Regular Board of Directors Meeting
Monday, August 11, 2025 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. Budget Workshop

The Budget Workshop is scheduled for Tuesday, August 5th at 6:00 p.m. at the NRD Office.

6.A.2.a.2. NARD Fall Conference

The NARD Fall Conference is scheduled for September 28-30 at the Younes Conference Center in Kearney. Attached is a tentative schedule of events. Please let Breunig know if you plan to attend and if you will need a room.

6.A.2.b. Reports

6.A.2.b.1. NRC Report

Attached find Mountford's Natural Resources Committee Report from the July 23rd Meeting and attachments.

6.A.3. MANAGEMENT ITEMS

6.A.3.a. Directors Absence

6.A.3.b. Monthly Education Program

6.A.3.c. 600' Wanahoo Setback

When Wanahoo was developed there was a 600' hunting setback filed on the neighboring properties on our west boundary. I have had several requests to consider removing or reducing this setback, allowing landowners to develop their properties. Discussion and possible motion is requested.

6.A.3.d. Wanahoo Property Building Unit Discussion

In order for neighboring landowners to further develop their properties with dwellings, Saunders County assigns building units to parcels of ground. Discussion and possible action is requested to allow LPNNRD to grant "Building Units" to neighboring landowners.

6.A.3.e. New Office

6.A.3.e.1. Irrigation and Landscaping Update

Kim Todd (UNL) was onsite on July 29th to discuss landscaping. The first step is getting the sprinkler system installed after final grading is completed. Kim will draw bed edges on a plan for us and indicate where drip zones should be. We will utilize this plan to request proposals/bids. Staff request approval to go to bid for the sprinkler system this fall. Next, Kim suggests planting a cover crop (buckwheat, oats, or wheat) to prevent erosion and weeds until grass seeding and planting can occur. Students will work on a planting plan during the

fall semester with Spring 2026 tree/shrub/perennials planting planned. This fall, Kim will also have her class work on refining the detention basin design including details for the boardwalk. We will likely not have our 319 grant funding to assist with this portion until this winter. This will allow us to go to bid this winter for spring construction.

6.A.3.e.2. Window Coverings for Office

Staff plan to have window-covering bids ready for a decision at our August Board meeting. A motion will be needed at the Board Meeting to proceed.

6.A.3.e.3. Camera/IT Update

6.A.3.f. Amphitheater Update

6.A.4. EQUIPMENT

6.A.5. PERSONNEL

6.A.5.a. Staff Responsibility Adjustments

Jake Pittman is currently assuming Water Technician responsibilities and is now trained and prepared to be moved to Water Specialist. In addition to his field work and department support Jake will be responsible for our water sampling program, our Phase 4 program and assist with variance and ranking of our well applications.

Sean O'brien is currently working for us as an O&M Technician. With the increased maintenance requirements of our new office, Sean will assume the duties and responsibilities of Building Maintenance Specialist. He will be lead on all office-related scheduled maintenance.

6.A.5.b. NRCS Office Consolidation

During budget discussions, the topic of combining NRCS Office staff, as we have done with the Saunders/Dodge Counties, has been brought up. In order to reduce costs and consolidate workload, it appears appropriate and feasible to have one NRD staff member support the Colfax and Butler County NRCS offices.

6.A.6. FINANCE

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

Grant will be available to discuss the draft June Financial Statements. We will not approve the June Financial Statement until after the Annual Audit is complete.

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

Attached find Gottschalk's time and expense sheets.

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

6.A.6.d. FY 2026 Budget

Gottschalk will review FY '26 Draft budget.

A motion will be needed at Board Meeting to approve the Fiscal Year 2026 budget with total expenditures of $13,124,670.

6.B. Operations Committee - Action as Required

6.B.1. UNFINISHED BUSINESS

We do not have any unfinished business to address.

6.B.2. WILD NE AND OTHER PROGRAMS

Nothing to report.

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

The O & M crew did maintenance & inspections on 7-8 more dams, shredded roadsides around Wanahoo & Czechland & plots where the BGC group wants to establish food plots near their deer blinds. We are spraying tree problem areas also. Continue to organize & assist around the new building.

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

The NRCS Grants & Agreements Division has approved the amendment to use non-allocated funds from the Work Plan-Environmental Assessment Study for the Planning and Design Phase of Cottonwood 21-A. It was signed by the District on July 22. They expect the Planning & Design Phase to be completed by December 2026.

The Work Plan-Environment Assessment Study was also returned from the Little Rock, AR NRCS office with their comments. Staff sat in on a teleconference page turner review with NRCS and HDR.on July 24th. The NRCS & HDR addressed all the comments and will update the plan and send it back to Little Rock.

6.B.3.b. Wanahoo Basin Damage & Repair, FEMA, & Houston Engineering

Staff met with Houston Engineering (Mike & Connor) to review the damage on the Wanahoo property and how we want to prioritize, repair and/or mitigate areas. We have teleconferenced with FEMA & NEMA on procedures & directions. FEMA will allow us to work our projects in phases, so if a project is completed we can then be reimbursed for it rather than wait for all phases to be completed. We can move forward with bidding the repairs to the hiking trail, jetties, and pedestrian bridge (need a motion). FEMA would like us to move forward as fast as we can for the dam joints and basin. FEMA needs repair and mitigation costs and a BCA, so funds can be obligated, and we can bid for the work.

If we want to mitigate the breakwater and improve the third mile weir access, we may have to obtain a 408 permit from the COE since those structures were Corps designed and built.

We need a new contract with Houston Engineering to lead us through this large project. They may have one prepared by the Board meeting.

6.B.3.c. Office Generac Generator Warranty & Plan

1) We have a two-year warranty on the office Generac generator. Year one

is comprehensive (bumper to bumper), and the second year is parts only. Do we want an extended warranty of 5, 7, or 10 years? These plans have comprehensive coverage. The 5-year plan is $1150, the 7-year is $2132 and the 10-year is $3446. After 2000 hours on the generator there is no warranty coverage.

2) Do we want a preventative maintenance plan? Attached is a quote for the Silver Plan in which they come out twice a year. There's a major inspection and a minor. The Bronze Plan is a major inspection once a year and staff would be required to do quarterly inspections for warranty purposes.

6.B.3.d. Grass Drill Revenues

The grass drill at Rosendahl Farms was used by three cooperators, and we received $128.75.

The grass drill at Rezac Seed was used by 8 cooperators, and we received $1,437.70.

Do we want to write another NET grant to replace the grass drill at Rezac Seed? Paul Rezac would recommend one as the current one is very old.

6.B.3.e. National Guard Camp Fuse Plug Reimbursement to LPSNRD

Lower Platte South NRD assisted financially with the repair of the Fuse Plug in the National Guard Camp back in Sept. 2020 and paid LPN $14,641.66 (which is 50% of the local sponsor share).

We can reimburse LPSNRD $14,641.66 because we have been fully reimbursed by FEMA, NEMA and the CBDG grant for that repair.

6.B.4. ROCK AND JETTY

We have not received any request for payments or applications.

6.B.5. LAKE WANAHOO

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

For the month of June, the District received $8,089.00 in annual park permit revenue.

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

For the month of June, the District received $17,152.82 in camping revenue.

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

The Clint Johannes Education Building at Lake Wanahoo was rented 16 times in July, with 4 NRD events. Revenue for the month was $1,325.

6.B.5.d. Wanahoo Property 600' Setback

When Wanahoo was developed there was a 600' hunting setback filed on the neighboring properties on our west boundary. I have had several requests to consider removing or reducing this setback allowing landowners to develop their properties.

6.B.6. INFORMATION AND EDUCATION

6.B.6.a. Information

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

The KTIC radio ads for July featured a reminder for annual well water testing. August's ad will feature variances. Those ads are both attached.

Wahoo newspaper e-ad and print ad for July featured variances. We will not be doing an e-ad or print ad for August.

6.B.6.a.2. Analytics

Top Posts for Facebook and X included:

• Wildflowers and Wine flyer
• Nocturnal night flyer
• NWQI for Wahoo Creek Watershed
• 4th of July at Wanahoo
• Coffee Lakeside flyer

On the LPNNRD website, we received traffic from Facebook (58), NARD (10), Nebraska tourism (7), Saunders County Fair website (2), KTIC (1) Wahoo newspaper e-ad (0), X (0).

The full reports are attached.

6.B.6.a.3. Summer Newsletter

The Summer Viaduct will be finished this week with the printer and sent to newspapers for inserting. This will go into newspapers the week of August 11. Attached is a copy.

6.B.6.b. Education

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

- **July 7-11:** NRD Nature Camp. Eight middle school students participated this year. These kids spent a week learning about: insects, birds, reptiles and amphibians, trees, mushrooms, and flowers. They went: fishing and bird watching; dissected owl pellets; and learned photography basics. Every student went home with a nature journal, and they'll receive photo albums from the pictures they took that week.
- **July 15th:** Nocturnal Night (12). Spent the night learning about nocturnal animals and their environments. Ended with a nocturnal nature hike and smores.
- **July 17th:** Coffee Lakeside (5). Walked the prairies discussing the history, current management techniques, common invaders, and species of the prairies.

6.B.6.b.2. Upcoming events

- **August 4th:** Wildlfowers and Wine (flyer)

- **August 7th:** Coffee Lakeside: Specialty Crops
- **August 7th:** Last nocturnal night of the summer!
- **August 26th:** State Fair Education

2025-2026 Education flyer - Mailed and emailed to every school district
CEO student schedule - Jack
Scheduling 2025-2026 school year
State Land Judging Contest Host

6.B.6.b.3. Native Nook

We are starting a new program called the Native Nook. This is for anyone in our district, urban or rural, looking to add native flowers and grasses to their landscape. We will provide 100 square feet of seed, and a yard sign for outreach and education. We are still working on the program details and application process, but are hoping to roll it out in the next two months.

6.B.7. RURAL WATER SYSTEMS

6.B.7.a. Colon System

The RWD was notified of a leak at a residence in Colon and will work to get it repaired as quickly as possible.
Routine month sampling, meters read and billing completed.

6.B.7.b. Bruno System

The lead and copper testing has been completed and results from state labs will be sent to residences. No results were near action limits.
Routine month sampling, meters read and billing completed.

6.B.7.c. Operations Budget

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 Request in the Hydrologically Connected Area (Limited Development Area)

The deadline for applications is September 15.

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

The deadline for applications is August 15.

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

These will be reviewed at the August Committee Meeting.

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

6.C.2.a.4.A. Lindsay Manufacturing

Lindsay Manufacturing is requesting a well permit for pivot testing in NE1/4 SW1/4 S17-20-3W, Platte County. It is located north of the plant and is in Lindsay Wellhead Protection Area. They are getting permission from the Village of Lindsay at their next board meeting.

6.C.2.a.4.B. Public Water Supply Well Permit

Attached is a public water supply well permit for Camp Moses - Merrill. This is a transient, non-community public water system and is located in the NE SE S30-17-5E, Saunders County.

6.C.2.a.5. UNL Demonstration Fields Update

Bruno Patia Lena - Platte County Extension gave an update on the projects he is conducting in the LPN district. The main takeaway is that conducting soil sampling in the spring showed a higher amount of nitrogen in the soil compared to fall sampling. Mineralization from soil temperature and water could make the difference. The committee asked Bruno to consider soil sampling in April and then May to see if there is a difference.

Joe discussed his project and nitrogen applications utilizing Sentinel Ag. He has decreased his nitrogen application amounts and commented that the corn does not look distressed at this time.

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

The committee and staff review the changes to the items shown below. The committee directed staff to proceed with the draft GWMP by putting it on the website and contacting the stakeholders for review. The plan is to start the hearing process in September for a hearing conducted prior to the October 13th Board Meeting,

Attached is an updated plan.

Here is the list of suggestions that were requested at the last committee meeting when reviewing the plan. Staff have reviewed and changes were made.

- Be consistent with your map legends.
  - Make each map city the same color and maybe change the symbol (They recommend blue or hot pink).
  - Add Swedeburg to the maps.
- Take out 3.1.1 page 34 along with Figure 25 out of the plan.
- Figure 29: They do like the color of the certified acres and make more contrast between city and acres.
- Figure 35 Middle Shell Creek, Platte Center and Lower Shell Creek all look similar in color. Make Platte Center a different color other than green.
- Figure 35 North Bend and Todd Valley are both blue. I would like a different color.
- Figure 35 Weston and Swedeburg to close of similar color.

- Figure 35 Is it possible to have a black boundary around each subarea?
- Objective 1.4 take out "with at least one" and "each year". Page 50
- Objective 1.6 takes out "at least five" and "per year". Page 50
- Objective 4.1 Reword to "Conduct stakeholder review field at least every 5 years", Page 51
- Consistency with NDEE and NeDNR throughout the plan.
- Add Coop, Agronomist etc. as partners

6.C.2.a.7. Special Quantity Subareas

Staff have been in contact with LRE to start re-evaluating these areas.

6.C.2.a.8. Cost Share Programs

We have received two invoices for our Domestic Well Water Treatment System Cost-Share Program from Allen Svatora and Dan Stevenson. We are offering to pay 75% of the total cost up to $800.

Allen Svatora one RO Unit cost share of $505.45.
Dan Stevenson; one RO Unit Cost share of $375.00.

6.C.2.a.8.A. Irrigation Well Sample Kits

Sample kits are being requested. Staff sent out kits initially, but now in a holding pattern as we move forward. Some producers might not be irrigating this year because of the rainfall. Staff have not begun water sampling for the same reason.
The committee suggested calling people to determine when they might be water sampling. They commented that irrigation season is still not over.

6.C.2.b. CHEMIGATION

For 2025, we have 660 renewals and 41 new permit applications for a current total of 701. Inspections for 143 renewal permits have been completed and 41 new permits.

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

-Potential for no irrigation sampling this year. Possibility to test our monitoring wells for other contaminants besides nitrates?

6.C.3. GROUND WATER PROGRAMS

6.C.3.a. DECOMMISSIONED WELL PROGRAM

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

no new wells have been reviewed and approved for decommissioning since the last Committee meeting.

Well Owner	Type of Well	Cost Share Estimate	County

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

no wells have been plugged, reviewed, and ready for cost share payment approval this month.

Well Owner	Type of Well	Cost Share Estimate	County

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

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

We have 6 meter cost share invoices for the Richland Schuyler area.

William Klug	4	$	4,000.00
Hilland Valley farms	1	$	1,000.00
Benjamin Klug	1	$	1,000.00
Keith Kallweit	1	$ 1,000.00	

6.C.3.c. NEW MONITORING WELLS

The data loggers and HydroVu equipment that was damaged have been fixed and are being shipped.

6.C.3.d. SOURCE WATER PROTECTION

The Public Hearing for the Newman Grove Wellhead Protection Plan is on August 14th at 7:00 pm.

The Public Hearing for the Platte Center Wellhead Protection Plan was rescheduled for September 9th at 7:00 pm.

6.C.3.e. GMDA conference

The conference was held in Idaho Falls. Topics included reports from all participating states and Idaho water challenges. The main challenges are population growth and the overuse of the aquifer. Toured Idahoan Potatoes Factory, Barley Hops elevator, injection wells and National/Idaho Laboratory. Attached are some pictures.

Key Takeaways

-The Eastern Snake River Plain Aquifer moves much faster than the Ogallala.
-Idaho has similar concerns with the management of new domestic wells.
-Injection well could pump 10,000 GPM back into the aquifer. Must test for contaminants before. E.coli doesn't survive in some anoxic conditions.

Potential for recharge in Prague area?
-Idaho wants to convert groundwater irrigation to surface water irrigation.
-Geologist at ISU discussed how nitrates mobilize uranium in groundwater.
-Four-year crop rotation for potatoes.
-Idahoan potatoes & Anheuser-Busch have taken steps to reduce water usage. Potential to partner with industries for similar initiatives?

6.C.4. SURFACE WATER PROGRAMS

Attached is a quarterly invoice from USGS for operation of streamgages at Shell Creek near Columbus and Wahoo Creek at Ashland.

6.C.4.a. STATE LAKES, FOR THE WEEK OF JULY 23

This week's beach Bacteria and Harmful Algal Bloom results are now posted on the DWEE web page (Current Health Alerts and Sampling Results For This Week).

There are no lakes on Health Alert!!!

Kirkman's Cove Lake tested at 3.86 ppb and will be removed from Health Alert.

Branched Oak at Liebers Point Beach, Lewis and Clark at Weigand Beach, Maple Creek Recreation Area, and Summit Lakes all tested above 235 colonies/100 mL.

There are **0** beaches on Health Alert this week.

Current Lakes on Health Alert			
Lake	**County**	**Microcystin (ppb)**	**Sample Date**
None! ??			

When a lake exceeds 8 ppb of microcystin it will be placed on Health Alert. If a lake is under a Health Alert, signs will be posted recommending people avoid full body contact activities such as swimming, wading, skiing, jet skiing, etc.
There are **4** beaches with *E.coli* testing above 235 colonies/100 mL.

Lakes with High *E.coli* Bacteria			
Lake	**County**	***E.coli* (MPN)**	**Sample Date**
Branched Oak Lake at Liebers Point Beach	**Lancaster**	**249**	**7/21/2025**
Lewis and Clark Reservoir at Weigand Beach	**Knox**	**397**	**7/21/2025**
Maple Creek Recreation Area Lake	**Colfax**	**1,986**	**7/21/2025**
Summit Lake	**Burt**	**387**	**7/21/2025**

When *E. coli* bacteria levels test above 235 colonies/100 mL a Health Alert is not issued. However, conditions are at a higher risk to human health when swimming. Considering the more rapid changes

in bacteria conditions, signs are not posted with these higher levels. Although, we want people to be aware of beach conditions and use their own judgment as to whether they use a listed water body.
Stay cool!

Justin Haas
State Lakes Coordinator
Department of Water, Energy and Environment
245 Fallbrook Blvd., Suite 100
Lincoln, NE 68509-8922
Direct: 402-471-4224 | Main Office: 402-471-2186

6.C.5. IRRIGATION DEMONSTRATION

Attached are some pictures which staff were asked to view in the field. This site is south of Leigh.

6.C.6. OTHER

6.C.6.a. FY '26 Water Committee Draft Budget Review

The water portion of the budget was reviewed.

6.C.6.b. COMMENTS FROM THE PUBLIC

6.D. Projects Committee - Action as Required

6.D.1. UNFINISHED BUSINESS

6.D.2. SWCP

6.D.2.a. SWCP Application Approvals

We still haven't received our FY26 NSWCP allocation from the State. Staff has been informed that we should be notified soon. We expect to receive the same (or very near) to FY25 which was $83,388. We will also have additional carry-over funds that weren't distributed that can be allocated. Below is a list of eligible approvals:

KRISTEN MILLER	**$**	**5,086.40**	**COVER CROP**
ERIC POSPISIL	**$**	**4,959.24**	**COVER CROP**
PAUL POLACEK	**$**	**5,086.40**	**COVER CROP**
DAVID THEILEN	**$**	**4,259.86**	**COVER CROP**

STEVE & MARILYN VRANA LT	**$**	**4,387.02**	**COVER CROP**
THEILEN TRUST (GLENN THEILEN)	**$**	**3,496.90**	**COVER CROP**
DAN THEILEN	**$**	**4,214.10**	**COVER CROP**
DONALD GASPER	**$**	**5,086.40**	**COVER CROP**
TAYLOR MURREN	**$**	**5,086.40**	**COVER CROP**
MICHAEL SWANSON	**$**	**5,086.40**	**COVER CROP**
FRANK PLESKAC	**$**	**5,086.40**	**COVER CROP**
LARRY POSPISIL	**$**	**5,086.40**	**COVER CROP**
MARK KASPAR	**$**	**5,086.40**	**COVER CROP**
RONALD SABATKA	**$**	**3,751.22**	**COVER CROP**
LUGENE TOROZON	**$**	**4,704.92**	**COVER CROP**
GARY TOROZON	**$**	**5,086.40**	**COVER CROP**

GERALD OSMERA	**$**	**5,086.40**	**COVER CROP**
LPJ FARMS	**$**	**5,086.40**	**COVER CROP**
TERRY KUBIK	**$**	**15,000.00**	**TOT/WASCB/GWW**
KYLE OSMERA	**$**	**15,000.00**	**TOT/WASCB**
DOROTHY ANN MEDUNA	**$**	**15,000.00**	**TOT/WASCB**
KAREN SMAUS	**$**	**15,000.00**	**TOT/WASCB**
MICHAEL KUBIK	**$**	**15,000.00**	**TOT/WASCB/GWW**
DAN MACH	**$**	**15,000.00**	**TOT/WASCB**
TOM SAMEK	**$**	**15,000.00**	**TOT/WASCB**
RONALD SWOBODA	**$**	**10,625.01**	**TOT/WASCB**
NORM LINDGREN	**$**	**5,681.35**	**TOT**

JAMES KUBIK	**$**	**15,000.00**	**TOT**
BEN SPATZ	**$**	**15,000.00**	**TOT/COVER CROPS**

Total NSWCP application = $190,723.66
Cover Crop = $85,723.66

A motion will be needed at Board Meeting to approve listed applications pending state funding allocation.

6.D.2.b. SWCP Payments

Listed are two completed projects ready for payment:

JV ACRES PTNSHP	**$**	**12,106.02**	**TOT/WASCB**
CLIFFORD PROCHASKA	**$**	**13,701.06**	**WASCB**

6.D.2.c. SWCP Cancellations

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

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

Attached is an invoice from USGS for stage-only streamgages and cameras on the Platte River for flood monitoring purposes. This invoice will be paid per our agreement and 3/4 of costs will be paid by our partners: Papio NRD, Dodge County, and City of Fremont.

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

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

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

The final Rawhide WFPO public meeting is scheduled for August 21st, 2:00-4:00pm, at the Dodge County Extension office - 1206 W 23rd Street, Fremont, NE. Meeting materials will be uploaded when they are available and an invitation will be forwarded to Dodge County directors soon. Above average summer precipitation has caused water issues in the Rawhide area. Dodge County has received requests to clean out the ditch from residents close to where the detention basins are planned. Collectively, we are steering folks to the public meeting on August 21st. It would not be surprising if they attend a future committee or Board meeting.

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

Recent conversations with the County revealed that the project is not complete, but very close. The contractor needs several good dry working days to finish the project.

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

Mike Eason will be present at the committee meeting to present an opportunity to shore up the dike this fall and request assistance. Permitting obligations should be discussed.

6.D.4. SHELL CREEK WATERSHED

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

A SCWIG meeting was held on 7/15 at the Columbus field office. Discussion focused around wrapping up our existing 319 and NET grants which end 6/30/26. The final bend is complete and came in lower than anticipated when we budgeted this grant, which leaves us with a good chunk to be allocated. The onsite wastewater systems continue to be popular, but can't be expected to exhaust the funds.

The streambank stabilization/rain garden at Christ Lutheran Church/School is expected to move forward with cooperation from Platte county being approved. A site showing occurred after the SCWIG meeting with NDWEE, NRD, Church, and County reps present to discuss moving project forward. A formal interlocal will be forthcoming.

Elbert Traylor, the longtime DEQ/NDEE/DWEE funding ally of SCWIG officially retired and had his (office) farewell party on 7/29. Elbert championed Shell Creek for many years and without his assistance SCWIG wouldn't have been able to accomplish everything that we've seen over the past decades.

Bill Bos submitted two onsite wastewater systems that have been completed and are eligible for cost-share:

Rick Loseke: 2-19-1E Platte County

Total was $10,017.71 + $425 inspection = $6,310.60 @ 60% c/s

Jeff Klug: 13-18-1E Platte County

Total = $12,274.77 = $7,364.86 @ 60% c/s

6.D.5. WAHOO CREEK WATERSHED

6.D.5.a. Construction Update

The monthly construction update meeting was held at Site 27/26A on 7/22, meeting minutes and pictures are attached.

- Primary work on site 27 is on concrete riser; four lifts completed, next will be forming/pouring wing baffles on the top section.
- 12" drawdown pipe installed, 18" low-stage inlet to be installed.
- Over-excavation continues at 26A; contractor (Shanahan) feels as though it's been greater volume than anticipated. Olsson will do additional survey.

- TCI/Shanahan expect site 27 to progress rapidly as weather becomes more cooperative and additional crew becomes available.

TCI pay invoice attached.

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

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

Olsson has submitted site 77 designs to DNR/DWEE and NRCS national watershed center (NWC) for permitting review. We expect both reviews to take the remainder of the summer.

On 7/10, Olsson, NRCS, and NRD staff met to discuss the biological assessment (BA) comments and strategize for editing BA for permit submittal. The plan had been to tailor this BA the same as the prior BA we developed for our first phase (26AB, 27) of the WCW. The reviewing partners (NeG&P, FWS, DWEE, ACOE) felt that we needed to provide a "better plan" for offsetting potential depletion in the Platte. One of the primary issues was our intention to use the Louisville USGS gauge, with an agreed upon minimum cfs, as the measuring stick for releasing additional water. That plan was denied. We will have a revised BA ready for review, reflecting the comments from partners, within the next 4-6 weeks.

Andrew Philips, of Olsson, will be present to discuss engineering write-offs that have occurred over the last 7 years. Write up is attached.

Attached are the last three month's of engineering invoices.

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

All landowners with existing offers have been notified of the Boards decision to move towards condemnation if no meaningful discussions can be had prior to August Board meeting. We expect that there will be several that acquire their own appraisals.

Olsson invoice attached.

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

6.D.5.b.4. Water Quality - NWQI & 319

The website page for the NWQI program is live. Beethe and Maslonka recently updated the Wahoo Creek Watershed - Non Point Source Management plan and submitted it to DWEE. Staff are currently working on the Section 319 grant PIP (workplan).

6.D.6. LOWER PLATTE RIVER CORRIDOR ALLIANCE

6.D.7. MORSE BLUFF FLOOD REDUCTION

Staff are on the agenda for the August 19th Saunders County Board meeting. We hope to have enough information after that meeting to draft an interlocal acceptable to both parties.

6.D.8. LESHARA DRAINAGE IMPROVEMENT

6.D.9. EROSION AND SEDIMENT RULES AND REGULATIONS

6.D.10. HAZARD MITIGATION PLAN UPDATE

We have a meeting on August 18th to discuss public outreach with regard to both the hazard and drought mitigation plans. Attached is an invoice from JEO.

6.D.11. OTHER

6.D.11.a. FY '26 Draft Budget Review

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.

LOWER PLATTE NORTH NRD MINUTES
BOARD MEETING
July 14, 2025

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, July 14, 2025.

1. NOTICE OF MEETING

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

The advanced notice of our July 14, 2025, board meeting was posted on the Lower Platte North NRD website and posted in the Wahoo Newspaper on July 3, 2025.

Chair Sabatka 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	
Goldsberry	Hanson	Harders (arrived 6:07)
Hilger	Johnson, Duane	Johnson, Jerry
Lawrence	McKnight	Meduna
Olson	Saalfeld	Saeger
Seier	Yosten	Sabatka

DIRECTORS ABSENT

Engel	Tonnies

STAFF AND GUESTS:

Gottschalk	Breunig	Chapman
Lausterer	Shupe	Andersen
Marlin Fujan	Kelly Thompson	Conner Kelley
Elliott (Zoom)	Beethe (Zoom)	Bargen (Zoom)
Danielle Allen (Zoom)		

3. APPROVAL OF AGENDA

4. COMMENTS - ADVISORS/GUESTS/DIRECTORS

a. Guest Comments

b. NRCS Report

Shupe gave the NRCS report.

c. NARD Report

Hilger gave the NARD report.

d. NRC Report - None

e. Manager Report

Manager Gottschalk reviewed his monthly report.

f. Education Program

Conner Kelley, Houston Engineering discussed repair and mitigation recommendations and associated costs for the spillway joints, the downstream channel and basin, the breakwater and the 3rd mile access path to the wetland weir.

5. APPROVAL OF MINUTES

Johnson J. made the motion, seconded by Saalfeld, to approve the minutes from the June 9, 2025, 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

3. Management Items

a. Director Absences – Update Given

b. Monthly Education Program – Taken Earlier

c. New Office Update – Update Given

d. New Office Cleaning Bids

Meduna made the motion, seconded by Hanson, to enter into a 1-year contract with Heartland Office Cleaners for cleaning the NRD Office at $525/month for service one time each week as described in the terms of cleaning agreement as attached to the Executive Committee Minutes. Motion carried all members present voting aye.

e. Morse Bluff Flood Control Project – Update Given

f. Lake Wanahoo Amphitheater – Update Given

4. Equipment - None

5. Personnel

a. NRCS Office Assistant Position – Update Given

6. Finance

a. Approval of Financial Reports

Johnson J. made the motion, seconded by Saalfeld, to approve the final May Financial Statement as attached to the Executive Committee Minutes. Motion carried on consent agenda.

b. Approval of Managers' Expenses

Johnson J. made the motion, seconded by Saalfeld, 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

d. Sinking Fund – Update Given

e. Budget Workshop – Update Given

f. Budget and Levy Hearing – Update Given

Johnson J. made the motion, seconded by Saalfeld, that the July LPNNRD Executive Committee Minutes be received and placed on file. Motion carried on consent agenda.

B. OPERATIONS COMMITTEE REPORT

1. UNFINISHED BUSIINESS – None

2. WILD NE AND OTHER PROGRAMS – None

3. OPERATION AND MAINTENANCE & OTHER ITEMS

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

b. Wanahoo Basin Investigation for Damage – Update Given

4. ROCK AND JETTY – Update Given

5. LAKE WANAHOO

a. Lake Wanahoo Permit Sales - Update Given

b. Lake Wanahoo Camping Revenue – Update Given

c. Lake Wanahoo Campsite Renovation Project

Johnson, J. made the motion, seconded by Hanson, to approve the addition of 20 new 50/30 amp electrical pad sites to Lake Wanahoo's campground and award the project bid to Schutt Electric at a bid price of $56,145.20. Motion carried all members present voting aye.

d. Clint Johannes Education Building Rentals – Update Given

6. INFORMATION & EDUCATION

a. Information

1. Radio and Digital Ads – Update Given

2. Analytics – Update Given

3. Website Updates

Johnson J. made the motion, seconded by Saalfeld, to accept the proposal of $5,00 for website updates from Redthread. Motion carried on consent agenda.

4. Nebraska's Director of the Year – Update Given

b. Education

1. **Past Events – Update Given**

2. **Upcoming Events – Update Given**

3. **Year in Review – Update Given**

7. RURAL WATER SYSTEMS

a. Colon – Update Given

b. Bruno – Update Given

c. Other - None

Johnson J. made the motion, seconded by Saalfeld, that the July LPNNRD Operations Committee Minutes be received and placed on file. Motion carried on consent agenda.

C. WATER COMMITTEE REPORT

1. UNFINISHED BUSINESS – NONE

2. REGULATORY

a. GROUNDWATER MANGEMENT AREA

1. Well Permit Program – Update Given

2. Special Quantity Subareas

Hilger made the motion, seconded by Birkel, to approve an extension to the Groundwater Management Plan Update contract with LRE for $29,000 to re-evaluate the SQS areas and authorize Board Chairman's signature. Motion carried all members present voting aye.

3. Cost-Share Programs – Update Given

a. Irrigation Well Sample Kits – Update Given

b. Demonstration Sites

Hilger made the motion, seconded by Johnson, J., to pay Sentinel Ag $2,376 for conducting nitrogen management on demonstration field for Joe Birkel and Bruce Williams. Motion carried.

AYE: Bailey, Goldsberry, Hanson, Harders, Hilger, Johnson D., Johnson J., Lawrence McKnight, Meduna, Olson, Saalfeld, Saeger, Seier, Yosten, Sabatka
ABSTAIN: Birkel

b. Chemigation – Update Given

c. Ground Water Quality Sampling

Johnson J. made the motion, seconded by Saalfeld, to approve getting repairs and service on the YSI water meter from Fondriest at an estimated cost of $1,198.80. Motion carried on consent agenda.

d. Ground Water Management Plan – Update Given

3. GROUND WATER PROGRAMS

a. Decommissioned Well Program

1. Well Estimates – Update Given

2. Plugged Wells

Johnson J. made the motion, seconded by Saalfeld, to approve a decommissioned well cost-share payment to Timothy and Suzanne Mueller for $1,178.54 from NRD funds and $392.85 Shell Creek Grant funds. Motion carried on consent agenda.

b. LOWER PLATTE NORTH NRD GROUND WATER STUDIES

1. Phase Area Update

Meduna made the motion, seconded by Olson, to approve the following flow meter cost-share payments: Merlyn Bell and Marty Eaton - $1,000; Gene Novak -$1,000; Russ Novak - $1,000; Annette Pycha - $1,000; Dean Novak - $2,000; Keith Kallweit - $1,000; Brian Kluck - $1,000; Marcy Kallweit - $3,000; Larry Svoboda -$1,000; Pathfinder - $1,000. Motion carried.

