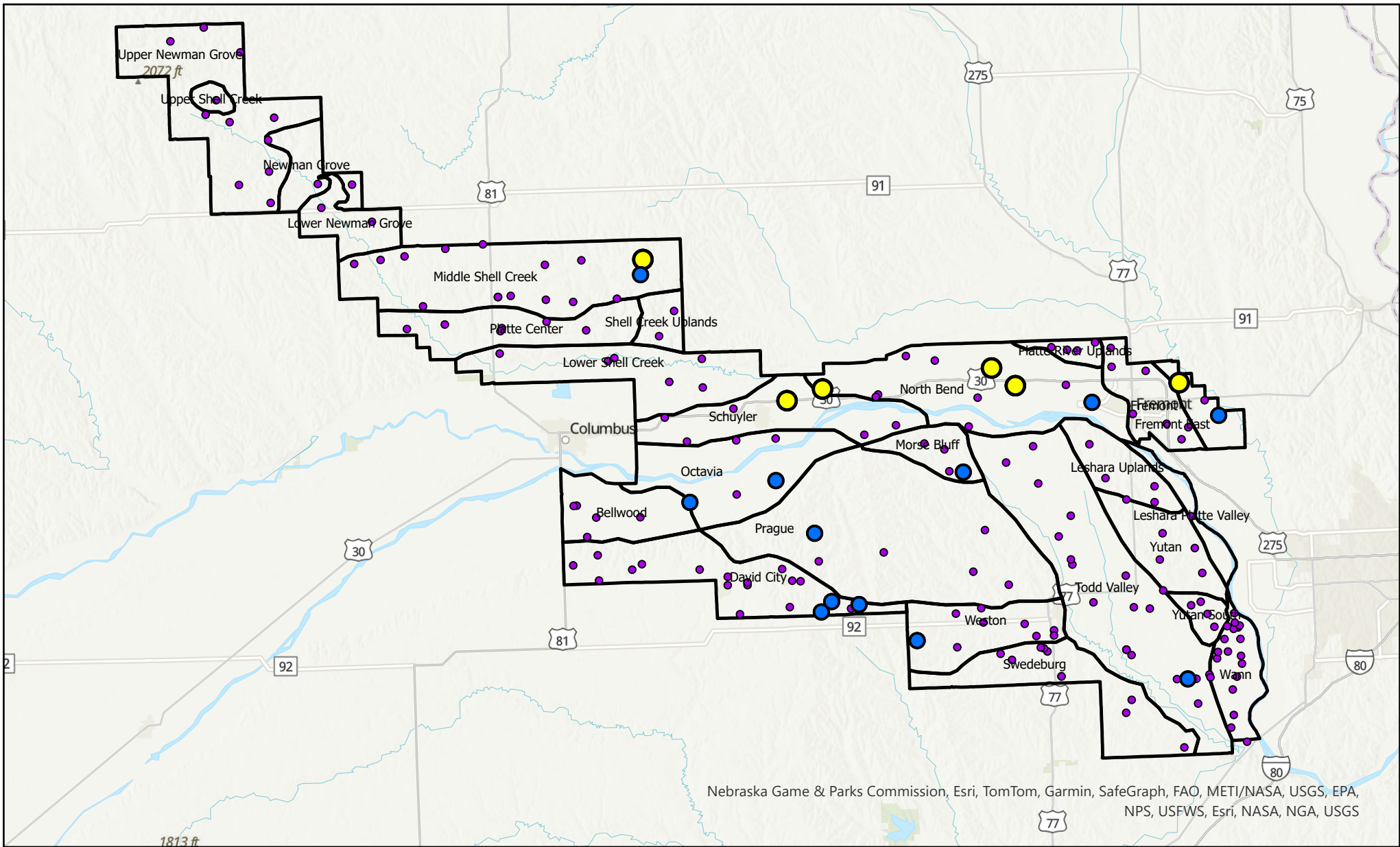
NEW INSPECTIONS: 0

(0) Boone (0) Butler (0) Colfax (0) Dodge (0) Madison (0) Platte (0) Saunders

NEW CANCELLATIONS: 0

(0) Boone (0) Butler (0) Colfax (0) Dodge (0) Madison (0) Platte (0) Saunders

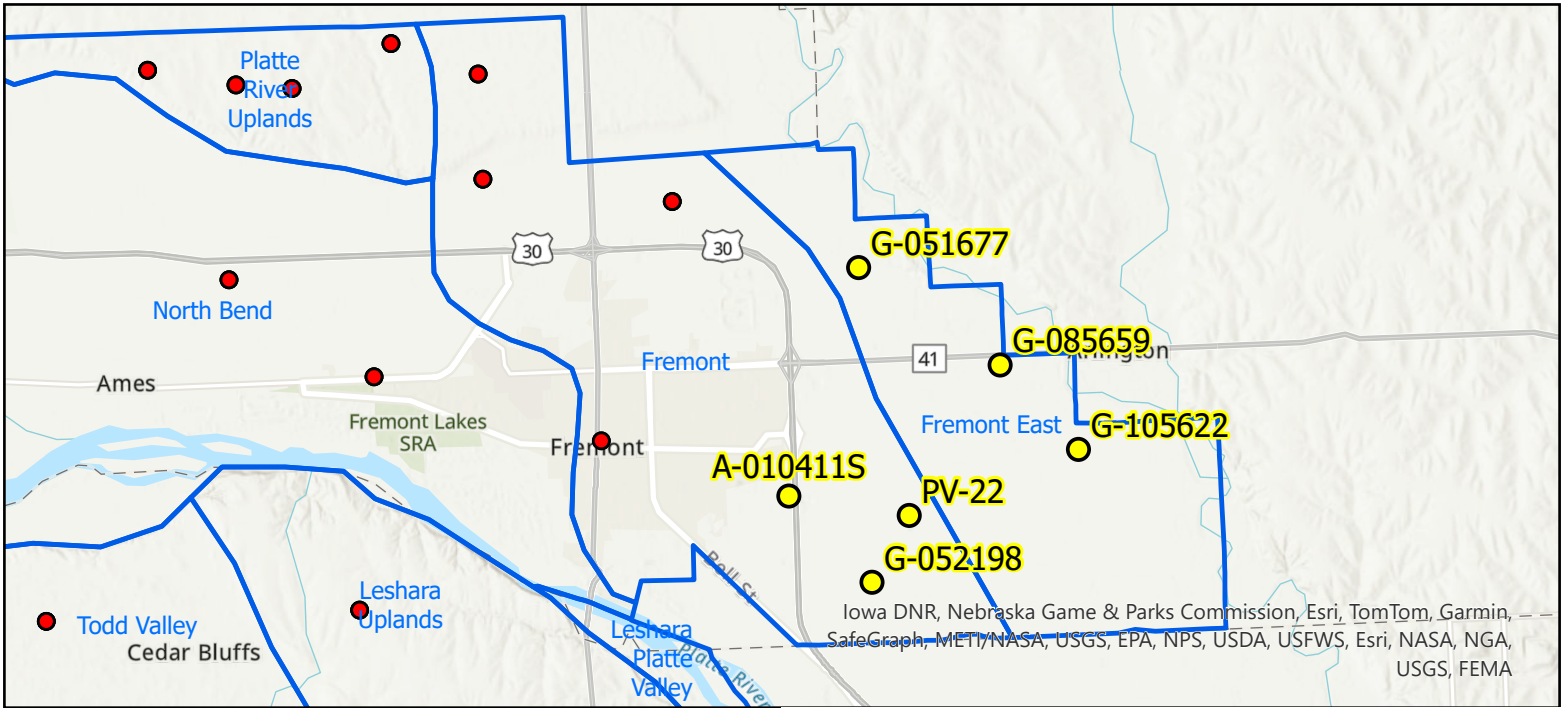
EMERGENCY: 0



- Trigger Level met 2 consec. years
- Trigger Level met 3 consec. years
- GWL Networks (all wells)
- Subareas

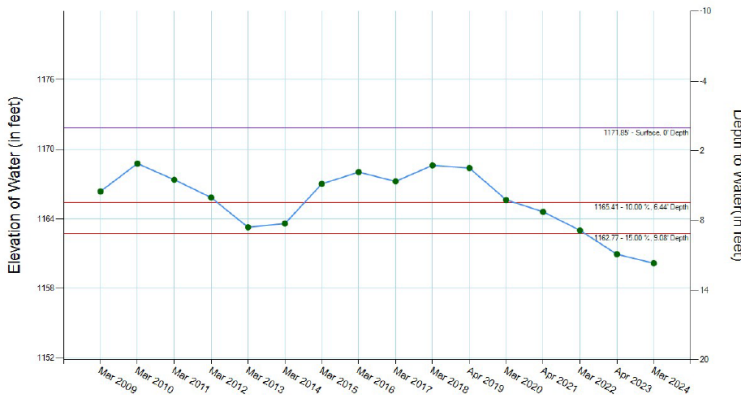
Groundwater Level Network and Trigger Levels Met

GWLs: Fremont East Subarea and Neighboring Wells

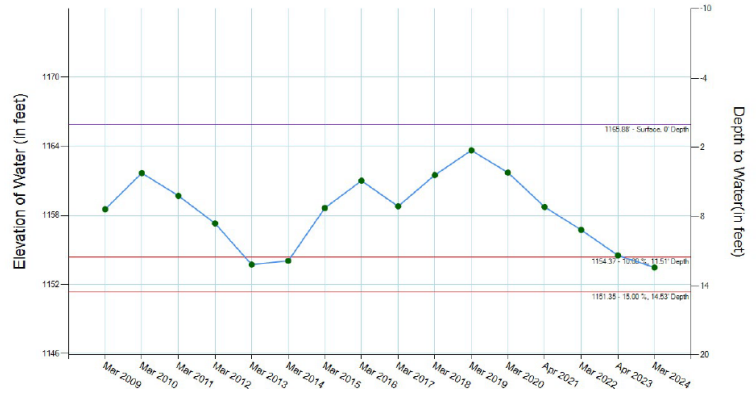


* at least 3 years at or below trigger level

*G-051677 Water Level Readings

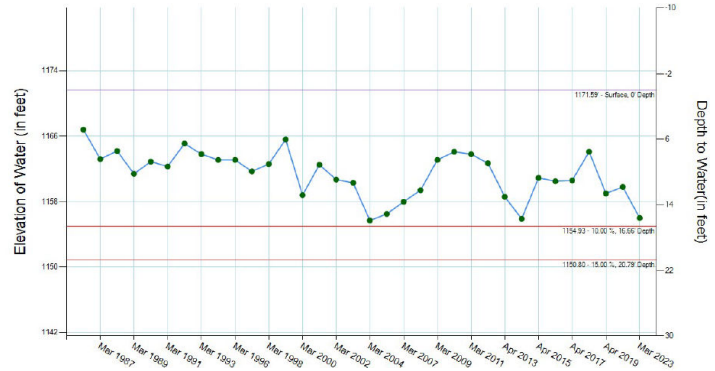


G-085659 Water Level Readings

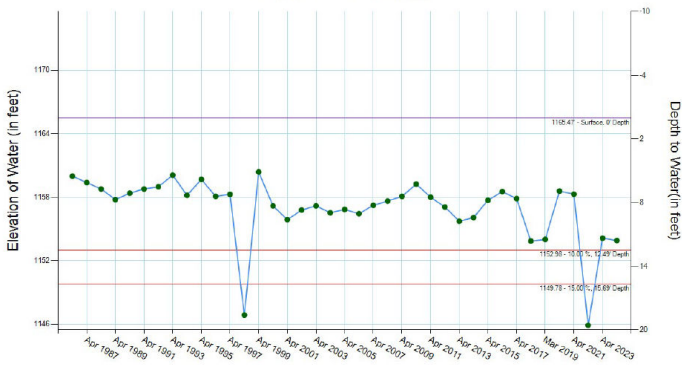


G-105622
 Lower Trigger Level: 6.44
 2022: 5.69
 2023: 7.41
 2024: 8.56

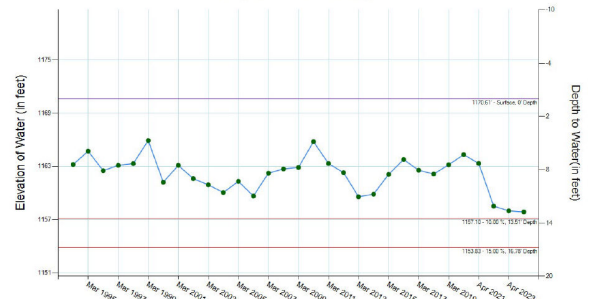
A-010411S Water Level Readings



PV-22 Water Level Readings



G-052198 Water Level Readings





April 9, 2024
 Invoice No: 26025

Invoice Total:	\$4,717.50
-----------------------	-------------------

Daryl Andersen
 Lower Platte North NRD
 511 Commercial Park Road
 Wahoo, NE 68066-0126

Please Remit To:
LRE Water
1221 Auraria Pkwy
Denver, CO 80204
(303) 455-9589
accounting@LREwater.com

Invoice Email: dandersen@lpnnrd.org
 Project No.: 5036LPN03
 Project Name: LPNNRD GW Management Plan

Professional Services through March 25, 2024

Task	01	Data Review & Assessment			
Professional Personnel					
			Hours	Rate	Amount
	Mohr, Jonathan		6.00	195.00	1,170.00
	Sopiwnik, Roscoe		7.00	200.00	1,400.00
	Totals		13.00		2,570.00
	Total Labor				\$2,570.00
				Total this Task	\$2,570.00

Task	02	Stakeholder Involvement			
Professional Personnel					
			Hours	Rate	Amount
	Mohr, Jonathan		7.00	195.00	1,365.00
	Totals		7.00		1,365.00
	Total Labor				\$1,365.00
				Total this Task	\$1,365.00

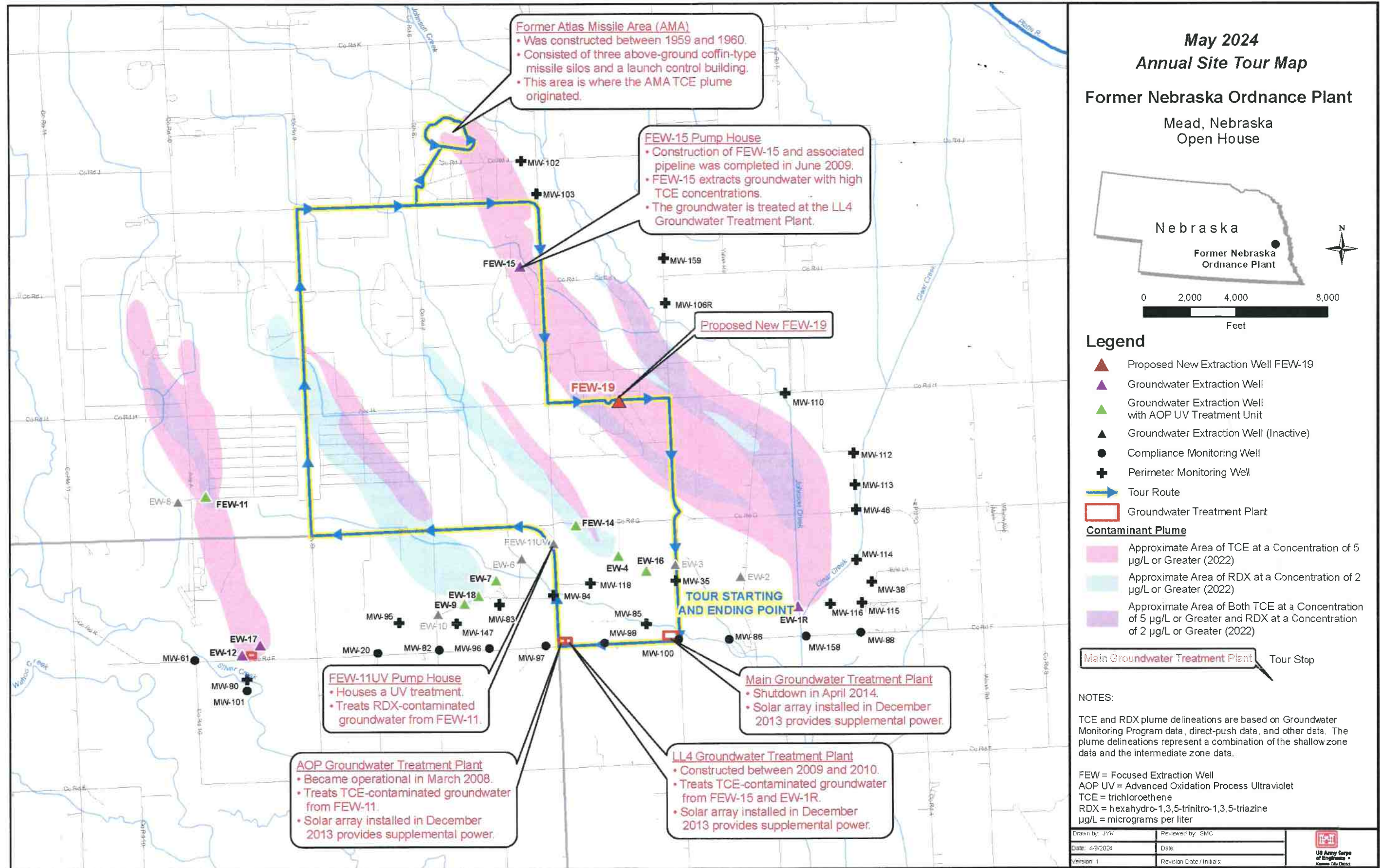
Task	03	Plan Development			
Professional Personnel					
			Hours	Rate	Amount
	Hume, David		2.00	245.00	490.00
	Mohr, Jonathan		1.50	195.00	292.50
	Totals		3.50		782.50
	Total Labor				\$782.50
				Total this Task	\$782.50

Total this Invoice \$4,717.50

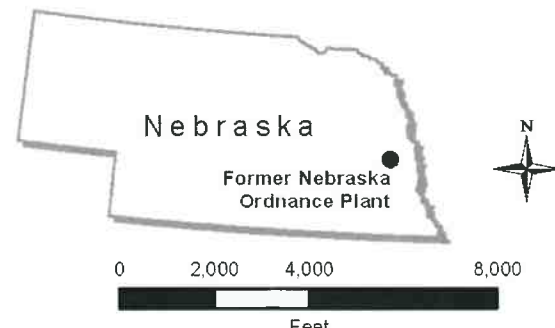
Outstanding Invoices

Number	Date	Balance
25789	3/18/2024	3,371.50
Total		\$3,371.50

Total Now Due **\$8,089.00**



**May 2024
Annual Site Tour Map**
Former Nebraska Ordnance Plant
Mead, Nebraska
Open House



- Legend**
- ▲ Proposed New Extraction Well FEW-19
 - ▲ Groundwater Extraction Well
 - ▲ Groundwater Extraction Well with AOP UV Treatment Unit
 - ▲ Groundwater Extraction Well (Inactive)
 - Compliance Monitoring Well
 - ⊕ Perimeter Monitoring Well
 - Tour Route
 - Groundwater Treatment Plant
- Contaminant Plume**
- Approximate Area of TCE at a Concentration of 5 µg/L or Greater (2022)
 - Approximate Area of RDX at a Concentration of 2 µg/L or Greater (2022)
 - Approximate Area of Both TCE and RDX at a Concentration of 5 µg/L or Greater and RDX at a Concentration of 2 µg/L or Greater (2022)

Main Groundwater Treatment Plant Tour Stop

NOTES:
TCE and RDX plume delineations are based on Groundwater Monitoring Program data, direct-push data, and other data. The plume delineations represent a combination of the shallow zone data and the intermediate zone data.

FEW = Focused Extraction Well
AOP UV = Advanced Oxidation Process Ultraviolet
TCE = trichloroethene
RDX = hexahydro-1,3,5-trinitro-1,3,5-triazine
µg/L = micrograms per liter

Drawn by: JJK	Reviewed by: SMC
Date: 4/9/2024	Date:
Version: 1	Revision Date / Initials:



NEWS Letter

Former Nebraska Ordnance Plant ■ Mead, Nebraska

Open House Meeting

The U.S. Army Corps of Engineers (USACE) will host the Spring Open House on Wednesday, May 22, 2024, at the Main Groundwater Treatment Plant located at the junction of County Road 6 and County Road F in Ashland, Nebraska. The Open House meeting will be from 4:30-5:15 p.m. and a Site bus tour will occur from 5:15 p.m. to approximately 7:00 p.m. Technical staff will be in attendance to answer specific questions regarding the former Nebraska Ordnance Plant (NOP). Representatives from the U.S. Environmental Protection Agency (EPA) and Nebraska Department of Environmental and Energy (NDEE) are expected to attend as well. A variety of handouts and displays will be available along with light refreshments.

Neighbors and residents are welcome to join us for a guided bus tour starting at 5:15pm that will introduce you to many parts of the groundwater clean-up project. The bus tour will begin at the Main Groundwater Treatment Plant and will drive to multiple locations, including the Load Line (LL) 4 and Advanced Oxidation Process Groundwater Treatment Plants, extraction well pump house with ultraviolet treatment system, and the former Atlas Missile Area. For further information regarding the meeting, contact the U.S. Army Corps of Engineers Project Manager at (816) 634-3148.

Operation and Maintenance Summary

USACE conducts groundwater remediation in accordance with the 1997 Record of Decision for Operable Unit 2. Operation of the groundwater treatment system has removed the following from groundwater, as of March 31, 2024:

Trichloroethene (TCE) removed:

- Load Line 1 groundwater treatment plant – 4,908 pounds
- Advanced Oxidation Process treatment plant – 51,034 pounds
- Load Line 4 groundwater treatment plant – 6,899 pounds

1,3,5-Trinitro-1,3,5-triazinane (RDX) removed:

- Ultraviolet treatment systems – 301 pounds

Gallons of water treated since startup:

- Load Line 1 groundwater treatment plant – 4.1 billion gallons
- Advanced Oxidation Process treatment plant – 3.57 billion gallons
- Load Line 4 groundwater treatment plant – 4.09 billion gallons
- Ultraviolet treatment systems – 8.15 billion gallons

New Focused Extraction Well FEW-19

In addition to groundwater extraction as a part of hydraulic containment, the remedy for Operable Unit 2 in the 1997 Record of Decision also includes focused extraction from areas with relatively high TCE and/or RDX concentrations to remove contamination more rapidly and shorten remediation timeframe when compared to hydraulic containment pumping alone. In Fall 2024, USACE plans to begin construction and installation of the Focused Extraction Well (FEW)-19 within center of the Load Line (LL) 4

May 2024

For more information or any questions concerning the former Nebraska Ordnance Plant project, please contact:

Project Manager:

Alissa Sutter

U.S. Army Corps of Engineers
Kansas City District
601 East 12th Street
Kansas City, Missouri 64106
Phone: (816) 634-3148

or go to the project website at:

<https://www.nwk.usace.army.mil/Missions/Environmental/Environmental-Projects/NOP/>

Information repository documents are available for review at:

Mead Public Library

316 South Vine Street
Mead, Nebraska 68041
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3:30 PM – 5:15 PM
Wednesday: 3:30 – 8:00 PM
Thursday: 9:00 AM – Noon/
3:30 PM – 5:15 PM
Friday: 8:00 AM – 11:30 AM
Saturday: 9:00 AM – Noon
Sunday: Closed



**Lower Platte North
Natural Resources District**

**Soil & Water Conservation Program
(SWCP)**

LPNNRD Board Approval 5/13/2024

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LOWER PLATTE NORTH NATURAL RESOURCES DISTRICT POLICY 2024 SOIL & WATER CONSERVATION PROGRAM (SWCP)

I. PURPOSE

The purpose of this program is to provide guidance for administering federal (EPA 319 grants), state (NSWCP, Environmental Trust grants) and local cost-share assistance as an incentive to landowners for the construction and application of soil and water conservation practices.

II. ELIGIBILITY, DISTRIBUTION OF FUNDS

- A. Any landowner within the Lower Platte North NRD (LPNNRD), individual, partnership, corporation or other legal entity is eligible to apply for SWCP funds.
- B. Cost-share program funds will be approved and distributed based on the number of high priority applications received each fiscal year (July 1 - June 30).
- C. Funds may be reserved and targeted toward high priority watersheds and projects as determined and approved by the LPNNRD Projects Committee and Board.
- D. Unobligated or unused SWCP funds in priority watersheds may be redistributed to other areas if not used in a timely manner.
- E. The LPNNRD may supplement the Nebraska Soil and Water Conservation Program (NSWCP) state funds with available federal, other state & local funds. The amount of local funds budgeted and available will be decided each year.
- F. Landowners will be expected to apply for available federal EQIP cost-share funding when applicable and available for eligible high priority practices A, C through M, before state and local cost share funding is approved. It is also generally expected to approve available state funding before local funds are considered.
- G. Lands for Conservation (LFC) program is exempt from the payment cap stipulations of the SWCP policy.

III. APPLICATION REQUIREMENTS

- A. Eligible SWCP applicants are to apply at their local NRCS Service Office (also the LPNNRD office if for tree planting or windbreak renovations). Applications with appropriate NRCS comments/recommendations are to be forwarded to the NRD for consideration.
- B. Applications will contain sufficient information to include:
 - 1. Date construction (summer or fall) is expected to be completed.
 - 2. Type of Project to be installed.
 - 3. Whether the proposed project is located in a priority watershed area or if other special conditions exist.
 - 4. An aerial photograph showing the project location.
 - 5. Total estimated cost-share needed for the project.
 - 6. When applying for a small dam or grade stabilization structure, the estimated percent of land treatment draining to the proposed site (Attachment C).

IV. ELIGIBLE HIGH PRIORITY PRACTICES

- A. **Establishment of warm and cool season grass on crop land**
- B. **Small conservation project (terraces, basins, diversion, grass waterways and/or underground outlets) applications.** This priority practice includes newly established

grass waterways and/or replacement grass waterways.

- i. Small projects are only eligible on fields where a complete no-till cropping management system is currently being applied.
- ii. Existing grassed waterway applications must be over 10-years old and part of an approved terrace system or on 100% no-tilled fields)
- iii. Small Projects may involve the construction of a new terrace and/or sediment & water control basins systems or it may include the extension of an existing terrace system with the inclusion of sediment & water control basins (this priority does “NOT” include the replacement of functionally obsolete terrace systems, waterways and sediment & water control basins in excess of 10-years old).
- iv. Small projects do not include practice of installing tile outlets into existing functional terrace outlet systems (refer to priority G).
- v. Small projects will not exceed \$5000.00 in cost incentive request.
*For small projects, landowners will not be expected to apply for available federal EQIP cost-share funding for eligible high priority practice B. It will generally be expected to approve available state funding before local funds are considered.

- C. ***Construction of new terrace systems** (includes replacement of functionally obsolete terrace systems in excess of 20-years old).
- D. **Construction of sediment & water control basins when part of a new terrace system where cost share incentives exceeds \$5,000** (Attachment A).
- E. **Construction of Diversions when part of a new terrace system or dam** (Attachments A & C).
- F. **Planned Grazing Management Systems** (Attachment B)
- G. *** Installation of Tiled Outlets into Existing Terraces** (includes the storage portion of the terrace).
- H. **Water Impoundment and Grade Stabilization Structures** (Attachment C)
- I. **Tree/Shrub Planting** (Only when NRD stock is provided and planted by the District) For riparian buffer strips, field, acreage and farmstead windbreaks and for wildlife habitat 200- tree/shrub minimum is required for riparian buffer strips, and for field and farmstead windbreaks. A 300-tree/shrub minimum is required for wildlife habitat. An eligible high priority practice under our Soil and Water Conservation Program (SWCP), at 50% cost share assistance on handplanting of 600 or more trees, provided that the cooperators use our tree planting machine. It is further recommended that final approved payments will be subject to LPNNRD inspection. (4/2022)
- J. **Windbreak Renovation** (Attachment D)
- K. **Supplementing EOIP Contracts in Priority Areas**
When federal EQIP funds are approved in LPNNRD priority areas, the District may approve additional local and/or state cost share not to exceed the established maximum cost share percentage approved for a practice or the specific area.
- L. **Emergency Repair of Conservation Practices** (Attachment E)
- M. **Lands for Conservation (LFC) Program :** (Attachment F) **Any approved EQIP contract that agrees to the terms of the LFC program; summer construction Jun 1 – September 30 of the calendar year.**

***NOTE:** Cost share only applies toward the tile outlet portion of approved terrace systems to establish a stable outlet. A stable outlet is considered to be on land that has a 2% grade or less. A landowner may choose to install a portion of the outlet without cost share

assistance provided that it meets NRCS design standards and specifications.

V. INELIGIBLE PRACTICES

A. Any application that would allow the installation of terraces on land that has established

grass will not be approved.

- B. The LPNNRD will not approve any conservation practice that will encourage the conversion of grassland, including CRP land, to crop land. This includes CRP land in the last year of the contract.
- C. Rebuilding grassed waterways or tile outlets if under 10-years old. Note: Cost share for replacing grass waterways will be considered on a case-by-case basis when over ten (10) years old and part of an approved terrace system or on 100% no-till fields (see IV. M.).
- D. Work that is considered normal maintenance of existing conservation practices.
- E. Rebuilding terraces on existing terrace lines.
- F. Terraces systems on Class VI land or greater.
- G. Sediment removal from small dams or other impoundments and/or from adjacent lands of said structures.
- H. Work started or constructed prior to approval.
- I. Livestock Waste Pits.
- J. The District will not provide cost share for practices on farmland that does not have a certified Nitrogen operator or on irrigated land where the irrigated acres are not certified by LPNNRD.
- K. Any practice on fields that are determined sod-busted by the NRCS.
- L. Repair of damage to conservation practices that is determined to be landowner negligence in performing normal maintenance as outlined in NRCS specifications.

VI. APPLICATION SUBMITTAL, APPROVAL & PROJECT COMPLETION PERIODS

A. Summer Construction Applications (For June through September 15):

To insure LPNNRD consideration, **applications for summer construction must be submitted by February 1.** Most generally, the Projects Committee will review, rank and recommend summer application approvals prior to construction season. . However, consideration and approval of summer applications received after **February 1** may occur depending on available funds. All **summer construction projects are to be completed by September 15** and **final paperwork submitted to the LPNNRD office by October 15.** The Projects Committee will review all uncompleted or unpaid applications at the end of each period to determine **if** application extensions and/or cancellations are warranted. **The field must be available for construction by August 1. The area must be planted to a cover crop or a crop preceding or after construction. The crop or cover may be harvested or pastured during the contract period.** Work not completed by **September 15,** may be canceled or receive reduced cost share as determined by the Projects Committee/Board.

NOTE: Cooperators who are approved for incentive payments within special designated watersheds, must follow these same summer construction requirements (refer to the “Lands for Conservation Program” – Attachment F).

B. Fall Construction Applications (September through December project completion):

To insure LPNNRD consideration, applications for fall construction must be received by **July 1.** Most generally, the Projects Committee will review, rank and recommend fall construction application approvals prior to fall construction season. However, additional approvals for fall work may occur after July/August as funds are available.

Approved fall applications will be given until December 31 to complete the work. The Committee will review all unpaid applications at the end of each year to determine application extensions and cancellations.

C. Grass, Tree Planting, Windbreak Renovation Applications:

Application periods for grass establishment will be approved based on NRCS seed and seeding specifications. Applications for trees are generally considered for approval just before the spring planting season. For approved Windbreak Renovation applications, tree removal will normally be completed in the summer or fall so the site will be ready before spring tree planting.

D. Small Dam Application (Attachment C):

To ensure consideration for approval, the **District will need NRCS/NRD technician recommended applications by December 15.** The Projects Committee will review and prioritize and submit a recommendation for approval at the January Board Meeting.

E. LPNNRD Signatures on Approved Applications & Related Documents:

The Manager, Assistant Manager and Projects Coordinator are authorized to sign Board approved SWCP applications, Completion and Document Certifications and other related documents on behalf of the LPNNRD.

VII. 2024 PRIORITY AREAS & ELIGIBLE COST-SHARE PERCENTAGES

Priority areas for 2023 listed below are given first consideration for District cost share assistance. Each year, high priority practice applications located in priority areas are reviewed and approved by the Projects Committee and Board for the upcoming program year. The cost-share assistance payment may not exceed a total of the eligible percent for an area when combining all sources of federal, state and local assistance. If there is not enough funding for all applications for all listed priority areas, the Projects Committee may rank areas for approval or approve a lower maximum cost share percent.

	Targeted Areas	Notes
A.	LPNNRD Lands North of the Platte River	Platte, Boone, Madison, Colfax & Dodge Counties. Shell Creek is also in ET & EPA 319 grant area - actual percent depends on priority area and practice as defined in approved grant application).
B.	Lake Wanahoo (Sand/Duck Creek) Watershed	
C.	Czechland Lake Recreation Area Watershed	
D.	Homestead Lake Recreation Area Watershed	
E.	Wahoo Creek Sub-Basins	Dunlap Creek; North Fork Wahoo Creek; Miller Branch Creek. These Wahoo Creek Sub-Basins are designated EQIP NWQI, EPA 319 and Environmental Trust Priority Areas.
F.	Skull Creek Watershed	It is anticipated to alternate this watershed with the Bone Creek Watershed every two years
G.	Watersheds Above All Existing and Planned LPNNRD Flood Control Structures	Non-public structures that are or will be LPNNRD Flood Control Structures operated and maintained by the District
H.	Watersheds Above Proposed or Completed Landowner SWCP Cost Share Dams	That will or have received LPNNRD assistance
I.	Voluntary Compliance of Verified Erosion & Sediment Complaints	District-wide
J.	All High Priority Practice Summer Applications	District-wide (June 1 through September 15 completion)
K.	Tree/Shrub Planting	District-wide
L.	Voluntary Compliance of Verified Erosion & Sediment Complaints	District-wide
M.	All High Priority Practice Summer Applications	District-wide (June 1 through September 15 completion)
N.	Tree/Shrub Planting	District-wide

VIII. COST SHARE PERCENTAGE - PRACTICE EXCEPTIONS

The maximum cost share percentage for most high priority conservation practices will be 75%; depending on the where the practice is located (**Refer to VII. above**). The exception to this is for the following high priority practices:

- A. **Water Impoundment Dams and Grade Stabilization Structures: 65% - 75%**
(Attachment C)
- B. **Windbreak Renovation Practice: 50%** (Attachment D)
- C. **Emergency Repair of Conservation Practices: 50%** (Attachment E)

IX. MAXIMUM COST SHARE LIMITS

A. **General Maximum Limit:**

A cooperator may receive **up to \$15,000 SWCP funds** within any program year (July 1 - June 30) for most high priority practices unless otherwise specified below.

B. **Priority Areas with Federal or State Grant Funding:**

Within priority areas (**Wahoo Creek and Shell Creek e.g.**) that are receiving reimbursable federal or state grant funding, the maximum limits may be exceeded to expedite use of those special funds within the specified grant period time line.

C. **Planned Grazing Systems – Livestock Well Pumping Plants:**

The maximum limit for planned grazing systems is \$12,500, however a maximum cost share limit of \$5,000 will also apply toward the livestock well and well pumping plant components (combined) when part of the approved system (Attachment B).

D. **Water Impoundment & Grade Stabilization Structures:**

The maximum limit for water impoundment dams and grade stabilization structures is \$15,000 upon NRCS recommendation and Projects Committee/Board approval on a case-by-case basis (Attachment C).

E. **Windbreak Renovation:**

The maximum limit for windbreak renovation is \$1,000 per landowner per year (Attachment D).

F. **Emergency Repair of Conservation Practices:**

The maximum limit for emergency repair of conservation practices is \$1,000 per landowner per year (Attachment E).

G. **2024 Summer Conservation Practices in Non-Priority Areas:**

For 2022, the maximum limit for approved conservation practices in non-priority areas will be \$15,000 per landowner per year.

X. AMENDMENTS FOR ADDITIONAL COST SHARE

When applications are approved under the maximum limit, additional funds, up to the limit, may be approved if notified by the landowner or technician before construction. LPNNRD staff is authorized to approve an additional \$1,000 above the original approval (up to the maximum limit) if the request is received from the landowner and/or technician prior to construction. Staff will notify the Projects Committee of any staff authorized changes.

XI. APPLICATION EXTENSIONS

Extensions may be granted for inclement weather or for other conditions beyond the landowner's control. All extension requests will be considered by the Projects Committee and Board on a case-by-case basis. No more than one 6-month extension can be approved for the same application.

XII. CONSERVATION PRACTICE DESIGN, STAKING & PERMITS

- A. All conservation measures must be designed and staked by Natural Resources Conservation Service personnel (NRCS), NRD technicians or other NRCS approved technical service providers. All completed conservation work must be according to the NRCS design standards and specifications as outlined in the NRCS Procedures Handbook for LPNNRD.
- B. The landowner is responsible for contacting the NRCS office to secure funds and schedule the layout (design and staking) of the approved work
- C. The landowner is responsible for obtaining all required local, state and federal permits.

XIII. SUBMITTING BILLS & PAPERWORK ON COMPLETED WORK

- A. The landowner is responsible for submitting all bills to the NRCS office. The NRCS will calculate the eligible cost share payment (on NSWCP form # 3) and submit completed and properly signed paperwork to the LPNNRD.
- B. Drawings of the completed practices at to be provided by the NRCS/NRD technician on an aerial photo and submitted with the payment request.

XIV. COST SHARE PAYMENTS

- A. LPNNRD has approved use of NeDNR's 2024 conservation practice payment rates for calculating SWCP contract cost-share payments. Payments will be based on NeDNR's conservation practice payment rates that were in force at the time the application was approved. The cost-share percent may be lowered if summer work is extended into fall.
- B. The LPNNRD calculates and pays cost-share on terraces only by the linear foot, not by the cubic yard.
- C. The cost-share percentages are calculated by multiplying the eligible cost share percentage by the approved cost share practice payment schedule rate or actual cost whichever is less. The cost-share assistance payment may not exceed a total of the eligible percent for an area when combining all sources of federal, state and local assistance.
- D. **Splitting Cost-Share Percentages:** When a field splits two cost-share priority areas, the corresponding eligible cost share percentage will be applied to each portion of the field being treated. When a field splits into a non-priority area, that area will be allowed up to 50% cost share assistance, if the non-priority area is 50% or less of the entire field being treated.
- E. When grant funds are available special conditions aligned with terms of grants will be implemented; in some cases a higher payment percentage rate, or payment cap may be allowed.

XV. PAYMENT OVERRUNS AND LANDOWNER REQUESTED REFUNDS

A. Payment Overruns:

Overruns of up to 10 % above the approved project amount may be approved by staff. Overruns above 10% will need Board approval. Payments are not to exceed the maximum cost share limits set for the various practices. Exception to this is when payments are combined with grant funds in priority areas.

B. Landowner Refunds:

If an SWCP practice is purposely damaged, removed or destroyed within ten years after completion (25 years for a small dam), the cooperator who received cost share, will be requested to reimburse the District, all or a portion of the SWCP cost share funds, as determined by the Projects Completion (25 years for a small dam), the cooperator who received cost share will be required to reimburse the District all or a prorated portion of the funding assistance, as determined by the Projects Committee and Board.

SWCP ATTACHMENT A
SEDIMENT & WATER CONTROL BASINS AND DIVERSIONS

This attachment is to help clarify the use of sediment & water control basins and diversions as an eligible cost-share practice. Basins and diversions are to be used as a part of an approved conservation system according to the NRCS technical guides and field manual.

- A. Sediment & water control basins and diversions may be approved as a high priority practice when in conjunction with terraces or dams.
- B. Basins and diversions will be considered a high priority practice when a part of a terrace system or in conjunction with a 100% no-till system. A 100% no-till system must have the goal of controlling soil erosion to soil replacement levels (“T”). A 100% no-till system is accepted land treatment when ephemeral and gully erosion is controlled, or “T” is met. Basins and/or diversions built separately on a terraced field are not considered a part of the terrace system.
- C. Basins and diversions not part of a terrace system may be considered as a high priority practice on fields where the NRCS or NRD technician determines terraces are not feasible and/or they offer the most practical solution to a problem. This will be determined by the Projects Committee on a case-by-case basis.

**LOWER PLATTE NORTH NRDSWCP ATTACHMENT B
PLANNED GRAZING SYSTEM PRACTICE**

I. GENERAL REQUIREMENTS

- A. An applicant must have at least 40 acres of connecting grassland to be developed into at least two grazing cells with planned rest periods in accordance with Natural Resources Conservation Service (NRCS) recommendations.
- B. Applicants must complete a minimum 10-year planned grazing system developed by the NRCS prior to submitting an application.
- C. Applicants are required to sign a 10-year cost-share agreement with the LPNNRD. (Form NSWCP-10)
- D. All approved cost-share items must meet NRCS Standards and Specifications.
- E. Funds for approved practices may be used on CRP lands if such lands are in the last year of the CRP contract.
- F. The amount and type of eligible practices approved for each application will be determined by the overall grazing system plan and the most cost effective alternative available.
- G. Cost-share on eligible practices will be based on the approved cost-share percentage times the approved practice payment schedule cost share rate or 75 percent of the actual cost, whichever is less.

II. ELIGIBLE PRACTICES

- A. **Cross Fencing:** Only fencing designed to facilitate cell division is eligible for cost-share (Standard 382 specifications). Boundary fences are not eligible for cost-share.
- B. **Livestock Water Dugouts:** Dugouts will be sized by daily animal needs and Nebraska Engineering Handbook Standards.
- C. **Livestock Well Installation:** Livestock wells will be sized to provide a maximum of 15 gallons of water per animal-unit per day within each cell. No cost-share will be available for domestic or irrigation wells. Well test holes are not eligible for cost-share.
- D. **Pumping Plants for Livestock Wells** (As outlined by State NSWCP Guidelines): While a cooperator may receive up to \$12,500 SWCP funds toward completing a Planned Grazing System, a maximum cost share limit of \$5,000 will apply toward the livestock well and well pumping plant component (combined) if part of the approved system.
- E. **Livestock Water Tanks:** Tanks sized according to standard storage requirements in the NRCS Technical Guide, Standard 614, are eligible.
- F. **Livestock Water Pipeline Installation**

**LOWER PLATTE NORTH NRD
SWCP ATTACHMENT C
GUIDELINES FOR WATER IMPOUNDMENT (SMALL DAMS) &
GRADE STABILIZATION STRUCTURES**

I. PURPOSE

The purpose of this program is to assist landowners with the construction of water impoundment and grade stabilization structures on their property.

II. ELIGIBLE PROJECT ITEMS

A. Eligible Project Costs Include:

1. Construction (Not to include site preparation)
2. Seeding (Structure and emergency spillway)
3. Fencing when required by the NRCS

III. LAND TREATMENT REQUIREMENT

To be eligible for cost-share assistance, a minimum of 75% land treatment is required within the watershed above each proposed structure site. To calculate this percentage, non-highly erodible land is considered treated.

Land Treatment Definition:

Land treatment is defined as any practice or combination of practices (i.e. terraces, no-till etc.), that control soil erosion rates on highly erodible soils to soil replacement levels or less (Soil replacement level or "T" = 5 tons/acre in the LPNNRD). Any approved NRCS farm plan that treats land to "T" qualifies under this definition (8/2/00 Projects Committee).

IV. COST-SHARE PERCENTAGE AND MAXIMUM ASSISTANCE

The cost-share percent for approved applications outside selected priority areas is up to a maximum of 65%. For small dams approved within selected LPNNRD priority areas, the cost-share rate is up to a maximum of 75%. Eligible assistance will be based on the eligible cost-share percent times the county average costs or 75% of actual costs whichever is less. The maximum cost-share limit will be \$15,000 upon NRCS recommendation and Projects Committee approval on a case-by-case basis (see Special conditions below).

Special conditions: The Board may approve a higher cost-share percentage and increase the maximum assistance if an application site is above an LPNNRD recreation area, within a targeted watershed or when other special conditions exist. The Board may also approve a lower cost-share percent and decrease the maximum assistance for structure sites of lower priority. **Special** conditions will be evaluated by the Board on a case-by-case basis.

V. PRIORITY AREAS

Priority-areas for small dams and grade stabilization structures include the following watersheds:

- A. Sand & Duck Creek
- B. Wahoo Creek*

- C. Skull Creek
- D. Shell Creek* (Additional grant funding available)
- E. Bone Creek
- F. Watersheds above Pubic Recreation Structures (e.g. Czechland Lake, Homestead Lake, Lake Wanahoo)
- G. Above all existing LPNNRD Operated and Maintained Watershed Structures.

VI. APPLICATION ELIGIBILITY AND SIGN-UP

- A. Any landowner within the Lower Platte North NRD who is an individual, a partnership, a corporation or other legal entity.
- B. Applications may be submitted any time during the year; however, only NRCS inspected and recommended applications received by December 15, will ensure consideration for the following construction year. Unapproved applications will expire on May 1 of each year, requiring a new landowner application for future consideration. The Projects Committee will review, prioritize and submit a recommendation for approval at the January Board Meeting.
- C. The applicant shall apply at the county NRCS office on forms provided by the LPNNRD. An aerial photo showing the proposed project location must accompany the application. The application must be signed by the applicant and sent to the LPNNRD before December 15 of each year to insure consideration for the immediate year's construction.
- D. At the time of application, the NRCS will be requested to provide an estimate of drainage acres, percentage of land treatment present, quantities and costs for the project.

VII. APPLICATION EVALUATION AND TENTATIVE APPROVAL

- A. Application sites will be inspected by LPNNRD and NRCS representatives to evaluate feasibility, benefits and cost. Benefits to be evaluated will include but not be limited to: flood control, grade control, erosion and sediment control, wildlife habitat enhancement, livestock water, and protection to public roads and property.
- B. The Projects Committee will most generally review, prioritize, and make recommendations on applications at their January meeting.
- C. The NRD Board of Directors will generally approve, reject, or table each request at the January Board Meeting.
- D. After receiving LPNNRD approval, the applicant will be required to submit a \$500 deposit to the NRD before a survey or design is started. The deposit will be returned to the applicant after project completion. If the deposit is not received by February 1, the application will be canceled. If the applicant withdraws from the project after the design has been complete, the deposit will be retained by the LPNNRD unless conditions in XII. B. apply.
- E. In February of each year, the Natural Resources Conservation Service will be requested to proceed with survey and design of approved projects.
- F. After receiving LPNNRD approval, the applicant will be given two years to obtain necessary permits, complete the structure and submit all required paperwork. If the project is delayed due to adverse weather conditions, or other conditions beyond the

applicant's control, an extension may be granted by the LPNNRD Board of Directors. Extensions will be considered by the LPNNRD Board on a case-by-case basis.

VIII. LAND RIGHTS, AGREEMENTS AND PERMITS

- A. The applicant is responsible for obtaining any required easements and any required federal, state and local (i.e. NDNR, Army COE, and County Zoning) permits.
- B. The applicant is responsible for the relocation or modification of water lines, power lines and telephone lines and pay the costs involved.
- C. The applicant will be required to enter into a 25-year cost-share agreement with the LPNNRD. This agreement states that the applicant will refund cost-share funds if the project is removed, altered, or modified without the consent of the LPNNRD.

IX. STRUCTURE DESIGN AND CONSTRUCTION

- A. The NRCS will be requested to survey, design, and supervise all structures approved by the LPNNRD Board.
- B. Construction will not commence until formal notice to proceed is given by the LPNNRD. This notice will be given after NRD Board approval, and after receiving the applicant's deposit and signed cost-share agreement.

X. FINAL APPROVAL AND PAYMENT

- A. Final Approval and Payment will occur when:
 - 1. The project is completed and certified by the NRCS/NRD technician to meet all NRCS standards and specifications.
 - 2. The completed application form NSWCP-3 is signed and returned to the LPNNRD with a copy of all project bills.