AYE: Bailey, Birkel, Goldsberry, Hanson, Harders, Hilger, Johnson D., Johnson J., Lawrence McKnight, Meduna, Olson, Saalfeld, Saeger, Seier, Sabatka
ABSTAIN: Yosten

c. Monitoring Wells and Equipment

Johnson J. made the motion, seconded by Saalfeld, to proceed with getting repairs on our Hydrovu and data logger monitoring equipment from In-Stu at a cost of $3,748.68. Motion carried on consent agenda.

d. Database Transfer – Update Given

4. SURFACE WATER PROGRAM -Update Given

a. State Lakes - Update Given

5. OTHER

a. Comments from the Public – None

Johnson J. made the motion, seconded by Saalfeld, that the July 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. Application Approvals - None

b. SWCP Payments

Johnson J. made the motion, seconded by Saalfeld, to approve three SWCP tree planting cost-share payments to applicants listed totaling $2,056.72. It was further moved to approve $15,000 SWCP cost-share payment to Donald Krejci for a tile outlet and basin project. Motion carried on consent agenda.

c. SWCP Cancellations – None

d. Wahoo Creek Cost Share Applications - None

3. JOINT WATER MANAGEMENT ADVISORY BOARD – Update Given

a. West Fremont – FEMA BRIC – Update Given

b. Rawhide Creek Watershed NRCSA WFPO – Update Given

c. North Bend Drainage District – Update Given

4. SHELL CREEK WATERSHED

a. Shell Creek Implementation – 319 and NET

Bailey made the motion, seconded by Yosten, to approve change orders as attached to the Projects Committee Minutes and reimburse Colfax County $107,587.03 for the SCWIG Final Bend project. Motion carried all members present voting aye.

Johnson J. made the motion, seconded by Saalfeld, to approve cost-share payment to Dean Sanders for septic system upgrade in Platte County for $6,916.12 Motion carried on consent agenda.

5. WAHOO CREEK WATERSHED

a. Wahoo Creek Construction – Update Given

b. Dam Site Planning – Update Given

1. Design Olsson – Update Given

2. Real Estate Olsson & Great Plains Appraisal – This item will be taken at the end of the meeting.

3. Funding – NRCS WFPO and NeDNR JEDI – Update Given

c. Water Quality – NWQI & 319 – Update Given

6. LOWER PLATTE RIVER COOIDOR ALLIANCE – Update Given

7. MORSE BLUFF FLOOD CONTROL PROJECT – Update Given

8. LESHARA DRAINAGE IMPROVEMENT – Update Given

9. EROSION AND SEDIMENT RULES AND REGULATIONS - None

10. HAZARD MITIGATION – Update Given

11. OTHER – Update Given

Johnson J. made the motion, seconded by Saalfeld, that the July LPNNRD Projects Committee Minutes be received and placed on file. Motion carried on consent agenda.

7. ADDITIONAL ACTION ITEMS

a. Water Strategies Representation Agreement

Bailey made the motion, seconded by Birkel, to enter into a representation agreement with Water Strategies, PMRNRD, LPSNRD and LPNNRD, with a monthly retainer fee of $7,200 from August 1, 2025 to July 31, 2026 and $7,500 from August 1, 2026 to July 31, 2027 and authorize General Manager to sign. Motion carried all members present voting aye.

b. HELM Contract

Lawrance made the motion, seconded Seier, to approve an amendment (as attached) with HELM to reestablish our network (internet, phones, security cameras) to the guard shack and education building at a cost of $8,016 with plans to utilize park funds. Motion carried all members present voting aye.

c. Great Plains Appraisal Payment

Johnson J. made the motion, seconded by Lawrence, to approve payment of $1,050 to Great Plains Appraisal for prep/travel/testimony spent on Wahoo Creek Watershed Site 55. Motion carried all members present voting aye.

8. BILLS TO BE APPROVED

Meduna made the motion, seconded by Yosten, 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

Johnson J. made the motion, seconded by Saalfeld, to approve the July Consent. Motion carried all members present voting aye.

Marlin Fujan addressed the Board on various topics.

Item 6.D.5.b.2. - Real Estate – Olsson and Great Plains Appraisal was taken at this time.

Sabatka made the motion, seconded by Birkel, to go into Executive Session at 8:10 p.m. for the purposes of discussing Upper Wahoo Creek Watershed land rights and authorize the following staff to stay: Danielle Allen, Olsson; Legal Counsel Lausterer; Staff: Gottschalk, Elliott, Breunig and Chapman. Motion carried all members present voting aye.

Sabatka made the motion, seconded by Yosten, to go out of executive session at 8:47 p.m. Motion carried all members present voting aye.

Meduna made the motion, seconded by Hanson, to deny Chapek's request for an increased value above the value in the appraisal done by Great Plains Appraisal. Motion carried.

AYE: Bailey, Birkel, Goldsberry, Hanson, Hilger, Johnson D., Johnson J., Lawrence, McKnight, Meduna, Olson, Saalfeld, Saeger, Seier, Yosten, Sabatka
ABSTAIN: Harders

Johnson D. made the motion, seconded by Johnson J., to authorize Legal Counsel to assist Real Estate Acquisition Team in communicating to all landowners with current pending offers in the Wahoo Creek Watershed, that the Board's intention is to proceed with condemnation if needed at the August Board meeting. Motion carried.

AYE: Bailey, Birkel, Goldsberry, Hanson, Hilger, Johnson D., Johnson J., Lawrence, McKnight, Meduna, Olson, Saalfeld, Saeger, Seier, Yosten, Sabatka
ABSTAIN: Harders

McKnight made the motion, seconded by Birkel, to authorize Chair Sabatka to sign purchase agreement on Wahoo Creek Site 84 with the Estate of Richard Cerv. Motion carried all members present voting aye.

10. COMMENTS FROM DIRECTORS/GUESTS

11. MEETING ESTABLISHMENT AND ADJOURNMENT

The August Board of Directors Meeting will be held on Monday, August 11, 2025, 6:00 p.m. Meeting adjourned at 8:52 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 July 14, 2025, 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.

_____

Bill Saeger, Secretary

NRDs 2025 Annual Conference
Tentative Schedule of Events

Nebraska's Natural Resources Districts
www.nrdnet.org
Protecting Lives • Protecting Property • Protecting the Future

Sunday, September 28th

11 a.m. to 6 p.m.	NARD Foundation Ron Bishop Memorial Golf Tournament Meadowlark Hills Golf Course, 3300 30th Ave, Kearney
6-8 p.m.	Pre-Registration, Younes Conference Center – South
7-11 p.m.	NARD President's Reception, compliments of conference vendors Younes Conference Center, Diamond 7-8

Monday, Sept. 29th, Younes Conference Center – South

7:30 a.m.	Registration open – Visit vendor exhibit booths in the Ballroom.
8:30 a.m.	Opening Remarks from NARD President Martin Graff and agency director's.
9:30-10:30 a.m.	General Session
9:30 a.m. to 4 p.m.	NRD Administrator's Committee Meeting
10:45-11:45 a.m.	Breakout Sessions (to be announced)
Noon to 1:30 p.m.	NARD Conservation Awards Luncheon
1:45-2:45 p.m.	Breakout Sessions (to be announced)
3-4:30 p.m.	Business Session
3:15-4:15 p.m.	Breakout Sessions (to be announced)
4:30-6 p.m.	Vendor Reception
6 p.m.	Banquet – Induction into NARD Hall of Fame
Following Banquet	NARD Foundation Silent Auction

Tuesday, Sept. 30th, Younes Conference Center – South

7:45-9:15 a.m.	NRD Basin Meetings
8 a.m.	Registration open. Visit vendor exhibit booths in the Ballroom.
9:30-10:30 a.m.	Breakout Sessions (to be announced)
10:45-11:45 a.m.	Breakout Sessions (to be announced)
Noon to 1:30 p.m.	Luncheon – Years of Service recognized, followed by raffle drawing.
1:30 p.m.	Business Session

3 p.m. or immediately following the Business Session – NARD Board of Directors Meeting

Nebraska's Natural Resources Districts
www.nrdnet.org
Protecting Lives • Protecting Property • Protecting the Future

NRD Annual Conference
Sept. 28-30, 2025 | Younes Conference Center - South, Kearney
Register prior to Sept. 5, 2025, using this form or register online with a payment option at www.nrdnet.org/events

Agency/Business Name _____

Address _____ City, State, Zip _____

Primary Contact _____ E-mail _____

Phone _____ Fax _____

Full Registration	***Number of People***	***Amount***	***Sub-Total***
FULL REGISTRATION (Sept 29-30) (Registration Fee Includes – Monday and Tuesday meeting sessions, Monday Awards Luncheon, Reception and Banquet, Tuesday Luncheon, and Breaks)	_____	x $350 =	$_____
Full Monday Registration **MONDAY ONLY (Sept 29)** (Registration Fee Includes – Monday meeting sessions, Awards Luncheon, Reception, Banquet, and Breaks)	_____	x $275 =	$_____
Special Monday Meeting Registration **SPECIAL MONDAY ONLY: 8:30 am – 4:30 pm (Sept 29)** (Registration Fee Includes – Monday meeting sessions, Awards Luncheon, and Breaks)	_____	x $ 180 =	$_____
Tuesday Registration **TUESDAY ONLY (Sept 30)** (Registration Fee Includes – Tuesday meeting sessions, Luncheon and Break)	_____	x $180 =	$_____
EXTRA MEALS			
Monday Luncheon (Sept 29)	_____	x $ 53 =	$_____
Monday Banquet (Sept 29)	_____	x $ 95 =	$_____
Tuesday Luncheon (Sept 30)	_____	x $ 53 =	$_____
		Total Enclosed	**$ _____**

Please list names, titles and registration selection of individual conference attendees below.

Return to: NARD 8100 S. 15th St. Ste B Lincoln, NE 68512, prior to September 5, 2025.

Cancellation Policy *– Refunds must be in writing and will be accepted with a full refund until 5 p.m. Friday, Sept. 5, 2025.*
A $25 processing fee will be charged for cancellations received between Sept. 6-12, 2025.
No refunds for cancellations received after Sept. 12, 2025.

Name	*Title*	*Full Reg $350*	*Monday Only $275*	*Special Monday $180*	*Tues Only $180*	*X-Monday Lunch Ticket $53*	*X-Monday Banquet Ticket $95*	*X- Tuesday Lunch Ticket $53*

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Nebraska Natural Resources Commission Meeting Report – July 23, 2025
Holiday Inn Hotel & Conference Center, Kearney, NE
Tom Mountford, Lower Platte River Basin (LPRB) Representative

Programs Committee Reports (attachments):

There are six program fund status reports overseen by the Commission. The **Water Sustainability Fund (WSF)** is the primary funding program, where there are fifty-one active projects that have used approximately $41 million of over $78 million of what was originally approved.

Approval of 2025 WSF Applications:

There were 22 project WSF applications submitted in 2025 totaling $24 million. The problem was that there were no approved funds from the general fund this year. In place of the normal $12 – $13 million that has been traditionally available annually for projects, just over $1.5 million was available and that came from the Nebraska Environmental Trust Fund. With the limited resources available, the Commission approved the WFS scoring committee's recommendation to approve two large projects and two small projects. Unfortunately, none of the four approved projects were in the Lower Platte River Basin. The approved projects included: Water Resources Technology Conservation (Lewis & Clark NRD); Fertilizer Application Effects on Nitrate Leaching (Lower Loup NRD); Water Quality Modeling & Update (South Platte NRD); and Otoe County Rural Water District 3 Well Field. At this time it is unknown how much funding with be available for new projects in 2026.

The next Commission meeting is scheduled in September, in conjunction with the NARD Fall Conference. Please contact me if you have any questions.

Respectfully,

Tom Mountford

NATURAL RESOURCES WATER QUALITY FUND (2554)

	Receipts	Interest	Cumulative Total	Payments	Balance
July, 2021	15,311.00	376.26	21,582,055.08		336,207.77
Aug	14,606.00	374.25	21,597,035.33	325,000.00	26,188.02
Sept	8,618.00	213.75	21,605,867.08		35,019.77
Oct	9,542.00	39.93	21,615,449.01		44,601.70
Nov	289,036.00	44.80	21,904,529.81		333,682.50
Dec	343,477.00	168.47	22,248,175.28		677,327.97
Jan, 2022	99,277.00	938.79	22,348,391.07		777,543.76
Feb	107,102.00	842.64	22,456,335.71	825,000.00	60,488.40
Mar	104,593.00	1,086.59	22,562,015.30		166,167.99
Apr	94,630.00	139.96	22,656,785.26		260,937.95
May	38,257.00	234.16	22,695,276.42		299,429.11
June	20,549.00	347.96	22,716,173.38		320,326.07
July	13,049.00	425.75	22,729,648.13		333,800.82
Aug	16,177.00	452.53	22,746,277.66	335,000.00	15,430.35
Sept	7,831.00	519.01	22,754,627.67		23,780.36
Oct	5,402.00	48.66	22,760,078.33		29,231.02
Nov	314,370.00	44.45	23,074,492.78		343,645.47
Dec	292,620.00	274.30	23,367,387.08		636,539.77
Jan, 2023	142,802.00	965.76	23,511,154.84		780,307.53
Feb	94,852.00	1,437.40	23,607,444.24	800,000.00	76,596.93
Mar	128,395.00	1,591.90	23,737,431.14		206,583.83
Apr	94,946.00	324.07	23,832,701.21		301,853.90
May	44,699.00	522.09	23,877,922.30		347,074.99
June	21,457.00	702.67	23,900,081.97		369,234.66
July	19,489.00	750.31	23,920,321.28		389,473.97
Aug	12,497.00	797.04	23,933,615.32	380,000.00	22,768.01
Sept	9,015.00	590.08	23,943,220.40		32,373.09
Oct	7,262.00	63.27	23,950,545.67		39,698.36
Nov	219,124.00	86.11	24,169,755.78		258,908.47
Dec	353,045.00	321.39	24,523,122.17		612,274.86
Jan, 2024	169,119.00	1,210.70	24,693,451.87		782,604.56
Feb	69,260.00	1,917.71	24,764,629.58	780,000.00	73,782.27
Mar	82,595.00	1,089.48	24,848,314.06		157,466.75
Apr	83,171.00	300.26	24,931,785.32		240,938.01
May	47,196.00	-	24,978,981.32		288,134.01
June	20,702.00	522.15	25,000,205.47		309,358.16
July	19,442.00	1,383.58	25,021,031.05		330,183.74
Aug	9,199.00	789.53	25,031,019.58	330,000.00	10,172.27
Sept	5,620.00	739.69	25,037,379.27		16,531.96
Oct	10,414.00	33.90	25,047,827.17		26,979.86
Nov	212,517.00	53.16	25,260,397.33		239,550.02
Dec	227,146.00	292.03	25,487,835.36		466,988.05
Jan, 2025	277,908.00	1,028.65	25,766,772.01		745,924.70
Feb	90,667.00	1,635.87	25,859,074.88		838,227.57
Mar	90,157.00	1,888.46	25,951,120.34		930,273.03
Apr	90,837.00	2,704.77	26,044,662.11	850,000.00	173,814.80
May	46,783.00	2,062.74	26,093,507.85		222,660.54
June	26,543.00	518.97	26,120,569.82		249,722.51
TOTALS	25,865,324.53	255,245.29		25,874,000.00	

Soil and Water Conservation Fund Report

NRD Name	Total Available FY 2024-2025	Expenditures June 2025	Expended To Date	Remaining Balance 30-Jun-25	Percent Expended 30-Jun-25
Upper Big Blue	$90,342.65	$0.00	$35,390.69	$54,951.96	39 %
Lower Big Blue	$91,653.11	$33,799.05	$57,444.89	$34,208.22	63 %
Upper Elkhorn	$148,520.25	$37,037.03	$93,688.05	$54,832.20	63 %
Lower Elkhorn	$311,533.67	$86,640.93	$95,919.69	$215,613.98	31 %
Little Blue	$92,526.75	$16,176.03	$57,313.66	$35,213.09	62 %
Upper Loup	$178,460.51	$2,580.00	$27,001.90	$151,458.61	15 %
Lower Loup	$191,006.55	$41,191.33	$158,839.08	$32,167.47	83 %
Lewis & Clark	$184,967.68	$24,408.18	$97,865.68	$87,102.00	53 %
Papio-Missouri River	$100,298.19	$0.00	$100,298.19		100 %
Nemaha	$111,746.97	$10,229.91	$111,746.97		100 %
Upper Niobrara-White	$125,922.75	$15,207.67	$64,035.22	$61,887.53	51 %
Middle Niobrara	$97,918.66	$3,865.32	$23,440.49	$74,478.17	24 %
Lower Niobrara	$155,454.02	$4,886.28	$73,347.04	$82,106.98	47 %
North Platte	$99,406.72	$0.00	$99,406.72		100 %
South Platte	$110,813.34	$39,880.00	$75,034.13	$35,779.21	68 %
Twin Platte	$58,195.14	$34,810.00	$50,648.00	$7,547.14	87 %
Central Platte	$126,189.76	$2,408.68	$27,114.12	$99,075.64	21 %
Lower Platte North	$149,286.78	$13,285.80	$22,618.12	$126,668.66	15 %
Lower Platte South	$100,717.18	$0.00	$100,717.18		100 %
Upper Republican	$180,980.59	$27,569.88	$90,610.78	$90,369.81	50 %
Middle Republican	$137,096.45	$2,292.18	$2,292.18	$134,804.27	2 %
Lower Republican	$139,825.54	$1,495.00	$49,381.18	$90,444.36	35 %
Tri-Basin	$109,193.52	$12,750.00	$23,138.10	$86,055.42	21 %
	$3,092,056.79	**$410,513.27**	**$1,537,292.06**	**$1,554,764.73**	**50 %**

Soil and Water Conservation Fund

Expenditures by Month 2016-2025

Month	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025
July	230,156	246,731	69,345	226,366	374,897	181,848	287,597	716	30,528
August	203,516	203,852	263,706	124,962	361,535	108,607	37,923	147,705	280,750
September	154,446	216,953	180,002	244,879	195,055	152,411	217,494	60,694	411,107
October	251,920	86,318	194,573	132,123	270,433	88,968	182,571	146,699	161,900
November	61,414	201,126	120,264	55,514	370,513	61,578	428,489	101,043	119,071
December	530,339	175,421	115,429	240,281	261,669	210,658	267,922	97,120	270,808
January	140,403	197,443	192,979	60,276	523,664	246,016	171,956	244,994	429,927
February	122,958	101,559	104,900	185,522	89,064	9,949	23,394	93,508	83,974
March	80,967	81,770	60,350	74,887	71,312	124,746	121,288	29,088	68,012
April	98,135	37,868	8,301	23,994	44,976	184,341	36,884	108,073	75,388
May	134,951	20,708	59,720	87,122	75,446	79,406	232,928	270,486	49,640
June	416,507	358,271	125,953	328,431	273,943	375,797	234,108	405,810	410,513
Total	**2,425,712**	**1,928,020**	**1,495,522**	**1,784,357**	**2,912,504**	**1,824,325**	**2,242,553**	**1,705,936**	**2,391,619**

Water Sustainability Fund Budget Summary Active Projects

Project Number	Grant Year	Grant	Invoices Paid	Remaining Grant	Project Name	Sponsor
4116	2015	$2,900,452.00	$2,900,452.00	$0.00	Omaha CSO Program	City of Omaha
4148	2016	$800,796.00	$800,796.00	$0.00	Omaha CSO Program	City of Omaha
4152	2016	$7,636,698.00	$6,711,709.78	$924,988.22	Lincoln Water System Drought Resillency and Flood Protection	City of Lincoln
5178	2017	$1,073,908.00	$1,073,908.00	$0.00	Omaha CSO Program	City of Omaha
5181	2017	$897,300.00	$0.00	$897,300.00	Platte/Republican Diversion	LRNRD
5205	2018	$1,030,952.00	$1,030,952.00	$0.00	Omaha CSO Program	City of Omaha
5217	2018	$4,735,048.00	$4,735,048.00	$0.00	Papio WP-1 Structure	PMNRD
5220	2018	$250,000.00	$165,375.00	$84,625.00	Phase 2 High Tec Irr Implementation	MRNRD
5221	2018	$375,336.00	$375,336.00	$0.00	Remote Water Monitoring & Efficiency	URNRD

Project Number	Grant Year	Grant	Invoices Paid	Remaining Grant	Project Name	Sponsor
5246	2019	$1,086,503.30	$1,086,503.30	$0.00	Omaha CSO Program	City of Omaha
5247	2019	$1,249,125.00	$477,179.34	$771,945.66	West Point Levee Improvement	Town of West Point
5249	2019	$785,764.80	$475,860.00	$309,904.80	MRNRD Hydrogeologic Mapping	MRNRD
5252	2019	$6,006,000.00	$5,654,691.50	$351,308.50	Blair Water Supply Resiliency	Town of Blair
5253	2019	$5,857,792.00	$1,117,595.56	$4,740,196.44	Deadmans Run Flood Reduction-LPSNRD	LPSNRD
5269	2020	$2,357,672.00	$1,268,494.50	$1,089,177.50	South Platte Canal Restoration	NPPD
5301	2020	$123,840.00	$123,840.00	$0.00	Soil Moisture Probe	URNRD
5308	2021	$1,086,503.30	$1,086,503.30	$0.00	Omaha's CSO Program	City of Omaha
5309	2021	$1,086,503.30	$1,086,503.30	$0.00	Omaha's CSO Program	City of Omaha
5312	2021	$144,000.00	$143,939.33	$60.67	ENWRA GW Recharge Mapping	ENWRA

Project Number	Grant Year	Grant	Invoices Paid	Remaining Grant	Project Name	Sponsor
5315	2021	$1,222,899.17	$835,129.81	$387,769.36	MRNRD Map & Model for Water Balance	MRNRD
5316	2021	$243,000.00	$123,066.88	$119,933.12	Papio's IMP GW Quantity Monitoring	PMNRD
5317	2021	$8,982,946.00	$478,966.93	$8,503,979.07	CNPP&ID Elwood Siphon	CNPPID
5321	2021	$145,000.00	$145,000.00	$0.00	Lincoln Water Supply Arsenic Study	City of Lincoln
5322	2021	$167,553.00	$80,559.83	$86,993.17	UBBNRD Nitrate Accumulation Study	UBBNRD
5323	2021	$894,660.00	$0.00	$894,660.00	MNNRD Bone & Lone Pine Watershed Improvement	MNNRD
10007	2022	$1,086,503.30	$1,086,503.30	$0.00	CSO	City of Omaha
10008	2022	$240,000.00	$210,000.03	$29,999.97	WWUM Outreach Education Portal	SPNRD
10013	2022	$1,788,300.00	$27,000.00	$1,761,300.00	Little Indian Creek WFPO	LBBNRD
10014	2022	$233,100.00	$121,421.65	$111,678.35	LPNNRD's Nitrate Solution	LPNNRD

Project Number	Grant Year	Grant	Invoices Paid	Remaining Grant	Project Name	Sponsor
10020	2022	$165,000.00	$164,964.02	$35.98	LLNRD's Buffalo Co. GW Model	LLNRD
10023	2022	$858,290.00	$0.00	$858,290.00	Sargent Flood Resiliency	LLNRD
10037	2023	$1,086,503.30	$1,086,503.30	$0.00	CSO	City of Omaha
10041	2023	$82,500.00	$52,500.00	$30,000.00	UNW Groundwater Model Update	UNWNRD
10056	2023	$4,898,104.00	$4,258,826.46	$639,277.54	WP 2 & WP 4	PMNRD
10059	2023	$81,892.00	$0.00	$81,892.00	Robotic Camera Inspection System	NPPD
10061	2023	$249,999.00	$249,999.00	$0.00	LBBNRD AEM2	LBBNRD
10064	2023	$163,200.00	$110,550.00	$52,650.00	Nitrate Legacy Assessment	LLNRD
10066	2023	$3,919,500.00	$127,208.97	$3,792,291.03	LBNRD Public Water Project	LBNRD
10070	2023	$250,000.00	$198,895.17	$51,104.83	Lower Platte Basin Sub Regional GW Model	PMNRD

Project Number	Grant Year	Grant	Invoices Paid	Remaining Grant	Project Name	Sponsor
10073	2023	$250,000.00	$250,000.00	$0.00	MUD Water Conservation & Peak Demand Management	MUD
10077	2023	$240,000.00	$240,000.00	$0.00	Producer Connect Nitrogen Water Management Tool	NARD
10079	2023	$152,970.00	$24,076.09	$128,893.91	Bow Creek Watershed Project	LCNRD
10081	2024	$1,086,503.00	$0.00	$1,086,503.00	CSO	City of Omaha
10082	2024	$75,000.00	$0.00	$75,000.00	Lake Babcock Evaluation	Loup Power District
10083	2024	$118,200.00	$0.00	$118,200.00	NPPD Bypass Analysis	NPPD
10084	2024	$145,686.00	$0.00	$145,686.00	Red Cloud Dam Rehab	Village of Red Cloud
10086	2024	$133,706.00	$0.00	$133,706.00	West Knox Rural Water	West Knox Rural Water Boa
10087	2024	$57,780.00	$0.00	$57,780.00	Groundwater Sustainability Study	UBBNRD
10088	2024	$249,999.00	$187,500.00	$62,499.00	LBBNRD AEM 3	LBBNRD

Project Number	Grant Year	Grant	Invoices Paid	Remaining Grant	Project Name	Sponsor
10091	2024	$36,000.00	$0.00	$36,000.00	Burr-Cook Paelovalley	NNRD
10093	2024	$360,000.00	$0.00	$360,000.00	LNNRD Water Use Reduction	LNNRD
10095	2024	$9,129,000.00	$180,840.75	$8,948,159.25	Santee Sioux Water System	Santee Sioux Nation
	Totals	$78,277,987.47	$40,554,199.10	$37,723,788.37		

WATER WELL DECOMMISSIONING CASH FUND (2555)

	Receipts	Interest	Cumulative Total	Allocated to NRDs	Unallocated Balance	Expended	Cumulative Expended	Unexpended Balance
Jan, 2021	6,514.50	24.26	2,355,309.13		(123,162.80)	-	2,326,167.63	29,141.50
Feb	3,268.00	28.66	2,358,605.79		(119,866.14)		2,326,167.63	32,438.16
Mar	2,623.00	37.21	2,361,266.00		(117,205.93)	5,269.94	2,331,437.57	29,828.43
Apr	3,139.00	39.22	2,364,444.22		(114,027.71)	10,868.00	2,342,305.57	22,138.65
May	3,375.50	40.01	2,367,859.73		(110,612.20)	-	2,342,305.57	25,554.16
June	4,942.00	28.11	2,372,829.84		(105,642.09)	11,959.00	2,354,264.57	18,565.27
July	4,364.50	31.21	2,377,225.55	70,000.00	(171,246.38)	16,845.00	2,371,109.57	6,115.98
Aug	5,353.50	21.43	2,382,600.48		(165,871.45)	4,296.09	2,375,405.66	7,194.82
Sept	6,127.50	6.15	2,388,734.13		(159,737.80)	1,032.00	2,376,437.66	12,296.47
Oct	6,944.50	9.74	2,395,688.37		(152,783.56)	-	2,376,437.66	19,250.71
Nov	5,052.50	14.93	2,400,755.80		(147,716.13)	-	2,376,437.66	24,318.14
Dec	4,708.50	22.48	2,405,486.78		(142,985.15)	6,429.00	2,382,866.66	22,620.12
Jan, 2022	6,192.00	36.09	2,411,714.87		(136,757.06)		2,382,866.66	28,848.21
Feb	7,482.00	25.80	2,419,222.67		(129,249.26)	6,234.00	2,389,100.66	30,122.01
Mar	4,039.00	38.67	2,423,300.34		(125,171.59)	6,364.00	2,395,464.66	27,835.68
Apr	4,472.00	34.55	2,427,806.89		(120,665.04)		2,395,464.66	32,342.23
May	4,128.00	31.79	2,431,966.68		(116,505.25)	7,419.76	2,402,884.42	29,082.26
June	4,665.50	37.10	2,436,669.28		(111,802.65)	6,893.65	2,409,778.07	26,891.21
July	1,279.50	39.48	2,437,988.26		(110,483.67)	3,853.31	2,413,631.38	24,356.88
Aug	4,622.50	35.77	2,442,646.53		(105,825.40)	14,756.00	2,428,387.38	14,259.15
Sept	7,611.00	37.34	2,450,294.87		(98,177.06)		2,428,387.38	21,907.49
Oct	6,600.50	29.48	2,456,924.85	65,000.00	(156,547.08)	5,390.00	2,433,777.38	23,147.47
Nov	5,246.00	40.17	2,462,211.02		(151,260.91)		2,433,777.38	28,433.64
Dec	666.50	42.31	2,462,919.83		(150,552.10)		2,433,777.38	29,142.45
Jan, 2023	12,986.00	62.25	2,475,968.08		(137,503.85)		2,433,777.38	42,190.70
Feb	4,665.50	78.17	2,480,711.75		(132,760.18)		2,433,777.38	46,934.37
Mar	5,934.00	81.64	2,486,727.39		(126,744.54)	5,909.00	2,439,686.38	47,041.01
Apr	3,182.00	95.17	2,490,004.56		(123,467.37)	5,259.00	2,444,945.38	45,059.18
May	3,999.00	92.42	2,494,095.98		(119,375.95)	6,264.00	2,451,209.38	42,886.60
June	5,891.00	95.37	2,500,082.35		(113,389.58)	6,355.00	2,457,564.38	42,517.97
July	5,224.50	92.86	2,505,399.71		(108,072.22)	28,415.70	2,485,980.08	19,419.63
Aug	5,547.00	82.18	2,511,028.89	65,000.00	(167,443.04)		2,485,980.08	25,048.81
Sept	7,654.00	52.69	2,518,735.58		(159,736.35)		2,485,980.08	32,755.50
Oct	5,504.00	69.54	2,524,309.12		(154,162.81)		2,485,980.08	38,329.04
Nov	5,676.00	85.36	2,530,070.48		(148,401.45)		2,485,980.08	44,090.40
Dec	6,364.00	92.13	2,536,526.61		(141,945.32)	2,889.00	2,488,869.08	47,657.53
Jan, 2024	5,525.50	115.76	2,542,167.87		(136,304.06)		2,488,869.08	53,298.79
Feb	5,052.50	130.21	2,547,350.58		(131,121.35)		2,488,869.08	58,481.50
Mar	4,665.50	138.83	2,552,154.91		(126,317.02)	10,184.70	2,499,053.78	53,101.13
Apr	6,471.50	152.42	2,558,778.83		(119,693.10)	7,303.00	2,506,356.78	52,422.05
May	6,170.50		2,564,949.33		(113,522.60)		2,506,356.78	58,592.55
June	5,461.00	126.36	2,570,536.69		(107,935.24)	7,700.00	2,514,056.78	56,479.91
July	6,084.50	267.33	2,576,888.52		(101,583.41)	29,282.00	2,543,338.78	33,549.74
Aug	4,988.00	119.18	2,581,995.70		(96,476.23)		2,543,338.78	38,656.92
Sept	4,558.00	82.74	2,586,636.44		(91,835.49)	17,912.09	2,561,250.87	25,385.57
Oct	6,643.50	71.84	2,593,351.78		(85,120.15)		2,561,250.87	32,100.91
Nov	5,160.00	65.06	2,598,576.84		(79,895.09)	750.00	2,562,000.87	36,575.97
Dec	408.50	82.38	2,599,067.72		(79,404.21)		2,562,000.87	37,066.85
Jan, 2025	9,546.00	104.53	2,608,718.25		(69,753.68)	5,424.44	2,567,425.31	41,292.94
Feb	6,235.00	106.85	2,615,060.10		(63,411.83)	8,538.88	2,575,964.19	39,095.91
Mar	4,106.50	100.07	2,619,266.67		(59,205.26)	18,410.88	2,594,375.07	24,891.60
Apr	2,537.00	121.91	2,621,925.58		(56,546.35)		2,594,375.07	27,550.51
May	924.50	54.28	2,622,904.36		(55,567.57)	756.67	2,595,131.74	27,772.62
June	4,149.50	69.77	2,627,123.63		(51,348.30)	2,970.71	2,598,102.45	29,021.18
TOTALS	2,580,858.44	46,265.19				2,598,012.45		

2025 Director Absences
* Approved Absence

January	February	March	April	May	June
Engel	Bailey *		Engel	Johnson, D.	Tonnies (NARD Tour
Johnson, D. *	Birkel^		Johnson, D.	Saalfeld	
	Johnson, D. *		Olson		
	Saalfeld *		Saeger		
	Yosten *				

July	August	September	October	November	December
Engel					
Tonnies					
^ Zoom Attendance					

2024 Director Absences
* Approved Absence

January -Virtual	February	March-Virtual 3/11	March Virtual 3/28	April	May	June
Kavan		Lawrence ^	Saeger ^	Johnson, D. *	Bailey*	Bailey*
		Saalfeld		McKnight*^	Lawrence^	Engel*
		Tnnies ^		Olson	Yosten*	Hilger^
				Saalfeld		Johnson, D.*
				Tonnies*^		Meduna*
				Yosten*		Saeger^*
						Yosten*

July	August	September		October - Virtual	November	December
Sabatka	Engel^	Goldsberry		Birkel^	Meduna	Birkel
	Johnson, D.^			Engel^		Olson
				Johnson, D.		Yosten
				Lawrence^		
				Saeger		
				Tonnies^		
March Declared Zoom Mtg						
^ Zoom Attendance						

2023 Director Absences
* Approved Absence

January	February	March	April	May	June
Saalfeld*	Saalfeld	Olson	Bailey ^	Engel	Meduna
	Saeger *		Birkel	Johnson, D.	Sabatka
	Seier		Seier ^	Kavan	Saeger
				Meduna	
				Sabatka	

July	August	September	October	November	December
Meduna*	Bailey	Johnson, D.	Bailey	Johnson, D.	Goldsberry
McKnight ~*	Birkel	Meduna	Johnson, D.		Kavan
Tonnies	Engel	McKnight #	Kavan		Lawrence
Yosten	Kavan	Olson	Olson #		Thompson
			Yosten		Yosten

^ Bailey and Seier were attending Shell Creek Group Tour

~ McKnight attending GMDA Meeting

Participated via Zoom

Financial Statements and Accountant's Compilation Report

Lower Platte North Natural Resources District

June 30, 2025

HBE

CPAs & Consultants | Wealth Management

HBE 360
Client Accounting & CFO Solutions

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 June 30, 2025, and the related Statements of Activities for the month and year 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.