XI. OPERATION AND MAINTENANCE

The landowner is responsible for all operation and maintenance after project construction.

XII. SMALL DAM DEPOSIT REQUIREMENT & REIMBURSEMENT

- A. The applicant will be required to submit a \$500 deposit to the NRD before a survey or design is started. The deposit will be returned to the applicant after NRCS approves the completed project and all paperwork is submitted and approved by the District. If the deposit is not received by February 1, the application will be canceled. If the applicant withdraws from the project after the design has been complete, the deposit will be retained by the LPNNRD unless conditions in B. apply.
- B. If a landowner does not proceed with the small dam project because the final cost estimate is 40% or more over the original project estimate, the LPNNRD will return the \$500 deposit based on financial hardship. All other conditions will be reviewed by the Projects Committee on a case-by-case basis.

**LOWER PLATTE NORTH NRD
SWCP ATTACHMENT D
WINDBREAK RENOVATION PRACTICE**

I. PURPOSE

To provide for the restoration of farmstead, acreage or field windbreaks that have been rendered substantially ineffective due to the death of trees or other windbreak plantings as a result of weather, disease, or other natural causes.

II. PLAN REQUIREMENT

A windbreak renovation plan is to be based on a plan reviewed and approved by a forester of the Nebraska Forest Service. The forester is to certify that the windbreak has lost its effectiveness, should be renovated and that they approve the plan of renovation.

III. SITE PREPARATION

Tree removal off the site is required to be accomplished in late fall/early winter at least before the planting occurs the following spring. The only area that is replanted with a new windbreak receives cost share for removal costs. Tree removal work should not be initiated until the application is approved by the Lower Platte North NRD and the landowner agrees to replant the windbreak in the same area.

IV. COST SHARE RATE AND MAXIMUM ASSISTANCE

The windbreak renovation cost-share payment will not be based on a cost greater than the county average unit cost adopted by the USDA-FSA. The renovation practice is not to include the replanting of the windbreak because of different cost-share percentage rates. The windbreak planting cost-share will be separate. The Lower Platte North NRD will cost share at a 50% rate, up to \$1,000.

Tree planting cost-share is eligible for riparian buffers, farmsteads, acreages, field and livestock protection windbreaks. Windbreaks must contain 200 or more trees and shrubs which are purchased through and planted by the NRD. When the planting is strictly for wildlife habitat, a minimum of 300 trees/shrubs purchased and planted by the NRD is required.

**LOWER PLATTE NORTH NRD
SWCP ATTACHMENT E
FOR EMERGENCY REPAIR OF CONSERVATION PRACTICES**

I. PURPOSE

On occasion, the LPNNRD Board of Directors may approve local SWCP funds for the Repair of conservation practices damaged from intense rainstorms. The decision for approving emergency repair funds will be considered annually, with the location and total amount of available funds dependent on the severity of storm damage to conservation practices in designated areas in the District. When approved by the Board, Emergency repair funds will be allocated in the following manner:

- A. The LPNNRD Board will consider approval of the amount and eligible area for emergency repair funds, with a recommendation from the Projects Committee. Typically, this will occur on or prior to the LPNNRD September Board Meeting.
- B. Only eligible Conservation Practices, two years old and newer that were originally built to NRCS design specifications, will be eligible for cost-share assistance.
- C. The committee will consider approval of emergency repair assistance only when it is determined by an NRCS technician that the damage was not due to landowner negligence in performing normal maintenance as outlined in NRCS O&M specifications.
- D. To be eligible for emergency repair funds, the landowner must be following an approved NRCS farm plan.
- E. Prior to LPNNRD approval, applications will receive recommendations from LPNNRD and NRCS staff. The LPNNRD Projects Committee will prioritize application practices and areas.
- F. Eligible assistance will be 50% of the approved amount up to a maximum of \$1,000 per landowner per program period.

**LOWER PLATTE NORTH NRD
SWCP ATTACHMENT F
2024 LANDS FOR CONSERVATION PROGRAM
)**

Purpose: The Lands for Conservation program provides landowners with an incentive to get conservation structures constructed on the land during the growing season.

1. The Lands for Conservation program will be on contractual basis between the landowner (cooperator) and the Lower Platte North Natural Resources District for one year while conservation practices are being established. Applications deadline for each calendar year will be February 1.
2. Sediment and Water Control Basins with tile outlets and/or terraces with grassed waterways and terraces with tile outlets qualify for this program. Sediment and Water Control Basins/Terraces and/or waterways must be seeded during the contract period.
3. NRCS and/or NRD personnel will design terraces with waterways or tile drains or Sediment and Water Control Basins with tile outlets. These practices must protect the entire field on which they are established. However, the area under contract will be the smallest practical area to encompass the practices, as agreed upon with the cooperator.
4. Land enrolled in another program (ex: CRP) may not be eligible for Lands for Conservation contracts.
5. Sediment and Water Control Basins with tile outlets and terraces with waterways or tile outlets may be cost-shared through the EQIP program administered by Natural Resources Conservation Service (NRCS). If federal funds are not available, cost-sharing assistance may be available through LPNNRD's Soil & Water Conservation Cost-Share Program.
6. **Construction must be done between June 1 and September 15.** The field must be available for construction by August 1. The area enrolled in the LPNNRD Lands for Conservation will be planted to cover crop or a non-grain forage crop (forage sorghum, etc.) preceding and/or after construction. The crop or cover may be harvested or pastured during the contract period.
7. **For 2024: Payment is \$164.00 per acre*.**
*Payment Rate will be reviewed annually. Payment rate is based on 2023 Nebraska Non-Irrigated Cropland Cash Rent Paid per Acre, Source: USDA National Agricultural Statistics Service.
Payment will not be processed and forward to the NRD applicant until the project (including the planting of the cover crop) has been certified as completed by the NRCS.
8. If used for permanent pasture before or after the contract period, these areas are not eligible for the Lands for Conservation Program. Money received through this program resulting in permanent pasture after the contract period, must be returned. Land can be used for hayland as a normal part of the crop rotation.
9. If ownership of land changes during the contract period, the contract becomes void. The new owner may continue the contract, if agreed to with the Lower Platte North NRD.
10. Approval of contracts will be on a rotating basis.
11. The landowner will contract for the construction of Sediment and Water Control Basins, terraces, waterways, tile outlets and any other necessary construction.
12. Terraces, Sediment and Water Control Basins, waterways and tile outlets must be maintained for 10 years or as long as the current owner has control of the land, whichever is less.
13. **Eligible Watersheds for the Lands for Conservation Program: Within the Wahoo Watershed, three of the HUC 12 sub watersheds were identified as highest priority areas for this program: North Fork-Wahoo Creek, Dunlop Creek and Miller Branch-Wahoo Creek. The Shell Creek Watershed. Applications OUTSIDE of priority watersheds will be evaluated after high priority applications.**

United States Senate
WASHINGTON, DC 20510

April 18, 2024

Kayed Lakhia, Director
Hazard Mitigation Assistance Division
Mitigation Directorate Federal Insurance and Mitigation Administration
Federal Emergency Management Agency
400 C Street, SW
Washington, DC 20472

Dear Ms. Lakhia:

I ask your careful consideration of the City of Fremont's Federal Emergency Management Agency's (FEMA) application for the Building Resilient Infrastructure and Communities (BRIC) grant.

The City of Fremont and Dodge County have experienced some of the nation's highest rates of flooding events since the U.S. began tracking impacts in 1953. Nebraska's Flood Hazard Mitigation Plan repeatedly ranks Dodge County among the top 10 counties for exposure to riverine flooding. Expected annual losses in the county are ranked among the highest in the state. BRIC funding for their drainage improvement project would greatly reduce the risk of future flooding in these areas.

Thank you for your consideration.

Sincerely,



Deb Fischer
United States Senator

MIKE FLOOD
1ST DISTRICT, NEBRASKA

WASHINGTON OFFICE
343 CANNON HOUSE OFFICE BUILDING
WASHINGTON, D.C. 20515
(202) 225-4806

LINCOLN DISTRICT OFFICE
301 SOUTH 13TH STREET
SUITE 100
LINCOLN, NE 68508
(402) 438-1598

COMMITTEE ON FINANCIAL SERVICES
SUBCOMMITTEES:
DIGITAL ASSETS, FINANCIAL TECHNOLOGY,
AND INCLUSION
HOUSING AND INSURANCE

Congress of the United States
House of Representatives
Washington, DC 20515

April 17, 2024

Administrator Deanne Criswell
Federal Emergency Management Agency
P.O. Box 10055
Hyattsville, MD 20782-8055

Dear Administrator Criswell,

I write to express my support for the Building Resilient Infrastructure and Communities (BRIC) grant submitted by the City of Fremont, Dodge County, and the Lower Platte North Natural Resources District, all entities within Nebraska's 1st Congressional District. This BRIC grant application for the Fremont/Elkhorn Township Drainage Improvement Project was filed in February 2024 and is currently under review by FEMA. The total project cost is \$57 million, with the grant request of approximately \$43 million representing 75% of the project cost with local entities committed to funding the remaining 25%.

Fremont and Dodge County have experienced some of the nation's highest rates of flooding events since the U.S. began tracking impacts in 1953. Federal investment in communities at high risk of flooding has ramped up significantly in the past three years. However, funding has been disproportionately directed to East and West Coast states with only 22% of total funding going to interior and Gulf Coast states. Another statistic also illustrates how geographic distribution of funding has been uneven, with half the states collectively receiving less than 5% of this year's BRIC funding. I encourage FEMA to consider the flooding risks present in Midwest states, particularly Nebraska.

I applaud Fremont, Dodge County, and the Lower Platte North Natural Resources District as well as the numerous other governmental, business, and community partners that have come together to submit the BRIC grant application for the Fremont/Elkhorn Township Drainage Improvement Project and respectfully request FEMA give full and fair consideration to their submission. Please contact my District Director, Deb Schorr at 202-734-9362 should you have any questions about the proposal. Thank you for your time and attention to this matter.

Yours very truly,



Michael J. Flood

MJF:des

PETE RICKETTS
NEBRASKA

SUITE 139
RUSSELL SENATE OFFICE BUILDING
WASHINGTON, DC 20510-2710
(202) 224-4224

COMMITTEES:
FOREIGN RELATIONS
ENVIRONMENT AND PUBLIC WORKS
AGING

United States Senate

April 18, 2024

Hon. Deanne Criswell
Administrator
Federal Emergency Management Agency
500 C St SW
Washington, DC 20024

Dear Administrator Criswell,

I write to request your consideration for the Building Resilient Infrastructure and Communities (BRIC) grant application for \$39,582,102 submitted by the City of Fremont, NE located in Dodge County. In the last twenty years, Dodge County has had six federal disaster declarations related to flooding impacts from severe storms and climate:

- FEMA-1517-DR in July of 2004
- FEMA-4014-DR in August of 2011
- FEMA-1779-DR in July of 2008
- FEMA-4325-DR in August of 2017
- FEMA-1924-DR in September 2010
- FEMA-4420-DR in March of 2019

The City of Fremont, Dodge County, and the Lower Platte North Natural Resource District (LPNNRD) have been working together to identify mitigation solutions to reduce flood risk throughout the region for many years, as well as continually coordinate emergency management efforts post-disasters. If awarded the BRIC grant, the City of Fremont has stated they will strengthen the surrounding township's resilience against future floods along with the greater watershed in eastern Nebraska, including downstream wells in the cities of Lincoln and Omaha.

I ask that you please give all due and fair consideration, in accordance with all rules and regulations, to the City of Fremont's grant application for the BRIC grant. If you have any questions regarding this letter, please contact Trinity Chappellear in my Omaha office; she may be reached by phone at 402-550-8050 or by email at Trinity_Chappellear@ricketts.senate.gov.

Respectfully,



Pete Ricketts
United States Senator

April 16, 2024

Central Cut-Off Ditch

Larry & Justin,

Here is estimate for repairing the Central Cut-Off Ditch. We would be trucking in fat clay from the Lyman-Richey site in Fremont. We would push it over the edge of the slope and compact with the excavator bucket and dozer tracks if not too steep.

Based on our survey there is about 4,650 CY of fill needed. If you round that up to 5,000 CY at \$12/CY you would be spending \$60,000.

Bid does not include: Testing, permits, erosion control, seeding or bond.

Sincerely,



Matt Pruss
Vice President

CUTOFF DITCH

Legend

14

Old Lincoln Hwy

Old Lincoln Hwy

Old Lincoln Hwy

Old U.S. 30

Old Lincoln Hwy

Old Lincoln Hwy

3

Google Earth

Image © 2024 Airbus



1000 ft



CUTOFF DITCH

Legend

14

3

Old Lincoln Hwy

Old Lincoln Hwy

Old Lincoln Hwy

Old U.S. 30

Old Lincoln Hwy

Old Lincoln Hwy

Google Earth

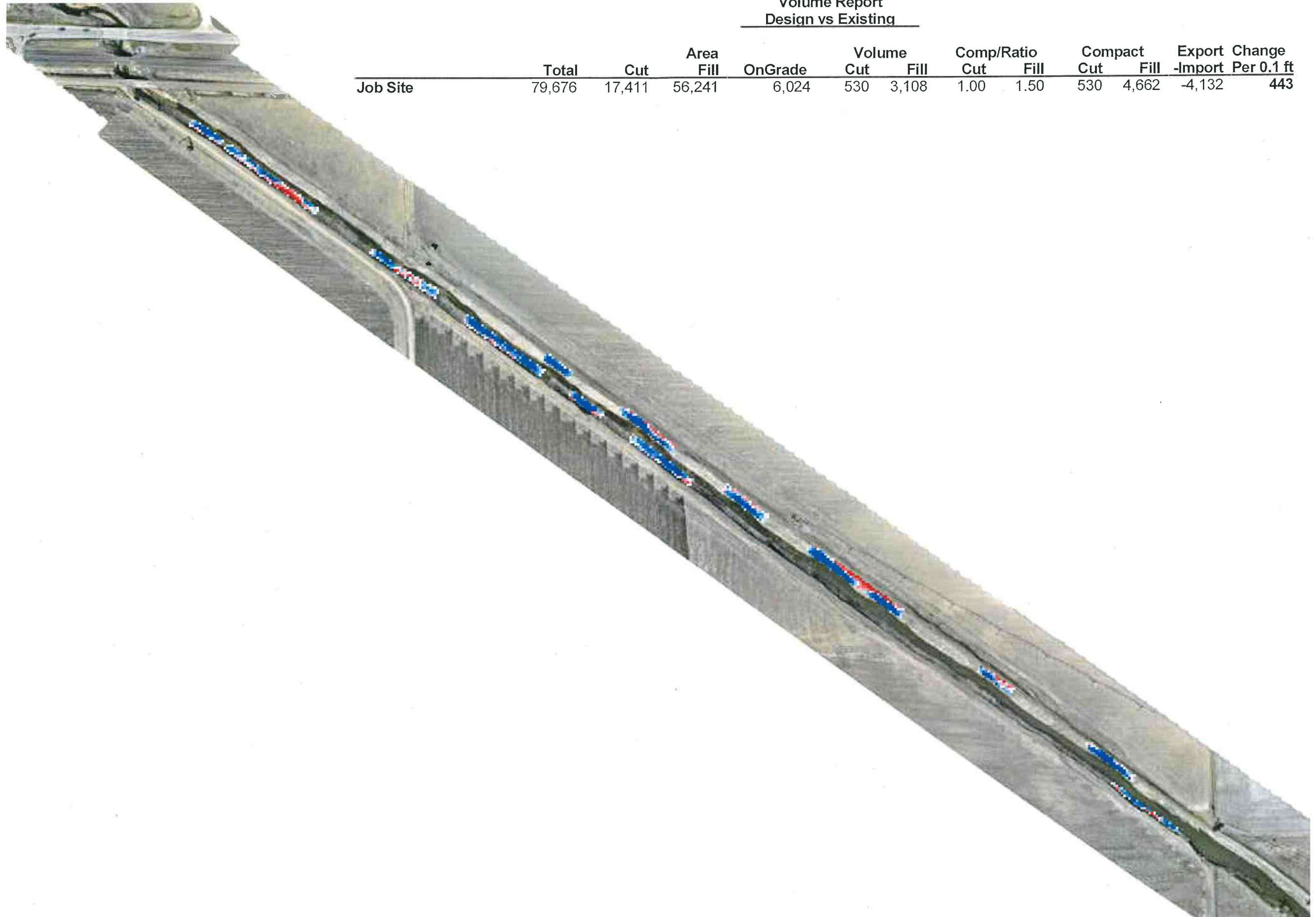
Image © 2024 Airbus



1000 ft

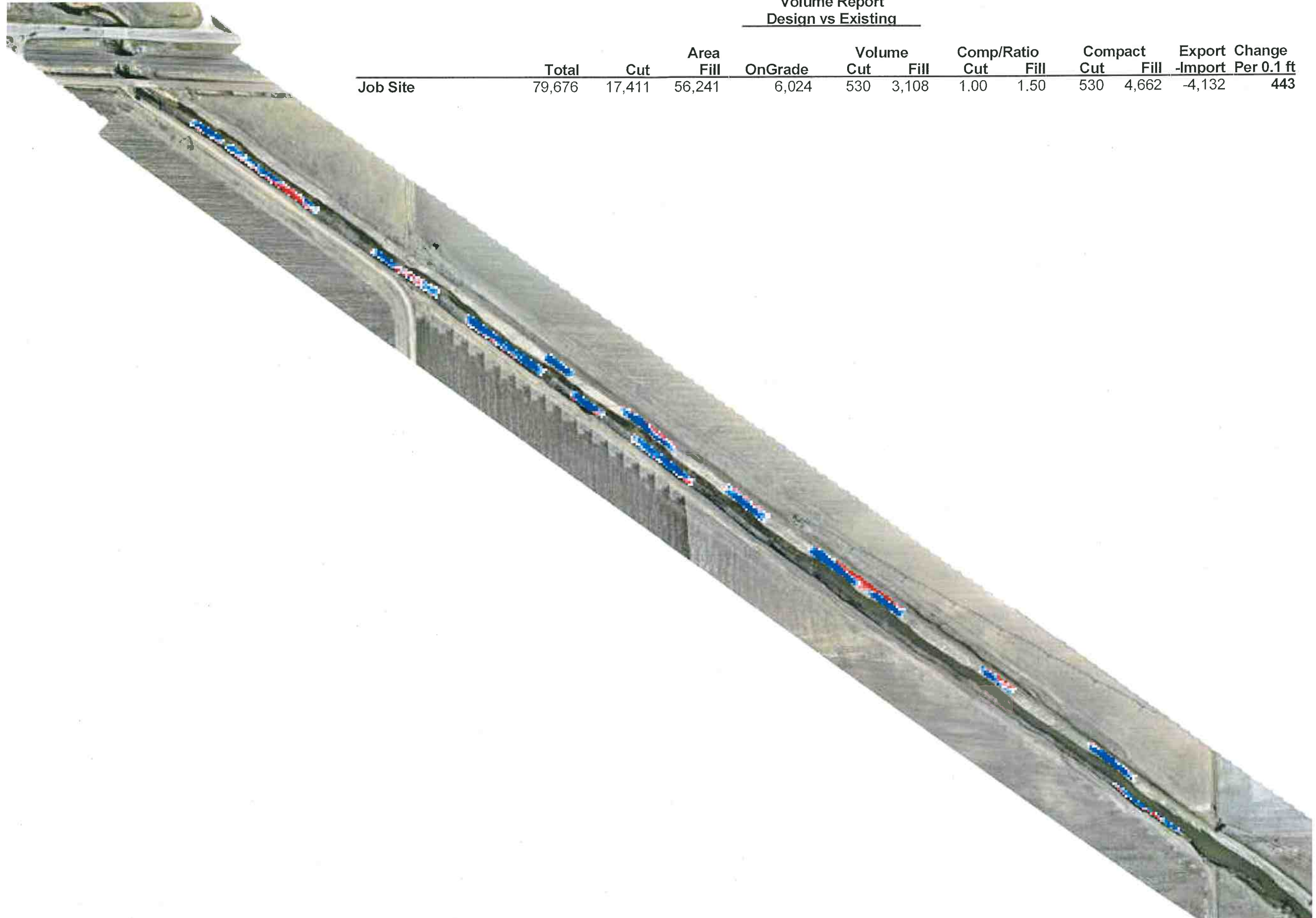
Volume Report
Design vs Existing

	Total	Cut	Area Fill	OnGrade	Volume		Comp/Ratio		Compact		Export Change	
					Cut	Fill	Cut	Fill	Cut	Fill	-Import	Per 0.1 ft
Job Site	79,676	17,411	56,241	6,024	530	3,108	1.00	1.50	530	4,662	-4,132	443



Volume Report
Design vs Existing

Job Site	Total	Cut	Area Fill	OnGrade	Volume		Comp/Ratio		Compact		Export	Change
					Cut	Fill	Cut	Fill	Cut	Fill	-Import	Per 0.1 ft
Job Site	79,676	17,411	56,241	6,024	530	3,108	1.00	1.50	530	4,662	-4,132	443



LPNNRD

Cover Sheet For NSWCP Cost-Share Applications

Date 4-25-2024 Land Legal 31-19-1w
Landowner Roger Goering Phone # 402.276.1139
Address 37875 261 Ave. Hta SS# _____
City Platte Center State NE. Zip 68653
Operator _____ Phone# _____
Address _____
City _____ State _____ Zip _____

1. Cost-Share Request: (circle one option per application)

- A. Establishment of warm or cool season grass on cropland.
- B. New Terraces with Tile Outlets
(has never been terraced before) (existing terraces on field are 20 years old or older)
- C. New Terraces with grass waterways
(has never been terraced before) (existing terraces on field are 20 years old or older)
- D. Install Tile outlets into existing terrace system
(this practice is for summer sign-up only, with a \$3,500.00 cost-share limit and limited payment on dirt work.)

E. Water Impoundment Structure
(75% land treatment required above structure site)

F. Other Electric Livestock well and Pipeline

TANKS
AND Pond Fence
exclusion
Non-cost share

2. If approved, when do you plan to do the work? Summer or Fall

3. Has this area been in grass or trees in the last 5 years? Yes or No

4. Is the proposed project located within the drainage of an existing or proposed NRD watershed structure, or watershed targeted for accelerated land treatment?

Yes or No If yes which watershed? Shell Creek

5. Comments Plans to do this Summer 2024

NRCS Estimate \$ 10,666.00

Description of project on Backside

Project Committee

Roger currently has cattle on the North and South side of County road. Rotates between both pastures during summer months. The north pasture has a well on it, but the south pasture currently does not. He does not own the north pasture. ~~It~~ Without a water source on the south pasture it does not allow him to be in a rotational grazing system.

He will fence out the pond to exclude cattle from entering the pond. Only emergency use only. Non/cost share.

Also he will provide 2 day storage in the tanks. Non/cost share.

By providing a water source this will keep the pasture in grass for the future allowing the producer to best utilize the grass available.

Wahoo Creek Site 77

Comparison between pipe diameters

By: Dan Lightbody

3/28/2024

inputs - OK to change

Calculations - DO NOT CHANGE

Material Costs

48" RCPP	1200	LF
72" RCPP	2500	LF
48" Riser	225000	EA
48" impact	250000	EA
72" Riser	360000	EA
72" impact	400000	EA
Earthwork	5	CY

Pipe length 176 LF

	Conduits	Pipe Dia (in)	Pool Elev.	Aux Width (ft)	Earthwork (yd ³)	pipe	Riser	impact basin	earthwork	Total	Distance off base
Alternative 1	2	48	1244	200	0	\$422,400	\$450,000	\$500,000	\$0	\$1,372,400	\$172,400
Alternative 2	1	72	1244	200	0	\$440,000	\$360,000	\$400,000	\$0	\$1,200,000	Base
Alternative 3	1	48	1242	200	0	\$211,200	\$225,000	\$250,000	\$0	\$686,200	-\$513,800
Alternative 4	1	48	1244	350	75,000	\$211,200	\$225,000	\$250,000	\$375,000	\$1,061,200	-\$138,800



Progress Report for Wahoo Creek Watershed Dams Sites



Lower Platte North NRD

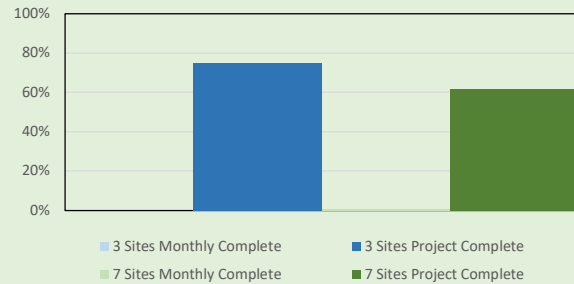
For Work Completed During The Month Of : **March, 2024**
(through 04/06/24)

Project # 018-3423 Dam Site 26A, 26B, &27 Project Phase	Phase Budget	Billings for Month		Project Total Billings to Date	
		Current Earned/Billings	% Completed This Month	JTD Earned/Billings	% Completed Overall
010 - Project Management/Meetings	\$ 23,213		0.0%	\$ 14,067.55	60.6%
020 - Geotechnical Engineering	\$ 224,493		0.0%	\$ 226,775.48	101.0%
030 - Dam Design	\$ 184,885		0.0%	\$ 199,168.83	107.7%
040 - Permitting	\$ 86,634		0.0%	\$ 60,884.18	70.3%
050 - Survey and Legal Descriptions	\$ 11,142		0.0%	\$ 23,636.47	212.1%
060 - Community/Public Participation	\$ -			\$ -	
070 - Construction Services	\$ 171,962			\$ 1,590.75	0.9%
				\$ -	
3 Sites Totals	\$ 702,329	\$ -	0.0%	\$ 526,123.26	74.9%

Project # A18-3423 (separate invoice) Sites 55, 66, 77, 82, 84, 85, &86 Project Phase	Phase Totals	Billings for Month		Project Total Billings to Date	
		Current Earned/Billings	% Completed This Month	JTD Earned/Billings	% Completed Overall
100 - Project Management/Meetings	\$ 60,813		0.0%	\$ 33,240.14	54.7%
110 - Geotechnical Engineering	\$ 592,047	\$ 1,943.37	0.3%	\$ 581,152.77	98.2%
120 - Dam Design	\$ 425,202	\$ 9,509.64	2.2%	\$ 414,375.73	97.5%
130 - Permitting	\$ 244,810	\$ 6,929.88	2.8%	\$ 157,524.55	64.3%
140 - Survey and Legal Descriptions	\$ 28,165		0.0%	\$ 33,529.76	119.0%
150 - Community/Public Participation	\$ 30,000		0.0%	\$ 5,899.20	19.7%
160 - Other	\$ -			\$ -	
170- Construction Services	\$ 603,992			\$ -	0.0%
7 Sites Totals	\$ 1,985,029	\$ 18,382.89	0.9%	\$ 1,225,722.15	61.7%

Billings For Month	\$ 18,382.89
Total Billings To Date	\$ 1,751,845.41
Project Budget	\$ 2,687,358.00
Budget Remaining	\$ 935,512.59

% Budget Spent Per Site



Summary Of Work Completed This Month	
Sites 26A, 26B, & 27	Sites 55,66,77,82,84,85, & 86
-Meeting with NRCS and Fish & Wildlife to discuss depletion calculations for Sites 26a, 26b, and 27	-Completed field exploration for Site 55 -Meeting to discuss Site 77 spillway design and modifications -Updating depletion calculation and responses for permit -Coordination and discussions with USACE

Planned Work For Next Month	
Site 26A, 26B, & 27	Sites 55, 66, 77, 82, 84, 85, & 86
-Goal is to have State approval by end of April or early May	-Design process for remainder of dams: 85 and 86 and then design and construction of 55, 66, 77, and 84 -Depletion calculation for 2nd six dams. Determination if any modifications are needed based upon results. -Geotechnical analysis for Site 55 and laboratory testing

For questions regarding billings, please contact Andrew Phillips at (402) 440-8807 or aphillips@olsson.com

Invoice



601 P St Suite 200
PO Box 84608
Lincoln, NE 68501-4608
Tel 402.474.6311, Fax 402.474.5063

April 23, 2024
Invoice No: 494983

Ryan Chapman
Lower Platte North NRD
PO Box 126
Wahoo, NE 68066-0126

Invoice Total \$18,382.89

Olsson Project # A18-34230 Lower Platte North NRD Wahoo Creek Watershed & 7 Dam Sites
Phase II
Professional services rendered March 10, 2024 through April 6, 2024 for work completed in accordance with agreement.

Phase	110	Geotechnical Engineering		
Labor				
			Hours	Amount
		Project Professional	12.25	1,880.50
		Administrative/Clerical	.75	62.87
		Totals	13.00	1,943.37
		Total Labor		1,943.37
			Total this Phase	\$1,943.37

Phase	120	Dam Design		
Labor				
			Hours	Amount
		Project Professional	11.75	1,803.74
		Assistant Professional	13.50	1,437.62
		Designer	26.00	3,320.72
		CAD Operator	42.00	2,947.56
		Totals	93.25	9,509.64
		Total Labor		9,509.64
			Total this Phase	\$9,509.64

Phase	130	Permitting		
Labor				
			Hours	Amount
		Project Manager	31.00	5,471.50
		Project Professional	9.25	1,089.94
		Assistant Professional	4.00	368.44
		Totals	44.25	6,929.88
		Total Labor		6,929.88

Project	A18-34230	Lower Platte North NRD Wahoo Creek Water	Invoice	494983
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Total this Phase	\$6,929.88
-------------------------	-------------------

AMOUNT DUE THIS INVOICE	\$18,382.89
--------------------------------	--------------------

Authorized By: Andrew Phillips

INVOICE PAYMENT IS REQUESTED WITHIN 30 DAYS

Invoice



601 P St Suite 200
PO Box 84608
Lincoln, NE 68501-4608
Tel 402.474.6311, Fax 402.474.5063

April 18, 2024
Invoice No: 494185

Ryan Chapman
Lower Platte North NRD
PO Box 126
Wahoo, NE 68066-0126

Invoice Total \$5,143.36

Olsson Project # 023-00443 LPNNRD Wahoo Creek Watershed Flood Reduction Project Real Estate Services

Professional services rendered through April 6, 2024 for work completed in accordance with our Agreement dated February 17, 2023.

Phase 100 Real Estate Acquisitions

Labor

	Hours	Amount	
Principal	19.75	4,686.87	
Designer	1.00	127.72	
Administrative/Clerical	2.25	148.47	
Totals	23.00	4,963.06	
Total Labor			4,963.06

Reimbursable Expenses

Personal Vehicle Mileage	81.07	
Shipping and Delivery	99.23	
Total Reimbursables	180.30	180.30

Total this Phase \$5,143.36

Billing Limits

	Current	Prior	To-Date
Total Billings	5,143.36	43,963.41	49,106.77
Limit			210,000.00
Balance Remaining			160,893.23

AMOUNT DUE THIS INVOICE \$5,143.36

Billings to Date

	Current	Prior	Total
Labor	4,963.06	40,782.39	45,745.45
Expense	180.30	3,181.02	3,361.32
Totals	5,143.36	43,963.41	49,106.77

Email invoices to: rchapman@lpnnrd.org; selliott@lpnnrd.org and CC: jbreunig@lpnnrd.org

Authorized By: Danielle Allen



Lower Platte River
CORRIDOR ALLIANCE

LEAD. ORGANIZE. INSPIRE.
The voice of the Lower Platte.



2024 - 2029 REVISION TO THE WATER QUALITY MANAGEMENT PLAN for The Lower Platte River Corridor Alliance

Approved by EPA on **TBD**, 2024

2024 – 2029 Revision to the Water Quality Management Plan for the Lower Platte River Corridor Alliance

This document constitutes a revision and amendment to the 2019 – 2024 Water Quality Management Plan for the Lower Platte River Corridor Alliance (LPRCA), which includes the Lower Platte – Shell, Lower Platte, Salt and Lower Elkhorn Hydrologic Unit Code 8 (HUC 8) watersheds, hereinafter referred to as the “LPRCA Watersheds”. This amendment will be attached to the original LPRCA Water Quality Management Plan upon finalization. The Water Quality Management Plan, including this revision, is intended to serve as a coordination guide for the Lower Platte River Corridor Alliance, conservation organizations, communities, and educational institutions to plan and implement water quality management projects in the LPRCA Watersheds. It is expected that potential project sponsors will communicate and coordinate their activities in the LPRCA Watersheds with the key partners in the plan, including the Papio-Missouri River NRD (Papio NRD), Lower Platte North NRD (LPNNRD), Lower Platte South NRD (LPSNRD), and Nebraska Department of Environment & Energy (NDEE). Other plan stakeholders and members of the LPRCA include the Nebraska Department of Natural Resources (DNR), Nebraska National Guard and Camp Ashland, University of Nebraska-Lincoln (UNL), Nebraska Game and Parks Commission (NGPC), and the United States Geological Survey (USGS).

Highlights of Accomplishments 2019-2024

In 2023, the LPRCA began scoping monitoring well installation in Springfield, Nebraska. Monitoring well clusters will be installed upstream and downstream of the City of Springfield’s Wellhead Protection Area (WHPA) to monitor the baseline nitrate conditions in the soils and groundwater. The LPRCA will also coordinate with the City of Springfield to implement Urban Stormwater BMPs such as bioswales, rain gardens, and improved pet waste and soil health management to reduce the introduction of nitrate into the WHPA. This project is part of the Lower Platte River Water Quality and Springfield, NE Drinking Water Protection Management Implementation: Phase 1 Project.

The mission of the LPRCA is to foster the development and implementation of locally drawn strategies, actions, and practices to protect, enhance, and restore the vitality of the Lower Platte River’s resources. The LPRCA continues to meet semiannually to coordinate and plan efforts to support this mission, where the Water Quality Management Plan is a key focus. Meetings involve a variety of public agencies and private consultants, who regularly give Lower Platte relevant updates from their respective organizations. Beyond the Water Quality Management Plan, the programs and projects discussed involve active studies (e.g. USGS Stream Gauges, Stream Cameras, Trend Analyses), ongoing projects (e.g. Platte River Railroad Obstruction) and future work (e.g. LPNNRD Drainage Project with Dodge County and City of Fremont, Lower Platte River Aquatic Ecosystem Restoration Comprehensive Study Update). The LPRCA also conducts outreach activities, such as an airboat tour of the Lower Platte River in 2023. The group continues to grow and complete impactful water and environmental work in the Lower Platte River area.

Amendments to the Water Quality Management Plan 2024 – 2029

1. The Water Quality Management Plan for the Lower Platte River Corridor Alliance is amended to extend from **TBD**, 2024 through **TBD**, 2029. Goals, objectives, tasks, priorities, and other actions, with the exception of those amended in this document, continue as guidance for implementing nonpoint source management projects in the

LPRCA Watersheds. Priority watershed selection, load reduction data and significant land use data remain the same due to insignificant overall change in the LPRCA Watersheds.

2. All references to the Nebraska Department of Environmental Quality (NDEQ) are amended to the Nebraska Department of Environment and Energy (NDEE) reflecting the Department's name change.
3. On Page 17 the following statement is made:

The 2016 Nebraska Water Quality Integrated Report prepared by NDEQ identified both segments of the lower Platte River as impaired. Segment LP1–10000 is identified as impaired for aquatic life due to selenium and for a fish consumption advisory. LP1–20000 is identified as impaired for recreation due to *E. coli* (NDEQ, 2016).

The statement is amended to be the following (changes in red), as revised by subsequent publications of the Nebraska Surface Water Quality Integrated Report:

The 2020 Nebraska Water Quality Integrated Report prepared by NDEE identified both segments of the lower Platte River as impaired. Segment LP1–10000 is identified as impaired for Recreation use due to *E. coli* bacteria, impaired for Aquatic Life use due to a Fish Consumption Advisory for Hazard Index Compounds and impaired for Public Drinking Water Use due to Arsenic. LP1–20000 is identified as impaired for Recreation use due to *E. coli* bacteria and impaired for Public Drinking Water Use due to Arsenic (NDEE, 2020).

Note that no further changes to these waterbodies were reported within the 2022 Nebraska Water Quality Integrated Report. The addition of arsenic impairment is due to a 2019 revision of Nebraska's water quality standards which lowered the arsenic drinking water standard from 10 µg/L to 0.18 µg/L. The removal of selenium impairment for LP-10000 is due to an update of the Selenium assessment methods for acute water quality standards reflecting EPA's priority toxic pollutants method.

The 2020 Nebraska Water Quality Report is further appended to the References section on pages 83-84 as:

NDEE 2021, 2020 Surface Water Quality Integrated Report.

4. On Page 74 the following statement is made:
 - Loup River – Impaired for Recreation—bacteria; and Aquatic Life—fish consumption. A TMDL has been approved.
 - Elkhorn River – Impaired for Recreation—bacteria. A TMDL has been approved.
 - Salt Creek – Impaired for Recreation—bacteria; Aquatic Life—Ammonia, Chloride; Fish consumption advisory; Impaired aquatic community; Agriculture Water Supply—conductivity. A TMDL has been approved.

The statement is amended to be the following (changes in red), as revised by subsequent publications of the Nebraska Surface Water Quality Integrated Report:

- Loup River – Impaired for Recreation—bacteria. A TMDL has been approved.

- Elkhorn River – Impaired for Recreation—bacteria. A TMDL has been approved.
- Salt Creek – Impaired for Recreation—bacteria; Aquatic Life—Ammonia, Copper; Impaired Aquatic Community. A TMDL has been approved.

The 2022 Nebraska Water Quality Report is further appended to the References section on pages 83-84 as:

NDEE 2023, 2022 Surface Water Quality Integrated Report.

5. Schedule and Milestones (Table 16, Page 77) is revised to reflect the new project timeline. See **Attachment 1**. The narrative schedules on Pages 76 and ES8 are adjusted to reflect the new project timeline.
6. The following impairment tables from the 2022 NE IR Report are appended as an additional series of Tables under the Management Plan Implementation section. See **Attachment 2**.
7. On Page 74 the following statement is made regarding septic tank system replacement:
 “If the homeowner wishes to upgrade to current design standards, the homeowner may request up to 60% reimbursement (not to exceed \$3,000) for the replacement of the system in addition to 60% reimbursement (not to exceed \$300) for pumping and inspection.”

Per NDEE’s current guidelines, the statement is amended as follows:

“If the homeowner wishes to upgrade to current design standards, the homeowner may request up to 60% reimbursement (not to exceed **\$15,000**) for the replacement of the system in addition to 60% reimbursement (not to exceed \$300) for pumping and inspection.”

The homeowner must still provide proof that the new system has been properly registered with NDEE.

8. On Page 64 under Management Initiative 2, a third bullet is added as follows:
 - Implement Voluntary Septic Tank Upgrade Program
 - Contributing Watershed Coordination Plan
 - **Implement Wellhead Protection Plan(s) (as applicable) within Wellhead Protection Areas (see Figure 9) as Special Priority Areas**
9. Figure 9, displaying the current Wellhead Protection Areas, is amended as shown in **Attachment 3**.

ATTACHMENT 1
REVISED TABLE 16. PLAN IMPLEMENTATION
MILESTONES

Table 16 (Amended). Plan Implementation Milestones

Milestone	1	2	3	4	5	6-10	11-20
	2024	2025	2026	2027	2028	2029-2035	2036-2046
Plan Re-Evaluation	Annually						
Implement Information and Outreach Strategies	Ongoing						
Identify funding for Priority 1 Watershed Implementation	X	X	X	X	X	X	X
Implementation of BMPs association with Priority 1 Watersheds				X	X		
Priority 1 Watersheds Composite <i>E. coli</i> load reduction					6.62E+16 CFU/ Year = 10% of Total Load Reduction Needed to meet TMDL goal at Louisville	TBD ¹	TBD ¹
Initiate Contributing Watershed Coordination Plan			X				
Identify funding for Voluntary Septic Tank Inspection Program		X	X				
Develop Details and Outreach Materials for Voluntary Septic Tank Inspection Program			X				
Perform first septic tank inspection			X				
Perform first cost-share septic tank remediation			X				
Watershed Plan Update (every 5 years)	X					X	X

¹As Priority I Watersheds are re-evaluated and assigned during Watershed Plan updates, the E. Coli load reductions will be calculated. The intent of full Watershed Plan implementation is to achieve the 1.49E+17cfu annual reduction needed at the Louisville gauge to achieve the TMDL limit.

ATTACHMENT 2
2022 NEBRASKA WATER QUALITY INTEGRATED
REPORT IMPAIRMENT TABLES

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
Lakes											
EL1-L0010	Highway 275 Bypass Lake No. 1	NA	NA		NA		NA	NA	3		
EL1-L0020	Highway 275 Bypass Lake No. 2	NA	NA		NA		NA	NA	3		
EL1-L0030	Highway 275 Bypass Lake No. 4 (Johnson Park Lake)	NA	S		NA		NA	S	2		Fish Consumption Assessment completed
EL1-L0040	Highway 275 Bypass Lake No. 3	NA	NA		NA		NA	NA	3		
EL1-L0050	Hooper City Lake	NA	NA		NA		NA	NA	3		
EL1-L0060	West Point City Lake (Neligh Park Lake)	NA	I		S		S	I	5	Aquatic Life - Fish Consumption Advisory (Mercury), Chlorophyll α (Total Nitrogen, Total Phosphorus)	Lake renovated 2004, Fish Consumption Assessment completed
EL1-L0070	Pilger Reservoir	NA	S		S		S	S	2		Fish Consumption Assessment completed
EL1-L0075	Red Fox Lake (WMA)	NA	S		NA		NA	S	2		Fish Consumption Assessment completed
EL1-L0080	Maskenthine Reservoir	S	I		S		S	I	5	Aquatic Life - Fish Consumption Advisory (Mercury), Chlorophyll α , pH (Total Nitrogen, Total Phosphorus)	Fish Consumption Assessment completed
EL1-L0090	Leigh Tri-County Lake	NA	NA		NA		NA	NA	3		
EL1-L0095	Maple Creek Recreation Area Lake	I	I		NA		NA	I	5	Recreation (<i>E. coli</i>), Aquatic Life - Fish Consumption Advisory (Mercury)	New Lake built in 2011, Fish Consumption Assessment completed
EL1-L0100	Wood Duck Lake (WMA)	NA	NA		NA		NA	NA	3		

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
EL1-L0110	Loes Lake (Wood Duck WMA)	NA	NA		NA		NA	NA	3		
EL1-L0120	Pillar Lake (Wood Duck WMA)	NA	NA		NA		NA	NA	3		
EL1-L0130	Wood Duck Pond (Wood Duck WMA)	NA	NA		NA		NA	NA	3		
EL1-L0140	Dead Timber Lake	NA	S		S		S	S	2		Fish Consumption Assessment completed
EL2-L0010	Lyons City Park Lake	S	NA		NA		NA	S	2		
EL2-L0020	Wayne Izaak Walton Lake	NA	NA		NA		NA	NA	3		
EL3-L0010	Willow Creek Reservoir	I	I		S		S	I	5	Recreation - Algae Toxins (Microcystin), Aquatic Life - Chlorophyll α , pH (Total Nitrogen, Total Phosphorus)	Fish Consumption Assessment completed
EL3-L0020	Pierce City Lake	NA	NA		NA		NA	NA	3		
EL4-L0005	Andy's Lake	NA	NA		NA		NA	NA	3		
EL4-L0010	Ta-Ha-Zouka Park Lagoon	NA	S		NA		NA	S	2		Fish Consumption Assessment completed
EL4-L0020	Skyview Lake	S	I		S		S	I	5	Aquatic Life - Chlorophyll α (Unknown)	TN and TP are supporting, Fish Consumption Assessment completed
EL4-L0025	Horseshoe Bend (Tilden City Lake)	I	S		S		S	I	5	Recreation (<i>E. coli</i>)	Lake renovated 2003
EL4-L0030	Antelope County Country Club Lake	NA	NA		NA		NA	NA	3		

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
EL4-L0040	Penn Park Lake (Neligh)	NA	S		NA		NA	S	2		Fish Consumption Assessment completed
EL4-L0050	Goose Lake	NA	I		NA		NA	I	5	Aquatic Life - Fish Consumption Advisory (Mercury)	Fish Consumption Assessment completed
EL4-L0060	O'Neill City Lake	NA	S		NA		NA	S	2		Fish Consumption Assessment completed
EL4-L0070	Atkinson Lake (SRA)	NA	I		NA		NA	I	5	Aquatic Life - Fish Consumption Advisory (Mercury)	Fish Consumption Assessment completed
EL4-L0080	Swan Lake	NA	S		NA		NA	S	2		Fish Consumption Assessment completed
EL4-L0090	Overton Lake	NA	S		NA		NA	S	2		Fish Consumption Assessment completed
EL4-L0100	Fish Lake	NA	S		NA		NA	S	2		Fish Consumption Assessment completed
EL4-L0110	Peterson Lake	NA	NA		NA		NA	NA	3		
EL4-L0120	Twin Lake R.C. - North Lake (WMA)	NA	NA		NA		NA	NA	3		
EL4-L0130	Twin Lake R.C. - South Lake (WMA)	NA	NA		NA		NA	NA	3		
Streams											
EL1-10000	Elkhorn River	I	S		S		S	I	4a	Recreation (<i>E. coli</i>)	Se 4C justification approved 3/09†, <i>E. coli</i> TMDL approved 9/09, Fish Consumption Assessment completed
EL1-10100	Unnamed Creek		NA		NA		NA	NA	3		

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
EL1-10200	Big Slough		S		NA		S	S	2		Aquatic Community Assessment completed
EL1-10300	Rawhide Creek		S		S		S	S	1		Aquatic Community Assessment completed
EL1-10400	Rawhide Creek		S		NA		S	S	2		Aquatic Community Assessment completed
EL1-10500	Rawhide Creek		NA		NA		NA	NA	3		
EL1-10600	Bell Creek		S		S		S	S	1		Aquatic Community Assessment completed
EL1-10610	Brown Creek		NA		NA		NA	NA	3		
EL1-10620	Little Bell Creek		NA		NA		NA	NA	3		
EL1-10630	Unnamed Creek		NA		NA		NA	NA	3		
EL1-10700	Bell Creek		I		NA		NA	I	5	Aquatic Life - Impaired Aquatic Community (Unknown)	Aquatic Community Assessment completed
EL1-10800	Unnamed Creek		NA		NA		NA	NA	3		
EL1-10900	Maple Creek	I	I		S		S	I	5	Recreation (<i>E. coli</i>), Aquatic Life - Impaired Aquatic Community (Unknown)	Se 4C justification approved 3/09†, E. Coli TMDL approved 9/09, Aquatic Community Assessment completed, Fish Consumption Assessment completed
EL1-10910	Crystal Creek		NA		NA		NA	NA	3		

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
EL1-10920	East Fork Maple Creek		S		S		S	S	1		Aquatic Community Assessment completed
EL1-10930	West Fork Maple Creek		S		S		NA	S	2		
EL1-10931	Dry Creek		NA		NA		NA	NA	3		
EL1-10931.1	South Fork Dry Creek		NA		NA		NA	NA	3		
EL1-10932	Dry Creek		I		NA		NA	I	5	Aquatic Life - Impaired Aquatic Community (Unknown)	Aquatic Community Assessment completed
EL1-10933	Unnamed Creek		NA		NA		NA	NA	3		
EL1-10934	Unnamed Creek		NA		NA		NA	NA	3		
EL1-10940	West Fork Maple Creek		I		NA		NA	I	5	Aquatic Life - Impaired Aquatic Community (Unknown)	Aquatic Community Assessment completed
EL1-11000	Clark Creek		NA		NA		NA	NA	3		
EL1-20000	Elkhorn River	I	S		S		S	I	4a	Recreation (<i>E. coli</i>)	Se 4C justification approved 3/09†, E. coli TMDL approved 9/09, Aquatic Community Assessment completed, Fish Consumption Assessment completed
EL1-20100	Pebble Creek	I	S		S		S	I	4a	Recreation (<i>E. coli</i>)	Se 4C justification approved 3/09†, E. Coli TMDL approved 9/09, Aquatic Community Assessment completed, Fish Consumption Assessment completed