Lincoln, Nebraska

July XX, 2025

Lower Platte North NRD
Statements of Net Position

	Natural Resources District As of 06/30/2025	Rural Water-Bruno As of 06/30/2025	Rural Water-Colon As of 06/30/2025	All Districts As of 06/30/2025
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	825.00	0.00	0.00	825.00
102001 - Cash - Union Bank	591,296.15	0.00	0.00	591,296.15
103000 - Cash - County Treasurer	39,108.12	0.00	0.00	39,108.12
104000 - Cash - Education Building Res.	11,935.00	0.00	0.00	11,935.00
111100 - Investments - NRD - NPAIT	2,666.23	0.00	0.00	2,666.23
111105 - Union Bank STFIT	2,174,756.45	0.00	0.00	2,174,756.45
Total Cash and Cash Equivalents	2,820,736.95	60.00	90.00	2,820,886.95
Accounts Receivable, Net				
Accounts Receivable				
105000 - Accounts Receivable	1,985,294.97	3,816.60	7,151.24	1,996,262.81
105060 - Due from Bruno Water Fund	192,402.25	0.00	0.00	192,402.25
105070 - Due from Colon Water Fund	2,641.56	0.00	0.00	2,641.56
109000 - Taxes Receivable	1,413,283.06	0.00	0.00	1,413,283.06
Total Accounts Receivable	3,593,621.84	3,816.60	7,151.24	3,604,589.68
Total Accounts Receivable, Net	3,593,621.84	3,816.60	7,151.24	3,604,589.68
Inventory				
165503 - Rural Water Inventory	0.00	6,389.25	9,583.86	15,973.11
Total Inventory	0.00	6,389.25	9,583.86	15,973.11
Prepaid Expenses				
116000 - Prepaid Expenses	57,528.49	0.00	0.00	57,528.49
Total Prepaid Expenses	57,528.49	0.00	0.00	57,528.49
Other Current Assets				
111225 - Investments - Borrow Fund - NPAIT	145,040.91	0.00	0.00	145,040.91
111250 - Investments - Alliance GIS Project	8,672.85	0.00	0.00	8,672.85
111550 - Investments - Elkhorn Breakout	148,374.35	0.00	0.00	148,374.35
111600 - Investments - Wanahoo SRA	594,041.66	0.00	0.00	594,041.66
111650 - Investments - Colon Reserve NPAIT	0.00	0.00	9,743.50	9,743.50
Total Other Current Assets	896,129.77	0.00	9,743.50	905,873.27
Total Current Assets	7,368,017.05	10,265.85	26,568.60	7,404,851.50
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	12,567,272.58	0.00	0.00	12,567,272.58
162000 - Infrastructure	31,475,692.77	0.00	0.00	31,475,692.77
162500 - Land Improvements	623,922.90	0.00	0.00	623,922.90
163000 - Buildings	5,710,259.14	0.00	0.00	5,710,259.14
165000 - Machinery & Equipment	118,302.67	0.00	0.00	118,302.67
165100 - Machinery & Equipment - O & M	709,293.90	0.00	0.00	709,293.90
165200 - Machinery & Equipment - Water	345,887.45	0.00	0.00	345,887.45
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	20,511.18	30,766.78	51,277.96
165507 - Lake Wanahoo Equipment	66,743.35	0.00	0.00	66,743.35
167000 - Auto and Truck	373,215.97	0.00	0.00	373,215.97
169000 - Equipment	5,892.79	0.00	0.00	5,892.79
169100 - Office Equipment	61,776.58	0.00	0.00	61,776.58
169200 - Computer Equipment	87,301.47	0.00	0.00	87,301.47
169300 - GIS Equipment	13,422.53	0.00	0.00	13,422.53

Lower Platte North NRD
Statements of Net Position

	Natural Resources District As of 06/30/2025	Rural Water-Bruno As of 06/30/2025	Rural Water-Colon As of 06/30/2025	All Districts As of 06/30/2025
169400 - Director's Computers	2,903.67	0.00	0.00	2,903.67
169500 - Master Data Base Water	340,295.00	0.00	0.00	340,295.00
169700 - GW Monitoring Equipment	129,185.43	0.00	0.00	129,185.43
Total Fixed Assets	52,845,885.38	746,667.69	1,212,841.83	54,805,394.90
Accumulated Depreciation				
140228 - Accum Depr - Colon Loan Fees	0.00	0.00	854.21	854.21
162900 - Accum Depr - Infra. & Land Imp.	5,024,364.63	0.00	0.00	5,024,364.63
164000 - Accum Depr - Buildings	131,110.34	0.00	0.00	131,110.34
165700 - Accum Depr - Water Line	0.00	156,650.75	299,486.80	456,137.55
166000 - Accum Depr - Machinery & Equipment	640,210.09	14,683.38	22,024.86	676,918.33
168000 - Accum Depr - Auto & Truck	258,028.92	0.00	0.00	258,028.92
169550 - Accum Depr - Master DB Water	135,507.99	0.00	0.00	135,507.99
170000 - Accum Depr - Office Equipment	109,427.53	0.00	0.00	109,427.53
Total Accumulated Depreciation	6,298,649.50	171,334.13	322,365.87	6,792,349.50
Total Property and Equipment	46,547,235.88	575,333.56	890,475.96	48,013,045.40
Total Assets	**$ 53,915,252.93**	**$ 585,599.41**	**$ 917,044.56**	**$ 55,417,896.90**
Liabilities and Fund Balance				
Liabilities				
Current Liabilities				
Accounts Payable				
201000 - Accounts Payable	818,883.08	2,062.71	3,041.86	823,987.65
201100 - Sewer Collections Payable	0.00	0.00	7,900.80	7,900.80
202060 - Due to General Fund	0.00	192,402.25	2,641.56	195,043.81
Total Accounts Payable	818,883.08	194,464.96	13,584.22	1,026,932.26
Accrued Liabilities				
200700 - Colon RW Accrued Interest	0.00	0.00	693.36	693.36
206000 - Accrued Salaries	78,463.03	608.12	912.17	79,983.32
206001 - Accrued Compensated Absences	251,470.81	4,192.66	6,288.99	261,952.46
206002 - Accrued Director Expenses	7,487.06	0.00	0.00	7,487.06
207305 - Lodging Tax Czechland	161.35	0.00	0.00	161.35
207306 - Sales Tax Payable Wanahoo	985.59	0.00	0.00	985.59
207307 - Lodging Tax Wanahoo	895.99	0.00	0.00	895.99
Total Accrued Liabilities	339,463.83	4,800.78	7,894.52	352,159.13
Other Current Liabilities				
204000 - Deposits	0.00	400.00	3,600.00	4,000.00
204500 - Deferred Income	45,190.44	0.00	0.00	45,190.44
204600 - Education Building Deposits	12,385.00	0.00	0.00	12,385.00
207300 - Sales Tax Payable	239.40	120.95	175.20	535.55
207304 - Sales Tax Payable Czechland	163.31	0.00	0.00	163.31
231000 - Permits Liability - DEE	229.00	0.00	0.00	229.00
Total Other Current Liabilities	58,207.15	520.95	3,775.20	62,503.30
Total Current Liabilities	1,216,554.06	199,786.69	25,253.94	1,441,594.69
Long Term Liabilities				
Note Payable - Long Term				
200600 - Note Payable - Colon Rural Water	0.00	0.00	21,330.94	21,330.94
Total Long Term Note Payable	0.00	0.00	21,330.94	21,330.94
Total Long Term Liabilities	0.00	0.00	21,330.94	21,330.94
Total Liabilities	1,216,554.06	199,786.69	46,584.88	1,462,925.63
Fund Balances				

Lower Platte North NRD
Statements of Net Position

	Natural Resources District As of 06/30/2025	Rural Water-Bruno As of 06/30/2025	Rural Water-Colon As of 06/30/2025	All Districts As of 06/30/2025
Net Assets				
Net Assets - Not Designated	43,780,881.12	384,036.71	872,725.32	45,037,643.15
Net Assets - Designated				
12 - Districtwide Flood Reduction	3,000,000.00	0.00	0.00	3,000,000.00
8 - Farm Bill Tech Assistance	125,191.00	0.00	0.00	125,191.00
10 - Groundwater Sinking	100,000.00	0.00	0.00	100,000.00
4 - Intergov'tl Emergency Repair	100,000.00	0.00	0.00	100,000.00
13 - Joint Water Mgmt E Fremont	440,000.00	0.00	0.00	440,000.00
11 - Large Structure O&M	200,000.00	0.00	0.00	200,000.00
5 - Project Op and Maintenance	100,000.00	0.00	0.00	100,000.00
6 - Shell Creek Land Treatment	100,000.00	0.00	0.00	100,000.00
7 - Water Studies	30,000.00	0.00	0.00	30,000.00
Total Net Assets - Designated	4,195,191.00	0.00	0.00	4,195,191.00
Total Net Assets	47,976,072.12	384,036.71	872,725.32	49,232,834.15
Change in Net Position	4,722,626.75	1,776.01	(2,265.64)	4,722,137.12
Total Fund Balances	52,698,698.87	385,812.72	870,459.68	53,954,971.27
Total Liabilities and Fund Balance	**$ 53,915,252.93**	**$ 585,599.41**	**$ 917,044.56**	**$ 55,417,896.90**

Lower Platte North NRD
Statements of Activities
For the Month Ended

	Natural Resources District Month Ending 06/30/2025	Rural Water-Bruno Month Ending 06/30/2025	Rural Water-Colon Month Ending 06/30/2025	All Districts Month Ending 06/30/2025
Income				
Federal Income				
303206 - Wahoo Creek 319 Grant	0.00	0.00	0.00	0.00
303207 - Shell Creek 319 Grant	7,363.25	0.00	0.00	7,363.25
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	0.00	0.00	0.00	0.00
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	17,100.00	0.00	0.00	17,100.00
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	137,316.11	0.00	0.00	137,316.11
303963 - FEMA - 428 Funds	0.00	0.00	0.00	0.00
303964 - Federal - NRCS	9,876.01	0.00	0.00	9,876.01
303965 - Federal Wanahoo - Stilling	0.00	0.00	0.00	0.00
303967 - SWP - NWQI	0.00	0.00	0.00	0.00
Total Federal Income	**$ 171,655.37**	**$ 0.00**	**$ 0.00**	**$ 171,655.37**
State Income				
301203 - Motor Vehicle Pro-Rate	1,561.52	0.00	0.00	1,561.52
301309 - Water Sustainability Fund	6,792.00	0.00	0.00	6,792.00
301310 - Shell Creek NET	1,453.28	0.00	0.00	1,453.28
301325 - JEDI Funding	1,278,881.24	0.00	0.00	1,278,881.24
304100 - Lake Wanahoo - Other	495.50	0.00	0.00	495.50
Total State Income	**1,289,183.54**	**0.00**	**0.00**	**1,289,183.54**
Local Income				
304105 - Education Building Rent	1,200.00	0.00	0.00	1,200.00
304112 - Dirt Sales - Wanahoo	502.84	0.00	0.00	502.84
Total Local Income	**1,702.84**	**0.00**	**0.00**	**1,702.84**
Rural Water Income				
304240 - Water Sales	0.00	3,861.75	4,447.05	8,308.80
304295 - Colon Sewer Fees	0.00	0.00	2,633.60	2,633.60
304261 - Other Revenue	0.00	3.20	96.16	99.36
Total Rural Water Income	**0.00**	**3,864.95**	**7,176.81**	**11,041.76**
Property Tax Income				
305100 - General Fund Property Taxes-Boone	(202.23)	0.00	0.00	(202.23)
305200 - General Fund Property Taxes-Butler	(836.57)	0.00	0.00	(836.57)
305300 - General Fund Property Taxes-Colfax	(1,037.48)	0.00	0.00	(1,037.48)
305400 - General Fund Property Taxes-Dodge	(5,648.50)	0.00	0.00	(5,648.50)
305500 - General Fund Property Taxes-Madison	(178.97)	0.00	0.00	(178.97)
305600 - General Fund Property Taxes-Platte	(384.89)	0.00	0.00	(384.89)
305700 - General Fund Property Taxes-Saunders	(4,220.03)	0.00	0.00	(4,220.03)
Total Property Tax Income	**(12,508.67)**	**0.00**	**0.00**	**(12,508.67)**
Investment Income				
311350 - Interest - NPAIT Elkhorn	514.41	0.00	0.00	514.41
311400 - Interest - NPAIT Wanahoo SRA	2,059.61	0.00	0.00	2,059.61
311500 - Interest - NPAIT NRD	9.30	0.00	0.00	9.30
311600 - Interest - STFIT NRD	7,790.48	0.00	0.00	7,790.48
311700 - Interest - UBT NRD	71.66	0.00	0.00	71.66
304350 - Colon RW Interest - NPAIT	0.00	0.00	33.77	33.77
Total Investment Income	**10,445.46**	**0.00**	**33.77**	**10,479.23**
Miscellaneous Income				
309100 - Sales - Trees	1,923.75	0.00	0.00	1,923.75
309350 - Sales - Well Permits	50.00	0.00	0.00	50.00
309360 - Sales - Sample Kits	730.00	0.00	0.00	730.00
309400 - Sales - Other	225.00	0.00	0.00	225.00
309500 - Equipment Rent	20.00	0.00	0.00	20.00
310000 - Chemigation Permits	10,857.00	0.00	0.00	10,857.00
310100 - Check Valve Sales	1,228.94	0.00	0.00	1,228.94
310200 - Czechland Camping Fees	1,417.36	0.00	0.00	1,417.36
310201 - Wanahoo Park Permits	8,089.00	0.00	0.00	8,089.00
310202 - Lake Wanahoo Camping	17,152.82	0.00	0.00	17,152.82
312000 - Salaries-Other NRD	104,101.42	0.00	0.00	104,101.42
313000 - Miscellaneous Income	782.76	0.00	0.00	782.76

Lower Platte North NRD
Statements of Activities
For the Month Ended

	Natural Resources District Month Ending 06/30/2025	Rural Water-Bruno Month Ending 06/30/2025	Rural Water-Colon Month Ending 06/30/2025	All Districts Month Ending 06/30/2025
315000 - RWD Administrative Fees	415.44	0.00	0.00	415.44
316000 - Employee/Director Reimb	(384.42)	0.00	0.00	(384.42)
317000 - Loss Or Gain On Sale Of Assets	336,277.81	0.00	0.00	336,277.81
Total Miscellaneous Income	**482,886.88**	**0.00**	**0.00**	**482,886.88**
Total Income	**1,943,365.42**	**3,864.95**	**7,210.58**	**1,954,440.95**
Expenses				
Administration Expenses				
Dues & Membership				
410201 - Dues & Membership - Chamber	125.00	0.00	0.00	125.00
410202 - Dues & Membership - NACD	148.00	0.00	0.00	148.00
410203 - Dues - NARD	2,768.95	0.00	0.00	2,768.95
410205 - Dues & Membership - Other	(125.00)	0.00	0.00	(125.00)
Total Dues & Membership	**2,916.95**	**0.00**	**0.00**	**2,916.95**
Fees and Licenses				
410304 - NRD Union Bank Fees	45.52	0.00	0.00	45.52
Total Fees and Licenses	**45.52**	**0.00**	**0.00**	**45.52**
Insurance				
410501 - Insurance-Auto	1,146.33	0.00	0.00	1,146.33
410502 - Insurance-Errors & Omissions	479.25	0.00	0.00	479.25
410504 - Insurance-Liability	5,849.60	0.00	0.00	5,849.60
410505 - Insurance-Property	2,667.67	0.00	0.00	2,667.67
Total Insurance	**10,142.85**	**0.00**	**0.00**	**10,142.85**
Interest Expense				
410600 - Interest Expense	0.00	0.00	77.04	77.04
Total Interest Expense	**0.00**	**0.00**	**77.04**	**77.04**
Legal Notices				
410701 - Legal Notices	79.27	0.00	0.00	79.27
Total Legal Notices	**79.27**	**0.00**	**0.00**	**79.27**
Maintenance Contracts				
410800 - Maintenance Contracts	1,437.59	0.00	0.00	1,437.59
Total Maintenance Contracts	**1,437.59**	**0.00**	**0.00**	**1,437.59**
Office Supply & Expense				
410902 - Office Supplies & Equip	502.62	0.00	0.00	502.62
Total Office Supply & Expense	**502.62**	**0.00**	**0.00**	**502.62**
Computer Supply & Expense				
411002 - Computer Consultant	3,049.25	0.00	0.00	3,049.25
411004 - Computer Software	1,385.43	0.00	0.00	1,385.43
411006 - Email	414.00	0.00	0.00	414.00
411011 - Computers & Equipment	4,392.00	0.00	0.00	4,392.00
411012 - Website Design & Hosting	300.00	0.00	0.00	300.00
Total Computer Supply & Expense	**9,540.68**	**0.00**	**0.00**	**9,540.68**
Postage				
411200 - Postage	1,149.15	0.00	0.00	1,149.15
Total Postage	**1,149.15**	**0.00**	**0.00**	**1,149.15**
Professional Services				
411301 - Prof Serv-Accounting	7,700.00	0.00	0.00	7,700.00
411304 - Prof Serv-Legal - General	2,432.00	0.00	0.00	2,432.00
411311 - Washington Expense	4,600.00	0.00	0.00	4,600.00
Total Professional Services	**14,732.00**	**0.00**	**0.00**	**14,732.00**
Rent Expense				
411400 - Rent Expense	284.22	0.00	0.00	284.22
Total Rent Expense	**284.22**	**0.00**	**0.00**	**284.22**
Telephone Expense				
411601 - Telephone - Cellular	966.58	0.00	0.00	966.58
411602 - Local Phone & Internet	1,720.47	0.00	0.00	1,720.47
Total Telephone Expense	**2,687.05**	**0.00**	**0.00**	**2,687.05**
Utilities				
411700 - Utilities Expense	769.84	0.00	0.00	769.84
Total Utilities	**769.84**	**0.00**	**0.00**	**769.84**
Total Administration Expenses	**44,287.74**	**0.00**	**77.04**	**44,364.78**
Information & Education Expenses				
Education				
420106 - Miscellaneous Education Expense	84.25	0.00	0.00	84.25

Lower Platte North NRD
Statements of Activities
For the Month Ended

	Natural Resources District Month Ending 06/30/2025	Rural Water-Bruno Month Ending 06/30/2025	Rural Water-Colon Month Ending 06/30/2025	All Districts Month Ending 06/30/2025
420109 - Education Outreach	357.18	0.00	0.00	357.18
Total Education	**441.43**	**0.00**	**0.00**	**441.43**
Information				
420203 - Expositions And Display	1,000.00	0.00	0.00	1,000.00
420205 - Phrography, Cameras, Video	199.96	0.00	0.00	199.96
420208 - Miscellaneous	(7.00)	0.00	0.00	(7.00)
420209 - Ktic Ad	240.00	0.00	0.00	240.00
420211 - E-Ads	280.00	0.00	0.00	280.00
Total Information	**1,712.96**	**0.00**	**0.00**	**1,712.96**
Other				
420401 - Art Supplies	10.16	0.00	0.00	10.16
Total Other	**10.16**	**0.00**	**0.00**	**10.16**
Total Information & Education Expenses	**2,164.55**	**0.00**	**0.00**	**2,164.55**
Operation & Maintenance				
Auto and Truck				
430101 - Auto & Truck Gas	1,178.29	0.00	0.00	1,178.29
430102 - Auto & Truck R&M	275.11	0.00	0.00	275.11
Total Auto and Truck	**1,453.40**	**0.00**	**0.00**	**1,453.40**
Building Maintenance				
430201 - Bldg Maintenance	1,909.96	0.00	0.00	1,909.96
430203 - Garbage Maintenance	101.72	0.00	0.00	101.72
Total Building Maintenance	**2,011.68**	**0.00**	**0.00**	**2,011.68**
Operation and Maintenance				
430401 - Czechland & Homestead	604.93	0.00	0.00	604.93
430402 - Equipment Upkeep	296.97	0.00	0.00	296.97
430403 - Operation & Maintenance	160.20	0.00	0.00	160.20
430404 - Tree Supplies	15.98	0.00	0.00	15.98
430406 - Wanahoo Park Operation	1,224.87	0.00	0.00	1,224.87
430408 - Wanahoo Rec Mgmt	8,625.04	0.00	0.00	8,625.04
430409 - Lake Wanahoo Education Building	351.68	0.00	0.00	351.68
Total Operation and Maintenance	**11,279.67**	**0.00**	**0.00**	**11,279.67**
Steam Bank Stabilization				
430602 - Stream Bank - Platte/Elkhorn Rivers	3,000.00	0.00	0.00	3,000.00
Total Steam Bank Stabilization	**3,000.00**	**0.00**	**0.00**	**3,000.00**
Other				
430802 - Stock For Resale - Trees	9,080.58	0.00	0.00	9,080.58
430804 - O&M One-Call Services	6.01	0.00	0.00	6.01
Total Other	**9,086.59**	**0.00**	**0.00**	**9,086.59**
Total Operation & Maintenance	**26,831.34**	**0.00**	**0.00**	**26,831.34**
Personnel Expenses				
Director Expense				
440101 - Director Meeting Expense	1,316.00	0.00	0.00	1,316.00
440102 - Director Mileage Expense	4,179.70	0.00	0.00	4,179.70
440104 - Computer Stipend	1,275.00	0.00	0.00	1,275.00
Total Director Expense	**6,770.70**	**0.00**	**0.00**	**6,770.70**
Director Per Diem				
440200 - Director Per Diem	6,955.00	0.00	0.00	6,955.00
Total Director Per Diem	**6,955.00**	**0.00**	**0.00**	**6,955.00**
Employee Benefits				
440301 - Dental Insurance	1,815.39	0.00	0.00	1,815.39
440302 - Health Insurance	31,715.21	0.00	0.00	31,715.21
440303 - Retirement Benefit - 414H	10,755.07	0.00	0.00	10,755.07
440304 - Retirement Benefit - 457 Plan	617.82	0.00	0.00	617.82
440306 - Workmans Comp Benefit	1,937.33	0.00	0.00	1,937.33
440307 - Employee Benefits - Other	(30.52)	0.00	0.00	(30.52)
440309 - Flexible Spending Fee	48.00	0.00	0.00	48.00
440312 - Accrued Compensated Absences	26,738.94	0.00	0.00	26,738.94
Total Employee Benefits	**73,597.24**	**0.00**	**0.00**	**73,597.24**
Payroll Taxes				
440401 - FICA - ER	11,504.60	0.00	0.00	11,504.60
440402 - Medicare - ER	2,690.59	0.00	0.00	2,690.59
Total Payroll Taxes	**14,195.19**	**0.00**	**0.00**	**14,195.19**
Personnel Expense				
440501 - Personnel Meeting Exp	2,009.28	0.00	0.00	2,009.28

Lower Platte North NRD
Statements of Activities
For the Month Ended

	Natural Resources District Month Ending 06/30/2025	Rural Water-Bruno Month Ending 06/30/2025	Rural Water-Colon Month Ending 06/30/2025	All Districts Month Ending 06/30/2025
440502 - Personnel Mileage Exp	53.20	0.00	0.00	53.20
440504 - Personnel Uniform Exp	54.99	0.00	0.00	54.99
Total Personnel Expense	**2,117.47**	**0.00**	**0.00**	**2,117.47**
Salaries				
440601 - Salaries - Administration	32,183.97	0.00	0.00	32,183.97
440602 - Salaries - Clerical	3,782.89	0.00	0.00	3,782.89
440604 - Salaries - I & E	14,196.52	0.00	0.00	14,196.52
440605 - Salaries - Op & Maint	29,122.80	0.00	0.00	29,122.80
440606 - NRCS Support	22,429.80	0.00	0.00	22,429.80
440607 - Salaries - Projects	12,808.78	0.00	0.00	12,808.78
440608 - Salaries - Water	52,070.05	0.00	0.00	52,070.05
440616 - Lake Wanhoo Park Op.	22,121.78	0.00	0.00	22,121.78
Total Salaries	**188,716.59**	**0.00**	**0.00**	**188,716.59**
Total Personnel Expenses	**292,352.19**	**0.00**	**0.00**	**292,352.19**
Projects Expenses				
Inter-Governmental				
450123 - Hazard Mitigation Update	22,800.00	0.00	0.00	22,800.00
Total Inter-Governmental	**22,800.00**	**0.00**	**0.00**	**22,800.00**
Total Projects Expenses	**22,800.00**	**0.00**	**0.00**	**22,800.00**
Water Expenses				
Groundwater Management Plan				
460110 - Basin Wide Water Plan	2,000.00	0.00	0.00	2,000.00
Total Groundwater Management Plan	**2,000.00**	**0.00**	**0.00**	**2,000.00**
Groundwater Programs				
460201 - Decommissioned Wells	744.09	0.00	0.00	744.09
460204 - GW Quality Program	718.58	0.00	0.00	718.58
460206 - Monitoring Wells	145.39	0.00	0.00	145.39
460209 - Groundwater Programs Other	2,514.60	0.00	0.00	2,514.60
Total Groundwater Programs	**4,122.66**	**0.00**	**0.00**	**4,122.66**
Regulatory				
460301 - Chemigation	499.91	0.00	0.00	499.91
Total Regulatory	**499.91**	**0.00**	**0.00**	**499.91**
Special Projects				
460503 - Special Projects - Other	36,955.72	0.00	0.00	36,955.72
460504 - ENWRA	2,500.00	0.00	0.00	2,500.00
460519 - Hydrological Study	11,320.00	0.00	0.00	11,320.00
Total Special Projects	**50,775.72**	**0.00**	**0.00**	**50,775.72**
Land Treatment				
450803 - Shell Creek Watershed Plan 319	9,742.32	0.00	0.00	9,742.32
Total Land Treatment	**9,742.32**	**0.00**	**0.00**	**9,742.32**
Total Water Expenses	**67,140.61**	**0.00**	**0.00**	**67,140.61**
Rural Water District Expenses				
570201 - Water Purchase	0.00	1,931.05	1,552.31	3,483.36
570204 - Testing	0.00	30.00	30.00	60.00
570207 - Other Expenses	0.00	0.00	875.77	875.77
570208 - Lpnnrd Adm. Fee	0.00	193.09	222.35	415.44
570210 - Health/Life/Vision/LTD - ER	0.00	202.67	304.00	506.67
570211 - Dental - ER	0.00	21.72	32.59	54.31
570212 - 414H ER Contributions	0.00	59.01	88.52	147.53
570215 - ER Social Security Tax	0.00	142.74	209.57	352.31
570216 - ER Medicare Tax	0.00	33.38	49.01	82.39
570217 - Salaries	0.00	794.57	1,265.22	2,059.79
570219 - Fees And Licenses	0.00	17.13	25.68	42.81
570220 - Rural Water One-Call	0.00	8.59	(357.42)	(348.83)
570221 - Rural Water Hand Tools & Supplies	0.00	180.04	270.07	450.11
570224 - Rural Water Personnel Meeting	0.00	32.00	408.00	440.00
570232 - Rural Water Compensated Absences	0.00	861.59	1,292.39	2,153.98
570308 - Colon Meter House Expense	0.00	0.00	81.78	81.78
570309 - Colon Sewer Collections	0.00	0.00	2,633.60	2,633.60
Total Rural Water District Expenses	**0.00**	**4,507.58**	**8,983.44**	**13,491.02**
Capital Expenditures - Small Items				
412000 - New Office Building Expenses	3,500.00	0.00	0.00	3,500.00
Total Capital Expenditures - Small Items	**3,500.00**	**0.00**	**0.00**	**3,500.00**
Depreciation Expense				
Depreciation				

Lower Platte North NRD
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	Natural Resources District Month Ending 06/30/2025	Rural Water-Bruno Month Ending 06/30/2025	Rural Water-Colon Month Ending 06/30/2025	All Districts Month Ending 06/30/2025
908000 - Depreciation Expense	74,101.15	677.91	1,432.90	76,211.96
908350 - Amortization Expense - Colon	0.00	0.00	4.19	4.19
Total Depreciation	**74,101.15**	**677.91**	**1,437.09**	**76,216.15**
Total Depreciation Expense	**74,101.15**	**677.91**	**1,437.09**	**76,216.15**
Total Expenses	**533,177.58**	**5,185.49**	**10,497.57**	**548,860.64**
Total Change in Net Position	**$ 1,410,187.84**	**$ (1,320.54)**	**$ (3,286.99)**	**$ 1,405,580.31**

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	Natural Resources District Year To Date 06/30/2025	Rural Water-Bruno Year To Date 06/30/2025	Rural Water-Colon Year To Date 06/30/2025	All Districts Year To Date 06/30/2025
Income				
Federal Income				
303206 - Wahoo Creek 319 Grant	0.00	0.00	0.00	0.00
303207 - Shell Creek 319 Grant	69,472.44	0.00	0.00	69,472.44
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	91,146.44	0.00	0.00	91,146.44
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	155,694.78	0.00	0.00	155,694.78
303961 - FEMA - Flood Funds	241,602.07	0.00	0.00	241,602.07
303966 - FEMA - Hazard Mitigation Plan Update	0.00	0.00	0.00	0.00
303962 - NEMA - Flood Funds	177,727.20	0.00	0.00	177,727.20
303963 - FEMA - 428 Funds	402,633.10	0.00	0.00	402,633.10
303964 - Federal - NRCS	61,664.71	0.00	0.00	61,664.71
303965 - Federal Wanahoo - Stilling	0.00	0.00	0.00	0.00
303967 - SWP - NWQI	4,691.22	0.00	0.00	4,691.22
Total Federal Income	**$ 1,204,631.96**	**$ 0.00**	**$ 0.00**	**$ 1,204,631.96**
State Income				
301201 - Natural Resources WQ Fund	47,816.49	0.00	0.00	47,816.49
301203 - Motor Vehicle Pro-Rate	8,104.24	0.00	0.00	8,104.24
301309 - Water Sustainability Fund	54,192.00	0.00	0.00	54,192.00
301310 - Shell Creek NET	86,506.03	0.00	0.00	86,506.03
301315 - WSF and EA Application	(3,168.00)	0.00	0.00	(3,168.00)
301325 - JEDI Funding	3,163,652.76	0.00	0.00	3,163,652.76
301900 - State Grant - NE Buffer Strip	51,771.76	0.00	0.00	51,771.76
304100 - Lake Wanahoo - Other	23,407.97	0.00	0.00	23,407.97
Total State Income	**3,432,283.25**	**0.00**	**0.00**	**3,432,283.25**
Local Income				
304105 - Education Building Rent	17,320.00	0.00	0.00	17,320.00
304112 - Dirt Sales - Wanahoo	10,327.59	0.00	0.00	10,327.59
304150 - Lake Wanahoo SRA G&P/NRD	225.00	0.00	0.00	225.00
304400 - Flow Meter Maint. Reimb.	(90.00)	0.00	0.00	(90.00)
304500 - JWMAB	23,288.25	0.00	0.00	23,288.25
Total Local Income	**51,070.84**	**0.00**	**0.00**	**51,070.84**
Rural Water Income				
304240 - Water Sales	0.00	54,906.00	54,401.20	109,307.20
304275 - Colon Hook Up Fees	0.00	0.00	3,000.00	3,000.00
304295 - Colon Sewer Fees	0.00	0.00	32,179.95	32,179.95
304261 - Other Revenue	3,000.00	690.53	1,091.63	4,782.16
Total Rural Water Income	**3,000.00**	**55,596.53**	**90,672.78**	**149,269.31**
Property Tax Income				
305100 - General Fund Property Taxes-Boone	129,446.68	0.00	0.00	129,446.68
305200 - General Fund Property Taxes-Butler	383,716.48	0.00	0.00	383,716.48
305300 - General Fund Property Taxes-Colfax	326,380.10	0.00	0.00	326,380.10
305400 - General Fund Property Taxes-Dodge	1,175,097.86	0.00	0.00	1,175,097.86
305500 - General Fund Property Taxes-Madison	54,300.09	0.00	0.00	54,300.09
305600 - General Fund Property Taxes-Platte	473,740.27	0.00	0.00	473,740.27
305700 - General Fund Property Taxes-Saunders	1,267,888.48	0.00	0.00	1,267,888.48
Total Property Tax Income	**3,810,569.96**	**0.00**	**0.00**	**3,810,569.96**
Investment Income				
311350 - Interest - NPAIT Elkhorn	6,713.54	0.00	0.00	6,713.54
311400 - Interest - NPAIT Wanahoo SRA	27,613.56	0.00	0.00	27,613.56
311500 - Interest - NPAIT NRD	120.70	0.00	0.00	120.70
311600 - Interest - STFIT NRD	182,301.71	0.00	0.00	182,301.71
311700 - Interest - UBT NRD	815.64	0.00	0.00	815.64
304350 - Colon RW Interest - NPAIT	0.00	0.00	440.83	440.83
Total Investment Income	**217,565.15**	**0.00**	**440.83**	**218,005.98**
Miscellaneous Income				
309100 - Sales - Trees	15,971.50	0.00	0.00	15,971.50
309350 - Sales - Well Permits	1,450.00	0.00	0.00	1,450.00
309360 - Sales - Sample Kits	4,146.00	0.00	0.00	4,146.00
309400 - Sales - Other	1,725.00	0.00	0.00	1,725.00
309500 - Equipment Rent	6,190.20	0.00	0.00	6,190.20