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
EL1-20110	Silver Creek		NA		NA		NA	NA	3		
EL1-20120	Unnamed Creek		NA		NA		NA	NA	3		
EL1-20121	Unnamed Creek		I		NA		S	I	5	Aquatic Life - Impaired Aquatic Community (Unknown)	Aquatic Community Assessment completed
EL1-20130	Unnamed Creek		S		NA		NA	S	2		Aquatic Community Assessment completed
EL1-20200	Pebble Creek		NA		NA		NA	NA	3		
EL1-20210	South Branch Pebble Creek		NA		NA		NA	NA	3		
EL1-20220	North Branch Pebble Creek		NA		NA		NA	NA	3		
EL1-20300	Pebble Creek		NA		NA		NA	NA	3		
EL1-20400	Cuming Creek		S		S		NA	S	2		
EL1-20410	Willow Creek		NA		NA		NA	NA	3		
EL1-20500	Cuming Creek		NA		NA		NA	NA	3		
EL1-20600	Fisher Creek		NA		NA		NA	NA	3		
EL1-20700	Plum Creek		S		S		NA	S	2		

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
EL1-20800	Plum Creek		NA		NA		NA	NA	3		
EL1-20810	Dry Creek		NA		NA		NA	NA	3		
EL1-20820	Kane Creek		NA		NA		NA	NA	3		
EL1-20900	Plum Creek		S		NA		S	S	2		Aquatic Community Assessment completed
EL1-21000	Rock Creek	I	I		S		S	I	5	Recreation (<i>E. coli</i>), Aquatic Life - Impaired Aquatic Community (Unknown)	Aquatic Community Assessment completed
EL1-21100	Leisy Creek		NA		NA		NA	NA	3		
EL1-21200	Sand Creek		NA		NA		NA	NA	3		
EL1-21300	Humbug Creek		S		NA		S	S	2		Aquatic Community Assessment completed
EL1-21310	South Humbug Creek		S		NA		S	S	2		Aquatic Community Assessment completed
EL1-21400	Humbug Creek		NA		NA		NA	NA	3		
EL1-21500	Payne Creek		NA		NA		NA	NA	3		
EL1-21600	Cedar Creek		NA		NA		NA	NA	3		
EL1-21700	Indian Creek		NA		NA		NA	NA	3		

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
EL1-21800	Butterfly Creek		NA		NA		NA	NA	3		
EL1-21900	Union Creek	I	S		S		S	I	5	Recreation (<i>E. coli</i>)	Fish Consumption Assessment completed, Aquatic Community Assessment completed
EL1-21910	Sand Creek		NA		NA		NA	NA	3		
EL1-21920	Meridian Creek		S		NA		S	S	2		Aquatic Community Assessment completed
EL1-21921	Tracy Creek		S		NA		S	S	2		Aquatic Community Assessment completed
EL1-21930	Meridian Creek		NA		NA		NA	NA	3		
EL1-22000	Union Creek	I	S		S		NA	I	5	Recreation (<i>E. coli</i>)	
EL1-22010	Taylor Creek		NA		NA		NA	NA	3		
EL1-22100	Union Creek		I		NA		NA	I	5	Aquatic Life - Impaired Aquatic Community (Unknown)	Aquatic Community Assessment completed
EL1-22200	Unnamed Creek		NA		NA		NA	NA	3		
EL1-22300	Unnamed Creek		NA		NA		NA	NA	3		
EL2-10000	Logan Creek	I	I		I		S	I	5	Recreation (<i>E.coli</i>), Aquatic Life (Natural Selenium), Agricultural Water Supply (Selenium)	Se 4C justification approved 3/09†, Fish Consumption Assessment completed

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
EL2-10100	Unnamed Creek		NA		NA		NA	NA	3		
EL2-10200	Little Logan Creek		S		S		S	S	1		Aquatic Community Assessment completed
EL2-10210	Unnamed Creek		NA		NA		NA	NA	3		
EL2-10300	Little Logan Creek		S		NA		S	S	2		Aquatic Community Assessment completed
EL2-10400	Big Slough Creek		NA		NA		NA	NA	3		
EL2-20000	Logan Creek	I	S		S		S	I	5	Recreation (<i>E. coli</i>)	
EL2-20100	Rattlesnake Creek		NA		NA		NA	NA	3		
EL2-20200	Unnamed Creek		S		NA		S	S	2		Aquatic Community Assessment completed
EL2-20300	Middle Creek		S		S		S	S	1		
EL2-20400	Rattlesnake Creek		I		NA		NA	I	5	Aquatic Life - Impaired Aquatic Community (Unknown)	Aquatic Community Assessment completed
EL2-20500	Unnamed Creek		NA		NA		NA	NA	3		
EL2-20600	Unnamed Creek		NA		NA		NA	NA	3		
EL2-20700	Coon Creek		I		NA		S	I	5	Aquatic Life - Impaired Aquatic Community (Unknown)	Aquatic Community Assessment completed
EL2-20800	South Logan Creek	I	S		S		S	I	5	Recreation (<i>E. coli</i>)	Fish Consumption Assessment completed

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
EL2-20810	Dog Creek		S		NA		S	S	2		Aquatic Community Assessment completed
EL2-20900	South Logan Creek		S		S		NA	S	2		
EL2-20910	Deer Creek		NA		NA		NA	NA	3		
EL2-20911	Unnamed Creek		NA		NA		NA	NA	3		
EL2-20920	Deer Creek		S		NA		S	S	2		Aquatic Community Assessment completed
EL2-21000	South Logan Creek		NA		NA		NA	NA	3		
EL2-30000	Logan Creek		S		S		NA	S	2		
EL2-30100	North Logan Creek		S		S		NA	S	2		
EL2-40000	Logan Creek		S		S		NA	S	2		
EL2-40100	Baker Creek		I		NA		S	I	5	Aquatic Life - Impaired Aquatic Community (Unknown)	Aquatic Community Assessment completed
EL2-40200	Middle Logan Creek		I		S		S	I	5	Aquatic Life - Impaired Aquatic Community (Unknown)	Aquatic Community Assessment completed
EL2-40300	Perrin Creek		S		NA		S	S	2		Aquatic Community Assessment completed
EL3-10000	North Fork Elkhorn River	I	S		NA		NA	I	5	Recreation (<i>E. coli</i>)	Fish Consumption Assessment completed

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
EL3-10100	Spring Creek		NA		NA		NA	NA	3		
EL3-20000	North Fork Elkhorn River	I	S		S		S	I	4a	Recreation (<i>E. coli</i>)	Se 4C justification approved 3/09†, E. coli TMDL approved 3/09, Aquatic Community Assessment completed, Fish Consumption Assessment completed
EL3-20100	Hadar Creek		NA		NA		NA	NA	3		
EL3-20200	Willow Creek	I	S		S		S	I	5	Recreation (<i>E. coli</i>)	Aquatic Community Assessment completed, Fish Consumption Assessment completed
EL3-20300	Willow Creek	NA	NA		NA		NA	NA	3		
EL3-20400	Dry Creek	I	S		NA		NA	I	5	Recreation (<i>E. coli</i>)	Aquatic Community Assessment completed
EL3-20500	Dry Creek		S		NA		S	S	2		Aquatic Community Assessment completed
EL3-30000	North Fork Elkhorn River		S		S		S	S	1		Aquatic Community Assessment completed
EL3-30100	West Branch North Fork Elkhorn River		NA		NA		NA	NA	3		
EL3-30110	Breslau Creek		NA		NA		NA	NA	3		
EL3-40000	North Fork Elkhorn River		NA		NA		NA	NA	3		

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
EL4-10000	Elkhorn River	I	S		S		S	I	4a	Recreation (<i>E. coli</i>)	E. coli TMDL approved 9/09, Aquatic Community Assessment completed, Fish Consumption Assessment completed
EL4-10100	Unnamed Creek		NA		NA		NA	NA	3		
EL4-10200	Unnamed Creek		NA		NA		NA	NA	3		
EL4-10300	Unnamed Creek		NA		NA		NA	NA	3		
EL4-10400	Battle Creek	I	S		S		S	I	5	Recreation (<i>E. coli</i>)	Aquatic Community Assessment completed, Fish Consumption Assessment completed
EL4-10500	Battle Creek		S		NA		S	S	2		Aquatic Community Assessment completed
EL4-10600	Deer Creek		NA		NA		NA	NA	3		
EL4-10700	Buffalo Creek		S		NA		S	S	2		Aquatic Community Assessment completed
EL4-10800	Dry Creek		NA		NA		NA	NA	3		
EL4-10900	Al Hopkins Creek		NA		NA		NA	NA	3		
EL4-11000	Giles Creek		NA		NA		NA	NA	3		
EL4-11100	Ives Creek		NA		NA		NA	NA	3		

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
EL4-11200	Trueblood Creek		NA		NA		NA	NA	3		
EL4-11300	Cedar Creek	I	S		S		S	I	5	Recreation (<i>E. coli</i>)	
EL4-11310	Blacksnake Creek		NA		NA		NA	NA	3		
EL4-11400	Cedar Creek		NA		NA		NA	NA	3		
EL4-20000	Elkhorn River	I	S		S		S	I	4a	Recreation (<i>E. coli</i>)	E. coli TMDL approved 9/09, Fish Consumption Assessment completed
EL4-20100	Belmer Creek		NA		NA		NA	NA	3		
EL4-20200	Antelope Creek		NA		NA		NA	NA	3		
EL4-20300	Clearwater Creek	I	S		S		S	I	5	Recreation (<i>E. coli</i>)	Aquatic Community Assessment completed
EL4-20400	Clearwater Creek		NA		NA		NA	NA	3		
EL4-20500	Cache Creek		S		S		NA	S	2		
EL4-20600	Cache Creek		S		NA		S	S	2		Aquatic Community Assessment completed
EL4-20700	South Fork Elkhorn River	I	S		S		S	I	5	Recreation (<i>E. coli</i>)	Aquatic Community Assessment completed
EL4-20800	South Fork Elkhorn River		S		NA		S	S	2		Aquatic Community Assessment completed

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
EL4-30000	Elkhorn River	I	S		S		S	I	4a	Recreation (<i>E. coli</i>)	E. coli TMDL approved 9/09, Fish Consumption Assessment completed, Aquatic Community Assessment completed
EL4-30100	Willow Swamp Creek		NA		NA		NA	NA	3		
EL4-30200	Dry Creek		S		S		S	S	1		Aquatic Community Assessment completed
EL4-30300	Dry Creek		NA		NA		NA	NA	3		
EL4-30400	Holt Creek		S		NA		S	S	2		Aquatic Community Assessment completed
EL4-30500	Holt Creek		S		NA		S	S	2		Aquatic Community Assessment completed
EL4-40000	Elkhorn River	I	S		S		S	I	5	Recreation (<i>E. coli</i>)	Aquatic Community Assessment completed
EL4-40100	South Fork Elkhorn River		NA		NA		NA	NA	3		
EL4-40200	North Fork Elkhorn River		NA		NA		NA	NA	3		

***Cancer risk compounds** -Aroclor-1248 (PCB-1248), Aroclor-1254 (PCB-1254), Aroclor-1260 (PCB-1260), cis-chlordane, Chlordane, trans-chlordane, DDD, DDE, DDT, Dieldrin, Heptachlor, Heptachlor Epoxide, Hexachlorobenzene, cis-nonachlor, trans-nonachlor, Oxychlordane, Pentachloroanisole, Trifluralin

***Hazard index compounds**- Aroclor-1254 (PCB-1254), Lindane (g-BHC), cis-chlordane, Chlordane, trans-chlordane, DDT, Dieldrin, Heptachlor, Heptachlor Epoxide, Hexachlorobenzene, cis-nonachlor, trans-nonachlor, Oxychlordane, Pentachloroanisole, Trifluralin, Mercury, Cadmium, Selenium

¹ XXX# designates in Title 117 an undesignated waterbody. See Title 117 Chapter 2.004.

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
Lakes											
LO1-L0010	Columbus City Park Pond	NA	I		NA		NA	I	5	Aquatic Life - Fish Consumption Advisory (Mercury)	Fish Consumption Assessment completed
LO1-L0020	Columbus Izaak Walton Lake	NA	NA		NA		NA	NA	3		
LO1-L0030	Pawnee Park Lake (Columbus)	NA	NA		NA		NA	NA	3		
LO1-L0040	Stires Lake	NA	NA		NA		NA	NA	3		
LO1-L0050	Wagner's Lake	NA	NA		NA		NA	NA	3		
LO1-L0060	Loup Power District Headgate Pond No. 1	NA	NA		NA		NA	NA	3		
LO1-L0070	Loup Power District Headgate Pond No. 2	NA	NA		NA		NA	NA	3		
LO1-L0080	Loup Power District Headgate Pond No. 3	NA	NA		NA		NA	NA	3		
LO1-L0090	Loup Power District Headgate Pond No. 4	NA	NA		NA		NA	NA	3		
LO1-L0100	Loup Power District Headgate Pond No. 5	NA	NA		NA		NA	NA	3		
LO1-L0110	Stevenson's Lake	NA	NA		NA		NA	NA	3		
LO1-L0120	Wolbach City Lake	NA	NA		NA		NA	NA	3		

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
LO1-L0125	Spalding Lake	NA	NA		NA		NA	NA	3		
LO1-L0130	Pibel Lake	NA	I		S		S	I	5	Aquatic Life - Fish Consumption Advisory (Mercury), Chlorophyll α (Total Nitrogen, Total Phosphorus)	Lake renovated 2018, Fish Consumption Assessment completed
LO1-L0140	Lake Ericson	NA	S		S		S	S	2		Fish Consumption Assessment completed
LO2-L0010	North Loup Lake (SRA)	NA	I		NA		S	S	5	Aquatic Life - Fish Consumption Advisory (Mercury)	Fish Consumption Assessment completed
LO2-L0015	Davis Creek Reservoir	S	I		S		S	I	5	Aquatic Life - Fish Consumption Advisory (Mercury)	Fish Consumption Assessment completed
LO2-L0020	Ord City Lake	NA	S		NA		S	S	2		Fish Consumption Assessment completed
LO2-L0030	Burwell Lake	NA	NA		NA		NA	NA	3		
LO2-L0040	Burwell Park Lake	NA	NA		NA		NA	NA	3		
LO2-L0050	Calamus Reservoir	S	I		S		S	I	5	Aquatic Life - Fish Consumption Advisory (Mercury), pH, Chlorophyll α (Total Nitrogen, Total Phosphorus)	Fish Consumption Assessment completed
LO2-L0055	Willow Lake B.C.	NA	S		NA		NA	S	2		Fish Consumption Assessment completed
LO2-L0060	Clear Lake	NA	S		S		S	S	2		

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
LO2-L0070	Enders Overflow Lake	NA	NA		NA		NA	NA	3		
LO2-L0080	Long Lake (SRA)	NA	S		S		S	S	2		
LO2-L0090	South Twin Lake (WMA)	NA	NA		NA		NA	NA	3		
LO2-L0100	Dew Lake (Valentine NWR)	NA	NA		NA		NA	NA	3		
LO2-L0110	Crooked Lake (Valentine NWR)	NA	NA		NA		NA	NA	3		
LO2-L0120	East Long Lake (Valentine NWR)	NA	NA		NA		NA	NA	3		
LO2-L0180	Cow Lake (Valentine NWR)	NA	NA		NA		NA	NA	3		
LO2-L0250	Coleman Lake (Valentine NWR)	NA	NA		NA		NA	NA	3		
LO2-L0260	Rat and Beaver Lake (WMA)	NA	S		NA		S	S	2		Fish Consumption Assessment completed
LO2-L0270	Mule Lake (Valentine NWR)	NA	NA		NA		NA	NA	3		
LO2-L0280	Devil's Punch Bowl Lake	NA	NA		NA		NA	NA	3		
LO3-L0010	Farwell South Reservoir	NA	S		NA		S	S	2		Fish Consumption Assessment completed

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
LO3-L0020	Sherman Reservoir	S	I		S		S	I	5	Aquatic Life - Fish Consumption Advisory (Mercury), (Total Phosphorus)	Fish Consumption Assessment completed
LO3-L0030	Bowman Lake (SRA)	NA	NA		NA		NA	NA	3		
LO3-L0040	Victoria Springs Lake (SRA)	NA	NA		NA		NA	NA	3		
LO3-L0050	Bessey Fish Pond (Nebraska National Forest)	NA	S		NA		S	S	2		Fish Consumption Assessment completed
LO3-L0060	Spring Valley Lake	NA	NA		NA		NA	NA	3		
LO3-L0070	Frye Lake	NA	I		S		S	I	5	Aquatic Life - Fish Consumption Advisory (Mercury)	Fish Consumption Assessment completed
LO3-L0090	Alkali Lake	NA	S		S		S	S	2		Naturally alkaline Sandhills lake
LO4-L0010	Ravenna Lake (SRA)	NA	I		NA		NA	I	5	Aquatic Life - Fish Consumption Advisory (Mercury)	Fish Consumption Assessment completed
LO4-L0020	Beaver Creek Lake (SWA)	NA	NA		NA		NA	NA	3		
LO4-L0030	Ansley City Lake	NA	I		S		S	I	5	Aquatic Life - Fish Consumption Advisory (Mercury), Chlorophyll a (Total Nitrogen)	Lake renovated 2003, Fish Consumption Assessment completed
LO4-L0040	Melham Park Lake (Broken Bow)	NA	I		NA		NA	I	5	Aquatic Life - Fish Consumption Advisory (Mercury)	Fish Consumption Assessment completed
LO4-L0045	Pressey Pond (WMA)	NA	I		NA		NA	I	5	Aquatic Life - Fish Consumption Advisory (Mercury)	Previously listed as LO4-LXXX1, permanent Waterbody ID assigned 6/19, Fish Consumption Assessment completed

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
LO4-L0050	Arnold Lake (SRA)	NA	I		NA		S	S	5	Aquatic Life - Fish Consumption Advisory (Mercury)	Fish Consumption Assessment completed
Streams											
LO1-10000	Loup River	I	S		S		S	I	4a	Recreation (<i>E. coli</i>)	E. coli TMDL approved 1/06, Fish Consumption Assessment completed
LO1-10100	Barnum Creek		NA		NA		NA	NA	3		
LO1-10200	Cherry Creek		NA		NA		NA	NA	3		
LO1-10300	Unnamed Creek		NA		NA		NA	NA	3		
LO1-10400	Looking Glass Creek		S		NA		NA	S	2		Aquatic Community Assessment completed
LO1-10500	Looking Glass Creek		NA		NA		NA	NA	3		
LO1-10600	Beaver Creek	I	S		S		S	I	5	Recreation (<i>E. coli</i>)	Fish tissue assessment completed, Aquatic Community Assessment completed
LO1-10610	Bogus Creek		NA		NA		NA	NA	3		
LO1-10700	Beaver Creek	I	I		S		S	I	5	Recreation (<i>E. coli</i>), Aquatic Life - Impaired Aquatic Community (Unknown)	Aquatic Community Assessment completed, Fish Consumption Assessment completed
LO1-10800	Beaver Creek		S		NA		S	S	2		Aquatic Community Assessment completed
LO1-10900	Beaver Creek		S		NA		S	S	2		Aquatic Community Assessment completed

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
LO1-10910	Unnamed Tributary		NA		NA		NA	NA	3		
LO1-11000	Beaver Creek		NA		NA		NA	NA	3		
LO1-20000	Loup River	NA	NA		NA		NA	NA	3		
LO1-20100	Unnamed Creek		NA		NA		NA	NA	3		
LO1-20200	Loup River Canal	I	S		S		S	I	5	Recreation (<i>E. coli</i>)	Fish tissue assessment completed
LO1-30000	Loup River	I	S		S		S	I	4a	Recreation (<i>E. coli</i>)	E. coli TMDL approved 1/06
LO1-30100	Council Creek		NA		NA		NA	NA	3		
LO1-30200	Plum Creek		S		NA		S	S	2		Aquatic Community Assessment completed
LO1-30300	Cedar River	I	S		S		S	I	4a	Recreation (<i>E. coli</i>)	E. coli TMDL approved 1/06, Fish Consumption Assessment completed
LO1-30310	Timber Creek		S		S		S	S	1		
LO1-30311	South Branch Timber Creek		I		NA		S	I	5	Aquatic Life - Impaired Aquatic Community (Unknown)	Aquatic Community Assessment completed
LO1-30312	North Branch Timber Creek		NA		NA		NA	NA	3		
LO1-30320	Clear Creek		NA		NA		NA	NA	3		
LO1-30400	Cedar River	I	S		S		S	I	5	Recreation (<i>E. coli</i>)	Aquatic Community Assessment completed

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
LO1-30500	Cedar River		S		NA		S	S	2		Aquatic Community Assessment completed
LO1-30510	Dry Cedar Creek		NA		NA		NA	NA	3		
LO1-30600	Cedar River		NA		NA		NA	NA	3		
LO1-30610	Little Cedar Creek		NA		NA		NA	NA	3		
LO1-30620	Big Cedar Creek		NA		NA		NA	NA	3		
LO1-30700	Spring Creek		S		S		S	S	1		
LO1-30710	West Branch Spring Creek		NA		NA		NA	NA	3		
LO1-30800	Spring Creek		NA		NA		NA	NA	3		
LO2-10000	North Loup River	I	S		S		S	I	5	Recreation (<i>E. coli</i>)	E. coli TMDL approved 1/06, Aquatic Community Assessment completed, Fish Consumption Assessment completed
LO2-10100	Auger Creek		NA		NA		NA	NA	3		
LO2-10200	Munson Creek		I		S		S	I	5	Aquatic Life - Impaired Aquatic Community (Unknown)	Aquatic Community Assessment completed
LO2-10300	Davis Creek		S		S		S	S	1		Aquatic Community Assessment completed
LO2-10400	Mira Creek		S		S		S	S	1		Aquatic Community Assessment completed

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
LO2-10410	South Branch Mira Creek		S		S		S	S	1		
LO2-10420	North Branch Mira Creek		S		NA		S	S	2		Aquatic Community Assessment completed
LO2-10500	Messenger Creek		NA		NA		NA	NA	3		
LO2-10600	Spring Creek		S		NA		S	S	2		Aquatic Community Assessment completed
LO2-10700	Elm Creek		NA		NA		NA	NA	3		
LO2-10800	Unnamed Creek		NA		NA		NA	NA	3		
LO2-10900	Dane Creek		I		S		S	I	5	Aquatic Life - Impaired Aquatic Community (Unknown), (May-June Atrazine)	Aquatic community assessment completed
LO2-11000	Haskell Creek		NA		NA		NA	NA	3		
LO2-11100	Turtle Creek		S		NA		S	S	2		Aquatic Community Assessment completed
LO2-11200	Bean Creek		NA		NA		NA	NA	3		
LO2-11300	Calamus River	I	S		S		S	I	5	Recreation (<i>E. coli</i>)	
LO2-11310	Gracie Creek		NA		NA		NA	NA	3		
LO2-11320	Bloody Creek		NA		NA		NA	NA	3		
LO2-11330	Skull Creek		NA		NA		NA	NA	3		