Lower Platte North NRD
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	Natural Resources District Year To Date 06/30/2025	Rural Water-Bruno Year To Date 06/30/2025	Rural Water-Colon Year To Date 06/30/2025	All Districts Year To Date 06/30/2025
310000 - Chemigation Permits	22,668.00	0.00	0.00	22,668.00
310100 - Check Valve Sales	1,706.34	0.00	0.00	1,706.34
310200 - Czechland Camping Fees	11,691.01	0.00	0.00	11,691.01
310201 - Wanahoo Park Permits	62,262.57	0.00	0.00	62,262.57
310202 - Lake Wanahoo Camping	108,718.42	0.00	0.00	108,718.42
312000 - Salaries-Other NRD	104,101.42	0.00	0.00	104,101.42
313000 - Miscellaneous Income	9,717.98	0.00	0.00	9,717.98
315000 - RWD Administrative Fees	5,465.38	0.00	0.00	5,465.38
316000 - Employee/Director Reimb	914.68	0.00	0.00	914.68
317000 - Loss Or Gain On Sale Of Assets	392,561.51	0.00	0.00	392,561.51
318000 - Special Project Income	27,489.00	0.00	0.00	27,489.00
Total Miscellaneous Income	**776,779.01**	**0.00**	**0.00**	**776,779.01**
Total Income	**9,495,900.17**	**55,596.53**	**91,113.61**	**9,642,610.31**
Expenses				
Administration Expenses				
Bonds				
410100 - Bonds	1,388.00	0.00	0.00	1,388.00
Total Bonds	**1,388.00**	**0.00**	**0.00**	**1,388.00**
Dues & Membership				
410201 - Dues & Membership - Chamber	275.00	0.00	0.00	275.00
410202 - Dues & Membership - NACD	1,776.00	0.00	0.00	1,776.00
410203 - Dues - NARD	33,173.10	0.00	0.00	33,173.10
410204 - Dues - NWRA	1,950.00	0.00	0.00	1,950.00
410205 - Dues & Membership - Other	1,753.00	0.00	0.00	1,753.00
Total Dues & Membership	**38,927.10**	**0.00**	**0.00**	**38,927.10**
Fees and Licenses				
410302 - NRD Fees And Licenses	48,033.61	0.00	0.00	48,033.61
410304 - NRD Union Bank Fees	572.30	0.00	0.00	572.30
Total Fees and Licenses	**48,605.91**	**0.00**	**0.00**	**48,605.91**
Insurance				
410501 - Insurance-Auto	13,570.23	0.00	0.00	13,570.23
410502 - Insurance-Errors & Omissions	5,927.49	0.00	0.00	5,927.49
410504 - Insurance-Liability	68,657.40	0.00	0.00	68,657.40
410505 - Insurance-Property	30,991.54	0.00	0.00	30,991.54
Total Insurance	**119,146.66**	**0.00**	**0.00**	**119,146.66**
Interest Expense				
410600 - Interest Expense	0.00	0.00	930.05	930.05
Total Interest Expense	**0.00**	**0.00**	**930.05**	**930.05**
Legal Notices				
410701 - Legal Notices	2,602.19	0.00	0.00	2,602.19
Total Legal Notices	**2,602.19**	**0.00**	**0.00**	**2,602.19**
Maintenance Contracts				
410800 - Maintenance Contracts	5,755.46	0.00	0.00	5,755.46
Total Maintenance Contracts	**5,755.46**	**0.00**	**0.00**	**5,755.46**
Office Supply & Expense				
410901 - Copier Supplies	550.90	0.00	0.00	550.90
410902 - Office Supplies & Equip	1,998.10	0.00	0.00	1,998.10
410903 - Franklin Supplies	217.42	0.00	0.00	217.42
410904 - Letterhead, Envelopes & Forms	288.54	0.00	0.00	288.54
410905 - Reference Books	871.98	0.00	0.00	871.98
410906 - Office Expense - Other	1,997.31	0.00	0.00	1,997.31
Total Office Supply & Expense	**5,924.25**	**0.00**	**0.00**	**5,924.25**
Computer Supply & Expense				
411002 - Computer Consultant	14,926.85	0.00	0.00	14,926.85
411003 - Computer Repairs & Parts	404.31	0.00	0.00	404.31
411004 - Computer Software	7,437.68	0.00	0.00	7,437.68
411006 - Email	4,968.00	0.00	0.00	4,968.00
411011 - Computers & Equipment	7,062.82	0.00	0.00	7,062.82
411012 - Website Design & Hosting	300.00	0.00	0.00	300.00
Total Computer Supply & Expense	**35,099.66**	**0.00**	**0.00**	**35,099.66**
Postage				
411200 - Postage	7,284.42	0.00	0.00	7,284.42
Total Postage	**7,284.42**	**0.00**	**0.00**	**7,284.42**
Professional Services				

Lower Platte North NRD
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	Natural Resources District Year To Date 06/30/2025	Rural Water-Bruno Year To Date 06/30/2025	Rural Water-Colon Year To Date 06/30/2025	All Districts Year To Date 06/30/2025
411301 - Prof Serv-Accounting	92,474.73	0.00	0.00	92,474.73
411302 - Prof Serv-Annual Audit	14,900.00	0.00	0.00	14,900.00
411304 - Prof Serv-Legal - General	14,796.40	0.00	0.00	14,796.40
411307 - Prof Services-Other	3,600.00	0.00	0.00	3,600.00
411311 - Washington Expense	27,400.00	0.00	0.00	27,400.00
Total Professional Services	**153,171.13**	**0.00**	**0.00**	**153,171.13**
Rent Expense				
411400 - Rent Expense	1,392.26	0.00	0.00	1,392.26
Total Rent Expense	**1,392.26**	**0.00**	**0.00**	**1,392.26**
Support to Organizations				
411502 - R C & D Organizations	4,640.47	0.00	0.00	4,640.47
Total Support to Organizations	**4,640.47**	**0.00**	**0.00**	**4,640.47**
Telephone Expense				
411601 - Telephone - Cellular	11,142.20	0.00	0.00	11,142.20
411602 - Local Phone & Internet	10,503.59	0.00	0.00	10,503.59
Total Telephone Expense	**21,645.79**	**0.00**	**0.00**	**21,645.79**
Utilities				
411700 - Utilities Expense	8,779.06	0.00	0.00	8,779.06
Total Utilities	**8,779.06**	**0.00**	**0.00**	**8,779.06**
Total Administration Expenses	**454,362.36**	**0.00**	**930.05**	**455,292.41**
Information & Education Expenses				
Education				
420103 - Land & Range Judging Contest	1,207.08	0.00	0.00	1,207.08
420104 - Outdoor Classrooms	129.29	0.00	0.00	129.29
420106 - Miscellaneous Education Expense	374.25	0.00	0.00	374.25
420108 - Spring Conservation Sensation	1,295.61	0.00	0.00	1,295.61
420109 - Education Outreach	1,971.76	0.00	0.00	1,971.76
Total Education	**4,977.99**	**0.00**	**0.00**	**4,977.99**
Information				
420201 - Annual Report/Viaduct	15,451.22	0.00	0.00	15,451.22
420202 - Books And Pamphlets	96.00	0.00	0.00	96.00
420203 - Expositions And Display	2,133.04	0.00	0.00	2,133.04
420205 - Phrography, Cameras, Video	211.64	0.00	0.00	211.64
420208 - Miscellaneous	885.50	0.00	0.00	885.50
420209 - Ktic Ad	3,067.00	0.00	0.00	3,067.00
420211 - E-Ads	2,940.00	0.00	0.00	2,940.00
420212 - TV Promotion	4,290.00	0.00	0.00	4,290.00
Total Information	**29,074.40**	**0.00**	**0.00**	**29,074.40**
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	134.52	0.00	0.00	134.52
420402 - Cooperative Projects/Donations	110.00	0.00	0.00	110.00
420404 - Promotional Materials	1,721.18	0.00	0.00	1,721.18
420405 - Recognition Banquet & Awards	231.00	0.00	0.00	231.00
420410 - Continuing Ed - I&E Dept	467.00	0.00	0.00	467.00
Total Other	**2,663.70**	**0.00**	**0.00**	**2,663.70**
Total Information & Education Expenses	**39,716.09**	**0.00**	**0.00**	**39,716.09**
Operation & Maintenance				
Auto and Truck				
430101 - Auto & Truck Gas	18,190.70	0.00	0.00	18,190.70
430102 - Auto & Truck R&M	4,450.14	0.00	0.00	4,450.14
Total Auto and Truck	**22,640.84**	**0.00**	**0.00**	**22,640.84**
Building Maintenance				
430201 - Bldg Maintenance	2,844.97	0.00	0.00	2,844.97
430202 - Office Cleaning	5,170.00	0.00	0.00	5,170.00
430203 - Garbage Maintenance	1,215.33	0.00	0.00	1,215.33
Total Building Maintenance	**9,230.30**	**0.00**	**0.00**	**9,230.30**
Operation and Maintenance				
430401 - Czechland & Homestead	7,294.57	0.00	0.00	7,294.57
430402 - Equipment Upkeep	16,886.78	0.00	0.00	16,886.78
430403 - Operation & Maintenance	136,666.34	0.00	0.00	136,666.34
430404 - Tree Supplies	15.98	0.00	0.00	15.98
430406 - Wanahoo Park Operation	72,245.73	0.00	0.00	72,245.73

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	Natural Resources District Year To Date 06/30/2025	Rural Water-Bruno Year To Date 06/30/2025	Rural Water-Colon Year To Date 06/30/2025	All Districts Year To Date 06/30/2025
430407 - Monitoring Wanahoo Dam	14,337.45	0.00	0.00	14,337.45
430408 - Wanahoo Rec Mgmt	60,222.97	0.00	0.00	60,222.97
430409 - Lake Wanahoo Education Building	19,752.41	0.00	0.00	19,752.41
Total Operation and Maintenance	**327,422.23**	**0.00**	**0.00**	**327,422.23**
Project Repairs				
430503 - Project Repairs - Other	11,500.00	0.00	0.00	11,500.00
Total Project Repairs	**11,500.00**	**0.00**	**0.00**	**11,500.00**
Steam Bank Stabilization				
430602 - Stream Bank - Platte/Elkhorn Rivers	15,000.00	0.00	0.00	15,000.00
Total Steam Bank Stabilization	**15,000.00**	**0.00**	**0.00**	**15,000.00**
Other				
430802 - Stock For Resale - Trees	10,689.57	0.00	0.00	10,689.57
430803 - Lower Platte Weed Mgmt Area	60,000.00	0.00	0.00	60,000.00
430804 - O&M One-Call Services	308.84	0.00	0.00	308.84
430805 - IceJam Monitoring	434.87	0.00	0.00	434.87
Total Other	**71,433.28**	**0.00**	**0.00**	**71,433.28**
Total Operation & Maintenance	**457,226.65**	**0.00**	**0.00**	**457,226.65**
Personnel Expenses				
Director Expense				
440101 - Director Meeting Expense	15,457.95	0.00	0.00	15,457.95
440102 - Director Mileage Expense	15,575.31	0.00	0.00	15,575.31
440104 - Computer Stipend	4,875.00	0.00	0.00	4,875.00
Total Director Expense	**35,908.26**	**0.00**	**0.00**	**35,908.26**
Director Per Diem				
440200 - Director Per Diem	29,315.00	0.00	0.00	29,315.00
Total Director Per Diem	**29,315.00**	**0.00**	**0.00**	**29,315.00**
Employee Benefits				
440301 - Dental Insurance	21,428.47	0.00	0.00	21,428.47
440302 - Health Insurance	374,101.75	0.00	0.00	374,101.75
440303 - Retirement Benefit - 414H	84,420.58	0.00	0.00	84,420.58
440304 - Retirement Benefit - 457 Plan	3,528.75	0.00	0.00	3,528.75
440306 - Workmans Comp Benefit	20,352.21	0.00	0.00	20,352.21
440307 - Employee Benefits - Other	88.77	0.00	0.00	88.77
440309 - Flexible Spending Fee	280.00	0.00	0.00	280.00
440312 - Accrued Compensated Absences	26,738.94	0.00	0.00	26,738.94
Total Employee Benefits	**530,939.47**	**0.00**	**0.00**	**530,939.47**
Payroll Taxes				
440401 - FICA - ER	83,604.22	0.00	0.00	83,604.22
440402 - Medicare - ER	19,552.66	0.00	0.00	19,552.66
Total Payroll Taxes	**103,156.88**	**0.00**	**0.00**	**103,156.88**
Personnel Expense				
440501 - Personnel Meeting Exp	35,377.52	0.00	0.00	35,377.52
440502 - Personnel Mileage Exp	2,080.83	0.00	0.00	2,080.83
440503 - Safety Committee	150.00	0.00	0.00	150.00
440504 - Personnel Uniform Exp	1,825.43	0.00	0.00	1,825.43
440505 - Personnel Exp-Other	27.90	0.00	0.00	27.90
Total Personnel Expense	**39,461.68**	**0.00**	**0.00**	**39,461.68**
Salaries				
440601 - Salaries - Administration	264,193.97	0.00	0.00	264,193.97
440602 - Salaries - Clerical	31,425.67	0.00	0.00	31,425.67
440604 - Salaries - I & E	117,507.23	0.00	0.00	117,507.23
440605 - Salaries - Op & Maint	195,855.61	0.00	0.00	195,855.61
440606 - NRCS Support	198,804.27	0.00	0.00	198,804.27
440607 - Salaries - Projects	105,340.31	0.00	0.00	105,340.31
440608 - Salaries - Water	396,553.11	0.00	0.00	396,553.11
440616 - Lake Wanhoo Park Op.	110,474.52	0.00	0.00	110,474.52
Total Salaries	**1,420,154.69**	**0.00**	**0.00**	**1,420,154.69**
Total Personnel Expenses	**2,158,935.98**	**0.00**	**0.00**	**2,158,935.98**
Projects Expenses				
Inter-Governmental				
450115 - Dike & Drainage Assistance	60,000.00	0.00	0.00	60,000.00
450119 - JWMAB Dodge Co	31,051.00	0.00	0.00	31,051.00
450123 - Hazard Mitigation Update	199,143.50	0.00	0.00	199,143.50
Total Inter-Governmental	**290,194.50**	**0.00**	**0.00**	**290,194.50**
Special Projects				

Lower Platte North NRD
Statements of Activities
For the Periods Ended

	Natural Resources District Year To Date 06/30/2025	Rural Water-Bruno Year To Date 06/30/2025	Rural Water-Colon Year To Date 06/30/2025	All Districts Year To Date 06/30/2025
450406 - Special Projects-Platte	50,000.00	0.00	0.00	50,000.00
Total Special Projects	**50,000.00**	**0.00**	**0.00**	**50,000.00**
Other Projects				
450705 - Schuyler 205	13,000.00	0.00	0.00	13,000.00
Total Other Projects	**13,000.00**	**0.00**	**0.00**	**13,000.00**
Platte River Corridor Alliance				
411101 - PRCA - Administration	6,843.00	0.00	0.00	6,843.00
411129 - USGS Monitoring at Leshara	4,360.00	0.00	0.00	4,360.00
Total Platte River Corridor Alliance	**11,203.00**	**0.00**	**0.00**	**11,203.00**
Total Projects Expenses	**364,397.50**	**0.00**	**0.00**	**364,397.50**
Water Expenses				
Groundwater Management Plan				
460101 - GWMP - Cost - Share	5,489.28	0.00	0.00	5,489.28
460102 - GWMP - Information & Education	1,176.77	0.00	0.00	1,176.77
460103 - GWMP - Nitrogen Classes	307.34	0.00	0.00	307.34
460110 - Basin Wide Water Plan	10,000.00	0.00	0.00	10,000.00
460111 - Flow Meter Maintenance	27,705.00	0.00	0.00	27,705.00
Total Groundwater Management Plan	**44,678.39**	**0.00**	**0.00**	**44,678.39**
Groundwater Programs				
460201 - Decommissioned Wells	10,296.05	0.00	0.00	10,296.05
460203 - GW Levels	113.94	0.00	0.00	113.94
460204 - GW Quality Program	11,368.61	0.00	0.00	11,368.61
460206 - Monitoring Wells	4,888.40	0.00	0.00	4,888.40
460209 - Groundwater Programs Other	27,161.32	0.00	0.00	27,161.32
460213 - GW Memberships and Subscriptions	2,700.00	0.00	0.00	2,700.00
Total Groundwater Programs	**56,528.32**	**0.00**	**0.00**	**56,528.32**
Regulatory				
460301 - Chemigation	618.76	0.00	0.00	618.76
Total Regulatory	**618.76**	**0.00**	**0.00**	**618.76**
Surface Water Programs				
460403 - Stream Flow	27,436.00	0.00	0.00	27,436.00
Total Surface Water Programs	**27,436.00**	**0.00**	**0.00**	**27,436.00**
Special Projects				
460503 - Special Projects - Other	37,971.51	0.00	0.00	37,971.51
460504 - ENWRA	30,000.00	0.00	0.00	30,000.00
460519 - Hydrological Study	90,320.00	0.00	0.00	90,320.00
460520 - Nitrate Assessment	25,107.75	0.00	0.00	25,107.75
460522 - Groundwater Management Plan Rev	70,737.10	0.00	0.00	70,737.10
Total Special Projects	**254,136.36**	**0.00**	**0.00**	**254,136.36**
Land Treatment				
450201 - Ne Buffer Strip	51,771.76	0.00	0.00	51,771.76
450207 - Nswcp Supplement	4,500.00	0.00	0.00	4,500.00
450211 - Trees	2,374.61	0.00	0.00	2,374.61
450803 - Shell Creek Watershed Plan 319	141,289.84	0.00	0.00	141,289.84
450805 - Shell Creek Phase I (New)	14,431.05	0.00	0.00	14,431.05
Total Land Treatment	**214,367.26**	**0.00**	**0.00**	**214,367.26**
Total Water Expenses	**597,765.09**	**0.00**	**0.00**	**597,765.09**
Rural Water District Expenses				
570201 - Water Purchase	0.00	25,740.53	14,167.10	39,907.63
570204 - Testing	0.00	195.00	246.00	441.00
570206 - Repair	0.00	504.99	228.89	733.88
570207 - Other Expenses	0.00	21.59	908.23	929.82
570208 - Lpnnrd Adm. Fee	0.00	2,745.31	2,720.07	5,465.38
570210 - Health/Life/Vision/LTD - ER	0.00	2,431.53	3,647.23	6,078.76
570211 - Dental - ER	0.00	260.64	391.08	651.72
570212 - 414H ER Contributions	0.00	765.64	1,148.50	1,914.14
570215 - ER Social Security Tax	0.00	1,072.20	1,644.50	2,716.70
570216 - ER Medicare Tax	0.00	250.73	384.58	635.31
570217 - Salaries	0.00	8,425.39	12,054.05	20,479.44
570219 - Fees And Licenses	0.00	188.43	282.48	470.91
570220 - Rural Water One-Call	0.00	45.45	52.31	97.76
570221 - Rural Water Hand Tools & Supplies	0.00	274.67	412.00	686.67
570222 - RW Dues And Memberships	0.00	220.00	330.00	550.00
570223 - Rural Water Gasoline	0.00	784.74	501.91	1,286.65
570224 - Rural Water Personnel Meeting	0.00	523.75	785.64	1,309.39

Lower Platte North NRD
Statements of Activities
For the Periods Ended

	Natural Resources District Year To Date 06/30/2025	Rural Water-Bruno Year To Date 06/30/2025	Rural Water-Colon Year To Date 06/30/2025	All Districts Year To Date 06/30/2025
570231 - Rural Water Equipment Upkeep	0.00	373.41	560.11	933.52
570232 - Rural Water Compensated Absences	0.00	861.59	1,292.39	2,153.98
570308 - Colon Meter House Expense	0.00	0.00	1,844.13	1,844.13
570309 - Colon Sewer Collections	0.00	0.00	31,603.20	31,603.20
Total Rural Water District Expenses	**0.00**	**45,685.59**	**75,204.40**	**120,889.99**
Capital Expenditures - Small Items				
480105 - Capital Outlay Small Items (Equipment)	1,720.99	0.00	0.00	1,720.99
412000 - New Office Building Expenses	3,500.00	0.00	0.00	3,500.00
Total Capital Expenditures - Small Items	**5,220.99**	**0.00**	**0.00**	**5,220.99**
Depreciation Expense				
Depreciation				
908000 - Depreciation Expense	695,648.76	8,134.93	17,194.80	720,978.49
908350 - Amortization Expense - Colon	0.00	0.00	50.00	50.00
Total Depreciation	**695,648.76**	**8,134.93**	**17,244.80**	**721,028.49**
Total Depreciation Expense	**695,648.76**	**8,134.93**	**17,244.80**	**721,028.49**
Total Expenses	**4,773,273.42**	**53,820.52**	**93,379.25**	**4,920,473.19**
Total Change in Net Position	**$ 4,722,626.75**	**$ 1,776.01**	**$ (2,265.64)**	**$ 4,722,137.12**

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

	Month Ending 06/30/2025 MTD Actual	Year To Date 06/30/2025 FYTD Actual	Annual Budget June 30, 2025 FY2025	$ Difference Annual Budget	Percentage Annual Budget
Change in Net Position					
Income					
Federal Income					
303206 - Wahoo Creek 319 Grant	0.00	0.00	30,000.00	(30,000.00)	0.00 %
303207 - Shell Creek 319 Grant	7,363.25	69,472.44	160,000.00	(90,527.56)	43.42 %
303225 - Wahoo Creek WS PL566	0.00	91,146.44	1,000,000.00	(908,853.56)	9.11 %
303960 - Hazard Mitigation - Federal	17,100.00	155,694.78	159,750.00	(4,055.22)	97.46 %
303961 - FEMA - Flood Funds	0.00	241,602.07	375,000.00	(133,397.93)	64.43 %
303962 - NEMA - Flood Funds	137,316.11	177,727.20	142,087.00	35,640.20	125.08 %
303963 - FEMA - 428 Funds	0.00	402,633.10	540,182.00	(137,548.90)	74.54 %
303964 - Federal - NRCS	9,876.01	61,664.71	115,552.00	(53,887.29)	53.37 %
303967 - SWP - NWQI	0.00	4,691.22	0.00	4,691.22	0.00 %
Total Federal Income	**171,655.37**	**1,204,631.96**	**2,522,571.00**	**(1,317,939.04)**	**47.75 %**
State Income					
301201 - Natural Resources WQ Fund	0.00	47,816.49	50,000.00	(2,183.51)	95.63 %
301202 - Decommissioned Wells	0.00	0.00	6,000.00	(6,000.00)	0.00 %
301203 - Motor Vehicle Pro-Rate	1,561.52	8,104.24	8,400.00	(295.76)	96.48 %
301309 - Water Sustainability Fund	6,792.00	54,192.00	100,000.00	(45,808.00)	54.19 %
301310 - Shell Creek NET	1,453.28	86,506.03	100,000.00	(13,493.97)	86.51 %
301315 - WSF and EA Application	0.00	(3,168.00)	0.00	(3,168.00)	0.00 %
301325 - JEDI Funding	1,278,881.24	3,163,652.76	4,000,000.00	(836,347.24)	79.09 %
301900 - State Grant - NE Buffer Strip	0.00	51,771.76	52,500.00	(728.24)	98.61 %
304100 - Lake Wanahoo - Other	495.50	23,407.97	25,000.00	(1,592.03)	93.63 %
Total State Income	**1,289,183.54**	**3,432,283.25**	**4,341,900.00**	**(909,616.75)**	**79.05 %**
Local Income					
304105 - Education Building Rent	1,200.00	17,320.00	17,000.00	320.00	101.88 %
304112 - Dirt Sales - Wanahoo	502.84	10,327.59	10,000.00	327.59	103.28 %
304150 - Lake Wanahoo SRA G&P/NRD	0.00	225.00	0.00	225.00	0.00 %
304400 - Flow Meter Maint. Reimb.	0.00	(90.00)	1,000.00	(1,090.00)	(9.00) %
304500 - JWMAB	0.00	23,288.25	15,500.00	7,788.25	150.25 %
Total Local Income	**1,702.84**	**51,070.84**	**43,500.00**	**7,570.84**	**117.40 %**
Rural Water Income					
304261 - Other Revenue	0.00	3,000.00	0.00	3,000.00	0.00 %
Total Rural Water Income	**0.00**	**3,000.00**	**0.00**	**3,000.00**	**0.00 %**
Property Tax Income					
305100 - General Fund Property Taxes-Boone	(202.23)	129,446.68	96,000.00	33,446.68	134.84 %
305200 - General Fund Property Taxes-Butler	(836.57)	383,716.48	370,000.00	13,716.48	103.71 %
305300 - General Fund Property Taxes-Colfax	(1,037.48)	326,380.10	318,500.00	7,880.10	102.47 %
305400 - General Fund Property Taxes-Dodge	(5,648.50)	1,175,097.86	1,064,000.00	111,097.86	110.44 %
305500 - General Fund Property Taxes-Madison	(178.97)	54,300.09	48,500.00	5,800.09	111.96 %
305600 - General Fund Property Taxes-Platte	(384.89)	473,740.27	401,000.00	72,740.27	118.14 %
305700 - General Fund Property Taxes-Saunders	(4,220.03)	1,267,888.48	1,185,000.00	82,888.48	106.99 %
Total Property Tax Income	**(12,508.67)**	**3,810,569.96**	**3,483,000.00**	**327,569.96**	**109.40 %**
Investment Income					
311350 - Interest - NPAIT Elkhorn	514.41	6,713.54	1,200.00	5,513.54	559.46 %
311400 - Interest - NPAIT Wanahoo SRA	2,059.61	27,613.56	25,000.00	2,613.56	110.45 %
311500 - Interest - NPAIT NRD	9.30	120.70	100.00	20.70	120.70 %
311600 - Interest - STFIT NRD	7,790.48	182,301.71	150,000.00	32,301.71	121.53 %
311700 - Interest - UBT NRD	71.66	815.64	1,000.00	(184.36)	81.56 %

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

	Month Ending 06/30/2025 MTD Actual	Year To Date 06/30/2025 FYTD Actual	Annual Budget June 30, 2025 FY2025	$ Difference Annual Budget	Percentage Annual Budget
Total Investment Income	**10,445.46**	**217,565.15**	**177,300.00**	**40,265.15**	**122.71 %**
Miscellaneous Income					
309100 - Sales - Trees	1,923.75	15,971.50	30,000.00	(14,028.50)	53.24 %
309350 - Sales - Well Permits	50.00	1,450.00	1,750.00	(300.00)	82.86 %
309360 - Sales - Sample Kits	730.00	4,146.00	2,000.00	2,146.00	207.30 %
309400 - Sales - Other	225.00	1,725.00	3,500.00	(1,775.00)	49.29 %
309500 - Equipment Rent	20.00	6,190.20	8,500.00	(2,309.80)	72.83 %
310000 - Chemigation Permits	10,857.00	22,668.00	24,000.00	(1,332.00)	94.45 %
310100 - Check Valve Sales	1,228.94	1,706.34	1,000.00	706.34	170.63 %
310200 - Czechland Camping Fees	1,417.36	11,691.01	10,000.00	1,691.01	116.91 %
310201 - Wanahoo Park Permits	8,089.00	62,262.57	85,000.00	(22,737.43)	73.25 %
310202 - Lake Wanahoo Camping	17,152.82	108,718.42	120,000.00	(11,281.58)	90.60 %
312000 - Salaries-Other NRD	104,101.42	104,101.42	95,000.00	9,101.42	109.58 %
313000 - Miscellaneous Income	782.76	9,717.98	20,000.00	(10,282.02)	48.59 %
315000 - RWD Administrative Fees	415.44	5,465.38	5,500.00	(34.62)	99.37 %
316000 - Employee/Director Reimb	(384.42)	914.68	3,000.00	(2,085.32)	30.49 %
317000 - Loss Or Gain On Sale Of Assets	336,277.81	392,561.51	800,000.00	(407,438.49)	49.07 %
318000 - Special Project Income	0.00	27,489.00	35,000.00	(7,511.00)	78.54 %
Total Miscellaneous Income	**482,886.88**	**776,779.01**	**1,244,250.00**	**(467,470.99)**	**62.43 %**
Total Income	**1,943,365.42**	**9,495,900.17**	**11,812,521.00**	**(2,316,620.83)**	**80.39 %**
Expenses					
Administration Expenses					
Bonds					
410100 - Bonds	0.00	1,388.00	1,500.00	(112.00)	92.53 %
Total Bonds	**0.00**	**1,388.00**	**1,500.00**	**(112.00)**	**92.53 %**
Dues & Membership					
410201 - Dues & Membership - Chamber	125.00	275.00	450.00	(175.00)	61.11 %
410202 - Dues & Membership - NACD	148.00	1,776.00	1,776.00	0.00	100.00 %
410203 - Dues - NARD	2,768.95	33,173.10	33,227.00	(53.90)	99.84 %
410204 - Dues - NWRA	0.00	1,950.00	1,950.00	0.00	100.00 %
410205 - Dues & Membership - Other	(125.00)	1,753.00	3,200.00	(1,447.00)	54.78 %
Total Dues & Membership	**2,916.95**	**38,927.10**	**40,603.00**	**(1,675.90)**	**95.87 %**
Fees and Licenses					
410302 - NRD Fees And Licenses	0.00	48,033.61	30,000.00	18,033.61	160.11 %
410304 - NRD Union Bank Fees	45.52	572.30	600.00	(27.70)	95.38 %
Total Fees and Licenses	**45.52**	**48,605.91**	**30,600.00**	**18,005.91**	**158.84 %**
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	1,146.33	13,570.23	16,000.00	(2,429.77)	84.81 %
410502 - Insurance-Errors & Omissions	479.25	5,927.49	7,100.00	(1,172.51)	83.49 %
410504 - Insurance-Liability	5,849.60	68,657.40	71,000.00	(2,342.60)	96.70 %
410505 - Insurance-Property	2,667.67	30,991.54	26,000.00	4,991.54	119.20 %
Total Insurance	**10,142.85**	**119,146.66**	**120,100.00**	**(953.34)**	**99.21 %**
Legal Notices					
410701 - Legal Notices	79.27	2,602.19	4,000.00	(1,397.81)	65.05 %
410702 - Other Notices and Advertising	0.00	0.00	100.00	(100.00)	0.00 %
Total Legal Notices	**79.27**	**2,602.19**	**4,100.00**	**(1,497.81)**	**63.47 %**

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

	Month Ending 06/30/2025 MTD Actual	Year To Date 06/30/2025 FYTD Actual	Annual Budget June 30, 2025 FY2025	$ Difference Annual Budget	Percentage Annual Budget
Maintenance Contracts					
410800 - Maintenance Contracts	1,437.59	5,755.46	5,000.00	755.46	115.11 %
Total Maintenance Contracts	**1,437.59**	**5,755.46**	**5,000.00**	**755.46**	**115.11 %**
Office Supply & Expense					
410901 - Copier Supplies	0.00	550.90	1,000.00	(449.10)	55.09 %
410902 - Office Supplies & Equip	502.62	1,998.10	6,000.00	(4,001.90)	33.30 %
410903 - Franklin Supplies	0.00	217.42	500.00	(282.58)	43.48 %
410904 - Letterhead, Envelopes & Forms	0.00	288.54	1,500.00	(1,211.46)	19.24 %
410905 - Reference Books	0.00	871.98	1,000.00	(128.02)	87.20 %
410906 - Office Expense - Other	0.00	1,997.31	2,500.00	(502.69)	79.89 %
Total Office Supply & Expense	**502.62**	**5,924.25**	**12,500.00**	**(6,575.75)**	**47.39 %**
Computer Supply & Expense					
411002 - Computer Consultant	3,049.25	14,926.85	15,000.00	(73.15)	99.51 %
411003 - Computer Repairs & Parts	0.00	404.31	5,000.00	(4,595.69)	8.09 %
411004 - Computer Software	1,385.43	7,437.68	13,500.00	(6,062.32)	55.09 %
411005 - Computer Magazines/Video	0.00	0.00	100.00	(100.00)	0.00 %
411006 - Email	414.00	4,968.00	4,500.00	468.00	110.40 %
411011 - Computers & Equipment	4,392.00	7,062.82	8,000.00	(937.18)	88.29 %
411012 - Website Design & Hosting	300.00	300.00	350.00	(50.00)	85.71 %
Total Computer Supply & Expense	**9,540.68**	**35,099.66**	**46,450.00**	**(11,350.34)**	**75.56 %**
Postage					
411200 - Postage	1,149.15	7,284.42	4,500.00	2,784.42	161.88 %
Total Postage	**1,149.15**	**7,284.42**	**4,500.00**	**2,784.42**	**161.88 %**
Professional Services					
411301 - Prof Serv-Accounting	7,700.00	92,474.73	92,400.00	74.73	100.08 %
411302 - Prof Serv-Annual Audit	0.00	14,900.00	14,900.00	0.00	100.00 %
411304 - Prof Serv-Legal - General	2,432.00	14,796.40	12,000.00	2,796.40	123.30 %
411305 - Prof Serv-Legal-Other	0.00	0.00	3,000.00	(3,000.00)	0.00 %
411307 - Prof Services-Other	0.00	3,600.00	3,000.00	600.00	120.00 %
411311 - Washington Expense	4,600.00	27,400.00	27,600.00	(200.00)	99.28 %
Total Professional Services	**14,732.00**	**153,171.13**	**152,900.00**	**271.13**	**100.18 %**
Rent Expense					
411400 - Rent Expense	284.22	1,392.26	1,500.00	(107.74)	92.82 %
Total Rent Expense	**284.22**	**1,392.26**	**1,500.00**	**(107.74)**	**92.82 %**
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	4,640.47	500.00	4,140.47	928.09 %
Total Support to Organizations	**0.00**	**4,640.47**	**1,000.00**	**3,640.47**	**464.05 %**
Telephone Expense					
411601 - Telephone - Cellular	966.58	11,142.20	12,500.00	(1,357.80)	89.14 %
411602 - Local Phone & Internet	1,720.47	10,503.59	10,000.00	503.59	105.04 %
Total Telephone Expense	**2,687.05**	**21,645.79**	**22,500.00**	**(854.21)**	**96.20 %**
Utilities					
411700 - Utilities Expense	769.84	8,779.06	12,000.00	(3,220.94)	73.16 %
Total Utilities	**769.84**	**8,779.06**	**12,000.00**	**(3,220.94)**	**73.16 %**
Total Administration Expenses	**44,287.74**	**454,362.36**	**457,253.00**	**(2,890.64)**	**99.37 %**
Information & Education Expenses					
Education					
420103 - Land & Range Judging Contest	0.00	1,207.08	1,000.00	207.08	120.71 %

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

	Month Ending 06/30/2025 MTD Actual	Year To Date 06/30/2025 FYTD Actual	Annual Budget June 30, 2025 FY2025	$ Difference Annual Budget	Percentage Annual Budget
420104 - Outdoor Classrooms	0.00	129.29	2,500.00	(2,370.71)	5.17 %
420106 - Miscellaneous Education Expense	84.25	374.25	500.00	(125.75)	74.85 %
420107 - Water Testing Event	0.00	0.00	500.00	(500.00)	0.00 %
420108 - Spring Conservation Sensation	0.00	1,295.61	3,500.00	(2,204.39)	37.02 %
420109 - Education Outreach	357.18	1,971.76	3,500.00	(1,528.24)	56.34 %
Total Education	**441.43**	**4,977.99**	**11,500.00**	**(6,522.01)**	**43.29 %**
Information					
420201 - Annual Report/Viaduct	0.00	15,451.22	15,000.00	451.22	103.01 %
420202 - Books And Pamphlets	0.00	96.00	1,000.00	(904.00)	9.60 %
420203 - Expositions And Display	1,000.00	2,133.04	2,000.00	133.04	106.65 %
420205 - Phrography, Cameras, Video	199.96	211.64	1,500.00	(1,288.36)	14.11 %
420206 - Soil & Water Stewardship Mat.	0.00	0.00	100.00	(100.00)	0.00 %
420208 - Miscellaneous	(7.00)	885.50	1,500.00	(614.50)	59.03 %
420209 - Ktic Ad	240.00	3,067.00	3,500.00	(433.00)	87.63 %
420211 - E-Ads	280.00	2,940.00	1,700.00	1,240.00	172.94 %
420212 - TV Promotion	0.00	4,290.00	3,500.00	790.00	122.57 %
420213 - Promotion Videos	0.00	0.00	3,000.00	(3,000.00)	0.00 %
Total Information	**1,712.96**	**29,074.40**	**32,800.00**	**(3,725.60)**	**88.64 %**
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	10.16	134.52	250.00	(115.48)	53.81 %
420402 - Cooperative Projects/Donations	0.00	110.00	500.00	(390.00)	22.00 %
420404 - Promotional Materials	0.00	1,721.18	4,000.00	(2,278.82)	43.03 %
420405 - Recognition Banquet & Awards	0.00	231.00	2,000.00	(1,769.00)	11.55 %
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	467.00	500.00	(33.00)	93.40 %
Total Other	**10.16**	**2,663.70**	**9,250.00**	**(6,586.30)**	**28.80 %**
Total Information & Education Expenses	**2,164.55**	**39,716.09**	**60,550.00**	**(20,833.91)**	**65.59 %**
Operation & Maintenance					
Auto and Truck					
430101 - Auto & Truck Gas	1,178.29	18,190.70	25,000.00	(6,809.30)	72.76 %
430102 - Auto & Truck R&M	275.11	4,450.14	7,200.00	(2,749.86)	61.81 %
Total Auto and Truck	**1,453.40**	**22,640.84**	**32,200.00**	**(9,559.16)**	**70.31 %**
Building Maintenance					
430201 - Bldg Maintenance	1,909.96	2,844.97	3,500.00	(655.03)	81.28 %
430202 - Office Cleaning	0.00	5,170.00	6,000.00	(830.00)	86.17 %
430203 - Garbage Maintenance	101.72	1,215.33	1,200.00	15.33	101.28 %
Total Building Maintenance	**2,011.68**	**9,230.30**	**10,700.00**	**(1,469.70)**	**86.26 %**
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					
430401 - Czechland & Homestead	604.93	7,294.57	6,500.00	794.57	112.22 %
430402 - Equipment Upkeep	296.97	16,886.78	12,000.00	4,886.78	140.72 %

Lower Platte North NRD
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	Month Ending 06/30/2025 MTD Actual	Year To Date 06/30/2025 FYTD Actual	Annual Budget June 30, 2025 FY2025	$ Difference Annual Budget	Percentage Annual Budget
430403 - Operation & Maintenance	160.20	136,666.34	166,000.00	(29,333.66)	82.33 %
430404 - Tree Supplies	15.98	15.98	250.00	(234.02)	6.39 %
430406 - Wanahoo Park Operation	1,224.87	72,245.73	60,000.00	12,245.73	120.41 %
430407 - Monitoring Wanahoo Dam	0.00	14,337.45	20,000.00	(5,662.55)	71.69 %
430408 - Wanahoo Rec Mgmt	8,625.04	60,222.97	60,000.00	222.97	100.37 %
430409 - Lake Wanahoo Education Building	351.68	19,752.41	15,000.00	4,752.41	131.68 %
Total Operation and Maintenance	**11,279.67**	**327,422.23**	**339,750.00**	**(12,327.77)**	**96.37 %**
Project Repairs					
430503 - Project Repairs - Other	0.00	11,500.00	5,000.00	6,500.00	230.00 %
430504 - Rawhide Channel Maintenance	0.00	0.00	2,000.00	(2,000.00)	0.00 %
Total Project Repairs	**0.00**	**11,500.00**	**7,000.00**	**4,500.00**	**164.29 %**
Steam Bank Stabilization					
430601 - Stream Bank - Perennial Streams	0.00	0.00	5,000.00	(5,000.00)	0.00 %
430602 - Stream Bank - Platte/Elkhorn Rivers	3,000.00	15,000.00	10,000.00	5,000.00	150.00 %
Total Steam Bank Stabilization	**3,000.00**	**15,000.00**	**15,000.00**	**0.00**	**100.00 %**
Wildlife Habitat Programs					
430701 - Wild Nebraska	0.00	0.00	1,000.00	(1,000.00)	0.00 %
Total Wildlife Habitat Programs	**0.00**	**0.00**	**1,000.00**	**(1,000.00)**	**0.00 %**
Other					
430801 - NRCS Flags	0.00	0.00	1,000.00	(1,000.00)	0.00 %
430802 - Stock For Resale - Trees	9,080.58	10,689.57	15,000.00	(4,310.43)	71.26 %
430803 - Lower Platte Weed Mgmt Area	0.00	60,000.00	60,000.00	0.00	100.00 %
430804 - O&M One-Call Services	6.01	308.84	150.00	158.84	205.89 %
430805 - IceJam Monitoring	0.00	434.87	500.00	(65.13)	86.97 %
Total Other	**9,086.59**	**71,433.28**	**76,650.00**	**(5,216.72)**	**93.19 %**
Total Operation & Maintenance	**26,831.34**	**457,226.65**	**484,300.00**	**(27,073.35)**	**94.41 %**
Personnel Expenses					
Director Expense					
440101 - Director Meeting Expense	1,316.00	15,457.95	20,000.00	(4,542.05)	77.29 %
440102 - Director Mileage Expense	4,179.70	15,575.31	16,000.00	(424.69)	97.35 %
440104 - Computer Stipend	1,275.00	4,875.00	5,700.00	(825.00)	85.53 %
Total Director Expense	**6,770.70**	**35,908.26**	**41,700.00**	**(5,791.74)**	**86.11 %**
Director Per Diem					
440200 - Director Per Diem	6,955.00	29,315.00	30,000.00	(685.00)	97.72 %
Total Director Per Diem	**6,955.00**	**29,315.00**	**30,000.00**	**(685.00)**	**97.72 %**
Employee Benefits					
440301 - Dental Insurance	1,815.39	21,428.47	24,000.00	(2,571.53)	89.29 %
440302 - Health Insurance	31,715.21	374,101.75	385,000.00	(10,898.25)	97.17 %
440303 - Retirement Benefit - 414H	10,755.07	84,420.58	89,000.00	(4,579.42)	94.85 %
440304 - Retirement Benefit - 457 Plan	617.82	3,528.75	4,000.00	(471.25)	88.22 %
440305 - Tuition Reimbursement	0.00	0.00	3,000.00	(3,000.00)	0.00 %
440306 - Workmans Comp Benefit	1,937.33	20,352.21	23,000.00	(2,647.79)	88.49 %
440307 - Employee Benefits - Other	(30.52)	88.77	2,500.00	(2,411.23)	3.55 %
440309 - Flexible Spending Fee	48.00	280.00	300.00	(20.00)	93.33 %
440311 - Unemployment Insurance Benefit	0.00	0.00	500.00	(500.00)	0.00 %
440312 - Accrued Compensated Absences	26,738.94	26,738.94	1,000.00	25,738.94	2,673.89 %
Total Employee Benefits	**73,597.24**	**530,939.47**	**532,300.00**	**(1,360.53)**	**99.74 %**
Payroll Taxes					
440401 - FICA - ER	11,504.60	83,604.22	83,000.00	604.22	100.73 %

Lower Platte North NRD
Supplemental Schedule
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	Month Ending 06/30/2025 MTD Actual	Year To Date 06/30/2025 FYTD Actual	Annual Budget June 30, 2025 FY2025	$ Difference Annual Budget	Percentage Annual Budget
440402 - Medicare - ER	2,690.59	19,552.66	19,500.00	52.66	100.27 %
Total Payroll Taxes	**14,195.19**	**103,156.88**	**102,500.00**	**656.88**	**100.64 %**
Personnel Expense					
440501 - Personnel Meeting Exp	2,009.28	35,377.52	35,000.00	377.52	101.08 %
440502 - Personnel Mileage Exp	53.20	2,080.83	3,500.00	(1,419.17)	59.45 %
440503 - Safety Committee	0.00	150.00	1,000.00	(850.00)	15.00 %
440504 - Personnel Uniform Exp	54.99	1,825.43	2,500.00	(674.57)	73.02 %
440505 - Personnel Exp-Other	0.00	27.90	1,200.00	(1,172.10)	2.33 %
Total Personnel Expense	**2,117.47**	**39,461.68**	**43,200.00**	**(3,738.32)**	**91.35 %**
Salaries					
440601 - Salaries - Administration	32,183.97	264,193.97	263,680.00	513.97	100.19 %
440602 - Salaries - Clerical	3,782.89	31,425.67	31,248.00	177.67	100.57 %
440603 - Employee Recognition Program	0.00	0.00	1,300.00	(1,300.00)	0.00 %
440604 - Salaries - I & E	14,196.52	117,507.23	116,786.00	721.23	100.62 %
440605 - Salaries - Op & Maint	29,122.80	195,855.61	226,291.00	(30,435.39)	86.55 %
440606 - NRCS Support	22,429.80	198,804.27	284,747.00	(85,942.73)	69.82 %
440607 - Salaries - Projects	12,808.78	105,340.31	104,601.00	739.31	100.71 %
440608 - Salaries - Water	52,070.05	396,553.11	391,895.00	4,658.11	101.19 %
440616 - Lake Wanhoo Park Op.	22,121.78	110,474.52	95,000.00	15,474.52	116.29 %
Total Salaries	**188,716.59**	**1,420,154.69**	**1,515,548.00**	**(95,393.31)**	**93.71 %**
Total Personnel Expenses	**292,352.19**	**2,158,935.98**	**2,265,248.00**	**(106,312.02)**	**95.31 %**
Projects Expenses					
Inter-Governmental					
450110 - Platte Center Bank Stab. Phase LI	0.00	0.00	1,000.00	(1,000.00)	0.00 %
450114 - Trails	0.00	0.00	15,000.00	(15,000.00)	0.00 %
450115 - Dike & Drainage Assistance	0.00	60,000.00	60,000.00	0.00	100.00 %
450119 - JWMAB Dodge Co	0.00	31,051.00	45,000.00	(13,949.00)	69.00 %
450123 - Hazard Mitigation Update	22,800.00	199,143.50	213,000.00	(13,856.50)	93.49 %
Total Inter-Governmental	**22,800.00**	**290,194.50**	**334,000.00**	**(43,805.50)**	**86.88 %**
Special Projects					
450309 - SA No-Till Conf/Shell Creek	0.00	0.00	1,000.00	(1,000.00)	0.00 %
450406 - Special Projects-Platte	0.00	50,000.00	50,000.00	0.00	100.00 %
Total Special Projects	**0.00**	**50,000.00**	**51,000.00**	**(1,000.00)**	**98.04 %**
Wanahoo					
450506 - Lake Level Mgmt Plan	0.00	0.00	5,000.00	(5,000.00)	0.00 %
450509 - Wanahoo - Other	0.00	0.00	5,000.00	(5,000.00)	0.00 %
Total Wanahoo	**0.00**	**0.00**	**10,000.00**	**(10,000.00)**	**0.00 %**
Other Projects					
450705 - Schuyler 205	0.00	13,000.00	13,000.00	0.00	100.00 %
Total Other Projects	**0.00**	**13,000.00**	**13,000.00**	**0.00**	**100.00 %**
Platte River Corridor Alliance					
411101 - PRCA - Administration	0.00	6,843.00	6,843.00	0.00	100.00 %
411129 - USGS Monitoring at Leshara	0.00	4,360.00	5,320.00	(960.00)	81.95 %
Total Platte River Corridor Alliance	**0.00**	**11,203.00**	**12,163.00**	**(960.00)**	**92.11 %**
Total Projects Expenses	**22,800.00**	**364,397.50**	**420,163.00**	**(55,765.50)**	**86.73 %**
Water Expenses					
Groundwater Management Plan					
460101 - GWMP - Cost - Share	0.00	5,489.28	15,000.00	(9,510.72)	36.60 %
460102 - GWMP - Information & Education	0.00	1,176.77	1,500.00	(323.23)	78.45 %

Natural Resources District

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

	Month Ending 06/30/2025 MTD Actual	Year To Date 06/30/2025 FYTD Actual	Annual Budget June 30, 2025 FY2025	$ Difference Annual Budget	Percentage Annual Budget
460103 - GWMP - Nitrogen Classes	0.00	307.34	3,000.00	(2,692.66)	10.24 %
460104 - GWMP - Permits	0.00	0.00	100.00	(100.00)	0.00 %
460110 - Basin Wide Water Plan	2,000.00	10,000.00	10,000.00	0.00	100.00 %
460111 - Flow Meter Maintenance	0.00	27,705.00	24,000.00	3,705.00	115.44 %
Total Groundwater Management Plan	**2,000.00**	**44,678.39**	**53,600.00**	**(8,921.61)**	**83.36 %**
Groundwater Programs					
460201 - Decommissioned Wells	744.09	10,296.05	19,000.00	(8,703.95)	54.19 %
460203 - GW Levels	0.00	113.94	500.00	(386.06)	22.79 %
460204 - GW Quality Program	718.58	11,368.61	15,000.00	(3,631.39)	75.79 %
460205 - Mead - NOP	0.00	0.00	100.00	(100.00)	0.00 %
460206 - Monitoring Wells	145.39	4,888.40	10,000.00	(5,111.60)	48.88 %
460209 - Groundwater Programs Other	2,514.60	27,161.32	28,000.00	(838.68)	97.00 %
460212 - GW Monitoring Equip SQS#2	0.00	0.00	250.00	(250.00)	0.00 %
460213 - GW Memberships and Subscriptions	0.00	2,700.00	5,500.00	(2,800.00)	49.09 %
Total Groundwater Programs	**4,122.66**	**56,528.32**	**78,350.00**	**(21,821.68)**	**72.15 %**
Regulatory					
460301 - Chemigation	499.91	618.76	1,000.00	(381.24)	61.88 %
460302 - Irrigation Runoff	0.00	0.00	750.00	(750.00)	0.00 %
Total Regulatory	**499.91**	**618.76**	**1,750.00**	**(1,131.24)**	**35.36 %**
Surface Water Programs					
460403 - Stream Flow	0.00	27,436.00	19,010.00	8,426.00	144.32 %
Total Surface Water Programs	**0.00**	**27,436.00**	**19,010.00**	**8,426.00**	**144.32 %**
Special Projects					
460503 - Special Projects - Other	36,955.72	37,971.51	56,000.00	(18,028.49)	67.81 %
460504 - ENWRA	2,500.00	30,000.00	30,000.00	0.00	100.00 %
460519 - Hydrological Study	11,320.00	90,320.00	165,000.00	(74,680.00)	54.74 %
460520 - Nitrate Assessment	0.00	25,107.75	25,000.00	107.75	100.43 %
460521 - Lower Platte Consortium	0.00	0.00	250.00	(250.00)	0.00 %
460522 - Groundwater Management Plan Rev	0.00	70,737.10	73,000.00	(2,262.90)	96.90 %
Total Special Projects	**50,775.72**	**254,136.36**	**349,250.00**	**(95,113.64)**	**72.77 %**
Land Treatment					
450201 - Ne Buffer Strip	0.00	51,771.76	52,000.00	(228.24)	99.56 %
450204 - Shell Creek	0.00	0.00	20,000.00	(20,000.00)	0.00 %
450206 - Emergency Terrace Repair	0.00	0.00	5,000.00	(5,000.00)	0.00 %
450207 - Nswcp Supplement	0.00	4,500.00	25,000.00	(20,500.00)	18.00 %
450211 - Trees	0.00	2,374.61	3,000.00	(625.39)	79.15 %
450802 - Wahoo Creek Watershed Plan-319	0.00	0.00	30,000.00	(30,000.00)	0.00 %
450803 - Shell Creek Watershed Plan 319	9,742.32	141,289.84	260,000.00	(118,710.16)	54.34 %
450805 - Shell Creek Phase I (New)	0.00	14,431.05	0.00	14,431.05	0.00 %
Total Land Treatment	**9,742.32**	**214,367.26**	**395,000.00**	**(180,632.74)**	**54.27 %**
Total Water Expenses	**67,140.61**	**597,765.09**	**896,960.00**	**(299,194.91)**	**66.64 %**
Total Expenses	**455,576.43**	**4,072,403.67**	**4,584,474.00**	**(512,070.33)**	**88.83 %**
Total Change in Net Position	**1,487,788.99**	**5,423,496.50**	**7,228,047.00**	**(1,804,550.50)**	**75.03 %**

Lower Platte North NRD
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Rural Water District - Bruno

	Month Ending 06/30/2025 MTD Actual	Year To Date 06/30/2025 FYTD Actual	Annual Budget June 30, 2025 FY2025	$ Difference Annual Budget	Percentage Annual Budget
Change in Net Position					
Rural Water Income					
304240 - Water Sales	3,861.75	54,906.00	42,400.00	12,506.00	129.50 %
304261 - Other Revenue	3.20	690.53	2,000.00	(1,309.47)	34.53 %
Total Rural Water Income	**3,864.95**	**55,596.53**	**44,400.00**	**11,196.53**	**125.22 %**
Rural Water District Expenses					
570201 - Water Purchase	1,931.05	25,740.53	25,800.00	(59.47)	99.77 %
570204 - Testing	30.00	195.00	400.00	(205.00)	48.75 %
570206 - Repair	0.00	504.99	1,600.00	(1,095.01)	31.56 %
570207 - Other Expenses	0.00	21.59	600.00	(578.41)	3.60 %
570208 - Lpnnrd Adm. Fee	193.09	2,745.31	2,200.00	545.31	124.79 %
570210 - Health/Life/Vision/LTD - ER	202.67	2,431.53	2,600.00	(168.47)	93.52 %
570211 - Dental - ER	21.72	260.64	300.00	(39.36)	86.88 %
570212 - 414H ER Contributions	59.01	765.64	840.00	(74.36)	91.15 %
570215 - ER Social Security Tax	142.74	1,072.20	1,080.00	(7.80)	99.28 %
570216 - ER Medicare Tax	33.38	250.73	260.00	(9.27)	96.43 %
570217 - Salaries	794.57	8,425.39	10,000.00	(1,574.61)	84.25 %
570219 - Fees And Licenses	17.13	188.43	400.00	(211.57)	47.11 %
570220 - Rural Water One-Call	8.59	45.45	50.00	(4.55)	90.90 %
570221 - Rural Water Hand Tools & Supplies	180.04	274.67	200.00	74.67	137.34 %
570222 - RW Dues And Memberships	0.00	220.00	220.00	0.00	100.00 %
570223 - Rural Water Gasoline	0.00	784.74	600.00	184.74	130.79 %
570224 - Rural Water Personnel Meeting	32.00	523.75	400.00	123.75	130.94 %
570229 - Rural Water Insurance Expense	0.00	0.00	400.00	(400.00)	0.00 %
570230 - Rural Water Equipment Rental	0.00	0.00	1,000.00	(1,000.00)	0.00 %
570231 - Rural Water Equipment Upkeep	0.00	373.41	1,000.00	(626.59)	37.34 %
570232 - Rural Water Compensated Absences	861.59	861.59	400.00	461.59	215.40 %
Total Rural Water District Expenses	**4,507.58**	**45,685.59**	**50,350.00**	**(4,664.41)**	**90.74 %**
Total Change in Net Position	**(642.63)**	**9,910.94**	**(5,950.00)**	**15,860.94**	**(166.57) %**

Lower Platte North NRD
Supplemental Schedule
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Rural Water District - Colon

	Month Ending 06/30/2025 MTD Actual	Year To Date 06/30/2025 FYTD Actual	Annual Budget June 30, 2025 FY2025	$ Difference Annual Budget	Percentage Annual Budget
Change in Net Position					
Rural Water Income					
304240 - Water Sales	4,447.05	54,401.20	63,600.00	(9,198.80)	85.54 %
304275 - Colon Hook Up Fees	0.00	3,000.00	6,000.00	(3,000.00)	50.00 %
304295 - Colon Sewer Fees	2,633.60	32,179.95	31,000.00	1,179.95	103.81 %
304261 - Other Revenue	96.16	1,091.63	3,000.00	(1,908.37)	36.39 %
Total Rural Water Income	**7,176.81**	**90,672.78**	**103,600.00**	**(12,927.22)**	**87.52 %**
Investment Income					
304350 - Colon RW Interest - NPAIT	33.77	440.83	400.00	40.83	110.21 %
Total Investment Income	**33.77**	**440.83**	**400.00**	**40.83**	**110.21 %**
Rural Water District Expenses					
570201 - Water Purchase	1,552.31	14,167.10	17,200.00	(3,032.90)	82.37 %
570204 - Testing	30.00	246.00	600.00	(354.00)	41.00 %
570206 - Repair	0.00	228.89	2,400.00	(2,171.11)	9.54 %
570207 - Other Expenses	875.77	908.23	900.00	8.23	100.91 %
570208 - Lpnnrd Adm. Fee	222.35	2,720.07	3,300.00	(579.93)	82.43 %
570210 - Health/Life/Vision/LTD - ER	304.00	3,647.23	3,900.00	(252.77)	93.52 %
570211 - Dental - ER	32.59	391.08	450.00	(58.92)	86.91 %
570212 - 414H ER Contributions	88.52	1,148.50	1,260.00	(111.50)	91.15 %
570215 - ER Social Security Tax	209.57	1,644.50	1,620.00	24.50	101.51 %
570216 - ER Medicare Tax	49.01	384.58	390.00	(5.42)	98.61 %
570217 - Salaries	1,265.22	12,054.05	15,000.00	(2,945.95)	80.36 %
570219 - Fees And Licenses	25.68	282.48	600.00	(317.52)	47.08 %
570220 - Rural Water One-Call	(357.42)	52.31	75.00	(22.69)	69.75 %
570221 - Rural Water Hand Tools & Supplies	270.07	412.00	300.00	112.00	137.33 %
570222 - RW Dues And Memberships	0.00	330.00	330.00	0.00	100.00 %
570223 - Rural Water Gasoline	0.00	501.91	900.00	(398.09)	55.77 %
570224 - Rural Water Personnel Meeting	408.00	785.64	600.00	185.64	130.94 %
570229 - Rural Water Insurance Expense	0.00	0.00	600.00	(600.00)	0.00 %
570230 - Rural Water Equipment Rental	0.00	0.00	1,500.00	(1,500.00)	0.00 %
570231 - Rural Water Equipment Upkeep	0.00	560.11	1,500.00	(939.89)	37.34 %
570232 - Rural Water Compensated Absences	1,292.39	1,292.39	600.00	692.39	215.40 %
570305 - Colon - Annual Bond Payment	0.00	0.00	3,355.00	(3,355.00)	0.00 %
570308 - Colon Meter House Expense	81.78	1,844.13	1,250.00	594.13	147.53 %
570309 - Colon Sewer Collections	2,633.60	31,603.20	31,000.00	603.20	101.95 %
570330 - Colon RW Bad Debt Expense	0.00	0.00	1,000.00	(1,000.00)	0.00 %
Total Rural Water District Expenses	**8,983.44**	**75,204.40**	**90,630.00**	**(15,425.60)**	**82.98 %**
Total Change in Net Position	**(1,772.86)**	**15,909.21**	**13,370.00**	**2,539.21**	**118.99 %**

Lower Platte North NRD

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

	Year To Date 6/30/2025 *Actual*	Year Ending 6/30/2025 *Budget*	$ Difference Annual Budget	Percentage Annual Budget
Capital Improvements - Real Property				
Generator	74,648.74	60,622.00	14,026.74	123.14%
Storage Building 40x60	215,650.00	204,000.00	11,650.00	105.71%
Wahoo Creek Landright/Construction (Totals - Detail Below) WC Design/Flood Reduction Real Estate Svc, $469,696.18 WC Additional Dams, $1,105,127.45 WC Land Rights - Easements, $1,627,451.00	3,202,274.63	3,650,000.00	(447,725.37)	87.73%
Office Building	4,095,470.32	3,450,000.00	645,470.32	118.71%
Office Building - Furnishings/Infrastructure	46,236.03	150,000.00	(103,763.97)	30.82%
Cottonwood 21A	61,664.71	82,552.00	(20,887.29)	74.70%
Wanahoo FEMA Repairs (Breakwater Repairs/Spilling Basin Rehab) Breakwater Repairs - $99,845.02 Spilling Basin Rehab - $163,057.85 Wanahoo Repairs - $53,399.07	316,301.94	500,000.00	(183,698.06)	63.26%
Wanahoo Utility Improvements	5,155.00	35,000.00	(29,845.00)	14.73%
Wanahoo Fish Cleaning Station	0.00	15,000.00	(15,000.00)	0.00%
Wanahoo General Store	39,328.00	25,000.00	14,328.00	157.31%
Wanahoo Pedestal Upgrade	7,950.00	0.00	7,950.00	0.00%
Large Structure O&M Sinking Fund	0.00	100,000.00	(100,000.00)	0.00%
District Wide Flood Reduction Sinking Fund	400,000.00	400,000.00	0.00	100.00%
JWMAB Sinking Fund	0.00	440,000.00	(440,000.00)	0.00%
Total Capital Improvements - Real Property	**8,464,679.37**	**9,112,174.00**	**(647,494.63)**	**92.89%**
Capital Outlay				
Machinery & Equipment (Gooseneck Trailer, Dump Trailer, Boom Lift, Wanahoo Pontoon Boat, JD Mowers)	193,572.77	141,616.00	51,956.77	136.69%
Auto and Trucks (1/2 Ton Truck, Replacement Vehicle)	42,416.00	80,000.00	(37,584.00)	53.02%
Flow Meter	12,571.58	12,310.00	261.58	102.12%
Computer Equipment (Firewall/Switches)	34,615.93	0.00	34,615.93	0.00%
RW Billing Software & Reader	12,570.00	12,570.00	0.00	100.00%
Other Capital Outlay - Equipment	1,720.99	0.00	1,720.99	0.00%
Total Capital Outlay	**297,467.27**	**246,496.00**	**50,971.27**	**0.00%**
Debt Service Payments				
Colon RW Note	3,355.00	3,355.00	0.00	100.00%
Total Debt Service Payments	**3,355.00**	**3,355.00**	**0.00**	**100.00%**
Grand Total All Expenses w/o Depreciation	**12,958,795.30**	**14,087,479.00**	**(1,128,683.70)**	**91.99%**

Week #1

Lower Platte North NRD Time Sheet

Name Eric Gottschalk

Period Covered 6/28/28 to 7/4/28

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	6/28								
Sun	6/29								
Mon	6/30	7:30 am 1:15 pm	12:45 pm 5:00 pm	9.00		Leadership Team Meeting, Wahoo Creek, To Omaha, Personnel			
Tues	7/1	8:00 am 1:00 pm	12:00 pm 4:45 pm	7.75		Budget, Personnel, NRD - Interlocals,			
Wed	7/2	7:45 am 1:30 pm	12:45 pm 5:45 pm	9.25		Wahoo Creek, JEO - Flooring discussion, Personnel, Committee prep Budget			
Thurs	7/3	7:15 am 1:30 pm	12:30 pm 4:45 pm	8.50		Projects, Operations, Water & Exec. Committees, Budget			
Fri	7/4				8.00	4th of JULY			
		Week #1 Totals		34.5	8		0	$0.00	$0.00

Supervisor	Manager	Assistant Manager	Treasurer
Date	Date	Date	Date
	7/15/25		

I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT

Signature of person filing form — Date 7/15/25

Expenses

Mileage x 0.7	$ 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 7/5/28 to 7/11/28

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	7/5								
Sun	7/6								
Mon	7/7	7:30 am	12:30 pm	8.25		Leadership Team Meeting, Budget, Diode Technologies, Personnel			
		1:30 pm	4:45 pm						
Tues	7/8	8:00 am	10:30 am	6.75		Personnel, Budget, District Management,			
		11:00 am	12:45 pm						
		1:45 pm	3:00 pm						
		3:45 pm	5:00 pm						
Wed	7/9	8:00 am	12:45 pm	8.75		Budget, Board meeting prep, Wanahoo deposits/envelopes,			
		1:00 pm	5:00 pm						
Thurs	7/10	8:00 am	1:15 pm	5.25		District Management, NRCS Meeting - Wahoo Creek Bills and payments,			
Fri	7/11	8:00 am	12:30 pm	8.50		Board meeting prep, Budget review & prep Houston Eng. prep for board meeting			
		12:45 pm	4:45 pm						
			Week #2 Totals	37.5	0		0	$0.00	$0.00
			Totals Week #1	34.5	8		0	$0.00	$0.00
			Two Week Totals	**72**	**8**		**0**	**$0.00**	**$0.00**

Annual Leave & Sick Leave

	Previous Balance	Earned This Pay Period	Used This Pay Period	New Balance
Annual Leave	233.75	8.00	0.00	**241.75**
Sick Leave	772.00	4.00	0.00	**776.00**

#	Program Areas	Hours
11	Administration	29.00
14	District Management	35.50
15	Personnel	4.50
31	I&E Administration	
41	O&M Administration	
51	Projects Administration	3.00
61	Water Administration	
71	Rural Water Administration	
52	Conservation Program	
Holiday		8.00
1	Annual Leave	
2	Sick Leave	
Other		
	Total:	**80**

RESET FORM

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

Week #1

Lower Platte North NRD Time Sheet

Name Eric Gottschalk

Period Covered 7/12/25 to 7/18/25

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	7/12								
Sun	7/13								
Mon	7/14	7:30 am 1:45 pm	12:30 pm 9:30 pm	12.75		Leadership Team Meeting, Board meeting prep, Personnel, Budget			
Tues	7/15	7:30 am 9:00 am 1:00 pm	8:15 am 12:00 pm 5:00 pm	7.75		Staff Meeting, To Columbus NRCS - SCWIG meeting, Time sheets, Board meeting follow-up			
Wed	7/16	8:00 am 1:45 pm	12:45 pm 4:30 pm	7.50		Personnel, Budget, District Management, Wahoo Creek Land Rights			
Thurs	7/17	8:00 am	1:00 pm	5.00		Budget, DIstrict Management, Wahoo Creek Wanahoo expenses			
Fri	7/18	8:00 am 1:15 pm	12:45 pm 4:30 pm	8.00		Budget, Wahoo Creek, NRCS meeting, Meeting w/Houston Eng. - Bob Gregalunas			
			Week #1 Totals	41	0		0	$0.00	$0.00

Supervisor	Manager	Assistant Manager	Treasurer
Date	Date	Date	Date
	7/29/25		

I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT

Signature of person filing form — Date 7/29/25

Expenses

Mileage x 0.7	$ 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 7/19/25 to 7/25/25

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	7/19								
Sun	7/20								
Mon	7/21	7:30 am 1:30 pm	12:45 pm 4:45 pm	8.50		Leadership Team Meeting, Wanahoo budget review, 2026 Fiscal Budget,			
Tues	7/22	8:00 am 1:30 pm	12:15 pm 4:45 pm	7.50		Wahoo Creek Construction Update, Window coverings meeting, Budget,			
Wed	7/23	7:45 am 1:00 pm	12:15 pm 4:30 pm	8.00		Budget meetings w/staff, Wanahoo Alternatives Review Meeting, Personnel, District Management			
Thurs	7/24	7:45 am 1:45 pm	12:45 pm 5:45 pm	9.00		Budget meetings w/staff, NRCS - Cottonwood 21-A meeting, Policy review			
Fri	7/25	8:00 am 1:30 pm	12:30 pm 4:30 pm	7.50		2026 Fiscal Budget, Wahoo Creek, District Management			
			Week #2 Totals	40.5	0		0	$0.00	$0.00
			Totals Week #1	41	0		0	$0.00	$0.00
			Two Week Totals	**81.5**	**0**		**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	776.00	4.00	0.00	**780.00**

#	Program Areas	Hours
11	Administration	31.00
14	District Management	37.00
15	Personnel	8.00
31	I&E Administration	
41	O&M Administration	
51	Projects Administration	4.00
61	Water Administration	
71	Rural Water Administration	
52	Conservation Program	
Holiday		
1	Annual Leave	
2	Sick Leave	
Other		
	Total:	**80**

RESET FORM

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

Preventative Maintenace Quotation

1010475 Lower Platte North NRD

Date: 5/8/2025

Service Plan: Silver

Equipment: Generac GMN# SD060
GSN# 3016666564

Location: 1616 County Rd 17
Wahoo, NE 68066

Attention: Ryan Chapman 402.432.0372

can do land for 1 hr

3 Year Agreement

	Year 1	Year 2	Year 3
Major:	$ 1,100.18	$ 1,144.19	$ 1,189.95
Minor:	$ 550.00	$ 572.00	$ 594.88
Quarterly:			
Quarterly:			
Load Bank:	$ 1,102.50	$ 1,102.50	$ 1,102.50

170

Total (No Load Bank): $ 5,151.20 _____

Total (Load Bank Incl.): $ 8,458.70 _____

**Initial by Selection

1 Year Agreement

	Year 1
Major:	$ 1,237.55
Minor:	$ 630.57
Quarterly:	
Quarterly:	
Load Bank:	$ 1,102.50

Total (No Load Bank): $ 1,868.12 _____

Total (Load Bank Incl.): $ 2,970.62 _____

**Initial by Selection

Print Name: _____

Signature: _____ Date: _____

Comments:** Pricing includes annual fuel analysis and annual fuel treatment***

Each service visit will be billed according to the type of visit completed and invoiced after the work has been performed per HM Cragg checklist guidelines. The field service report will be sent following the invoice. We appreciate your business and look forward to assisting you in all of your power generator servicing needs. **Contract proposals expire after 30 days.**

www.hmcragg.com / Jason Huntley-Service Sales Mgr /jason.huntley@hmcragg.com / (515) 802-8463
7490 Bush Lake Rd., Edina, MN 55439

VARIANCE REQUESTS

Variance requests for new and expanded irrigated acres in Restricted Development Areas and Non-Hydrologically Connected Areas are due by August 15.