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
LO2-11400	Calamus River	I	S		S		S	I	4a	Recreation (<i>E. coli</i>)	E. coli TMDL approved 1/06
LO2-11500	Calamus River	I	S		S		S	I	5	Recreation (<i>E. coli</i>)	
LO2-11600	Calamus River		S		S		S	S	1		Aquatic Community Assessment completed
LO2-20000	North Loup River	I	I		S		S	I	5	Recreation (<i>E. coli</i>), Aquatic Life - Temperature (Unknown)	Fish Consumption Assessment completed, Aquatic community assessment completed
LO2-20100	Goose Creek	S	I		S		S	I	5	Aquatic Life - Temperature (Unknown)	Aquatic Community Assessment completed
LO2-20200	Goose Creek		I		NA		S	I	5	Aquatic Life - Impaired Aquatic Community (Unknown)	Aquatic community assessment completed
LO2-30000	North Loup River	I	I		S		S	I	5	Recreation (<i>E. coli</i>), Aquatic Life - Temperature (Unknown)	E. coli TMDL approved 1/06
LO2-30100	Pass Creek		NA		NA		NA	NA	3		
LO2-40000	North Loup River	S	I		S		S	I	5	Aquatic Life - Temperature (Unknown)	E. coli TMDL approved 1/06, Aquatic Community Assessment completed, results were inconclusive - site will be reassessed†
LO2-40100	Brush Creek		NA		NA		NA	NA	3		
LO2-40200	Big Creek		S		NA		NA	S	2		Aquatic Community Assessment completed
LO2-50000	North Loup River		NA		NA		NA	NA	3		
LO2-60000	North Loup River		S		NA		S	S	2		Aquatic Community Assessment completed

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
LO2-70000	North Loup River		S		NA		S	S	2		Aquatic Community Assessment completed
LO2-70100	Mud Creek		NA		NA		NA	NA	3		
LO3-10000	Middle Loup River	I	S		S		S	I	4a	Recreation (<i>E. coli</i>)	E. coli TMDL approved 1/06, Fish Consumption Assessment completed
LO3-10100	Lake Creek		NA		NA		NA	NA	3		
LO3-10200	Turkey Creek		I		S		S	S	5	Aquatic Life (May-June Atrazine)	Aquatic Community Assessment completed
LO3-10300	Oak Creek		S		S		S	S	1		
LO3-10400	Oak Creek	I	S		S		S	S	2	Recreation (<i>E. coli</i>)	Aquatic Community Assessment completed
LO3-20000	Middle Loup River	S	S		S		S	S	1		
LO3-30000	Middle Loup River	S	S		S		S	S	1		Fish Consumption Assessment completed, Aquatic community assessment completed
LO3-40000	Middle Loup River	S	S		S		S	S	1		Fish Consumption Assessment completed, Aquatic Community Assessment completed
LO3-40100	Unnamed Creek		NA		NA		NA	NA	3		
LO3-40200	Wagner Creek		NA		NA		NA	NA	3		

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
LO3-40300	Lillian Creek		NA		NA		NA	NA	3		
LO3-40400	Victoria Creek		NA		NA		S	S	2		Aquatic Community Assessment completed, results were inconclusive - site will be reassessed†
LO3-50000	Middle Loup River	S	S		S		S	S	1		Aquatic Community Assessment completed
LO3-50100	Dismal River	S	I		S		S	I	5	Aquatic Life - Temperature (Unknown)	Fish Consumption Assessment completed
LO3-50200	Dismal River	I	S		S		S	I	5	Recreation (<i>E. coli</i>)	Aquatic Community Assessment completed
LO3-50300	Dismal River	I	S		S		S	I	4a	Recreation (<i>E. coli</i>)	<i>E. coli</i> TMDL approved 1/06
LO3-50310	South Fork Dismal River	I	S		S		NA	I	5	Recreation (<i>E. coli</i>)	
LO3-50320	South Fork Dismal River		NA		NA		NA	NA	3		
LO3-50330	North Fork Dismal River	I	S		S		S	I	5	Recreation (<i>E. coli</i>)	Aquatic Community Assessment completed
LO3-50340	North Fork Dismal River		NA		NA		NA	NA	3		
LO3-60000	Middle Loup River	I	I		S		S	I	5	Recreation (<i>E. coli</i>), Aquatic Life - Temperature (Unknown)	Aquatic Community Assessment completed
LO3-70000	Middle Loup River	I	S		S		S	I	5	Recreation (<i>E. coli</i>)	Aquatic community assessment completed
LO3-70100	South Branch Middle Loup River		S		S		NA	S	2		
LO3-70200	North Branch Middle Loup River		S		NA		S	S	2		Aquatic Community Assessment completed

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
LO3-70210	Middle Branch Middle Loup River		S		S		S	S	1		Aquatic Community Assessment completed
LO3-70300	North Branch Middle Loup River		S		S		NA	S	2		
LO4-10000	South Loup River	I	S		S		S	I	5	Recreation (<i>E. coli</i>)	E. coli TMDL approved 1/06, Aquatic Community Assessment completed, Fish Consumption Assessment completed, E. coli Impairment being addressed in the South Loup WMP beginning 9/17
LO4-10100	Mud Creek	I	I		S		S	I	5	Recreation (<i>E. coli</i>), Aquatic Life - Impaired Aquatic Community (Unknown), (May-June Atrazine)	Aquatic Community Assessment completed, E. coli & Atrazine TMDLs approved 5/12
LO4-10110	Spring Branch		NA		NA		NA	NA	3		
LO4-10120	Clear Creek		NA		NA		NA	NA	3		
LO4-10200	Mud Creek	I	I		S		S	I	5	Recreation (<i>E. coli</i>), Aquatic Life - Impaired Aquatic Community (Unknown)	E. coli TMDL approved 5/12, Aquatic Community Assessment completed
LO4-10210	Dutchman Valley		NA		NA		NA	NA	3		
LO4-20000	South Loup River	I	S		S		S	I	4a	Recreation (<i>E. coli</i>)	E. coli TMDL approved 1/06, Aquatic community, Fish Consumption Assessment completed, E. coli Impairment being addressed in the South Loup WMP beginning 9/17
LO4-20100	Spring Creek		NA		NA		NA	NA	3		

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
LO4-30000	South Loup River	I	S		S		S	I	5-alt	Recreation (<i>E. coli</i>)	Aquatic Community Assessment completed, <i>E. coli</i> Impairment being addressed in the South Loup WMP beginning 9/17
LO4-30100	Sand Creek		NA		NA		NA	NA	3		
LO4-30200	Unnamed Creek		NA		NA		NA	NA	3		
LO4-40000	South Loup River	I	S		S		S	I	5-alt	Recreation (<i>E. coli</i>)	Aquatic Community Assessment completed, <i>E. coli</i> Impairment being addressed in the South Loup WMP beginning 9/17
LO4-40100	North Fork South Loup River		NA		NA		NA	NA	3		
LO4-50000	South Loup River		S		S		NA	S	2		

***Cancer risk compounds** -Aroclor-1248 (PCB-1248), Aroclor-1254 (PCB-1254), Aroclor-1260 (PCB-1260), cis-chlordane, Chlordane, trans-chlordane, DDD, DDE, DDT, Dieldrin, Heptachlor, Heptachlor Epoxide, Hexachlorobenzene, cis-nonachlor, trans-nonachlor, Oxychlordane, Pentachloroanisole, Trifluralin

***Hazard index compounds**- Aroclor-1254 (PCB-1254), Lindane (g-BHC), cis-chlordane, Chlordane, trans-chlordane, DDT, Dieldrin, Heptachlor, Heptachlor Epoxide, Hexachlorobenzene, cis-nonachlor, trans-nonachlor, Oxychlordane, Pentachloroanisole, Trifluralin, Mercury, Cadmium, Selenium

† See Appendix B: Ecological Justification for Excluding Specific Bio-Indicator Results When Determining Attainment Status of the Aquatic Life Beneficial Use for Nebraska’s 2014 Water Quality Integrated Report

¹ XXX# designates in Title 117 an undesignated waterbody. See Title 117 Chapter 2.004.

Literature Cited:

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McCarragher, D. B. 1977. Nebraska’s Sandhills Lakes. Nebraska Game and Parks Commission. Lincoln, NE.

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
Lakes											
LP1-L0010	Louisville Lake No. 1 (SRA)	S	S		NA		NA	S	2		Fish Consumption Assessment completed
LP1-L0020	Louisville Lake No. 1A (SRA)	NA	S		NA		NA	S	2		
LP1-L0030	Louisville Lake No. 2 (SRA)	S	S		NA		S	S	2		Fish Consumption Assessment completed
LP1-L0040	Louisville Lake No. 3 (SRA)	S	NA		NA		NA	S	2		
LP1-L0050	Louisville Lake No. 2A (SRA)	S	NA		NA		NA	S	2		
LP1-L0060	Jenny Newman Lake (Platte River State Park)	NA	I		NA		NA	I	5	Aquatic Life - Chlorophyll α (Total Phosphorus)	
LP1-L0070	Schramm Park Ponds (10 Ponds) (SRA)	NA	NA		NA		NA	NA	3		
LP1-L0080	Qwest Lake (Mahoney State Park)	S	NA		NA		NA	S	2		Name changed from U.S. West Lake to Qwest Lake in 2012
LP1-L0090	Baright Lake (Mahoney State Park)	S	NA		NA		NA	S	2		Name changed from Owen Marina Lake to Baright Lake in 2012
LP1-L0100	Two Rivers Lake No. 5 (SRA)	S	S		NA		NA	S	2		Fish Consumption Assessment completed
LP1-L0110	Two Rivers Carp Lake (SRA)	NA	NA		NA		NA	NA	3		
LP1-L0120	Two Rivers Lake No. 6 (SRA)	S	NA		NA		NA	S	2		

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
LP1-L0130	Two Rivers Lake No. 1 and 2 (SRA)	S	I		NA		NA	I	5	Aquatic Life - Fish Consumption Advisory (Mercury)	Fish Consumption Assessment completed
LP1-L0140	Two Rivers Lake No. 3 (SRA)	S	NA		NA		NA	S	2		
LP1-L0150	Two Rivers Lake No. 4 (SRA)	S	NA		NA		S	S	2		
LP1-L0160	Fremont Lake No. 14 (SRA)	NA	NA		NA		NA	NA	3		
LP1-L0170	Fremont Lake No. 13 (SRA)	NA	NA		NA		NA	NA	3		
LP1-L0180	Fremont Lake No. 12 (SRA)	S	I		S		S	I	5	Aquatic Life - Chlorophyll α (Total Nitrogen, Total Phosphorus)	Fish Consumption Assessment completed
LP1-L0190	Fremont Lake No. 19 (SRA)	NA	NA		NA		NA	NA	3		
LP1-L0200	Fremont Lake No. 15 (Victory) (SRA)	S	I		S		S	I	5	Aquatic Life - Chlorophyll α (Total Nitrogen, Total Phosphorus)	Fish Consumption Assessment completed
LP1-L0210	Fremont Lake No. 11 (SRA)	NA	I		NA		NA	I	5	Aquatic Life - Fish Consumption Advisory (Mercury)	Fish Consumption Assessment completed
LP1-L0220	Fremont Lake No. 18E (SRA)	S	I		S		S	I	5	Aquatic Life - Chlorophyll α (Total Nitrogen, Total Phosphorus)	
LP1-L0230	Fremont Lake No. 17 (SRA)	S	I		S		S	I	5	Aquatic Life - Chlorophyll α , pH (Total Nitrogen, Total Phosphorus)	Phosphorus TMDL to address Total Phosphorus, Chlorophyll α & pH approved 1/13
LP1-L0240	Fremont Lake No. 10 (SRA)	S	I		S		S	I	5	Aquatic Life - Chlorophyll α (Total Nitrogen, Total Phosphorus)	Fish Consumption Assessment completed

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
LP1-L0250	Fremont Lake No. 20 (SRA)	S	I		S		S	I	5	Aquatic Life - Fish Consumption Advisory (Mercury), Chlorophyll α (Total Nitrogen, Total Phosphorus)	Phosphorous TMDL to address Algal Toxins approved 9/07, Fish Consumption Assessment completed
LP1-L0270	Fremont Lake No. 16 (SRA)	S	I		S		S	I	5	Aquatic Life - Chlorophyll α , pH (Total Nitrogen, Total Phosphorus)	Phosphorus TMDL to address Chlorophyll α & pH approved 1/13
LP1-L0280	Fremont Lake No. 9 (SRA)	S	I		S		S	I	5	Aquatic Life - Chlorophyll α (Total Nitrogen, Total Phosphorus)	
LP1-L0290	Fremont Lake No. 1 (SRA)	S	I		S		S	I	5	Aquatic Life - Fish Consumption Advisory (Mercury), Chlorophyll α , pH (Total Nitrogen, Total Phosphorus)	Phosphorous TMDL to address Total Phosphorous, Chlorophyll α , Dissolved Oxygen and pH approved 1/13, Fish Consumption Assessment completed
LP1-L0300	Fremont Lake No. 2 (SRA)	S	I		S		S	I	5	Aquatic Life - Chlorophyll α , pH (Total Nitrogen, Total Phosphorus)	Phosphorous TMDL to address Total Phosphorous & Chlorophyll α approved 1/13, Fish Consumption Assessment completed
LP1-L0310	Fremont Lake No. 3 (SRA)	S	I		S		S	I	5	Aquatic Life - Chlorophyll α , Dissolved Oxygen (Total Nitrogen, Total Phosphorus)	Phosphorus TMDL to address Total Phosphorus, Chlorophyll α , & Dissolved Oxygen approved 1/13
LP1-L0315	Fremont Lake No. 3A (SRA)	NA	NA		NA		NA	NA	3		
LP1-L0320	Fremont Lake No. 5 (SRA)	S	I		S		S	I	5	Aquatic Life - Chlorophyll α , pH (Total Nitrogen, Total Phosphorus)	Phosphorus TMDL to address Total Phosphorus, Chlorophyll α , pH, & Dissolved Oxygen approved 1/13
LP1-L0330	Fremont Lake No. 4 (SRA)	S	I		S		S	I	5	Aquatic Life - Chlorophyll α , pH (Total Nitrogen, Total Phosphorus)	Phosphorus TMDL to address Total Phosphorus, Chlorophyll α & pH approved 1/13
LP1-L0340	Fremont Lake No. 6 (SRA)	NA	NA		NA		NA	NA	3		

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
LP1-L0350	Fremont Lake No. 7 and 8 (SRA)	S	I		S		S	I	5	Aquatic Life - Chlorophyll α , pH (Total Nitrogen, Total Phosphorus)	Phosphorus TMDL to address Total Phosphorus, Chlorophyll α & pH approved 1/13
LP1-L0355	Homestead Lake	S	I		NA		NA	I	5	Aquatic Life - Fish Consumption Advisory (Mercury), Chlorophyll α (Total Nitrogen, Total Phosphorus)	Fish Consumption Assessment completed
LP1-L0360	Schuyler East Park Pond	NA	NA		NA		NA	NA	3		
LP1-L0370	Schuyler City Lake (South Park Lake)	NA	NA		NA		I	I	4r	Aesthetics - Algae Blooms (Unknown)	TN and TP not assessed, Lake renovated in 2006 and will be targeted for reassessment
LP1-L0380	Camp Luther Pond	NA	NA		NA		NA	NA	3		
LP1-L0390	McAllister Lake	NA	NA		NA		NA	NA	3		
LP1-L0400	Christopher Cove Lake	NA	NA		NA		NA	NA	3		
LP1-L0410	Country Club Shores Lake	NA	NA		NA		NA	NA	3		
LP1-L0420	Columbus Country Club Lake	NA	NA		NA		NA	NA	3		
LP1-L0430	Oconee Siphon Pond	NA	NA		NA		NA	NA	3		
LP1-L0440	Lake North	S	I		S	S	S	I	5	Aquatic Life - Chlorophyll α , pH (Total Phosphorus)	Fish Consumption Assessment completed

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
LP1-L0450	Lake Babcock	I	I		NA	S	S	I	5	Recreation (<i>E. coli</i>), Aquatic Life - Fish Consumption Advisory (Mercury)	Fish Consumption Assessment completed
LP2-L0010	Memphis Lake (SRA)	S	I		S		NA	I	5	Aquatic Life - Fish Consumption Advisory (Mercury)	Fish Consumption Assessment completed
LP2-L0015	Lake Wanahoo	NA	I		NA		S	I	5	Aquatic Life - Fish Consumption Advisory (Mercury), Chlorophyll α (Total Nitrogen, Total Phosphorus)	New lake built in 2012, Fish Consumption Assessment completed
LP2-L0020	Hedgefield Lake (WMA)	NA	I		NA		NA	I	5	Aquatic Life - Fish Consumption Advisory (Mercury), pH	Fish Consumption Assessment completed
LP2-L0030	Wagon Train Lake	S	I		S		S	I	5	Aquatic Life - Chlorophyll α (Total Nitrogen, Total Phosphorus)	Phosphorous TMDL to address Total Phosphorous & Dissolved Oxygen and Sediment TMDLs approved 10/02, Lake Renovated 2001, Fish Consumption Assessment completed
LP2-L0040	Holmes Lake	I	I		S		S	I	5	Recreation (<i>E. coli</i>), Aquatic Life - Fish Consumption Advisory (Mercury), Chlorophyll α , pH (Total Nitrogen, Total Phosphorus)	Phosphorous TMDL to address Total Phosphorous & Dissolved Oxygen and Sediment TMDLs approved 7/03, Lake renovated 2005, Fish Consumption Assessment completed
LP2-L0050	Stagecoach Lake	S	I		S		I	I	5	Aquatic Life - Chlorophyll α (Total Nitrogen, Total Phosphorus), Aesthetics (Sediment)	Fish Consumption Assessment completed
LP2-L0060	Oak Lake	NA	I		NA		S	I	5	Aquatic Life - Dissolved Oxygen (Unknown), (Natural Chlorides)	TN and TP not assessed, Salinity is natural. Fish Consumption Assessment completed
LP2-L0065	Regional Center Pond	NA	NA		NA		NA	NA	3		

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
LP2-L0070	Cottontail Lake (17A)	S	I		NA		NA	I	5	Aquatic Life - Fish Consumption Advisory (Mercury)	Fish Consumption Assessment completed
LP2-L0080	Killdeer Lake (WMA)	NA	S		NA		NA	S	2		Fish Consumption Assessment completed
LP2-L0090	Yankee Hill Lake	S	I		S		S	I	5	Aquatic Life - Fish Tissue Advisory (Mercury), Chlorophyll α , pH (Total Nitrogen, Total Phosphorus)	Phosphorus TMDL to address Total Phosphorus and Sediment TMDLs approved 9/02, Lake Renovated in 2006 and reassessed in 2015-16, Fish Consumption Assessment completed
LP2-L0100	Bowling Lake	NA	I		NA		S	I	5	Aquatic Life - Fish Tissue Advisory (Mercury), Chlorophyll α , pH (Total Nitrogen, Total Phosphorus)	Lake Renovated in 2006 and will be targeted for reassessment in 2021, Fish Consumption Assessment completed
LP2-L0110	Bluestem Lake	I	I		S		I	I	5	Recreation (<i>E. coli</i>), Aquatic Life - Chlorophyll α (Total Nitrogen, Total Phosphorus), Aesthetics (Sediment)	Fish Consumption Assessment completed
LP2-L0120	Wildwood Lake	S	I		S		S	I	5	Aquatic Life - Fish Consumption Advisory (Mercury), Chlorophyll α , Dissolved Oxygen (Total Nitrogen, Total Phosphorus)	Lake Renovated 2004, Fish Consumption Assessment completed
LP2-L0130	Conestoga Lake	S	I		S		I	I	5	Aquatic Life - Chlorophyll α (Total Nitrogen, Total Phosphorus), Aesthetics (Sediment)	Fish Consumption Assessment completed, Lake drained for a renovation as of 2018
LP2-L0140	Olive Creek Lake	S	I		S		S	I	5	Aquatic Life - Fish Consumption Advisory (Mercury), Chlorophyll α , pH, Dissolved Oxygen (Total Nitrogen, Total Phosphorus)	Fish Consumption Assessment completed

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
LP2-L0150	Branched Oak Lake	I	I		S		S	I	5	Recreation (<i>E. coli</i>), Aquatic Life - Chlorophyll α (Total Nitrogen, Total Phosphorus)	Fish Consumption Assessment completed
LP2-L0160	Pawnee Lake	S	I		S		I	I	5	Aquatic Life - Fish Tissue Advisory (Mercury), Chlorophyll α (Total Nitrogen, Total Phosphorus), Aesthetics (Sediment)	Sediment TMDL approved 3/01, Fish Consumption Assessment completed
LP2-L0170	Merganser Lake (25A)	NA	I		NA		NA	I	5	Aquatic Life - Fish Consumption Advisory (Mercury)	Fish Consumption Assessment completed
LP2-L0180	Teal Lake (27C)	NA	NA		NA		NA	NA	3		
LP2-L0190	Red Cedar Lake	S	I		NA		NA	I	5	Aquatic Life - Fish Consumption Advisory (Mercury)	Fish Consumption Assessment completed
LP2-L0200	Wild Plum Lake (26A)	S	I		NA		NA	I	5	Aquatic Life - Fish Consumption Advisory (Mercury)	Fish Consumption Assessment completed
LP2-L0210	Tanglewood Lake (27C)	NA	NA		NA		NA	NA	3		
LP2-L0220	Meadowlark Lake	S	I		S		S	I	5	Aquatic Life - Fish Consumption Advisory (Mercury), Chlorophyll α (Total Nitrogen, Total Phosphorus)	Lake renovated 2006, Fish Consumption Assessment completed
LP2-L0230	Twin Lakes WMA Pond	NA	NA		NA		NA	NA	3		
LP2-L0240	East Twin Lake	S	I		S		S	I	5	Aquatic Life - Chlorophyll α (Total Nitrogen, Total Phosphorus)	Fish Consumption Assessment completed
LP2-L0250	Timber Point Lake (6C)	S	I		NA		NA	I	5	Aquatic Life - Fish Consumption Advisory (Mercury)	Fish Consumption Assessment completed
LP2-L0260	West Twin Lake	NA	I		S		S	I	5	Aquatic Life - Chlorophyll α (Total Nitrogen, Total Phosphorus),	

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
										(Ammonia)	
LP2-L0270	Czechland Lake	NA	I		S		S	I	5	Aquatic Life - Fish Consumption Advisory (Mercury), Chlorophyll α , pH (Total Nitrogen, Total Phosphorus)	Fish Consumption Assessment completed
LP2-L0280	Redtail Lake	NA	I		NA		NA	I	5	Aquatic Life - Fish Consumption Advisory (Mercury), Chlorophyll α (Total Phosphorus)	Fish Consumption Assessment completed
Streams											
LP1-10000	Platte River	I	I	I	S		S	I	5	Recreation (<i>E. coli</i>), Aquatic Life - Fish Consumption Advisory (Hazard Index Compounds*) Public Drinking Water Supply (Arsenic)	<i>E. coli</i> TMDL approved 9/07, Fish Consumption Assessment completed
LP1-10100	Fourmile Creek		S		S		S	S	1		Aquatic Community Assessment completed
LP1-10110	Eightmile Creek		S		NA		S	S	2		Aquatic Community Assessment completed
LP1-10111	Bachelor Branch		NA		NA		NA	NA	3		
LP1-10200	Fourmile Creek		S		NA		S	S	2		Aquatic Community Assessment completed
LP1-10210	Unnamed Creek		NA		NA		NA	NA	3		
LP1-10300	Fourmile Creek		NA		NA		NA	NA	3		
LP1-10400	Zwiebel Creek		NA		NA		NA	NA	3		

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
LP1-10410	Unnamed Creek		NA		NA		NA	NA	3		
LP1-10500	Zwiebel Creek		NA		NA		NA	NA	3		
LP1-10600	Turkey Creek		NA		NA		NA	NA	3		
LP1-10700	Cedar Creek		NA		NA		NA	NA	3		
LP1-10710	Unnamed Creek		NA		NA		NA	NA	3		
LP1-10800	Cedar Creek		NA		NA		NA	NA	3		
LP1-10900	Springfield Creek		S		S		NA	S	2		
LP1-11000	Buffalo Creek		S		S		NA	S	2		
LP1-11100	Mill Creek		NA		NA		NA	NA	3		
LP1-11200	Decker Creek	I	S		S		S	I	5	Recreation (<i>E. coli</i>)	Aquatic Community Assessment completed
LP1-11300	Fountain Creek		S		S		NA	S	2		
LP1-11400	Unnamed Creek		NA		NA		NA	NA	3		
LP1-11500	Pawnee Creek		S		NA		S	S	2		Aquatic Community Assessment completed