Hydrologically Connected Areas are due by September 15.

For more information visit lpnnrd.org or call 402-443-4675.

LOWER PLATTE NORTH
Natural Resources District

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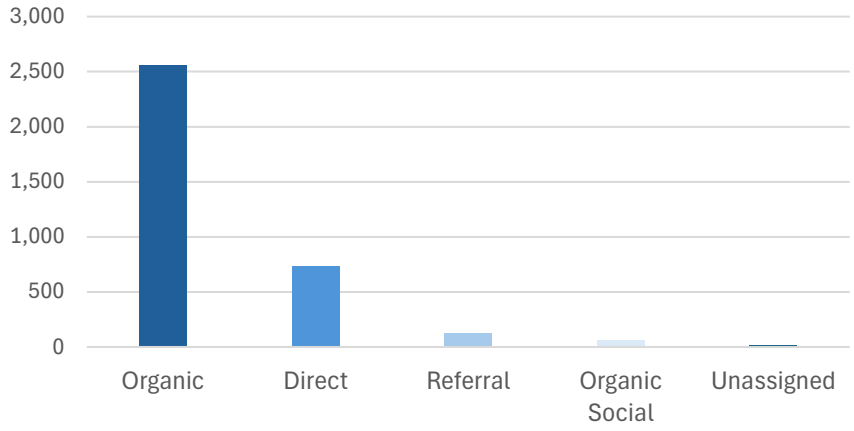
For more information visit lpnnrd.org or call 402-443-4675.

LOWER PLATTE NORTH
Natural Resources District

LOWER PLATTE NORTH Natural Resources District

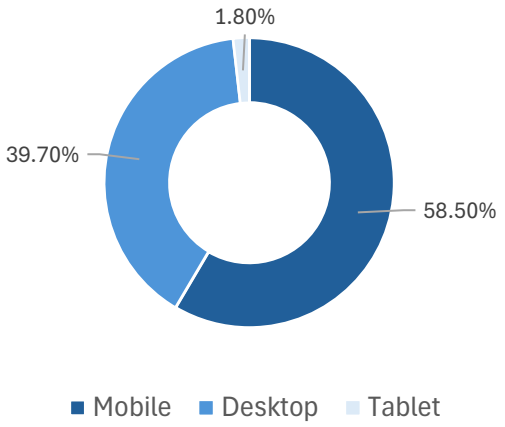
Traffic Channels



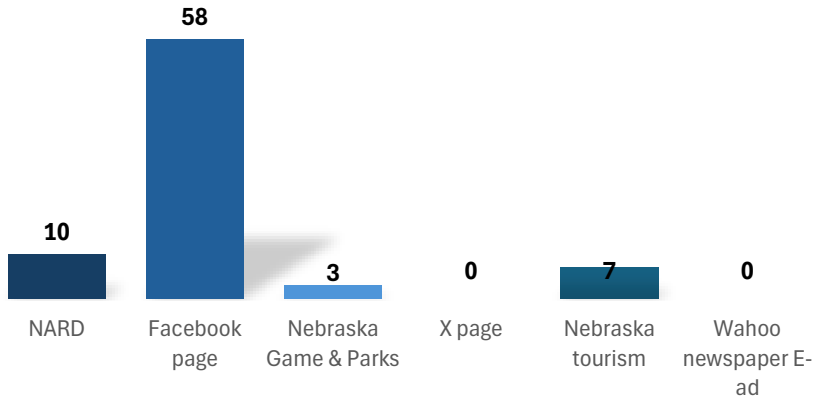
Users

3%

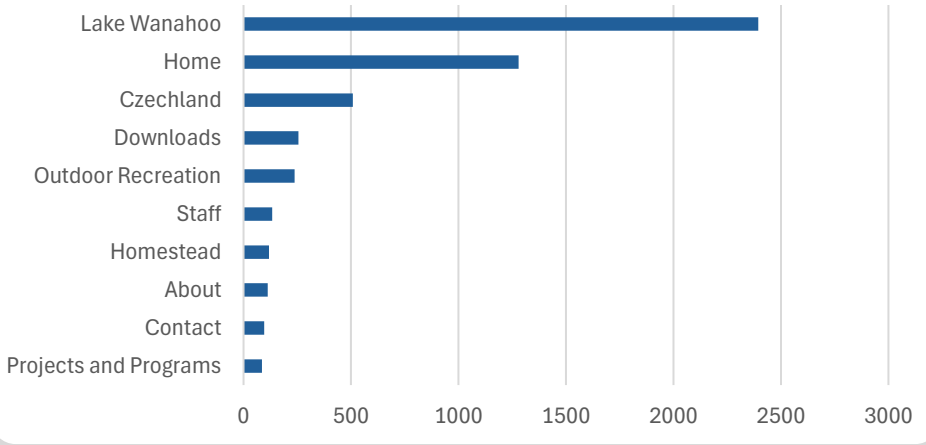
Devices



Traffic By Type

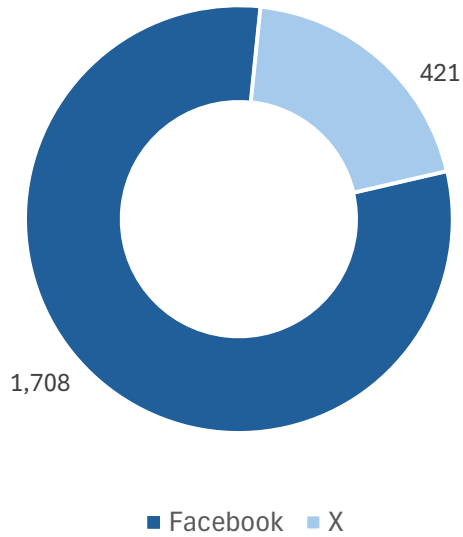


Website Top 10 Pages by Users



LOWER PLATTE NORTH Natural Resources District

Social Media Followers

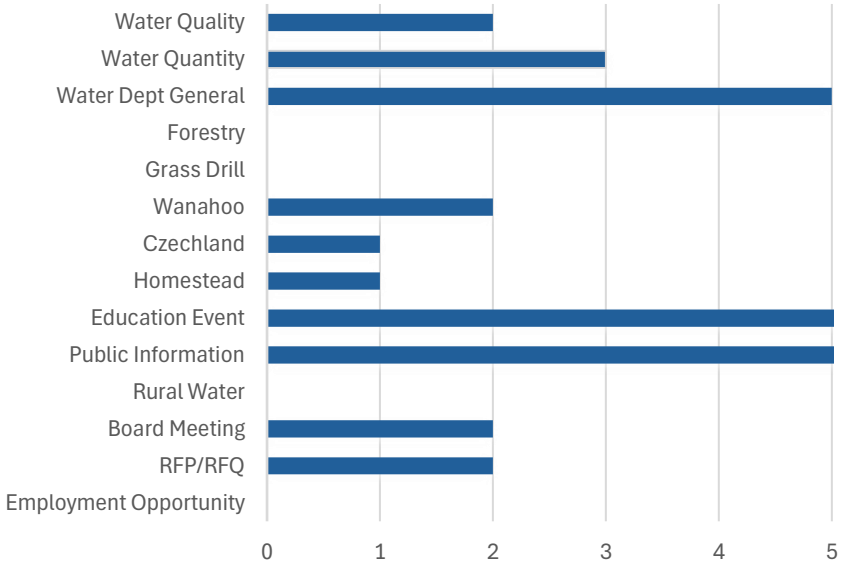


Facebook engagement ↑ 5%

X engagement ↑ 23%

July 1-29 Content

July 1-29 Post Categories



Wahoo Creek Watershed Construction
Page 3

Weather Monitoring
Page 4

Outdoor Adventures for All
Page 5

the VIADUCT

Lower Platte North Natural Resources District

Summer 2025

Investing in Clean Water: Incentives for Operators in the Wahoo Creek Watershed

The Lower Platte North NRD has partnered with the NRCS to promote best management practices for both row crop and livestock operations within the Wahoo Creek Watershed. Producers within the watershed may be eligible for financial assistance through the Environmental Quality Incentives Program (EQIP), or National Water Quality Initiative (NWQI). NRCS administers the EQIP program and has allocated money exclusively to the Wahoo Creek Watershed.

The main goal of the NWQI plan is to reduce the amount of both atrazine and *E. coli* within the watershed. There are currently 10 water bodies within the Wahoo Creek Watershed that are impaired from either of these two contaminants. Applicants can work with NRCS to develop and implement a plan that can help reduce the amount of *E. coli* and atrazine entering our waterways.

The practices in the NWQI plan range from high to low priority in the effectiveness of reducing these two contaminants. Practices that are deemed low priority must be bundled with a high priority practice to be eligible to apply. Some examples of high priority practices are cover crops, integrated pest management, and waste storage facilities. If a producer were looking to implement a practice that is low priority, like a grassed waterway, they would have to pair that with an integrated pest management practice to become eligible. This example creates an overall highly effective practice for the reduction of atrazine or *E.coli* from entering the watershed while also treating the producer's resource concern.

Anyone interested in applying should contact the Saunders County NRCS office to begin the application process. If you have more questions about the program, please call Jake Maslonka at the LPNNRD. You can also visit lpnnrd.org for a list of practices and more information.

Final Bend of Shell Creek Benching Project Completed

The Shell Creek Watershed Improvement Group (SCWIG) continues to invest in conservation practices throughout the watershed. SCWIG is a locally led group of dedicated individuals created over 25 years ago who lead grassroots initiatives to improve water quality in Shell Creek. Their mission aligns seamlessly with the LPNNRD to collaborate with and open doors for project funding.

The "final bend" benching project looking south from the new county road bridge after recent heavy rains that historically would've caused localized flooding but were contained within the Shell Creek banks.

The partnership has yielded extensive results over the past decade; utilizing grants through the Environmental Protection Agency (EPA), Nebraska Department of Environment and Energy, Nebraska Environmental Trust, Colfax County, and local NRD funds, SCWIG has provided:

- Over $120,000 to upgrade septic systems to EPA certified levels
- Built three streambank stabilization structures to provide protection to county road bridge infrastructure
- Assisted livestock producers to install solar wells, tanks, and fencing to provide fresh water and keep cattle out of the creek.
- This summer, along with Colfax County and Union Pacific Railroad, completed the final phase of a wetland benching project

continued on page 3

THE VIADUCT
vol 34 issue 1
Summer 2025

Lower Platte North NRD Board & Staff

Board Member	Subdistrict
Lon Olson, Fremont	1
Anthony Hanson, Fremont	1
John Goldsberry, Fremont	2
Bill Saeger, Fremont (Secretary)	2
Dave Saalfeld, North Bend	3
Andrew Tonnies, North Bend	3
Chris Yosten, Schuyler	4
Matt Bailey, Schuyler	4
Mark Seier, Newman Grove (Treasurer)	5
David Lawrence, Columbus	5
Joe Birkel, David City	6
Robert Hilger, David City	6
Ryan Engel, Fremont	7
Ryan Sabatka, Weston (Chairman)	7
Jerry Johnson, Wahoo	8
Roger Harders, Wahoo	8
Duane Johnson, Mead	9
Robert Meduna, Wahoo (Vice-Chair)	9
Thomas McKnight, Fremont	at large

Staff Member	Position
Sydney Abbott	Education Coordinator
Daryl Andersen	Water Resources Manager
Kaitlyn Bargen	Water Resources Specialist
Brandon Beethe	GIS/Grants Coordinator
Jill Breunig	Bookkeeping Dept. Head/ Admin. Assistant
Adam Brockmann	NRD/NRCS Conservation Tech
Ryan Chapman	Assistant Manager
Sean Elliott	Projects/Rural Water Manager
Eric Gottschalk	General Manager
Bob Heimann	O & M Manager
Jake Maslonka	Water Quality Program Coordinator
Dave Moore	O & M Technician
Sean O'Brien	O & M Technician
Dave Odvody	Recreation Facilitator
Jake Pittman	Water Resources Tech
Karen Rezac	Dept./Admin Assistant
Lacey Sabatka	Information Coordinator
Jon Speichinger	Recreation Supervisor/O&M
Jacob Stover	Water Resources Specialist

NRD/NRCS Field Office Assistant	County
Kimberly Piitz	Butler County
Kristin Miller	Colfax County
Jessica Marty	Dodge and Saunders Counties

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Sign up at lpnnrd.org or send an email to lpnnrd@lpnnrd.org

LOWER PLATTE NORTH NRD
protecting lives | protecting property | protecting the future
1616 County Road 17, Wahoo
(402) 443-4675 | www.lpnnrd.org

From the Desk of the General Manager


Eric Gottschalk

Lower Platte North Natural Resources District: Your Route to Conservation

Muzzy Miller…under the welcome mat, Mrs. Holt…in the mail slot; Texels…milk box…Those of you who had a paper route growing up, know exactly what this means.

For nine years, from the 70's to early 80's, my three brothers and I all delivered the Omaha World Herald to nearly 80 households in the northeast neighborhoods of Wahoo. Getting up early every morning, stuffing the Sunday edition with ads and comics and walking door-to-door on Saturday afternoons collecting from customers were responsibilities kids like us took on when managing our routes.

Reflecting back, I appreciate the skills and habits managing a paper route taught young people like me. Rising early each morning, looking people in the eye when speaking, listening and communicating with customers regarding concerns, working to find the most efficient delivery route and the power of a positive attitude (while trudging through snow and rain) are all skills and habits I developed years ago as a paper boy.


Eric, his brothers, and their Mom Donna heading out on their morning route.

At Lower Platte North NRD, we have an amazing staff, ready, willing and able to work with you in your conservation efforts on your farm, your home or in your community. While not all our staff have had the experience of delivering papers, I promise you, they will ALL look you in the eye when speaking, will listen and communicate regarding your concerns and work alongside you, assisting as you work to achieve your conservation goals and objectives. Stop out and see us when you have time at our new office located at 1616 County Road 17 in Wahoo.

As I mentioned earlier, many of our customers had specific locations to have their papers delivered. We also had other amazing customers like Orv and Karen Johnson who's only request was "Please get our paper SOMEWHERE on the porch". Karen and Orv, hopefully your World Herald was safe and dry MOST mornings when you went out to pick up your news.

Eric Gottschalk, LPNNRD General Manager

Please note in this issue: Lower Platte North Natural Resources District may be abbreviated to Lower Platte North NRD, LPNNRD or NRD.

Shell Creek, continued from page 1 along the final three miles of Shell Creek as it meets the Platte River. This project included building a "benched wetland" within the banks of Shell creek, a larger UPRR bridge and county road bridge, to allow for flood flows to stay within the banks of the creek and reach the river.

- Future plans include: additional streambank/grade stabilization structures, continued septic system upgrades, and educational outreach opportunities.

Lower Platte North NRD Relocates to a New Office Space

The Lower Platte North Natural Resources District (LPNNRD) is pleased to announce the relocation of its main office located at: 1616 County Road 17, Wahoo, NE 68066.

This move marks a significant milestone for the LPNNRD, following extensive discussions and planning by staff and the 19-member Board of Directors since preliminary preparations began in 2022. The decision to relocate was first discussed by the LPNNRD board in 2011 and driven by the limitations of the previous office at 511 Commercial Park Road in Wahoo, which was landlocked and offered no room for necessary expansion. On May 9, 2025, the former building was sold at a public auction and will now go back onto the property tax roles.

Lower Platte North NRD's new office located on the southwest side of Lake Wanahoo near Wahoo.

The new office is located on the southwest corner of the Lake Wanahoo NRD Recreation Area, on land already owned by the LPNNRD. The new site offers unlimited expandability, addressing the previous challenge of being landlocked.

While our address is changing, the LPNNRD's unwavering commitment to protecting Nebraska's natural resources for future generations remains the same. We look forward to continuing our crucial work in local conservation, water quality and quantity management, forestry, and environmental education.

Our phone number, (402) 443-4675, website, www.lpnnrd.org, and office hours–Monday through Friday, 8:00 AM to 4:30 PM–remain the same.

Wahoo Creek Watershed Dams Construction Underway

The Lower Platte North NRD broke ground on the Wahoo Creek Watershed flood reduction project last fall.

The riser inlet under construction at site 27.

The watershed plan calls for the construction of nine earthen embankments to reduce the flood damages within the watershed by nearly a third.

The first three structures are scheduled to be completed in the fall of 2026. The NRD is currently acquiring the remaining land rights on the final sites and finalizing design. Olsson was contracted by the NRD for engineering and land right acquisition services. Additionally, Thompson Construction Inc., of Fremont, is the general contractor for the first three sites currently under construction.

The Wahoo Creek Watershed is part of the Natural Resources Conservation Service's (NRCS) Watershed Flood Protection and Operations (WFPO) program and is being funded through the State of Nebraska's Jobs and Economic Development Initiative (JEDI) fund.

The plunge pool spillway outlet for site 27.

Workers grouting the 24" concrete pipe spillway.

Local 4-H and FFA Projects Receive Assistance from LPNNRD

Three local high school students were recently awarded funding to assist with their natural resources projects. The mission at the LPNNRD is the conservation, preservation, and wise use of our natural resources. The newly established Natural Resources Grant was created after multiple requests to assist high school students with grant monies that will aid them in completing a project within their community that aligns with the mission of the NRD. The types of projects available for funding are FFA Supervised Agricultural Experiences (SAE), seminar class projects, 4-H projects, and community engagement activities.

Funding recently awarded to students will assist with the following projects:

Local Projects, continued from page 4

- **Becca Podolak, member of Always Busy Clovers 4-H club** is working with staff from the Butler County Hospital and Butler County Extension office to expand the community garden housed behind a nursing home in David City. The funding will give the nursing home residents a beautiful garden to visit, and help grow additional produce for hospital patients and low-income families within Butler County.
- **William Podolak, member of Aquinas FFA Chapter** in David City will use funding for a grow tower and supplies to be used with their plant science class. This will provide learning opportunities for water efficiency, food to be used during school lunches, and allow students to use it for various SAE Projects.
- **Bishop Neumann FFA Chapter** in Wahoo plans to expand their currently successful vegetable growing efforts to provide additional vegetables at the school's salad bar and within the community such as the local food pantry, senior center, and others in need.

LPNNRD looks forward to the successful future of these projects and their efforts to help their communities!

Internships Provide College Students with Natural Resources Experience

Each summer, LPNNRD offers college students who are pursuing careers in natural resources, water resources, environmental science, agriculture or a related major, an opportunity to learn more about Nebraska's NRDs. The interns work with the Operations and Maintenance Department to assist in tree planting, dam site maintenance, site inspections, property and vehicle maintenance, and other operational duties. The interns also work with the Water Resources Department to verify flow meters, perform variance and well permit checks, complete chemigation inspections, sample wells for water quality and quantity, and other various water related activities.

These internships offer a strong foundation for students pursuing careers in natural resources, environmental science, and agriculture. The diverse work experience gained is beneficial for their intended career path but also for building crucial personal and professional skills. One such invaluable skill is adaptability.

Working in natural resources means constantly responding to dynamic conditions. The weather, for instance, can be highly unpredictable during the summer months. Interns quickly learn to navigate these fluctuations, and transition to alternative tasks, demonstrating problem-solving skills. Additionally, the hands-on exposure and practical skills like data collection and equipment operation makes this internship an essential stepping stone for future career paths.

If you or someone you know is interested in a future internship at LPNNRD, contact us at 402-443-4675 or visit our website at lpnnrd.org/downloads, then employment opportunities to learn more.

Weather Station Monitoring Available Across the District

Area residents can now access LPNNRD's METOS weather station network. This service provides valuable local weather data collected from various stations strategically placed across the district.

Q&A with Jacob Stover, Water Resources Specialist coordinating the weather stations.

Where are the weather stations placed?

The overall goal is to have a weather station every 5 or so miles apart. This distance gets shrunk and stretched in different parts of the district due to suitable placements and the willingness of landowners.

What needs to be considered when placing a weather station?

The weather station is solar powered and takes rain readings as well. The stations must be placed a good distance away from trees or buildings that are taller and could keep rain from entering the rain bucket with different wind directions. The station also needs to be level due to the digital rain gauge using a tipping bucket for calculating rainfall.

Weather station positioned alongside a monitoring well.

What is the data used for?

All the data that is being collected is for the public's use as well as the use of the NRD. On the public side, this data could be useful for tracking rainfall for farming, gardening, and lawn care. It also tracks DeltaT, which is a pesticide effectiveness parameter. On the NRD's side, the data is useful for tracking rainfall to compare groundwater recharge and groundwater levels. It can also be used for monitoring rainfall that contributes to varying stream and river levels and if conditions could lead to flooding. We also use it to know how much it rained and where to decide if it's a good idea to do field work around the district. We never want to tear up anybody's fields or contribute to compaction.

What can I monitor?

The parameters that are measured are: temperature, dew point, vapor pressure deficit (VPD), relative humidity, precipitation, and DeltaT (commonly used as indicator for suitable spraying conditions for pest management).

How do I access the data?

Visit www.lpnnrd.org. Hover over the 'Projects and Programs' tab, then 'Water Management' tab, then 'Monitoring Programs' *continued on page 6*

Outdoor Adventures For All Ages

Are you ready to explore hidden gems in Nebraska? Go camping, view wildlife, test your luck at fishing, take nature walks, explore bike trails and more! The NRD Recreation Exploration challenges you to visit as many Natural Resources District recreation areas as you can between March 1, and September 19, 2025. It's simple: visit an NRD recreation area, snap a photo, and submit it online at https://www.nrdnet.org/nrd-recreation-exploration-entry-form for a chance to win great prizes!

This is the perfect opportunity to discover a new favorite spots right here in Nebraska. The Lower Platte North NRD offers three locations for outdoor enthusiasts to enjoy fishing, no-wake boating, hiking, camping, and more at Czechland Lake near Prague, Homestead Lake near Bruno, and Lake Wanahoo near Wahoo.

And while you're out and about, Lake Wanahoo NRD Recreation Area has a fantastic lineup of summer events designed to get everyone outside and exploring:

- **Wildflowers and Wine (August 4):** Enjoy the beauty of native wildflowers paired with a relaxing evening of wine tasting.
- **Coffee, Lakeside (August 7):** Start your morning with fresh coffee and donuts plus a great chat and view.
- **Nocturnal Night (August 7):** Discover the creepy crawly creatures in the night as Lake Wanahoo comes alive after dark.
- **Starry Night (September 22):** Stargaze with telescopes, explore the StoryWalk, and learn how plants and animals interact with the moon and stars.

More details about these events are available at lpnnrd.org, facebook.com/lpnnrd, and x.com/LPNNRD.

Join Us in Welcoming New Staff at LPNNRD

Jake Maslonka joined the LPNNRD at the beginning of 2025 as the Water Quality Program Coordinator. Jake developed his natural resources experience as an intern for the LPNNRD in 2016, the Upper Big Blue NRD from 2020-2022, followed by the City of Lincoln as an arborist. Jake and his fiancé will get married in August; they currently reside in Lincoln with their dog, Gus.


Jake Maslonka

Jake Pittman joined in March as a Water Resources Technician. Later this year, he will transition to a Water Resources Specialist, with a dedicated focus on water quality initiatives. Jake brings experience in environmental science, having graduated from UNL in December 2024, and a two-year Environmental Management internship with Union Pacific Railroad.

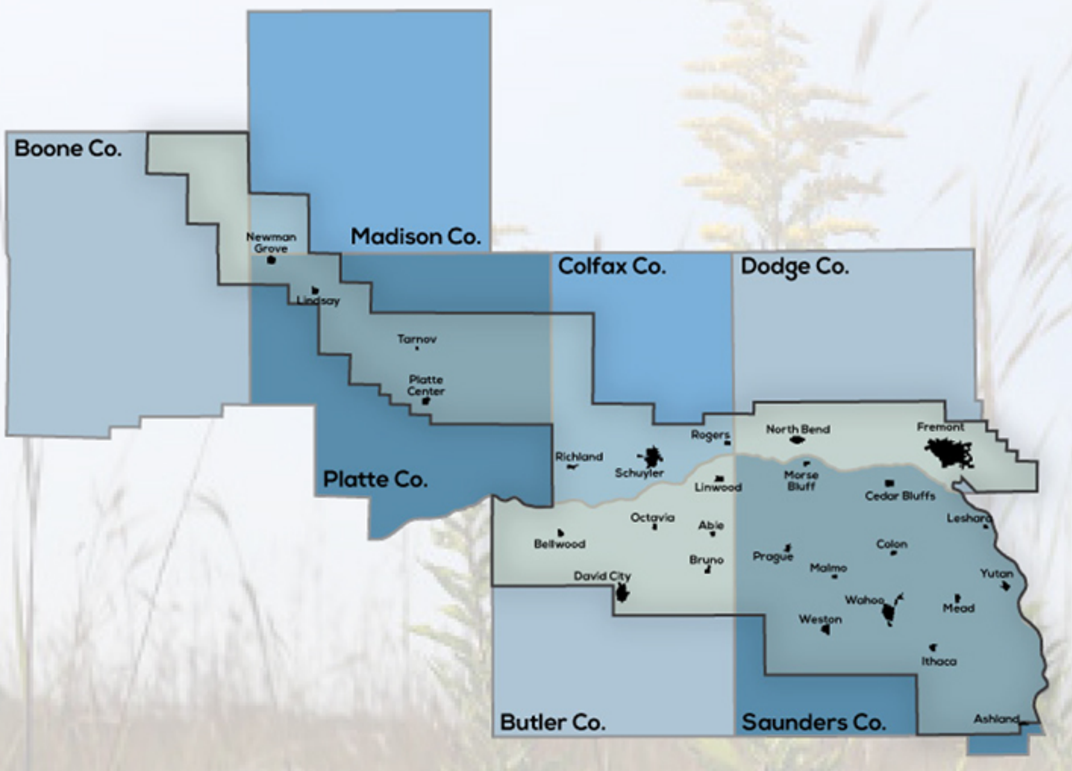

Jake Pittman

Sean O'Brien joined LPNNRD in April of 2025. He was born in Lincoln and moved to Chadron in 2013 before settling most recently in Valley. As the eldest of three siblings, his background includes familiar ties to natural resources management with his dad currently managing the Upper Niobrara White NRD. Sean brings hands-on experience from working on a ranch near Chadron and valuable mechanical skills from Honda, Yamaha, and Stihl dealership shops. Furthermore, he has been a dedicated volunteer firefighter since 2022. Sean is an avid outdoorsman who enjoys hunting, fishing, and water sports, and is a proud Nebraska fan through and through.


Sean O'Brien

We're delighted to have these three join the staff at the Lower Platte North NRD and invite you to stop by and introduce yourself to them!

WE ARE THE LOWER PLATTE NORTH NRD



LOWER PLATTE NORTH NATURAL RESOURCES DISTRICT

The Lower Platte North Natural Resources District, based in Wahoo, covers parts of seven counties in east-central Nebraska. There are 23 NRDs in Nebraska, charged with developing and protecting the state's natural resources.

In pursuing this mission, the districts often partner with landowners and other government agencies, such as the Natural Resources Conservation Service.

The Lower Platte North NRD is governed by 19 locally-elected directors from nine subdistricts, and employs 18 full-time staff members (see current NRD directors and staff on page 2). The district is funded by a combination of property taxes and grants from local, State and Federal sources.

Groundwater Management

Beneath Our Feet: the Future of Groundwater

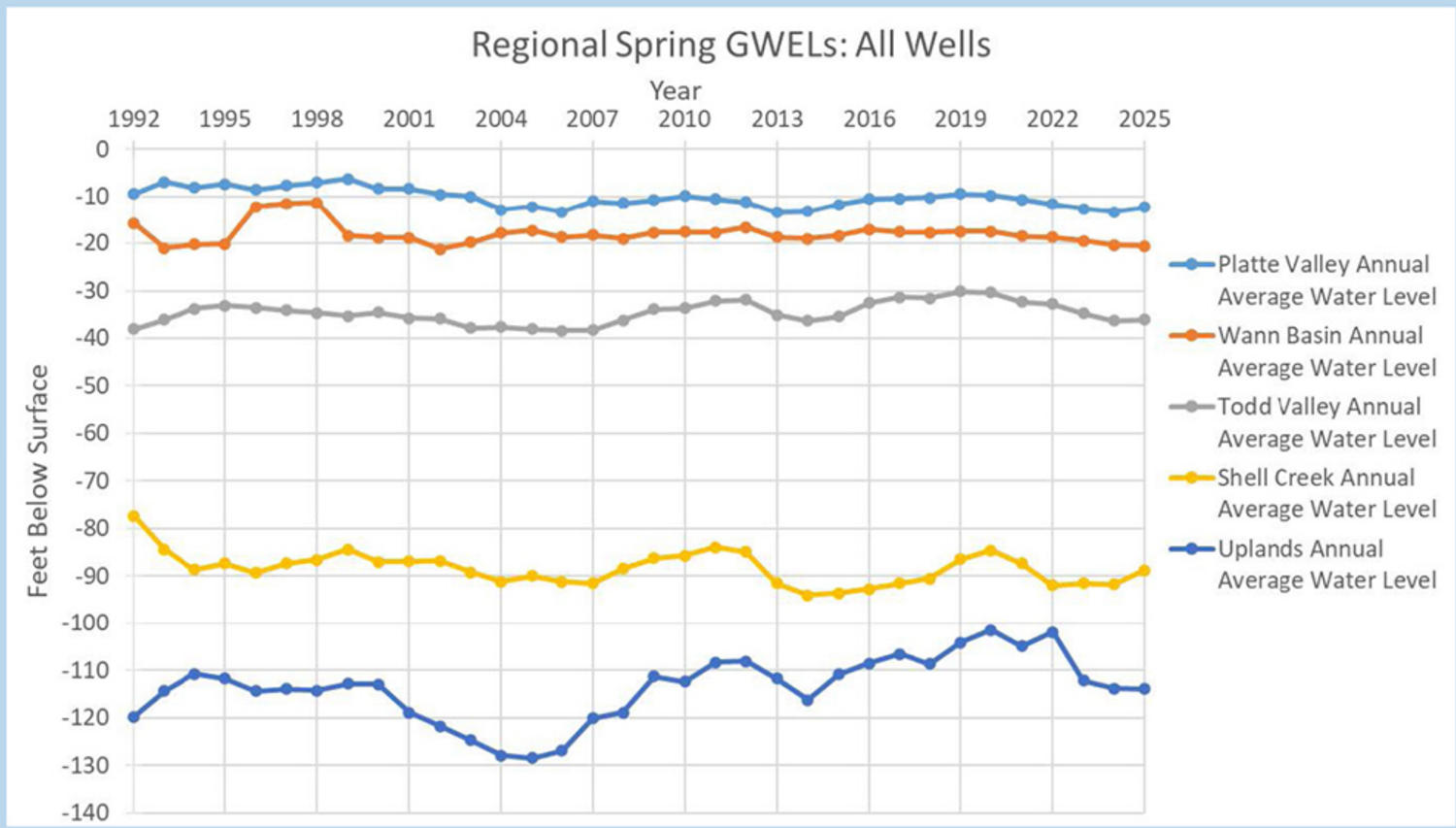
How does the Lower Platte North NRD ensure sustainable groundwater for generations to come? The answer lies in a carefully crafted document called the Groundwater Management Plan. The first plan was developed in 1987 with the most recent update completed in 1995. Over the last 30 years, the NRD has completed additional studies, research projects and updated maps on water quality and water quantity.

Over the last year, the NRD has been updating the Groundwater Management Plan. This plan will serve as a guideline for how the district will manage groundwater for future generations. The plan includes but is not limited to new aquifer sub-area maps, updated geological information and revised goals and objectives that are vital to water quality and quantity. The NRD utilized data from Airborne Electromagnetic Survey (AEM), hydrogeological assessments, groundwater levels and water sampling results to update the plan.

Over the course of reviewing and updating the plan, the NRD has held stakeholder and public meetings, as well as frequent meetings with the NRD Water Committee board members to finalize the plan. A final public hearing will be held after all comments are addressed. The public can review the plan by contacting the NRD office for a draft copy. After the plan is finalized, the Groundwater Rules and Regulations can be reviewed and updated if deemed necessary.

Spring Groundwater Levels by Region

One of the responsibilities of the LPNNRD is conducting water level measurements of groundwater. These levels are invaluable to monitoring so that groundwater remains available for future generations. Groundwater is used by 85% of the Nebraskans for human and livestock consumption, irrigation and industrial use.



LPNNRD has completed its 2025 spring water level measurements and analyzed the data. Four aquifer areas exist within the NRD boundaries: Uplands, Platte Valley, Todd Valley and Shell Creek. The water level analysis looks at these areas separately for a better representation of that area. The chart was made by taking the average distance to water from the ground surface for each year in each region of the district. The plot does fall short, however, in that the number of wells that were tested has increased each year to get more accurate data. Earlier data was made with less data points within each region, making the earlier data less reliable compared to recent data. Visit lpnnrd.org for more detailed information on region locations.

Weather Stations continued from page 5 tab. Scroll down on this page to the titled section 'FieldClimate Weather Station Network'. The PDF will walk you through how to access the data and view it. If you are having trouble with this or have additional questions, please feel free to email Jacob at jstover@lpnnrd.org.

Disclaimer: The LPNNRD makes no guarantee regarding the accuracy of this data and takes no responsibility for any consequences that may arise from its application. LPNNRD advised that none of the data collected from this network is reviewed or verified by professional meteorologists or agrometeorologists.

Wildflowers & WINE

Monday, August 4

6:00 P.M. - 9:00 P.M.

Clint Johannes Education Building
East side of Lake Wanahoo
1655 County Road 16, Wahoo

5:45 p.m. **Doors open** This educational event is open to all

6:00 - 7:15 p.m. **Presentations**
Lower Platte North NRD: landscaping for moths, new Native Nook Program
Monarch Joint Venture: who they are, monarch habitat, monitoring for monarchs

7:30 p.m. **Habitat walk**

8:00 p.m. **Wine tasting** ID's will be checked

LOWER PLATTE NORTH Natural Resources District

CELLAR 426 wines & vines

MONARCH JOINT VENTURE

NATIVE NOOK

Restoring nature, one nook at a time

LOWER PLATTE NORTH
Natural Resources District

APPLICATION FOR A PERMIT TO CONSTRUCT A WATER WELL
IN THE *LOWER PLATTE NORTH NATURAL RESOURCES DISTRICT*

DNR & NRD USE ONLY
Permit No. _____ Date Approved/Denied _____ NRD Representative _____
Permit Type: New, Replacement or Late Date Received _____ Paid: Cash or Check
Date Post-inspected _____ Registration No. _____ Updated Form: June 2022

ALL APPLICANTS SEEKING A WATER WELL PERMIT MUST COMPLETE PAGES 1 AND 2, AND THE APPROPRIATE SECTION BASED ON THE PURPOSE OF THE WELL. (CLASS 1 – 4 WELL PERMIT)

WATER WELL PERMITS FOR IRRIGATED ACRES GREATER THAN 160 ACRES IN SIZE OR TOTAL ANNUAL WATER USE BETWEEN 150 AND 300 ACRE FEET PER YEAR MUST COMPLETE PAGES 1, 2, AND 3, AND THE APPROPRIATE SECTION BASED ON THE PURPOSE OF THE WELL. (CLASS 3 WELL PERMIT)

WATER WELL PERMITS FOR TOTAL ANNUAL WATER USE EQUAL TO OR GREATER THAN 300 ACRE FEET PER YEAR, REGARDLESS OF NUMBER OF IRRIGATION ACRES, MUST COMPLETE PAGES 1, 2, AND 4, AND THE APPROPRIATE SECTION BASED ON THE PURPOSE OF THE WELL. (CLASS 4 WELL PERMIT)

1. NAME AND ADDRESS OF **LAND OWNER:**
Lindsay Manufacturing
214 E 2nd Street
Lindsay, NE 68644
Phone: _____

NAME AND ADDRESS OF **CONTACT:**
Gary Stokes - Plant Manager
_____
_____
Phone: (402) 920-1829

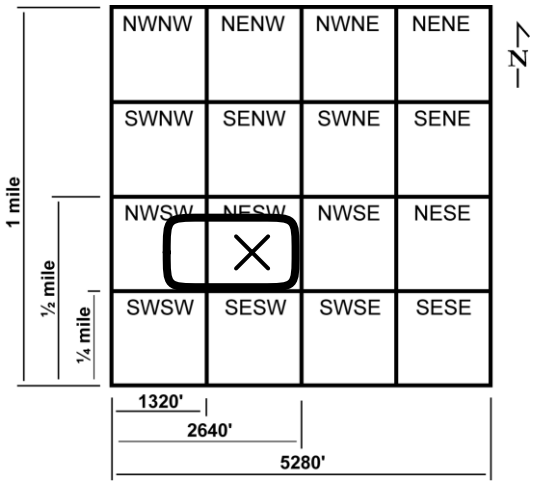
2. PURPOSE OF NEW WATER WELL (indicate one):
__ Irrigation (Complete section A)
__ Livestock (Complete section C)
__ Industrial (Complete section E)
__ Recovery or Remediation (Complete section G)
__ Dewatering (Over 30 days, Complete section B)
__ Domestic (Irr. on one acre or larger, Complete section D)
__ Public Water Supply (Complete section F)
✓ Other (specify) Pivot Testing (Complete section H)

3. IDENTIFY LOCATION OF PROPOSED WELL:

A. Platte County, NE ¼ of the SW ¼ of Section 17, Township 20 North, Range 3 East/West (circle one)

B. The box at the right represents one square mile, (section). Indicate with an "X", the proposed location of the well. Outline the proposed water use area. If the water is to be used outside the above written legal description, give legal description of water use area,
____ ¼ of the ____ ¼ of Section ____,
Township ____North, Range ____ East/West.

C. The well will be located 1700 feet from the North/South section line, and will be 1600 feet from the East/West section line. Or enter Lat. / Long.
Latitude Degree _____ Minute _____ Second _____
Longitude Degree _____ Minute _____ Second _____



4. REPLACEMENT AND ABANDONED WELL INFORMATION:

A. Is this a replacement well? __ Yes, ✓ No If yes, fill out the rest of this section.
B. Registration number of well to be replaced: _____
C. Well to be replaced was last operated (month/year): _____
D. Replacement well is _____ feet from original well.
E. Decommissioning of Original well on (month/day/year): _____
F. If water use is for irrigation, list the number of acres watered by the original well: _____
G. If water use is for irrigation, will replacement well, water the same tract of land as the decommissioned well? __ Yes, __ No: If No, list the number of additional acres _____ and legal description ____ ¼ of the ____ ¼ of Section ____, Township ____ North, Range ____ East/West. (circle one)

- A replacement water well must deliver water to the same tract of land as the original water well, pump from a comparable aquifer, and yield approximately the same gallons per minute and total annual water use as the original water well.

5. SPECIFICATIONS OF INTENDED WELL AND PUMP:

A. Approximate date when construction will begin (month/day/year): 10/1/2025
B. Expected total well depth: 120 feet.
C. Well Casing Diameter: 16 inches.
D. Pump Column Diameter: 8 inches.
E. Estimated pumping capacity: 600 GPM.
F. Expected total annual water use in Acre Inches / Year _____ or Total Gallons / Year 750,000
G. The system is to be powered by ✓ Electric __ Fuel
H. Will the well be used in a system with other wells? __ Yes, ✓ No. If Yes, How many _____
List well registration number and legal description of each well in Section 6 below.
I. Name of Well Driller: Grosch Irrigation Co., Inc. (Please attach test hole log, if available.)

6. List additional information requested in this Section or attached additional sheet.

_____
_____
_____
_____
_____
_____
_____
_____
_____

7. Addition information and requirements for Lower Platte North NRD review.

- Attach current tax assessor records including map, parcel number, and current land use such as irrigated acres.
- Attach aerial photo showing location of water source(s) and area water or reuse water is to be used.
- All new and replacement water wells must install a District approved flow meter and report water pumped annually to the LPNNRD by January 31st of the following year. See approved list in this packet.
- Water well permit conditions maybe required for approval by the Lower Platte North NRD for each individual well.

8. I certify that I am familiar with the information contained in this application, and it's restrictions, rules and regulations and that to the best of my knowledge and belief such information is true, complete and accurate.

Date _____ Signature of Applicant _____
Signature of Well System Operator, if different than Applicant _____
NRD Certification Number of Landowner or Operator _____ (Required for irrigation, livestock, domestic (with irrigation on one acre or more of land), industrial, and public water supply wells.)

9. Lower Platte North NRD Use Only. Comments by District Representative.

_____
_____
_____
_____
_____
_____
_____

File: WellPermit2008_050908.doc

APPLICATION FOR A PERMIT TO CONSTRUCT A WATER WELL
IN THE *LOWER PLATTE NORTH NATURAL RESOURCES DISTRICT*

WATER WELL PERMIT FOR IRRGATED ACRES GREATER THAN 160 ACRES IN SIZE OR TOTAL ANNUAL WATER USE BETWEEN 150 AND 300 ACRE FEET PER YEAR, PROVIDE INFORMATION REQUESTED ON PAGES 1, 2, AND 3. (CLASS 3 WELL PERMIT)

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10. WATER SOURCE INFORMATION:

In a TWO-mile radius around the water source location, provide the following information to the LPNNRD in both paper copy and electronically in Excel Spreadsheet (Microsoft) or Access Database (Microsoft) format.

A. List of all registered wells in this area giving registration number, well identification number, legal description, latitude / longitude or UTM coordinates in NAD 83, elevation in feet above mean sea level, and well log for each well.
B. List of all test holes in the area that have been published by Conservation and Survey Division of the University of Nebraska.
C. List of all surface water rights in this area giving appropriation number, priority date, legal description, use, status, current total acres (if applicable), and grant amount.

---

11. WATER USE LOCATION INFORMATION:

In the location where the water will be used, provide the following information to the LPNNRD in both paper copy and electronically in Word (Microsoft) format.

A. Description of expanded water use including: latitude / longitude or UTM coordinates in NAD 83 of water use location and timeframe or schedule when water will be used.
B. Amount of water that will be reused or recycled at this new location.
C. Description of how water will be used at this new location, i.e. process water vs. cooling water, etc. and estimated total annual water use for each purpose.

APPLICATION FOR A PERMIT TO CONSTRUCT A WATER WELL
IN THE *LOWER PLATTE NORTH NATURAL RESOURCES DISTRICT*

WATER WELL PERMIT FOR TOTAL ANNUAL WATER USE EQUAL TO OR GREATER THAN 300 ACRE FEET PER YEAR, REGARDLESS OF NUMBER OF IRRIGATED ACRES, PROVIDE INFORMATION REQUESTED ON PAGES 1, 2, AND 4. (CLASS 4 WELL PERMIT)

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12. WATER SOURCE INFORMATION:

In a FIVE-mile radius around the water source location, provide the following information to the LPNNRD in both paper copy and electronically in Excel Spreadsheet (Microsoft) or Access Database (Microsoft) format.

A. List of all registered wells in this area giving registration number, well identification number, legal description, elevation in feet above mean sea level, latitude / longitude or UTM coordinates in NAD 83, and well log for each well.
B. List of all test holes in the area that have been published by Conservation and Survey Division of the University of Nebraska.
C. List of all surface water rights in this area giving appropriation number, priority date, legal description, use, status, current total acres (if applicable), and grant amount.

---

13. WATER USE LOCATION INFORMATION:

In the location where the water will be used, provide the following information to the LPNNRD in both paper copy and electronically in Word (Microsoft) format.

A. Description of expanded water use including: latitude / longitude or UTM coordinates in NAD 83 of water use location and timeframe or schedule when water will be used.
B. Amount of water that will be reused or recycled at this new location.
C. Description of how water will be used at this new location, i.e. process water vs. cooling water, etc. and estimated total annual water use for each purpose.

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14. AQUIFER PUMP TEST:

In the location of the proposed water source a District approved aquifer pump test is to be performed to obtain geologic data that will be used in the ensuing ground water modeling effort. Data from the pump test is to be reported to the LPNNRD in both paper copy and electronically in Excel Spreadsheet (Microsoft) or Access Database (Microsoft) format.

A. Description of pumping well should include legal description of well, latitude / longitude or UTM coordinates in NAD 83, elevation of well in feet above mean sea level, total amount of water pumped, gallons per minute during pump test, duration of pump test, well construction, well log, water discharge location and method.
B. Description of each monitoring well should include legal description of well, latitude / longitude or UTM coordinates in NAD 83, spacing in feet and direction from pumping well, elevation of well in feet above mean sea level, well log, and well construction.
C. Depth to bedrock, bedrock material, and name of geologic formation.

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15. GROUNDWATER MODEL:

In a FIVE-mile radius of the location of the proposed water source a ground water model using MODFLOW software, or similar software approved by LPNNRD, is to be done. Data from the ground water model is to be reported to the LPNNRD in both paper copy and electronically using the appropriate software.

A. Model should list boundary conditions used, grid size, include all high capacity wells in modeled area, streams and rivers in the modeled area, expected recharge rates, location and flow amounts, hydrologic conductivity and transmissivity values used.
B. At least one iteration, reviewed and approved by LPNNRD, should model steady state conditions over a five-year period with a no flow boundary, and little or no recharge to simulate drought conditions.

APPLICATION FOR A PERMIT TO CONSTRUCT A WATER WELL
IN THE *LOWER PLATTE NORTH NATURAL RESOURCES DISTRICT*

PURPOSE OF WELL

IRRIGATION WELLS (SECTION A)

A. How many acres will be irrigated? _____ acres
B. Crops to be planted: _____ Crop rotation schedule _____
C. Type of irrigation system. __ Center Pivot, __ Gravity, __ Other (specify) _____
D. The irrigation system is to be powered by __ Electric __ Fuel
E. Expected total annual consumptive water use in Acre Inches / Year _____or
   Total Gallons / Year _____
F. Will Fertilizer, Chemicals or Animal waste be applied through the system? __ Yes, __ No

DEWATERING WELLS OVER 30 DAYS (SECTION B)

A. Purpose of dewatering well, such as installation of building foundation, etc. _____
   _____
B. Expected total number of days the dewatering well will be in use _____
C. Approximate dates (month/day/year) in operation: Start _____ End _____
D. Legal description of water discharge location: ____ ¼ of the ____ ¼ of Section ____, Township ____North, Range ____ East/West and name of river, stream or water body _____
E. Will discharge water be used for another purpose, such as livestock, irrigation, etc.? __ Yes, __ No
   If Yes, list purpose, location and expected total amount of water use in acre-inches / year or total gallons / year.
   _____
   _____

LIVESTOCK WELLS (SECTION C)

A. Name of facility _____
B. Type of Livestock: ___ Feeder Cattle, ___ Dairy Cattle, ___ Swine over 55 lbs., ___ Swine under 55 lbs., ___ Sheep, ___ Poultry, ___ Horses
C. Average number of livestock per year _____ and average weight per animal _____ lbs.
D. Peak number of livestock _____ and time of year _____
E. Is facility approved by Nebraska Department of Environmental Quality? __ Yes, __ No. If Yes, list NDEQ certification IIS number _____ If No, complete the rest of this section.
F. Type of facility: ___ Open lot, ___ Covered Building
G. If facility is Open lot, list soil type _____
H. Estimated depth to ground water under feedlot _____ ft.
I. Describe manure collection system of feedlot _____
   _____
J. Name and distance of nearest surface watercourse from feedlot _____
K. For each manure land application site, list legal description and size in acres, method of application, and distance from feedlot operation. _____
   _____
   _____

DOMESTIC WELLS WITH IRRIGATION ON ONE ACRE OR MORE (SECTION D)

A. Check all that apply:
   a. Water use: ___ Lawn and number of acres to be irrigated _____ acres.
   b. Water use: ___ Commercial garden and number of acres to be irrigated _____ acres.
   c. Water use: ___ Tree Farm and number of acres to be irrigated _____ acres.
   d. Water use: ___ Type of livestock _____ and number _____
B. Type of irrigation system. __ Sprinkler, __ Drip Tape, __ Other (specify) _____
C. If applicable, give Street address and town _____
   _____

***** One acre equals 43,560 square feet.

INDUSTRIAL AND COMMERCIAL WELLS (SECTION E)

A. Name of facility _____
B. Products produced by facility _____
C. In Section 6 or on a separate sheet of paper, list well registration number and legal description of current wells supplying water to this facility.
D. In Section 6 or on a separate sheet of paper, provide a short description how water is used within the facility and the expected annual amount of water for each use. For example: "The manufacturing plant will use 45% of total annual water use, or 1.45 million gallons per year, for electroplating of galvanized pipe and the remaining 55% of total annual water use, or 1.77 million gallons per year, will be used for non-contact cooling water throughout the plant".
E. Will any of the used water or waste water from this facility be re-used for another purpose? __ Yes, __ No.
If Yes, list purpose, location and expected total amount of water use in acre-inches / year or total gallons / year.
_____
_____

PUBLIC WATER SUPPLY WELLS (SECTION F)

A. On a separate sheet of paper, list the well registration numbers and legal description of current wells supplying water to this community.
B. Attach a list of the five largest industrial water users that your community supplies water to, and the total annual amount of water supplied to each of these industries for the last five years.
C. For these same industries list the total annual amount of water returned to the community as waste water for each of the last five years.
D. Will waste water be used for another purpose, such as livestock, irrigation, etc.? __ Yes, __ No
If Yes, list purpose, location and expected total amount of water use in acre-inches / year or total gallons / year.
_____
_____
E. Attach a list of the golf courses that the community supplies water to and list the location and number of acres for each one.

RECOVERY OR REMEDIATION WELLS (SECTION G)

A. Reason for recovery or remediation well, i.e. leaking underground storage tank. _____
_____
B. Contaminates of concern _____
C. Treatment method of contaminates _____
D. Approximate dates (month/day/year) in operation: Start _____ End _____
E. Legal description of water discharge location: ____ ¼ of the ____ ¼ of Section ____, Township ____North, Range ____ East/West and name of river, stream or water body _____
F. Will cleanup water be used for another purpose, such as livestock, irrigation, etc.? __ Yes, __ No
If Yes, list purpose, location and expected total amount of water use in acre-inches / year or total gallons / year.
_____
_____

OTHER WELLS

A. Purpose of water use __Research and Development (Testing Pivots)_____
B. Will the well be used for one calendar year or less? __ Yes, ✓ No
    a. If Yes, list approximate dates (month/day/year) the well will be in operation: Start _____ End _____
    b. If No, list the approximate dates (months) or seasons of the calendar year that well is expected to be in peak or highest use. Summer (Growing Season)
C. Legal description of water discharge location: NW ¼ of the SW ¼ of Section 17, Township 20 North, Range 3 East/West and name of river, stream or water body Unnamed Tributary to Shell Creek

File: WellPermit2008_050908.doc

<u>This form must be completed in full and accompanied by a non-refundable $50.00 filing fee</u> (payable to the Lower Platte North Natural Resources District). In addition, for Class 3 well permits an added fee of $250.00 is required for District review. For Class 4 well permits an added fee of $500.00 is required for District review. Forward this application and filing fees to:

Lower Platte North Natural Resources District
P.O. Box 126
Wahoo, NE 68066
Phone: (402) 443-4675

Please take the time and fill out the information correctly. The District will return an incomplete or defective application, with 60 days being allowed for resubmission. The District shall issue all permits with conditions attached, or denied not later than 30 days after receipt of a complete and properly prepared application.

WATER WELL PERMIT RESTRICTIONS

1. A well permit is required prior to the construction of a water well. If construction of a water well is commenced prior to obtaining a permit, a late permit must be completed and accompanied by a $250.00 application fee. Construction or operation of a new water well without an approved water well permit shall result in the District issuing a 'cease and desist order' against further construction or use of that water well.
2. An irrigation well shall not be constructed within 1000 feet of any registered industrial or public water supply well or within 600 feet of a registered irrigation well; A public water supply well shall not be constructed within 1000 feet of any registered irrigation, industrial or other public water supplier's well; An industrial well shall not be constructed within 1000 feet of any registered irrigation, industrial or public water supply well pursuant to **§**46-609 and **§**46-651. These spacing restrictions shall not apply to water wells owned by the same person. Any person may apply to the Nebraska Department of Natural Resources for a special permit to drill a water well without regard to the spacing requirements pursuant to **§**46-653. The District may adopt stricter well spacing requirements based on different aquifer subareas. Check with the District office if you have any questions.
3. This permit does not register the well with the Department of Natural Resources. All wells are required to be registered by the well driller with the Nebraska Department of Natural Resources within 60 days after the well is completed.
4. A replacement water well is one, which replaces an abandoned water well that has been operated within the last three years, and is constructed to water the same tract of land as the abandoned water well that is being replaced. A replacement water well must be pumping from a comparable aquifer and yield approximately the same gallons per minute and total annual water uses as the original water well it is replacing. As of January 1, 1997, both new and replacement wells need a permit from the Lower Platte North Natural Resources District.
5. Consumptive water use in acre-inches is determined from the Department of Natural Resources (DNR) Net Corn Crop Irrigation Requirement map or a similar map produced by the University of Nebraska.
6. If the well is being replaced it must be properly abandoned according to state guidelines. A copy of these guidelines is available from the Lower Platte North NRD.
7. If the water well is not constructed within a one-year period from the date of approval, a new permit is needed.
8. Water wells may not be drilled within 50 feet of a stream bank without first obtaining a surface water right for that water withdrawal from the Department of Natural Resources pursuant to **§**46-637.
9. Any person who, on or after January 1, 1997, commences or causes construction of such a well for which the required permit has not been obtained, or who knowingly furnishes false information regarding such a permit, shall be guilty of a Class IV misdemeanor pursuant to **§**46-602.01 and **§**46-613.02.
10. Permits are not required for test holes or temporary dewatering wells (30 days or less). Permits are needed for water wells designed to pump 50 gallons per minute or less in Level 3 and Stay management areas.
11. Tax assessor records submitted with water well permit must include map, parcel number and an accurate account of current land use, such as irrigated acres.
12. With the well permit application, submit an aerial photograph with markings to show the location of the water source(s) and the location of where the water is to be used.
13. Any person, who knowingly furnishes false information regarding a water well permit, shall be subject to the imposition of penalties imposed through the controls adopted by the District pursuant to **§**46-746.
14. All new or replacement water wells must install a District approved flow meter and report water pumped annually in acre-inches per year or total gallons per year on LPNNRD approved forms by January 31st of each following year.
15. If multiple water sources are used, landowner must supply flow records from each water source in acre-inches per year or total gallons per year on LPNNRD approved forms by January 31st of each following year.
16. Water well permit applications require that the applicant or operator of irrigation, livestock, domestic (with irrigation on one acre or more of land), industrial, and public water supply wells by NRD certified.

<u> Landowners must list new irrigated acres with the County Assessor, update the DNR well registration, and comply with any additional conditions within 90 days of LPNNRD approval of this water well permit. LPNNRD staff may perform a site visit to verify information provided in the well permit application. **</u>**

Approved List of Propeller Flow Meters
Lower Platte North Natural Resources District (LPNNRD)
Effective: April 11, 2022

Approved List of Propeller Flow Meters and Required Conditions

LPNNRD requirements for all propeller flow meters:

- Anti-reverse flow feature to prevent backflow.
- Follow manufactures installation recommendations taking into account in-pipe jetting or non-jetting flow conditions. (Correct installation of the flow meter is critical to getting an accurate reading. Most meters require a straight pipe before and after the flow meter that is at least equivalent to five times the pipe diameter in order to obtain an accurate flow measurement. Doing the installation correctly the first time saves money in the long run).
- Straightening vanes are required according to manufacturer's installation recommendations for in-pipe jetting or non-jetting flow conditions.
- Meter must be positioned to ensure water totally fills the pipe, such as a level pipe or positioned on a riser.
- Meter must be configured: to inside and outside diameter of the pipe, material of the pipe, meter used that will operate within minimum and maximum output flow rates of the well, horizontal or vertical installations, and unobstructed straight run distance upstream and downstream of meter and in most cases straightening vanes (or other flow straightener) will be necessary.
- Meter totalizes flow in acre inches and flow meter dial is in gallons per minute.
- A flow meter must be dedicated to each individual well. (Exceptions will be made if several wells are used to provide enough water to operate a single irrigation system such as a pivot or gated pipe. In these situations a flow meter placed at the central location where all water can be metered is acceptable).

Manufacturer	Model	Notes
McCrometer	McPropeller	All propeller models
Sparling	Propeller saddle meter	Model 312 propeller meter
Geyser	Saddle meter	All propeller models for Farmland Irrigation

LPNNRD prefers the following added features for all propeller flow meters:

- Over-run bearing (or extra bearing) for smother operation and to extend life of the meter
- Canopy cover to protect meter

LPNNRD will inspect systems for proper installation of flow meters

APPLICATION FOR A PERMIT TO CONSTRUCT A WATER WELL IN THE *LOWER PLATTE NORTH NATURAL RESOURCES DISTRICT*

DNR & NRD USE ONLY		
Permit No. _____	Date Approved/Denied _____	NRD Representative _____
Permit Type: New, Replacement or Late	Date Received _____	Paid: Cash or Check
Date Post-inspected _____	Registration No. _____	Updated Form: June 2022

ALL APPLICANTS SEEKING A WATER WELL PERMIT MUST COMPLETE PAGES 1 AND 2, AND THE APPROPRIATE SECTION BASED ON THE PURPOSE OF THE WELL. (CLASS 1 – 4 WELL PERMIT)
WATER WELL PERMITS FOR IRRIGATED ACRES GREATER THAN 160 ACRES IN SIZE OR TOTAL ANNUAL WATER USE BETWEEN 150 AND 300 ACRE FEET PER YEAR MUST COMPLETE PAGES 1, 2, AND 3, AND THE APPROPRIATE SECTION BASED ON THE PURPOSE OF THE WELL. (CLASS 3 WELL PERMIT)
WATER WELL PERMITS FOR TOTAL ANNUAL WATER USE EQUAL TO OR GREATER THAN 300 ACRE FEET PER YEAR, REGARDLESS OF NUMBER OF IRRIGATION ACRES, MUST COMPLETE PAGES 1, 2, AND 4, AND THE APPROPRIATE SECTION BASED ON THE PURPOSE OF THE WELL. (CLASS 4 WELL PERMIT)

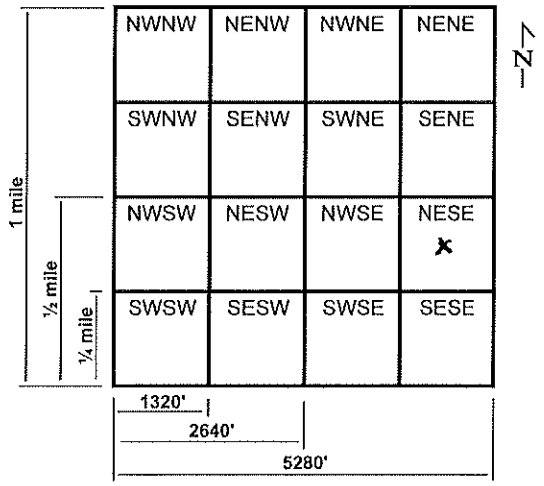
1. NAME AND ADDRESS OF **LAND OWNER:**
Camp Moses - Merrill
2849 Co Rd. 31, Bldg. 3
Unwood, NE 68036
Phone: _____

NAME AND ADDRESS OF **CONTACT:**
Andrew Rieschick
70656 649 Ave.
Falls City, NE 68355
Phone: 402-801-1452

2. **PURPOSE OF NEW WATER WELL (indicate one):**
__ Irrigation (Complete section A)
__ Dewatering (Over 30 days, Complete section B)
__ Livestock (Complete section C)
__ Domestic (Irr. on one acre or larger, Complete section D)
__ Industrial (Complete section E)
X Public Water Supply (Complete section F)
__ Recovery or Remediation (Complete section G)
__ Other (specify) _____ (Complete section H)

3. **IDENTIFY LOCATION OF PROPOSED WELL:**
A. Saunders County, NE ¼ of the SE ¼ of Section 30, Township 17 North, Range 5 (East)/West. (circle one)

B. The box at the right represents one square mile, (section). Indicate with an "X", the proposed location of the well. Outline the proposed water use area. If the water is to be used outside the above written legal description, give legal description of water use area,
____ ¼ of the ____ ¼ of Section ____,
Township ____North, Range ____ East/West.



C. The well will be located 1831 feet from the North (South) section line, and will be 587 feet from the (East)/West section line. Or enter Lat. / Long.
Latitude Degree 41 Minute 24 Second 49
Longitude Degree -96 Minute 53 Second 19

4. **REPLACEMENT AND ABANDONED WELL INFORMATION:**
A. Is this a replacement well? __ Yes, X No If yes, fill out the rest of this section.
B. Registration number of well to be replaced: _____
C. Well to be replaced was last operated (month/year): _____
D. Replacement well is _____ feet from original well.
E. Decommissioning of Original well on (month/day/year): _____
F. If water use is for irrigation, list the number of acres watered by the original well: _____
G. If water use is for irrigation, will replacement well, water the same tract of land as the decommissioned well?
__ Yes, __ No: If No, list the number of additional acres _____ and legal description ____ ¼ of the ____ ¼ of Section ____, Township ____ North, Range ____ East/West. (circle one)

- A replacement water well must deliver water to the same tract of land as the original water well, pump from a comparable aquifer, and yield approximately the same gallons per minute and total annual water use as the original water well.

5. **SPECIFICATIONS OF INTENDED WELL AND PUMP:**
   A. Approximate date when construction will begin (month/day/year): 08/2025
   B. Expected total well depth: 348 feet.
   C. Well Casing Diameter: 5 inches.
   D. Pump Column Diameter: 3 inches.
   E. Estimated pumping capacity: 80 GPM.
   F. Expected total annual water use in Acre Inches / Year _____ or Total Gallons / Year _____
   G. The system is to be powered by X Electric __ Fuel
   H. Will the well be used in a system with other wells? __ Yes, X No. If Yes, How many _____
      List well registration number and legal description of each well in Section 6 below.
   I. Name of Well Driller: Ryan Riecchick (Please attach test hole log, if available.)

6. List additional information requested in this Section or attached additional sheet.

7. Addition information and requirements for Lower Platte North NRD review.

- Attach current tax assessor records including map, parcel number, and current land use such as irrigated acres.
- Attach aerial photo showing location of water source(s) and area water or reuse water is to be used.
- All new and replacement water wells must install a District approved flow meter and report water pumped annually to the LPNNRD by January 31st of the following year. See approved list in this packet.
- Water well permit conditions maybe required for approval by the Lower Platte North NRD for each individual well.

8. I certify that I am familiar with the information contained in this application, and it's restrictions, rules and regulations and that to the best of my knowledge and belief such information is true, complete and accurate.

   Date _____ Signature of Applicant _____
   Signature of Well System Operator, if different than Applicant _____
   NRD Certification Number of Landowner or Operator _____ (Required for irrigation, livestock, domestic (with irrigation on one acre or more of land), industrial, and public water supply wells.)