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
LP1-11510	West Branch Pawnee Creek		NA		NA		NA	NA	3		
LP1-11600	Pawnee Creek		S		NA		S	S	2		Aquatic Community Assessment completed
LP1-11700	Western Sarpy Ditch		S		NA		S	S	2		Aquatic Community Assessment completed
LP1-20000	Platte River	I	S	I	S		S	S	5	Recreation (<i>E. coli</i>), Public Drinking Water Supply (Arsenic)	E. coli TMDL approved 9/07, Fish Consumption Assessment completed
LP1-20100	Clear Creek		NA		NA		NA	NA	3		
LP1-20110	Upper Clear Creek		NA		NA		NA	NA	3		
LP1-20200	Clear Creek		NA		NA		NA	NA	3		
LP1-20300	Otoe Creek		NA		NA		NA	NA	3		
LP1-20400	Skull Creek		S		S		S	S	1		Aquatic Community Assessment completed
LP1-20410	Unnamed Creek		NA		NA		NA	NA	3		
LP1-20500	Skull Creek		NA		NA		NA	NA	3		
LP1-20600	Shell Creek	I	S		S		S	I	5	Recreation (<i>E. coli</i>)	
LP1-20610	Taylor Creek		NA		NA		NA	NA	3		

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
LP1-20620	Loseke Creek		S		S		NA	S	2		Fish Consumption Assessment completed
LP1-20621	Schaad Creek		NA		NA		NA	NA	3		
LP1-20621.1	Unnamed Creek		NA		NA		NA	NA	3		
LP1-20630	Loseke Creek		S		NA		S	S	2		Aquatic Community Assessment completed
LP1-20631	Unnamed Creek		NA		NA		NA	NA	3		
LP1-20640	Loseke Creek		S		NA		S	S	2		Aquatic Community Assessment completed
LP1-20700	Shell Creek		S		S		S	S	1		Atrazine TMDL approved 9/07
LP1-20710	Unnamed Creek		NA		NA		NA	NA	3		
LP1-20720	Elm Creek		S		NA		S	S	2		Aquatic Community Assessment completed
LP1-20800	Shell Creek		I		S		S	I	5	Aquatic Life - Impaired Aquatic Community (Unknown)	Aquatic Community Assessment completed
LP1-20810	North Shell Creek		NA		NA		NA	NA	3		
LP1-20900	Shell Creek		NA		NA		NA	NA	3		
LP1-21000	Lost Creek		S		S		NA	S	2		

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
LP1-21010	Shonka Ditch		S		NA		NA	S	2		
LP1-21100	Lost Creek		S		NA		S	S	2		Aquatic Community Assessment completed
LP1-21200	Lost Creek		NA		NA		NA	NA	3		
LP1-21300	Bone Creek		S		S		NA	S	2		
LP1-21310	Unnamed Creek		NA		NA		NA	NA	3		
LP1-21400	Bone Creek		S		NA		S	S	2		Aquatic Community Assessment completed
LP1-21500	Unnamed Creek		NA		NA		NA	NA	3		
LP1-21600	Deer Creek		NA		NA		NA	NA	3		
LP1-21700	Unnamed Creek		NA		NA		NA	NA	3		
LP1-21800	Loup River Canal	S	S		NA	S	S	S	2		Fish Consumption Assessment completed
LP2-10000	Salt Creek	I	S				S	I	4a	Recreation (<i>E. coli</i>)	<i>E. coli</i> TMDL approved 9/07, Fish Consumption Assessment completed
LP2-10100	Wahoo Creek	I	S		S		S	I	4a	Recreation (<i>E. coli</i>)	<i>E. coli</i> TMDL approved 9/07, Aquatic Community & Fish Consumption Assessment completed
LP2-10110	Clear Creek	I	S		S		S	I	5	Recreation (<i>E. coli</i>)	Aquatic Community Assessment completed

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
LP2-10111	Silver Creek		S		S		NA	S	2		
LP2-10120	Clear Creek		I		S		NA	I	5	Aquatic Life (Ammonia)	
LP2-10121	Johnson Creek		I		NA		NA	I	5	Aquatic Life - Impaired Aquatic Community (Unknown), (May-June Atrazine)	Aquatic Community Assessment completed
LP2-10130	Clear Creek		S		S		NA	S	2		
LP2-10140	Silver Creek		I		S		S	I	5	Aquatic Life - Impaired Aquatic Community (Unknown)	Aquatic Community Assessment completed
LP2-10150	Mosquito Creek		S		S		NA	S	2		
LP2-10160	Sand Creek		I		S		S	I	5	Aquatic Life (May-June Atrazine)	Aquatic Community Assessment completed
LP2-10161	Duck Creek		S		S		S	S	1		Aquatic Community Assessment completed
LP2-10170	Sand Creek		S		S		S	S	1		Aquatic Community Assessment completed
LP2-10171	Spring Creek		NA		NA		NA	NA	3		
LP2-10180	Sand Creek		S		NA		S	S	2		Aquatic Community Assessment completed
LP2-10200	Wahoo Creek		S		S		NA	S	2		
LP2-10210	Cottonwood Creek		I		S		NA	I	5	Aquatic Life - Impaired Aquatic Community (Unknown)	Aquatic Community Assessment completed

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
LP2-10211	Unnamed Creek		S		NA		S	S	2		Aquatic Community Assessment completed
LP2-10220	Miller Branch		S		S		S	S	1		Aquatic Community Assessment completed
LP2-10230	North Fork Wahoo Creek		S		S		NA	S	2		
LP2-10231	Unnamed Creek		S		NA		S	S	2		Aquatic Community Assessment completed
LP2-10240	North Fork Wahoo Creek		NA		NA		NA	NA	3		
LP2-10300	Wahoo Creek		S		S		NA	S	2		
LP2-10310	Dunlap Creek		NA		NA		NA	NA	3		
LP2-10400	Wahoo Creek		S		NA		S	S	2		Aquatic Community Assessment completed
LP2-10500	Callahan Creek		I		NA		NA	I	4c	Aquatic Life - Iron (Naturally Elevated)	
LP2-10600	Robinson Creek		I		NA		NA	I	4c	Aquatic Life - Iron (Naturally Elevated)	
LP2-10700	Greenwood Creek		I		NA		NA	I	4c	Aquatic Life - Iron (Naturally Elevated)	
LP2-10800	Dee Creek		I		NA		S	I	4c	Aquatic Life - Iron (Naturally Elevated)	Aquatic Community Assessment completed
LP2-10900	Camp Creek		I		NA		S	I	4c	Aquatic Life - Iron (Naturally Elevated)	Aquatic Community Assessment completed

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
LP2-11000	Rock Creek		I		S		S	I	4c	Aquatic Life - Iron (Naturally Elevated)	Fish Consumption Assessment completed, Aquatic Community Assessment completed
LP2-11010	North Fork Rock Creek		I		NA		S	I	4c	Aquatic Life - Iron (Naturally Elevated)	Aquatic Community Assessment completed
LP2-11100	Rock Creek		S		NA		S	S	2		Aquatic Community Assessment completed
LP2-11110	Ash Hollow Creek		NA		NA		NA	NA	3		
LP2-11120	Little Rock Creek		NA		NA		NA	NA	3		
LP2-11200	Rock Creek		NA		NA		NA	NA	3		
LP2-20000	Salt Creek	I	I				S	I	5	Recreation (E. coli), Aquatic Life (Aluminum)	E. coli TMDL approved 9/07, Aquatic Community Assessment completed, Fish Consumption Assessment completed
LP2-20100	Jordan Creek		NA		NA		NA	NA	3		
LP2-20200	Stevens Creek		S		S		NA	S	2		
LP2-20300	Little Salt Creek		I				S	I	5	Aquatic Life - Impaired Aquatic Community (Unknown), (Copper, Ammonia)	Aquatic Community Assessment completed
LP2-20400	Dead Man's Run	I	I		S		S	I	5	Recreation (E. coli), Aquatic Life - Dissolved Oxygen (Unknown), pH	E. coli TMDL approved 9/07
LP2-20500	Oak Creek	I	I				S	I	5	Recreation (E. coli), Aquatic Life - Fish Consumption Advisory (Mercury), (Chloride)	E. coli TMDL approved 9/07, Fish Consumption Assessment completed

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
LP2-20510	Elk Creek		S		S		NA	S	2		
LP2-20511	West Oak Creek		NA		NA		NA	NA	3		
LP2-20520	Elk Creek		NA		NA		NA	NA	3		
LP2-20600	Oak Creek	I	I		S		S	I	5	Recreation (<i>E. coli</i>), Aquatic Life - Impaired Aquatic Community (Unknown)	Aquatic Community Assessment completed
LP2-20610	North Oak Creek		S		NA		S	S	2		Aquatic Community Assessment completed
LP2-20611	Wagon Tongue Creek		NA		NA		NA	NA	3		
LP2-20612	Bates Branch		S		NA		S	S	2		Aquatic Community Assessment completed
LP2-20700	Oak Creek		S		NA		S	S	2		Aquatic Community Assessment completed
LP2-20710	Middle Oak Creek		I		S		S	I	5	Aquatic Life (May-June Atrazine)	Aquatic Community Assessment completed
LP2-20800	Oak Creek		I		S		S	I	5	Aquatic Life (May-June Atrazine)	
LP2-20900	Antelope Creek	S	I				S	I	5	Aquatic Life (Copper)	E. coli and Ammonia TMDLs approved 9/07
LP2-21000	Middle Creek		S		S		S	S	1		Aquatic Community Assessment completed
LP2-21010	South Branch Middle Creek		NA		NA		NA	NA	3		

Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
LP2-21100	Middle Creek		I		S		S	I	4a	Aquatic Life (May-June Atrazine)	Atrazine TMDL approved 9/07
LP2-21200	Haines Branch		S				NA	S	2		
LP2-21210	Holmes Creek		S		S		S	S	1		
LP2-21300	Haines Branch		NA		NA		NA	NA	3		
LP2-21310	Cheese Creek		NA		NA		NA	NA	3		
LP2-21400	Haines Branch		NA		NA		NA	NA	3		
LP2-21500	Beal Slough	I	S		S		S	I	5	Recreation (<i>E. coli</i>)	
LP2-30000	Salt Creek	I	I		S		S	I	5	Recreation (<i>E. coli</i>), Aquatic Life - Impaired Aquatic Community (Unknown)	E. coli TMDL approved 9/07, Fish Consumption Assessment completed, Aquatic Community Assessment completed
LP2-30100	Cardwell Branch	I	S		S		NA	I	5	Recreation (<i>E. coli</i>)	
LP2-30200	Hickman Branch		S		NA		S	S	2		Aquatic Community Assessment completed
LP2-40000	Salt Creek		S		S		NA	S	2		
LP2-40100	Wittstruck Creek		NA		NA		NA	NA	3		
LP2-40200	Spring Branch		NA		NA		NA	NA	3		

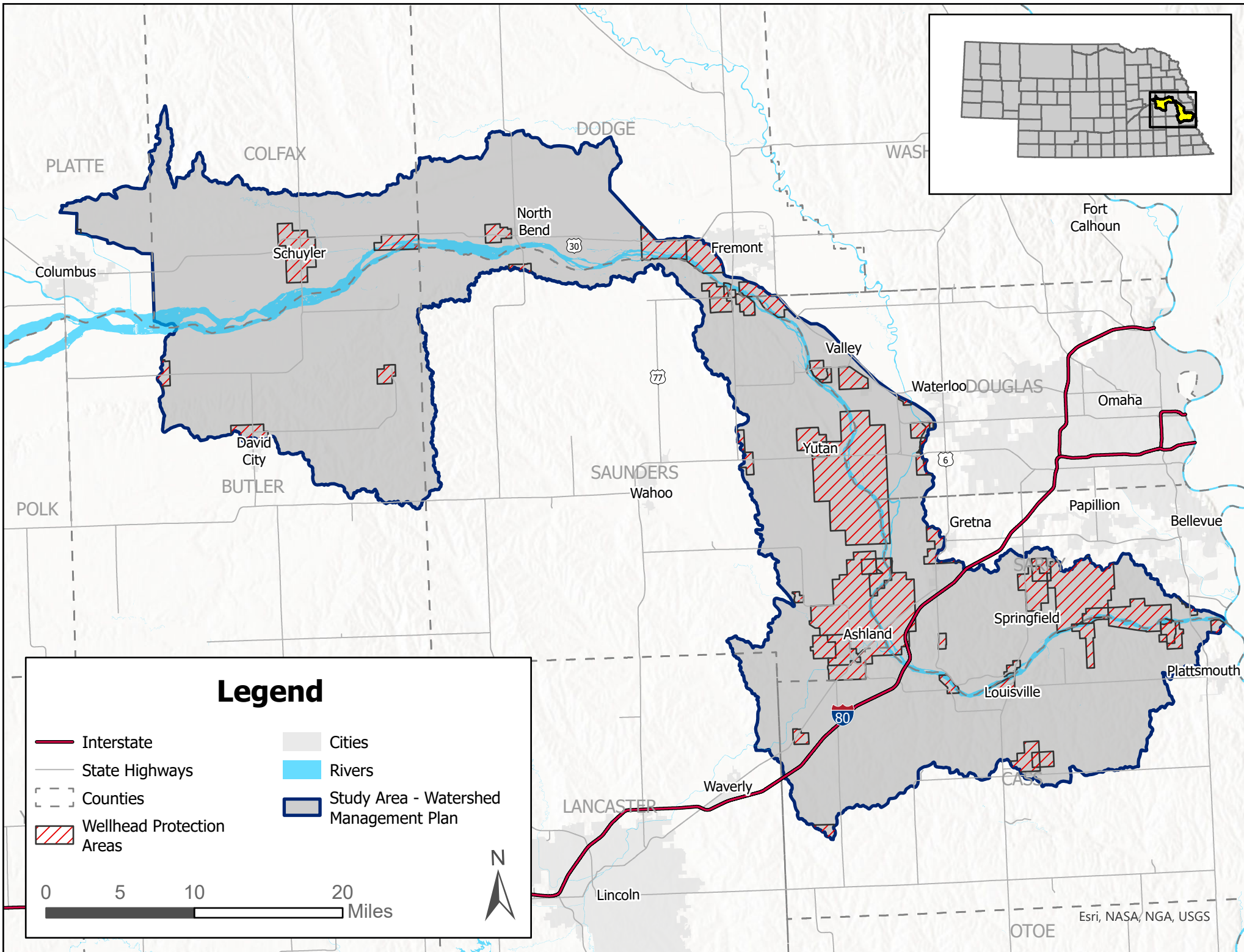
Waterbody ID	Waterbody Name	Recreation	Aquatic Life	Water Supply			Aesthetics	Overall	2022 IR	Impairments (Causes)	Comments/Actions
				Public Drinking	Agricultural	Industrial					
LP2-40300	Olive Branch		I		S		NA	I	5	Aquatic Life - Impaired Aquatic Community (Unknown)	Aquatic Community Assessment completed
LP2-40310	North Branch		S		NA		S	S	2		Aquatic Community Assessment completed

***Cancer risk compounds** -Aroclor-1248 (PCB-1248), Aroclor-1254 (PCB-1254), Aroclor-1260 (PCB-1260), cis-chlordane, Chlordane, trans-chlordane, DDD, DDE, DDT, Dieldrin, Heptachlor, Heptachlor Epoxide, Hexachlorobenzene, cis-nonachlor, trans-nonachlor, Oxychlordane, Pentachloroanisole, Trifluralin







***Hazard index compounds**- Aroclor-1254 (PCB-1254), Lindane (g-BHC), cis-chlordane, Chlordane, trans-chlordane, DDT, Dieldrin, Heptachlor, Heptachlor Epoxide, Hexachlorobenzene, cis-nonachlor, trans-nonachlor, Oxychlordane, Pentachloroanisole, Trifluralin, Mercury, Cadmium, Selenium

¹ XXX# designates in Title 117 an undesignated waterbody. See Title 117 Chapter 2.004.

ATTACHMENT 3
REVISED FIGURE 9. WELLHEAD PROTECTION
AREAS



Legend

-  Interstate
-  State Highways
-  Counties
-  Wellhead Protection Areas
-  Cities
-  Rivers
-  Study Area - Watershed Management Plan

0 5 10 20 Miles



Trend Analysis on Continuous Water Quality in the Lower Platte River

USGS Nebraska Water Science Center
Matt Moser, Brenda Densmore, and Dave Rus

In partnership with the Lower Platte River Corridor Alliance

Introduction:

With continuous water quality data being collected in cooperation with the Lower Platte River Corridor Alliance (LPRCA) over the past 15 years, datasets are now sufficient to begin looking for potential water quality trends that are occurring in the lower Platte River. These data sets can be examined using modeling techniques to account for wet and dry years or missing data and detect water quality trends or facilitate comparisons between sites to better understand how the water quality in the Lower Platte River has changed over the monitoring. This short proposal describes the type of modeling that the USGS could complete in cooperation with the LPRCA to gain more information about the water quality of the Lower Platte River as represented by this monitoring data.

The Lower Platte River Corridor Alliance has cooperated with the USGS Nebraska Water Science Center since 2007 to collect continuous water quality data at four stream locations strategically placed in the lower Platte River basin to target specific watersheds. These include:

- Platte River at Louisville has had seasonal collection of water temperature, specific conductance, dissolved oxygen, and turbidity since the fall of 2007. Beginning in 2012, continuous nitrate data were also collected seasonally.
- Elkhorn River at Waterloo has had seasonal collection of water temperature, specific conductance, dissolved oxygen, and turbidity since the fall of 2007. Beginning in 2016, continuous nitrate data were also collected seasonally.
- Platte River at Leshara has had seasonal collection of water temperature, specific conductance, dissolved oxygen, turbidity, and nitrate since 2016.
- Salt Creek near Ashland has had seasonal collection of water temperature, specific conductance, dissolved oxygen, and turbidity since the fall of 2007.

The USGS has provided the Lower Platte River Corridor Alliance and the Natural Resources Districts (NRD) with bi-yearly updates on the collected data with graphs, data summaries, and observations on how these continuous water quality variables were changing from year to year. These continuous data sets have also supported other water management operations and studies in these streams by documenting current water quality conditions.

The continuous water quality monitors can provide data for trend analysis over several years, river conditions, and multiple parameters. Continuous water quality monitors provide the ability to look at short term fluctuations in the river that traditional sampling can miss, as well as data that can be collected and analyzed over a variety of flow conditions. Continuous data such as this, provide the ability to look at a more complete picture of river conditions.

To date (2023), statistical analysis of the continuous water quality data being collected has not been completed to better understand how water temperature, specific conductance, dissolved oxygen, turbidity, and nitrate are changed seasonally, during wet and dry years, and year to year over the period of data collection. Therefore, the full value of this continuous data record is not well understood.

Objectives:

The LPRCA and the USGS NEWSW are interested in completing statistical trend analysis on the continuous water quality data from the beginning of each record up to and including the 2023 monitoring season to better understand how these monitored parameters are changing over time. This project will also include an analysis of discharge trends during the same time period.

Conceptual approach:

The high-frequency data from continuous water quality monitoring provides many benefits but also provide challenges to the statistical analysis of trends because of the serial correlation (dependence upon previous data values) inherent in the measurements. Since many wide-spread, readily available continuous water quality data sets are just recently reaching length thresholds that make trend analysis practical (generally around 10 years), trend analysis using these types of data are an active research topic.

Using order statistics of daily values from continuous water quality data in Virginia streams, Porter and others (2020) were able to perform a trend analysis on high frequency data. The USGS Nebraska WSC would follow a similar method to analyze data and look for trends on data collected in Nebraska. Daily values would be utilized for data to run linear regressions on continuous water quality data in the lower Platte. This approach would look at overall trends occurring throughout the time frame and not analyze every single point.

The linear regressions would only focus on the extremes and averages observed within each selected time frame, and then compare those extremes and averages against similar time frames throughout the 15-year period where data have been collected. The USGS NEWSW would utilize previous R packages already established by the USGS and available in R to analyze the data.

Temporal changes in daily discharge statistics will be explored using methods available in the EGRET software (Hirsch and De Cicco, 2015). Daily discharge records can be used to perform Mann-Kendall trend tests, and the associated Thiel-Sen slope estimates, to create Quantile-Kendall plots (Hirsch, 2018) to evaluate discharge trends across the range of discharge values at each of the sites for a specified timeframe. These statistics will be explored as a possible method for trend analysis at the four sites in the lower Platte River. In addition to these trend analyses at each site, sites will be compared to better understand how the full system is changing over the years contributions to the system from the tributaries vs from the Central Platte.

The USGS also previously produced concentration predictions using surrogate relations in the Lower Platte River. These relations were published through a USGS Scientific Investigations Report (Schaepe et al, 2014) and were funded in part by a NET grant. These surrogate equations were developed using continuous water quality data collected from 2007 to 2011 and comparing those data to a USGS sample dataset. When these two data sets are combined, their relations were able to compute additional concentrations of analytes of concern that were occurring in the stream throughout that period. The USGS is proposing to add in data collected from 2011 to 2023 to these equations to update the data to better reflect stream concentrations

over the entire monitoring period. This will help represent the concentrations of additional constituents more accurately in the rivers. By updating these equations, better calculations would be made of real time concentrations of concern such as atrazine, *E.coli*, phosphorus, suspended sediment, and ammonia.

Potential outcome of the study:

The Lower Platte River Corridor Alliance and member NRDs have water quality management plans in place on the Platte River and its tributaries. Part of these water quality management plans are to look at impaired watersheds and water flowing into the river. The trend analysis being proposed can look at the collected continuous water quality data to help determine if long term management changes are impacting the water quality of the lower Platte River. The trends analysis will be able to account for wet vs dry years and see a clearer picture of how the water quality of the system is changing independent of discharge. Often during dry years, the amount of runoff into the channel is diminished which also decreases the quantity of contaminants and likewise during very wet years extremes in water quality are observed.

Long term changes can also possibly identify changes occurring in regard to climatic effects. The temperature in the lower Platte River can be analyzed throughout the previous 15+ years to see if any changes have occurred or are occurring.

The outcomes of this study will also provide a better understanding of how continuous water quality parameters in the Lower Platte River watersheds are changing over time since data collection started. The R scripts used to complete the data analysis will be created in a way that future years of collected data can be further analyzed through these same scripts. The statistical methods used will be described in a USGS scientific investigations report and the R script and resulting trends data will be published as a USGS data release in ScienceBase.

Study duration: 2 years

Data analysis will primarily occur during Federal Fiscal Year (FY) 2024, with report writing beginning at the same time. The final scientific investigations report and data release will be published in FY 2025.

Cost estimate:

The anticipated cost for the data analysis and report production are expected to be \$148,100. This cost will be split between the USGS and Lower Platte Corridor Alliance members electing to participate in the trend analysis. Of the total cost, the USGS will be contributing \$48,300 and the LPRCA members contributing \$99,800.

References:

Helsel, D.R., Hirsch, R.M., Ryberg, K.R., Archfield, S.A., and Gilroy, E.J., 2020, Statistical methods in water resources: U.S. Geological Survey Techniques and Methods, book 4, chap. A3, 458 p., <https://doi.org/10.3133/tm4a3>. [Supersedes USGS Techniques of Water-Resources Investigations, book 4, chap. A3, version 1.1.]

Hirsch, R.M., and De Cicco, L.A., 2015, User guide to Exploration and Graphics for RivEr Trends (EGRET) and dataRetrieval: R packages for hydrologic data (version 2.0, February 2015): U.S. Geological Survey Techniques and Methods book 4, chap. A10, 93 p., <https://dx.doi.org/10.3133/tm4A10>.

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Kendall, M.G., 1975, Rank correlation methods (4th ed.): London, Charles Griffin.

Porter, A.J., Webber, J.S., Witt, J.W., and Jastram, J.D., 2020, Spatial and temporal patterns in streamflow, water chemistry, and aquatic macroinvertebrates of selected streams in Fairfax County, Virginia, 2007–18: U.S. Geological Survey Scientific Investigations Report 2020–5061, 106 p., <https://doi.org/10.3133/sir20205061>.

Schaepe, N.J., Soenksen, P.J., and Rus, D.L., 2014, Relations of water-quality constituent concentrations to surrogate measurements in the lower Platte River corridor, Nebraska, 2007 through 2011

Sen, P.K., 1968, Estimates of the regression coefficient based on Kendall's tau: Journal of the American Statistical Association, v. 63 p. 1379–1389

Yang, G., and Moyer, D.L., 2020, Estimation of nonlinear water-quality trends in high-frequency monitoring data: The Science of the Total Environment, v. 715, p. 136686, accessed February 2020 at <https://doi.org/10.1016/j.scitotenv.2020.136686>.

For any additional questions or comments, please reach out to:

Matt Moser
Physical Scientist
USGS Nebraska Water Science Center
402-328-4184
mmoser@usgs.gov

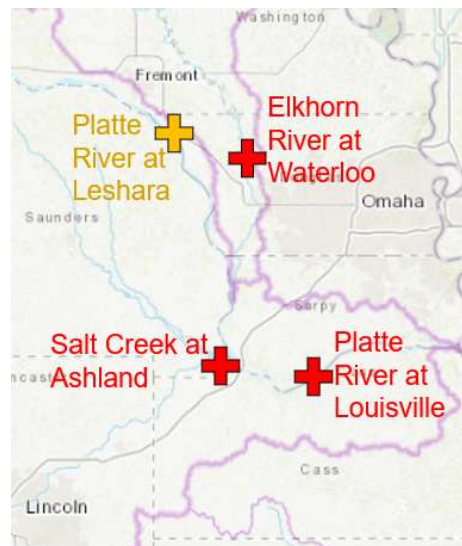
USGS – LPRCA Water Quality Gages in the Lower Platte River

The USGS Nebraska Water Science Center has been cooperating with the Lower Platte Corridor Alliance to collect continuous water quality data in the lower Platte River. Four gages have recorded continuous water-quality data seasonally since 2007. Readings of water temperature, specific conductance, dissolved oxygen, turbidity, and nitrate are taken every 15 minutes and the data are transmitted hourly to the USGS webpages. These water quality measurements provide information for a variety of goals in the Lower Platte River, some of which include:

- Monitoring in support of the Lower Platte River’s Water Quality Management Plan
- Potential to identify the water-quality impacts from management and land use changes in the contributing basin and to provide a baseline for future comparisons.
- Assessing the stream health for fisheries
- Better characterization of nitrate concentration in the drinking water source of many Nebraskans.
- Inform those who use the river for recreating of potential water quality risks.
- Development of surrogate estimates to help better quantify loads of non-monitored parameters.

This data collection effort has been funded by multiple agencies that are a part of the LPRCA. The Platte River at Leshara site is funded as a joint agreement between the USGS, Lower Platte South, Lower Platte North, Papio-Missouri, Lincoln Water System and Metropolitan Utilities District.

The remaining three sites; Louisville, Waterloo, and Salt Creek, are funded through USGS, Lower Platte South NRD, and Papio-Missouri NRDs. Data collection will continue under the current agreement through the 2024 calendar year.



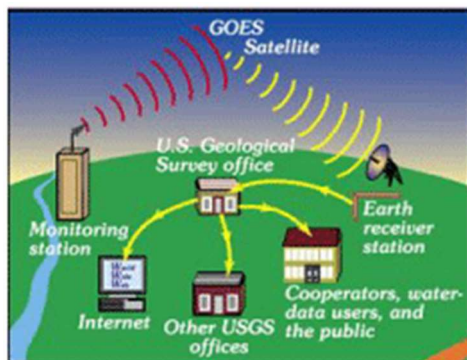
What is continuous real-time water quality?

Real-time water quality refers to in-stream water-quality measurements made available on the web in real-time. Water-quality measurements are recorded in time intervals as small as 5 minutes to hourly and are often referred to as continuous. These time-dense (continuous) stream data are made available on the Web in near real-time (available at <http://waterdata.usgs.gov/nwis>). Providing these data in real-time informs the user of stream conditions for various uses and public safety.



Real-time water quality information is made possible because of improvements in sensor and data recording technology since the first in-stream sensors were developed in the 1950-60s to directly measure or compute concentrations of many water-quality constituents. Sensors that measure water-quality properties or constituent concentrations are available for specific conductance, pH, water temperature, turbidity, dissolved oxygen, and nitrate. Sensors also are available that measure portions of the electromagnetic spectrum (light) that indicate adsorption or scatter (turbidity, chlorophyll, nitrate, and fluorescence) or sound (acoustic Doppler technology,). In-stream chemical analyzers and portable field laboratories for nitrate and phosphorus also are available. Many additional new sensors are being developed as the need for these data increase.

Increasingly, the USGS, in cooperation with other Federal, Tribal, State, and local agencies and non-governmental organizations, are using these innovative real-time monitoring approaches to collect continuous and immediate water-quality information that is then used as surrogates for many other constituents in water including, sediment, indicator bacteria and nutrients. In recent years, selected field measurements are available in real-time from more than 3,000 USGS sites available at <https://waterdata.usgs.gov/nwis>.



Continuous real-time information on water quality is a vital asset that helps safeguard lives and property and ensures adequate water resources for a healthy State economy. Increased data-collection frequency provides an improved understanding of factors affecting water quality. Continuous real-time water-quality data are needed for decisions regarding drinking water, water treatment, regulatory programs, recreation, and public safety.



Why continuous and real time?

Continuous real-time information is a vital asset that helps safeguard lives and property and ensures adequate water resources for a healthy economy. Continuous real-time water-quality data are needed for decisions regarding drinking water, water treatment, regulatory programs, recreation, and public safety. Additionally, increased data-collection frequency provides an improved understanding of factors that affect water quality.

Advances related to monitoring technology are enhancing our understanding of water-quality issues. These advancements include, for example, innovation and new water-quality sensors, monitors (multiple sensors in a single probe), data recorders, and transmission equipment. In-stream water-quality sensors provide continuous measurements (typically, every 5-60 minutes) of water-quality conditions that may vary widely over short periods of time, such as before, during, and after storms or during tidal fluctuations. When these data are available in real time, water management officials can be notified of these changes and are able to respond by altering treatment or collecting additional data. Additionally, real-time measurements for temperature, conductance, and turbidity can be statistically related to other important properties, such as indicator bacteria that are more costly and difficult to monitor and analyze. Continued development, testing, and deployment of a new generation of real-time sensors for water quality have the potential to greatly increase the level of information available.


Advantages of continuous and real-time data:

- USGS real-time water-quality data are available to everyone on the Internet.
- The time-density of continuous data improves our knowledge and understanding of relations between water quality and changes in hydrology, geology, and land use.
- Increased data-collection frequency provides an improved understanding of factors that affect water quality.
- Continuous data provide richer data sets for developing tools and models for extending observed water quality to unmeasured streams and enables development of better management tools for ensuring stream quality protection.
- Notification of water resource managers in real time, eliminating delay between sample collection and lab analysis may be critical for warning the public for recreation or for water treatment.
- Real-time data can decrease time and costs associated with manual sampling.
- Continuous data provide better measures of water quality relative to water-quality criteria compared to a few samples collected during a year.
- Continuous data measure water quality changes at night and during storms when samples are seldom collected and when storm events can have major effects on concentrations and loads.





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Meeting Minutes

KICKOFF MEETING

LOWER PLATTE NORTH NRD HAZARD MITIGATION PLAN 2025

Meeting Information

Meeting Type: Kick-off

Date: March 26, 2024

Time: 10:00am – 11:30am

Location:

In Person – LPNNRD Office, Wahoo

Purpose

- To Inform
- Seek Input
- Seek Approval

Agenda

1. Introductions

- Attendees:
 - Becky Appleford – JEO
 - Karl Dietrich – JEO
 - Anthony Kohel – JEO
 - Ryan Chapman – LPNNRD
 - Sean Elliot – LPNNRD
 - Will Brueggeman – LPNNRD
 - Drew ten Bensel – LPNNRD
 - Terry Miller – Saunders County EM
 - Tim Hofbauer – Platte County EM
 - Tom Smith – Dodge County EM
 - Mark Arps – Colfax County EM
 - Daryl Holmberg – Schuyler
 - Don Glodowski – Schuyler
 - Mark Byrd – Fremont
 - Theresa Busse – North Bend

2. Project Description & Planning Area Map

- a. Update 2020 Lower Platte North NRD Hazard Mitigation Plan
 - i. FEMA Updated Planning Requirements
 - ii. Project Funding
- b. Threat and Hazard Identification and Risk Assessment (THIRA)
- c. Drought Management Plan
- d. Project Schedule
 - THIRA and Drought Plan will have their own kickoff meetings that will be scheduled later.

3. Regional Planning Team Roles and Responsibilities
 - a. Support the Planning Process
 - b. Assist in Data Collection
 - c. Assist in Public Engagement
 - i. Project Website: <https://www.jeo.com/lpnrd-hmp>. County, NRD, and Community websites should link to the project website if possible.
 - ii. Project Flyer
 - Will be created by JEO.
 - iii. Public Survey
 - A draft survey be created by JEO and shared with the Regional Planning Team for review and comment.
 - d. Attend Meetings
 - 2 Hybrid Meetings: Wahoo and David City
 - 1 Virtual Meeting
 - One-on-one meeting w/ Fremont
4. 2020 Goals and Objectives
 - a. Review previous Goals and Objectives
 - All agreed on the suggested changes (see Goals Document)
5. Hazard Identification
 - a. 2025 Hazard Selection
 - All agreed on the suggested hazard changes for 2025 (see Hazards Document)
6. Participation Requirements & Potential Participants
 - a. Participation Criteria for Inclusion in the Hazard Mitigation Plan
 - i. Taxing Authority (i.e. Communities, Counties, School Districts, Fire Districts, etc.)
 - b. Potential Participants List
 - Fremont noted that Fremont Fire Department is part of the City of Fremont; however, Fremont Rural Fire District is not.
 - c. Vulnerable Populations to reach out to:
 - Schuyler and Southern Fremont (Large Spanish speaking populations)
7. Other Comments
 - The NRD would like a heat map of rural water sources for fire districts to use in the event of a grass/wildfire.
 - Fire Hydrant issues at some SIDs (locations and lack of pressure). Water pressure is also an issue in Colon.
8. Next Steps:
 - a. Data Collection
 - b. Schedule and attend Round 1 Meetings
 - c. Project Press Release
 - Will be created by JEO.
 - d. Contact List Review

9. Contact Information

- a. Becky Appleford, rappleford@jeo.com, 402-392-9915
- b. Karl Dietrich, kdietrich@jeo.com, 402-742-7213
- c. Ryan Chapman, rchapman@lpnrd.org, 402-443-4675





2025 HMP GOALS AND OBJECTIVES

GOAL 1: PROTECT THE HEALTH AND SAFETY OF RESIDENTS

Objective 1.1: Reduce or prevent damage to property or prevent loss of life or serious injury (overall intent of the plan).

Objective 1.2: Improve real-time monitoring of hazards with stream gauges, weather stations, and other technology where data gaps are identified.

GOAL 2: REDUCE FUTURE LOSSES FROM HAZARD EVENTS

Objective 2.1: Provide protection for existing structures, future development, community lifelines, services, utilities, and trees.

Objective 2.2: Develop hazard specific plans, conduct studies or assessments, and retrofit buildings and facilities to mitigate hazards and minimize their impact.

Objective 2.3: Minimize the impact of hazard events through enacting or updating ordinances, permits, laws, or regulations.

GOAL 3: INCREASE PUBLIC AWARENESS AND EDUCATION REGARDING VULNERABILITY TO HAZARDS

Objective 3.1: Develop and provide information to the public, visitors, and property owners about their risk and vulnerability to hazards.

GOAL 4: IMPROVE EMERGENCY MANAGEMENT CAPABILITIES

Objective 4.1: Develop or update City and/or County Emergency Response Plan(s) and procedures and increase the capability to respond.

Objective 4.2: Develop or improve Evacuation Plans and procedures.

Objective 4.3: Improve warning systems and ability to communicate with the public before, during, and following a disaster or emergency.

GOAL 5: ENHANCE OVERALL RESILIENCE AND PROMOTE SUSTAINABILITY

Objective 5.1: Incorporate hazard mitigation and adaptation into updating other local planning endeavors (e.g., comprehensive plans, zoning ordinance, subdivision regulation, etc.).



Lower Platte North NRD 2025 Hazard Mitigation Plan Update
 Hazard Identification

2021 State Hazards	2020 Lower Platte North NRD Hazards	2025 Lower Platte North NRD Hazards
Animal Disease	Agricultural Disease (Animal and Plant)	Animal and Plant Disease
Dam Failure	Chemical Spills – Fixed Site	Dam Failure
Drought	Chemical Spills – Transportation	Drought
Flood/Flash Flood	Dam Failure	Extreme Temperatures
Human Infectious Disease	Drought	Flooding
Levee Failure	Extreme Heat	Grass/Wildfire
Plant Disease and Pests	Flooding	Hazardous Materials Release
Severe Thunderstorm	Grass/Wildfire	Levee Failure
Severe Winter Storms	Hail	Severe Thunderstorms
Terrorism	High Winds	Severe Winter Storms
Tornado	Levee Failure	Terrorism and Cyber Attack
Wildfire	Severe Thunderstorms	Tornadoes and High Winds
Other Hazards of Concern:	Severe Winter Storms	
<ul style="list-style-type: none"> • Chemical Fixed Sites and Transportation 	Terrorism and Civil Disorder	
<ul style="list-style-type: none"> • Extreme Temperatures 	Tornadoes	
<ul style="list-style-type: none"> • Power Failure 		

Changes:

- Changed Agricultural Disease to Animal and Plant Disease (incorporates Emerald Ash Borer)
- Combined Chemical Fixed Sites and Chemical Transportation into Hazardous Materials Release
- Changing Extreme Heat to Extreme Temperatures
- Combined Hail into Severe Thunderstorms
- Combined Tornadoes and High Winds
- Replaced Civil Disorder and added Cyber Attack to Terrorism

Lower Platte North NRD

Bills Pending

May 13, 2024

Adam Brockmann	Cell Phone Reimbursement	\$ 45.00
Advanced Office Automation, Inc.	Maintenance Contract	\$ 85.75
Aflac	Employee Benefits	\$ 195.12
Agri-Inject, Inc.	Chemigation Expense	\$ 525.29
Andrew Tonnies	Director Mileage/Computer	\$ 464.94
Austin Wiese	Shell Creek Scholarship	\$ 500.00
Bill Bos	Mileage Expense	\$ 56.28
Bishop Neumann FFA	National FFA - Donation	\$ 250.00
Bobcat of Omaha	Equipment Upkeep	\$ 253.07
Bomgaars	Ed Bldg./O & M/Equipment Upkeep	\$ 388.30
Bret C. Schomer	Wanahoo Recreation Transition	\$ 300.00
Bromm, Lindahl, ET AL	Wahoo Creek/Building Legal	\$ 980.50
Bromm, Lindahl, ET AL	Retainer	\$ 500.00
Bromm, Lindahl, ET AL	New Building Legal	\$ 499.50
Bryan Bartek	Wahoo Creek	\$ 79,000.00
Butler County Ag Society	Fair Booth Rental	\$ 130.00
Butler Public Power District	Utilities Expense	\$ 743.18
Cathleen A. Pokorny	Wahoo Creek	\$ 127,000.00
Christyan Anderson	Shell Creek Scholarship	\$ 500.00
Cintas	Education Building Supplies	\$ 303.37
Cintas	Clint Johannes Ed Building	\$ 303.37
Colon Elevator Company	Colon RW Rent	\$ 600.00
Column Software, PBC	Legal Notices	\$ 53.55
Cuda's Auto, Inc.	Trailer Tire Repair	\$ 25.00
Daryl Andersen	Cell Phone Reimbursement	\$ 45.00
DAS State Acctg - Central Finance OCIO	New Tablets/Cell Phone	\$ 1,388.61
David A Moore	Cell Phone Reimbursement	\$ 45.00
David City Utilities	Bruno Water Purchase	\$ 2,737.37
Department of Revenue	Wanahoo Lodging Tax	\$ 358.03
Diode Communications	Education Building Open Path Repair	\$ 515.92
Diode Communications	NRD/Ed Building Open Path	\$ 54.58
Dodge County Agricultural Society	Fair Booth Rental	\$ 500.00
Drew ten Bensel	Cell Phone Reimbursement	\$ 45.00
Eric Gottschalk	Cell Phone Reimbursement	\$ 45.00
Forestry Suppliers, Inc.	Shell Creek Testing Supplies	\$ 298.08
Fred J Otradovsky	Flow Meter Cost-Share	\$ 1,000.00
Fremont Area Chamber	Chamber Dues	\$ 150.00
Fremont Sanitation	NRD/Wanahoo Garbage	\$ 318.63
Gary Dean Harms	Decommissioned Well \	\$ 1,261.13
Google	Email Expense	\$ 414.00
Hannah Ogan	Shell Creek Scholarship	\$ 500.00
HBE LLP	Professional Service Accounting	\$ 7,325.00
HDR Engineering Inc.	Cottonwood 21-A Rehabilitation	\$ 38,022.89
Helm Connected, LLC	Computer Consultant	\$ 398.00
Hergert Oil Company	Fuel Expense	\$ 2,130.48

Lower Platte North NRD

Bills Pending

May 13, 2024

Intermedia	Long Distance Expense	\$ 156.76
Jacob Stover	Cell Phone Reimbursement	\$ 45.00
JEO Consulting Group, Inc.	New Office Design	\$ 21,153.25
JEO Consulting Group, Inc.	Wanahoo Utility Improvement	\$ 1,686.25
Jill Breunig	Cell Phone Reimbursement	\$ 45.00
John S. Kaspar	Wahoo Creek	\$ 105,500.00
Johnathon Speichinger	Cell Phone Reimbursement	\$ 45.00
Karen Rezac	Cell Phone Reimbursement	\$ 45.00
Kenneth Nelson	Septic System Upgrade	\$ 4,847.51
Kim Homes	Education Building Cleaning	\$ 150.00
KTIC 840 Rural Radio	Radio Ads	\$ 210.00
Lacey Sabatka	Cell Phone Reimbursement	\$ 45.00
LRE Water	GWMP Revision	\$ 4,717.50
M.E. Collins Contracting Co., Inc.	Wanahoo Catpaws	\$ 28,836.00
Mark C. Kaspar	Wahoo Creek	\$ 165,500.00
Mark Horejsi	Flow Meter Cost-Share	\$ 2,000.00
Mark Seier	Director Mileage/Computer	\$ 954.04
Marvin A Hladky	Flow Meter Cost-Share	\$ 1,000.00
McKenna Smith Cleaning Service	NRD Cleaning	\$ 440.00
Midland Land LLC	Cost-share Gravity to SDI/Flow Meter	\$ 12,145.00
NARD Risk Pool	Employee Benefits	\$ 609.98
NARD Risk Pool	Employee Benefits	\$ 43,403.91
Nationwide	Retirement Benefit	\$ 6,222.25
Nebraska Association of Resources Districts	Director/Personnel Meeting	\$ 305.45
Nebraska Public Health Environmental Lab	GW Quality	\$ 32.00
Nebraska Public Health Environmental Lab	Bruno RW Expense	\$ 30.00
Nebraska Public Health Environmental Lab	Colon RW Expense	\$ 30.00
Nebraska Public Health Environmental Lab	GW Quality	\$ 384.00
Nebraska Public Health Environmental Lab	GW Quality	\$ 64.00
Olsson Associates	Wahoo Creek Real Estate Acquisitions	\$ 5,143.36
Olsson Associates	Wahoo Creek 7 Dam Sites Phase II	\$ 18,382.89
One Call Concepts, Inc	One Call Expense	\$ 42.78
OOP Inc.	Fuel Expense	\$ 872.62
Otte Oil & Propane	O & M Expense Pathway	\$ 146.25
Papio-Missouri River NRD	Water Strategies	\$ 2,200.00
Papio-Missouri River NRD	Ice Jam Reimbursement	\$ 303.64
Quill.com	Office supplies	\$ 99.16
Quill.com	Office Supplies	\$ 65.82
Rambour Realty Company	Flow Meter Cost-Share	\$ 1,000.00
Rixstine Recognition	Professional Service Accounting	\$ 76.98
Robert F. Kubik	Wahoo Creek	\$ 37,000.00
Robert Meduna Jr.	Director Computer	\$ 75.00
Ryan Chapman	Cell Phone Reimbursement	\$ 45.00
Santos Marroquin	Flow Meter Cost-Share	\$ 1,000.00
Saunders County Ag Society	Fair Booth Rental	\$ 500.00

Lower Platte North NRD

Bills Pending

May 13, 2024

Saunders County Planning and Zoning	Conditional Permit Wahoo Creek	\$ 300.00
Saunders County Treasurer	License NRD Vehicles	\$ 1,625.50
Schumacher's	Trees for Resale	\$ 1,251.81
Sean Elliott	Cell Phone Reimbursement	\$ 45.00
Sentinel Fertigation Inc.	Reflex Pump for Demo Site	\$ 10,803.88
Simons Home Store	Property of NRD Decals	\$ 8.29
Skytown Properties LLC	Cost-share Gravity to SDI/Flow Meter	\$ 11,000.00
State of Nebraska DEE	Chemigation	\$ 258.00
Sydney Abbott	Cell Phone Reimbursement	\$ 45.00
Trenton Patzel	Shell Creek Scholarship	\$ 500.00
TRI CITY METERS, INC	Meter Maintenance	\$ 16,737.00
Ty's Outdoor Power & Service	Normal O & M / Wanahoo Rec	\$ 713.12
UBT - VISA	Personnel Mtg/Ed Bldg./Software	\$ 7,026.27
Union Bank	Bank Fees	\$ 44.92
Union Bank	Startup Change for Shower House	\$ 125.00
Union Bank	Bi-Weekly Payroll/Per Diem - 4/12/24	\$ 56,810.65
Union Bank	Bi-Weekly Payroll - 4/26/24	\$ 49,987.11
Union Bank	Bi-Weekly Payroll - 5/10/24	\$ 49,426.79
University of Nebraska-Lincoln	GW Quality Program	\$ 207.90
Wahoo Auto Parts	Oil/Air Filters	\$ 191.22
Wahoo Metal Products & Supply, Inc.	Monitoring Wells	\$ 423.90
Wahoo Utilities	NRD/Wanahoo Utilities - Colon Water	\$ 1,678.05
Wahoo-Waverly-Ashland Newspapers	E-Ads	\$ 140.00
Ward Laboratories, Inc.	Groundwater Programs Other	\$ 207.90
Wells Fargo Financial Leasing, Inc.	Lease Payment Copier	\$ 209.00
William Brueggemann	Cell Phone Reimbursement	\$ 45.00
Windstream	Internet Fee	\$ 611.26
Windstream	Internet Fee	\$ 619.44
Grand Total		\$ 949,853.35

Consent Agenda

May 13, 2024

- 5. Approval of Minutes
- 6.A.3.a. Director Absence
- 6.A.5.c. Wanahoo Seasonal Staff
- 6.A.6.a. Approval of Financial Reports
- 6.A.6.b. Approval Manager Time and Expense Sheets
- 6.B.5.c. Live Well Go Fish Building
- 6.B.5.d. Wanahoo East Side WiFi/Camera Installation
- 6.C.3.a.2. Plugged Wells
- 6.D.2. SWCP
- 6.D.2.a. SWCP Application Approvals
- 6.D.4.a. Shell Creek Implementation – 319 & NET
- 6.D.6.a. Management Plan Update
- 8. Authorize General Manager to approve and then treasurer to pay monthly recurring expenses pursuant to April 11, 2011 board policy.