9. **Lower Platte North NRD Use Only. Comments by District Representative.**

File: WellPermit2008_050908.doc

APPLICATION FOR A PERMIT TO CONSTRUCT A WATER WELL
IN THE *LOWER PLATTE NORTH NATURAL RESOURCES DISTRICT*

PURPOSE OF WELL

IRRIGATION WELLS (SECTION A)

A. How many acres will be irrigated? _____ acres
B. Crops to be planted: _____ Crop rotation schedule _____
C. Type of irrigation system. __ Center Pivot, __ Gravity, __ Other (specify) _____
D. The irrigation system is to be powered by __ Electric __ Fuel
E. Expected total annual consumptive water use in Acre Inches / Year _____or
Total Gallons / Year _____
F. Will Fertilizer, Chemicals or Animal waste be applied through the system? __ Yes, __ No

DEWATERING WELLS OVER 30 DAYS (SECTION B)

A. Purpose of dewatering well, such as installation of building foundation, etc. _____
_____
B. Expected total number of days the dewatering well will be in use _____
C. Approximate dates (month/day/year) in operation: Start _____ End _____
D. Legal description of water discharge location: ____ ¼ of the ____ ¼ of Section ____, Township ____North, Range ____ East/West and name of river, stream or water body _____
E. Will discharge water be used for another purpose, such as livestock, irrigation, etc.? __ Yes, __ No
If Yes, list purpose, location and expected total amount of water use in acre-inches / year or total gallons / year.
_____
_____

LIVESTOCK WELLS (SECTION C)

A. Name of facility _____
B. Type of Livestock: ___ Feeder Cattle, ___ Dairy Cattle, ___ Swine over 55 lbs., ___ Swine under 55 lbs., ___ Sheep, ___ Poultry, ___ Horses
C. Average number of livestock per year _____ and average weight per animal _____ lbs.
D. Peak number of livestock _____ and time of year _____
E. Is facility approved by Nebraska Department of Environmental Quality? __ Yes, __ No. If Yes, list NDEQ certification IIS number _____ If No, complete the rest of this section.
F. Type of facility: ___ Open lot, ___ Covered Building
G. If facility is Open lot, list soil type _____
H. Estimated depth to ground water under feedlot _____ ft.
I. Describe manure collection system of feedlot _____
_____
J. Name and distance of nearest surface watercourse from feedlot _____
K. For each manure land application site, list legal description and size in acres, method of application, and distance from feedlot operation. _____
_____
_____

DOMESTIC WELLS WITH IRRIGATION ON ONE ACRE OR MORE (SECTION D)

A. Check all that apply:
   a. Water use: ___ Lawn and number of acres to be irrigated _____ acres.
   b. Water use: ___ Commercial garden and number of acres to be irrigated _____ acres.
   c. Water use: ___ Tree Farm and number of acres to be irrigated _____ acres.
   d. Water use: ___ Type of livestock _____ and number _____
B. Type of irrigation system. __ Sprinkler, __ Drip Tape, __ Other (specify) _____
C. If applicable, give Street address and town _____
_____

* One acre equals 43,560 square feet.

INDUSTRIAL AND COMMERCIAL WELLS (SECTION E)

A. Name of facility _____
B. Products produced by facility _____
C. In Section 6 or on a separate sheet of paper, list well registration number and legal description of current wells supplying water to this facility.
D. In Section 6 or on a separate sheet of paper, provide a short description how water is used within the facility and the expected annual amount of water for each use. For example: "The manufacturing plant will use 45% of total annual water use, or 1.45 million gallons per year, for electroplating of galvanized pipe and the remaining 55% of total annual water use, or 1.77 million gallons per year, will be used for non-contact cooling water throughout the plant".
E. Will any of the used water or waste water from this facility be re-used for another purpose? __ Yes, __ No.
If Yes, list purpose, location and expected total amount of water use in acre-inches / year or total gallons / year.

_____

_____

PUBLIC WATER SUPPLY WELLS (SECTION F)

A. On a separate sheet of paper, list the well registration numbers and legal description of current wells supplying water to this community. G-053964, SE ¼ Sec 30, 17N, 5E
B. Attach a list of the five largest industrial water users that your community supplies water to, and the total annual amount of water supplied to each of these industries for the last five years. none
C. For these same industries list the total annual amount of water returned to the community as waste water for each of the last five years.
D. Will waste water be used for another purpose, such as livestock, irrigation, etc.? __ Yes, X No
If Yes, list purpose, location and expected total amount of water use in acre-inches / year or total gallons / year.

_____

_____

E. Attach a list of the golf courses that the community supplies water to and list the location and number of acres for each one. none

RECOVERY OR REMEDIATION WELLS (SECTION G)

A. Reason for recovery or remediation well, i.e. leaking underground storage tank. _____

_____

B. Contaminates of concern _____
C. Treatment method of contaminates _____
D. Approximate dates (month/day/year) in operation: Start _____ End _____
E. Legal description of water discharge location: ____ ¼ of the ____ ¼ of Section ____, Township ____North, Range ____ East/West and name of river, stream or water body _____
F. Will cleanup water be used for another purpose, such as livestock, irrigation, etc.? __ Yes, __ No
If Yes, list purpose, location and expected total amount of water use in acre-inches / year or total gallons / year.

_____

_____

OTHER WELLS (SECTION H)

A. Purpose of water use _____
B. Will the well be used for one calendar year or less? __ Yes, __ No
   a. If Yes, list approximate dates (month/day/year) the well will be in operation: Start _____ End _____
   b. If No, list the approximate dates (months) or seasons of the calendar year that well is expected to be in peak or highest use. _____
C. Legal description of water discharge location: ____ ¼ of the ____ ¼ of Section ____, Township ____North, Range ____ East/West and name of river, stream or water body _____

RIESCHICK DRILLING CO

Date	3/27/2024	Client	Camp Moses-Merrill
Driller	Ryan Rieschick	Address	2849 Co. Rd. 31, Bldg 3 Linwood, NE 68036
GPS Coordinates			
North	41° 24' 49.0"	Phone	
West (-)	96° 53' 19.00"	NRD SCORE	

Rieschick Drilling Company, 70656 649th Ave., Falls City, NE 68355 (402) 245-2015

Test Hole Geologic Log

From	To	Description	Color	Notes	From	To	Description	Color	Notes
0	5	No Sample							
5	38	Sandy clay	Light Brown	& Brown					
38	50	Sandy clay	Light Brown						
50	53	Sand & gravel	Light Brown						
53	71	Sandy clay	Brown						
71	83	Sandy clay	Dark Brown	& Brown					
83	124	Sandy clay	Gray						
124	132	M-C Sand w/ gravel	Gray						
132	142	Sandy clay	Gray						
142	144	F-M Sand	Gray						
144	150	Sandy clay	Gray						
150	250	F-C Sand w/ C gravel	Brown						
250	258	Sandy clay	Light Brown						
258	296	Sandy clay	Gray	w/dk. brown					
296	298	M-C Sand w/ gravel	Gray	Dirty					
298	312	Shale	Gray						
312	362	VF-F Sandstone	Brown						
362									
0									
0									
0									
0									
0									
0									

NEBRASKA
Good Life. Great Resources.
DEPT. OF ENVIRONMENT AND ENERGY

Jim Pillen, Governor

November 25, 2024

NDEE PERMIT No. W-147-2024
FACILITY ID 3963

Bev Pacas, Director
2849 Co Rd 31, BLDG 3
Linwood NE 68036

Re: **Drinking Water** – Camp Moses-Merrill – W-147-2024 – **Plans and Specifications** – Water Main – Linwood NE (Rieschick Engineering & Consulting, LLC)

Dear Ms. Pacas:

Documents describing the above-referenced project have been reviewed and are hereby approved with respect to features of sanitary significance. This approval does not supersede any other NRD, local, state, or federal requirements. In accordance with Title 179 NAC 7-003, a construction permit is hereby granted. This permit is valid for a period of two years from the date of issuance.

This approval is subject to any stipulations listed below. Written approval must be obtained from this Department before proceeding with any major changes from the project documents as approved. One set of the submitted documents is being made a part of this Department's records.

No project that is considered major construction shall be placed into service prior to a final inspection and approval by the Department. The only exception to this requirement is interior tank coating and water distribution main projects. The Department may allow these projects to be placed into service when requested by the owner and/or the engineer. The request to place into service must be accompanied with a certification of project completion by the engineer and copies of satisfactory bacteriological testing results for the project. The Department may be issuing administrative penalties, as authorized in Neb. Rev. Stat. § 71-5304.01, to any system that violates this regulation.

Sincerely,

Cyril Martinmaas, P.E., Engineering Section Supervisor
Permitting & Engineering Division
Nebraska Department of Environment and Energy

CJM:BW:CNW

xc: Andrew Rieschick, P.E., Rieschick Engineering & Consulting, LLC (ec)
Joel R. Pacas, Camp Moses-Merrill (ec)
Andy Kahle, NDEE (ec)

XXXX In accordance with Title 179 NAC 7-005.01, documentation of the contract or actual cost of the project shall be provided to this Department for the purpose of determining the final fee amount. Payment of the final fee amount shall be made to this Department.
XXXX In accordance with Title 179 NAC 7-003.02, record drawings must be submitted to the Department. PDF (Portable Document Format) copies are preferred.
XXXX Discharge of chlorinated water from disinfection procedure must follow Best Management Practices (BMPs) for meeting surface water quality standards under the National Pollutant Discharge Elimination System (NPDES). For assistance, contact the NPDES Compliance Section at 402/471-1367.

Department of Environment and Energy
P.O. Box 98922
Lincoln, Nebraska 68509-8922

OFFICE 402-471-2186 FAX 402-471-2909
ndee.moreinfo@nebraska.gov

NEBRASKA

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DEPT. OF ENVIRONMENT AND ENERGY

Jim Pillen, Governor

March 15, 2024

FACILITY ID: 3963

Joel Pacas
Moses Merrill Camp & Conference Center
2849 Co Rd 31 Bldg 3
Linwood NE 68036

Re: PWS – Camp Moses Merrill – Saunders County – **Construction of Well Meeting the Requirements of Title 178 NAC 12**

Dear Mr. Pacas:

We have reviewed the correspondence received on March 14, 2024, from Andrew Rieschick of Rieschick Engineering & Consulting, LLC. Based on the information submitted, it is our understanding that the owner wishes to construct a Title 178 NAC 12 well at the above referenced location in Saunders County, NE. The information submitted indicates that the proposed well will have a capacity of less than 100 gpm and a combined wellfield capacity of less than 200 gpm for the water system. Also, it was indicated that the well screen will have a depth of more than 50 feet from the original ground surface and will be located more than 200 feet from any surface water sources.

As such, you may construct the Title 178 NAC 12 well under the above stated conditions. Please notify the Department should any of the above conditions change prior to completion of the well. Be advised that this approval is only for the Title 178 NAC 12 well. **Plans and specifications** prepared by a NE registered professional engineer must be submitted for review and approval prior to beginning construction for **any other portion of the public water system not covered by Title 178 NAC 12 – such as distribution piping.**

Please contact Logan Morgaridge at 402-471-1010 or logan.morgaridge@nebraska.gov for any information concerning the water quality testing and monitoring for this well.

If you have any questions concerning this letter, please feel free to contact me at 402-471-0522 or cyril.martinmaas@nebraska.gov.

Sincerely,

Cyril Martinmaas

Cyril Martinmaas, P.E., Engineering Section Supervisor
Permitting & Engineering Division
Nebraska Department of Environment and Energy

CJM:VDK

xc: Andrew Rieschick, PE, Rieschick Engineering & Consulting (ec)
Andy Kahle & Logan Morgaridge, NDEE (ec)
David Miesbach, NDEE (ec)

Department of Environment and Energy
P.O. Box 98922
Lincoln, Nebraska 68509-8922

Jim Macy, Director
OFFICE 402-471-2186 FAX 402-471-2909
ndee.moreinfo@nebraska.gov

3/14/2024

Andrew Rieschick, P.E.
Rieschick Engineering & Consulting, LLC
70656 649th Ave.
Falls City, NE 68355

Nebraska Department of Environment & Energy
Attn: Vince Kuppig
PO Box 98922
Lincoln, NE 68509

Mr. Vince Kuppig,

I am writing this letter on behalf of Camp Moses Merrill seeking approval to construct a well on their property to Title 178 NAC 12 Standards. I understand there are several criteria that must be met in order to obtain approval to do so.

The system is a transient, non-community pubic water system. Addressing the items you mentioned in the previously mentioned email:

1. **The total capacity of the system will be less than 100 gpm.** The proposed well will be the only supply to the system, and will likely be pumped at rate near 50 gpm.
2. **The top the proposed screen will be at a depth greater than 50 feet from the ground surface.** The top of the screen will be at approximately 280 feet below grade and terminate approximately 300 feet below grade.
3. **The well be greater than 200 feet from a surface water source.** The siting of the well is near the top of a hill which makes it greater than 1000' from the nearest surface water.

Since all criteria have been met to construct the proposed well to Title 178 NAC 12 Standards, we are seeking written approval from you so that we may proceed with design.

If you have any questions, please do not hesitate to contact me.

Sincerely,

Andrew Rieschick, P.E.
Owner
Rieschick Engineering & Consulting, LLC

Groundwater Management Plan

Public Review Version 10.0

Approval Date: XX/XX/XXX

Prepared for:

LOWER PLATTE NORTH
Natural Resources District

Prepared by:

LRE WATER
CONNECTING WATER TO LIFE

Board of Directors - 2024

Name	Sub-District
Lon Olson	1
Anthony Hanson	1
John Goldsberry	2
Bill Saeger	2
Dave Saalfeld	3
Andrew Tonnies	3
Chris Yosten	4
Matt Bailey	4
Mark Seier	5
David Lawrence	5
Joe Birkel	6
Robert Hilger	6
Ryan Sabatka, Chairman	7
Ryan Engel	7
Jerry Johnson	8
Roger Harder	8
Duane Johnson	9
Robert Meduna Jr	9
Thomas McKnight	At-Large

This third update of the Lower Platte North Natural Resources Groundwater Management Plan (GWMP) has been prepared per Nebraska Revised Statue 46-709. The GWMP was created based upon the best available scientific information.

TABLE OF CONTENTS

LIST OF TABLES

TABLE OF FIGURES

List of Abbreviations and Acronyms

ACT	Nebraska Groundwater Management Act
AF	Acre Feet
AEM	Airborne Electromagnetic
Assessment	LPNNRD Hydrogeologic Assessment (2023)
Coalition	Lower Platte River Basin Coalition
CSD	Conservation and Survey Division
District	Lower Platte North NRD
DCP	Drought Contingency Plan
DEM	Digital Elevation Model
DWEE	Nebraska Department of Water, Energy, and Environment
ENWRA	Eastern Nebraska Water Resources Assessment
EQIP	Environmental Quality Incentive Program
GIS	Geographic Information System
GWMA	Groundwater Management Area
GWMP	Groundwater Management Plan
HCA	Hydrologically Connected Areas
IMP	Integrated Management Plan
LENRD	Lower Elkhorn Natural Resources District
LPMT	Lower Platte Missouri Tributary Groundwater Model
LPNNRD	Lower Platte North Natural Resources District
LPSNRD	Lower Platte South Natural Resources District
LPRCA	Lower Platte River Corridor Alliance
LWS	Lincoln Water System
Mg/L	Milligrams per Liter
MUD	Metropolitan Utilities District
NARD	Nebraska Association of Resources Districts
NASS	National Agricultural Statistics Service
NDEE	Nebraska Department of Environment and Energy

NeDNR	Nebraska Department of Natural Resources
NeDWEE	Nebraska Department of Water, Energy, and Environment
NHCAs	Non Hydrologically Connected Areas
NPDES	National Pollutant Discharge Elimination System
NRC	Natural Resources Commission
NRD	Natural Resources District
LWS	Lincoln Water System
PMRNRD	Papio-Missouri River Natural Resources District
PPM	Parts Per Million
PPB	Parts per Billion
RWS	Rural Water System
SQS	Special Quantity Subareas
UNL	University of Nebraska-Lincoln
USGS	United States Geological Survey
WHP	Wellhead Protection

1 INTRODUCTION

1.1 LPNNRD BACKGROUND

The Lower Platte North Natural Resources District (LPNNRD or District) spans 1,587 square miles, or just over 1 million acres, over seven counties in eastern Nebraska and is shown in Figure 1. The total estimated population is nearly 66,000 (NARD, 2024). The primary watersheds used to delineate the LPNNRD includes Shell Creek, starting at the northwest boundary past Newman Grove and to the southeast to the Lower Platte River at Fremont, and the Wahoo Creek watershed to the southeast near Ashland. The LPNNRD economy is predominantly focused on agricultural and industrial activities.

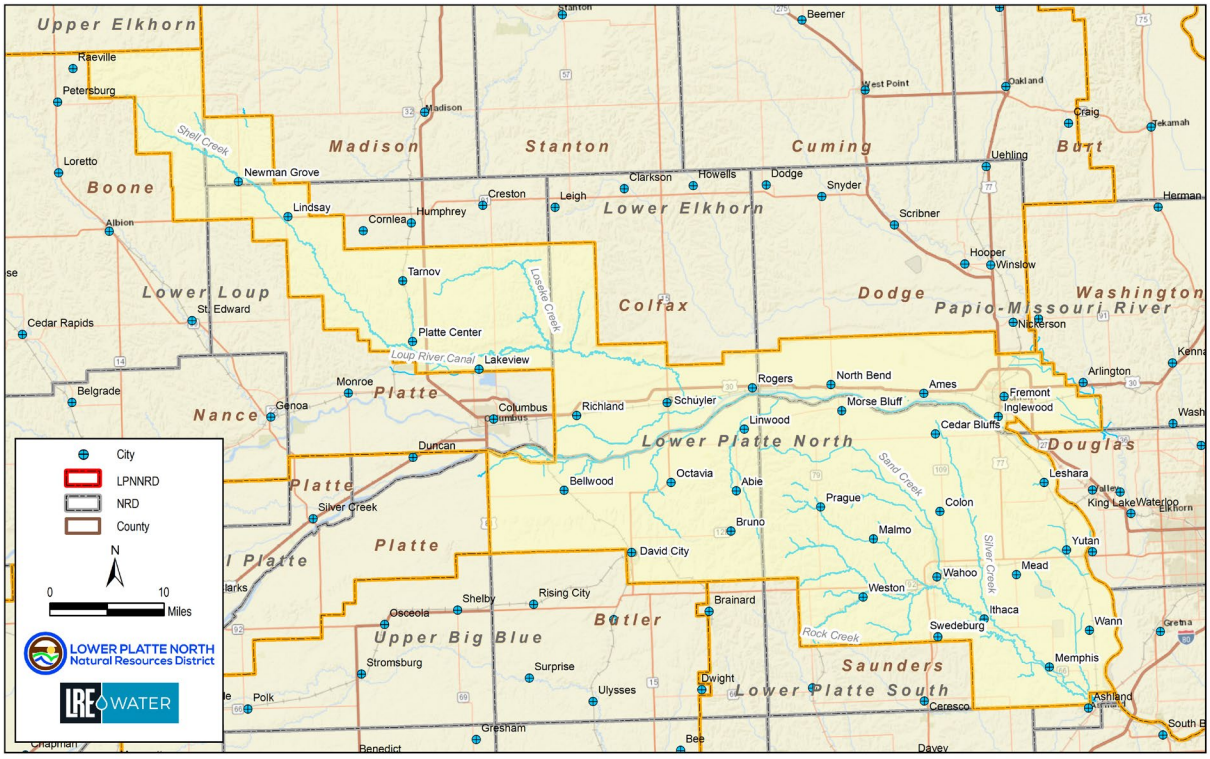

Figure 1: LPNNRD Location

1.2 LEGAL AUTHORITY AND OBLIGATIONS

Groundwater is widely recognized as one of the state's most valuable natural resources, and the management is a key responsibility granted to the Nebraska Natural Resources Districts (NRDs), which were established in 1972. The declaration, intent, and purpose of NRDs groundwater management responsibilities were established by the Nebraska Groundwater Management and Protection Act (Act) as outlined in Nebraska Revised Statue Chapter 46, Article 7, passed in 1975.

In 1984, the Nebraska Legislature mandated that NRDs prepare a Groundwater Management Plan (GWMP) by January 1986. The original LPNNRD GWMP was prepared in 1985 and with the adoption of the 1985 plan, the LPNNRD embarked upon a new era of groundwater resource management marked by an intensive program of data collection designed to characterize the resource and establish the relationship with other water resources. In addition, the District developed education and demonstration programs designed to increase awareness of groundwater supplies, use, and protection.

Legislative Bill 51 (LB51) was passed in 1991 and amended the Act by providing clarification, therefore the GWMP was updated in 1995, as an amendment to the 1985 version and the amendment meets the intent of LB51 and fulfills the District's need for continued understanding of the supply and quality of its groundwater resource, and sets forth a plan of protection for the future. The Board of Directors recognizes, along with the Nebraska legislature, that groundwater is a valuable resource and planned management is essential and in the public interest.

This version of the GWMP is intended to meet requirements of Section 46-709 of the Act (NeDNR, 2021), which states, The plan shall include, but not be limited to, the identification to the extent possible of the following:

1) Groundwater supply information within the District including transmissivity, saturated thickness maps, and other groundwater reservoir information, if available;
2) Local recharge characteristics and rates from any sources, if available;
3) Average annual precipitation and the variations within the District;
4) Crop water needs within the District;
5) Current groundwater data-collection programs;
6) Past, present, and potential groundwater use within the District;
7) Groundwater quality concerns within the District;
8) Proposed water conservation and supply augmentation programs for the District;
9) The availability of supplemental water supplies, including the opportunity for groundwater recharge;
10) The opportunity to integrate and coordinate the use of water from different sources of supply;
11) Groundwater management objectives, including a proposed groundwater reservoir life goal for the District. For management plans adopted or revised after July 19, 1996, the groundwater management objectives may include any proposed integrated management objectives for hydrologically connected groundwater and surface water supplies but a management plan does not have to be revised prior to the adoption or implementation of an integrated management plan pursuant to section 46-718 or 46-719;
12) Existing subirrigation uses within the District;
13) The relative economic value of different uses of groundwater proposed or existing within the District; and

14) The geographic and stratigraphic boundaries of any proposed management area.

This version was prepared by the staff, the Board of Directors, with technical and planning assistance provided by LRE Water.

1.3 Agency Roles and Functions

The LPNNRD is governed by a locally elected Board consisting of 19 Directors. The LPNNRD is divided into sub-districts (Figure 2), with two Directors per sub-district and one at-large member. Based upon state statute, each NRD shares a common set of responsibilities, listed below, but each also establishes its own additional priorities based upon need.

- Erosion prevention and control
- Soil conservation
- Flood prevention and control
- Prevention of damages from flood water and sediment
- Water supply for any beneficial uses
- Development, management, utilization and conservation of groundwater and surface water
- Pollution control
- Solid waste disposal and sanitary discharge
- Drainage improvement and channel rectification
- Development and management of recreational and park facilities
- Forestry and range management
- Outdoor recreation
- Education

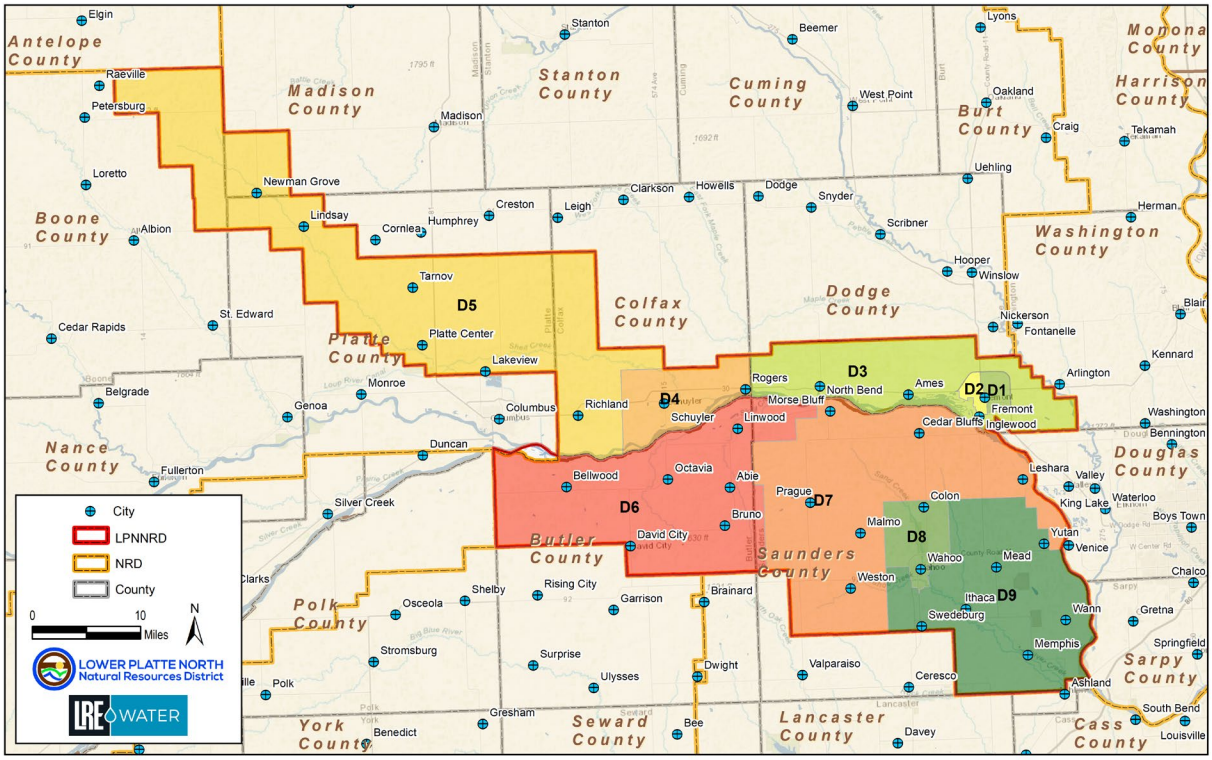

Figure 2: Board of Director Sub-districts (2025)

The LPNNRD is responsible for a variety of programs and projects and has identified five primary services with a focus on the following:

- Water Management
  - Groundwater management phase areas, monitoring programs, chemigation, nitrogen certification, nitrate management, wellhead protection (WHP) program, non-point source pollution management, and well decommissioning.
  - Groundwater restricted and limited control areas, well permits and registration, variances, irrigated acre certification, water use management, and conservation.
- Rural Water Systems (RWS)
  - Management of the Bruno-David City RWS and Colon-Wahoo RWS.
- Forestry and Wildlife
  - Implementing a tree planting program
- Watershed and Flood Damage Reduction
  - Management of seven watershed-wide flood reduction projects that include nearly 60 flood reduction structures, including three high-hazard dams.
- Conservation Programs
  - Cost-share for soil and water conservation, small dams, cost-share for priority watersheds, rock and jetty program, and weed management.
- Education
  - Includes newsletters, environmental education program, events, grants and scholarships, and workshops

1.4 JOINT-PLANNING EFFORTS

Lower Platte River Basin Coalition

In 2017, seven NRDs came together with NeDNR to form the Lower Platte River Basin (Basin) Coalition (Coalition). This Coalitions is operating under the guidance of the Basin Water Management Plan, published in October 2017. The Basin is one of Nebraska's most valuable resources, playing a crucial role in the state's agricultural, social, industrial, and municipal development and sustainability (Coalition, 2017).

The Coalition includes the LPNNRD, along with the NeDNR and six other NRDS, including Upper Loup, Lower Loup , Lower Platte South, Papio-Missouri River, Lower Elkhorn, and Upper Elkhorn. These NRDs collaborate with the Nebraska Association of Resource Districts (NARD) to maintain a sustainable balance between water supplies and uses in the Basin (Figure 3). Key groundwater elements of the Basin Water Management Plan have been integrated in this GWMP update.

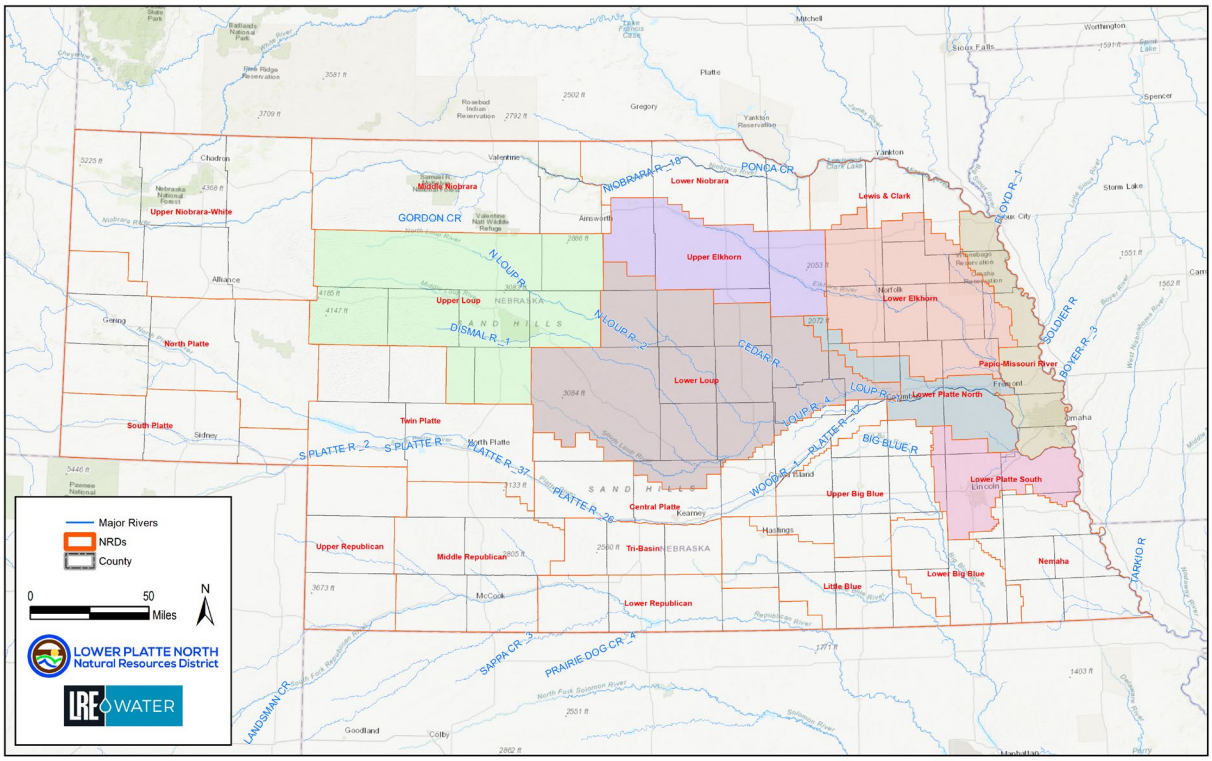

Figure 3: Lower Platte River Basin Coalition NRDs

Lower Platte River Drought Contingency Plan

The Lower Platte River Basin, including its tributaries and aquifers, serves approximately 80 percent of Nebraska's population, thousands of businesses, and industries, includes more than two million irrigated acres, and provides streamflow for threatened and endangered species. The drought-driven risks are diverse and a potential drought in the region would pose serious risk to public health, the economy, and fish/wildlife. Projects and programs designed to increase water supply and decrease water demands would benefit a variety of interests, including irrigation, power, environmental, and recreational

activities (Consortium, 2019). As a result, the LPNNRD, LPSNRD, PMRNRD, Metropolitan Utilities District (MUD), Lincoln Water System (LWS), and NeDNR established the Lower Platte River Drought Contingency Plan in 2019.

Integrated Management Plan

The LPNNRD's first voluntary Integrated Management Plan (IMP) was adopted by the District on June 11, 2018, and by the NeDNR on June 13, 2018, with an effective date of July 15, 2018. The IMP was developed in accordance with the Nebraska Ground Water Management and Protection Act (Act). The Act assigns the NeDNR and the District responsibilities and authority for management of groundwater, surface water, and their hydrologically connected areas in accordance with the Act, N.R.S. Chapter 46, Article 7. The voluntary IMP provides the framework for joint management of groundwater and surface water, recognizing that the two water sources are hydrologically connected. This framework enables the District and the NeDNR to coordinate management actions and monitoring of groundwater and surface water, to better protect water resources for future generations (LPN, 2018a). The IMP recognized five goals:

1) Develop and maintain a District-wide water supply inventory
2) Develop and maintain a District-wide water demand inventory
3) Develop and implement water use policies and practices with the purpose of achieving and sustaining a balance between water uses and supplies
4) Communicate to the public that Nebraska has a great supply of water, and a need to continue to manage it well
5) Coordinate with the Lower Platte River Basin NRDs, and appropriate groups and agencies, to develop a water management plan for the Coalition that maintains a balance between current and future water supplies and demands

LPNNRD Drought Contingency Plan

The LPNNRD was developing a district-wide Drought Management Plan in 2025. The Drought Management Plan will help to reduce district-wide impacts during drought events and aid the LPNNRD in water resource management. This project will include establishing drought monitoring and forecasting protocol, identifying potential best management practices, creating educational and awareness materials, and identifying future actions to reduce drought impacts. The GWMP will be a key resource integrated into the Drought Plan.

A significant part of the planning process will focus on local communities and their public water systems to evaluate their drought vulnerabilities and understand available community drought ordinances. The plan will include the development of drought mitigation strategies and other recommendations based on the outcomes of the drought risk analysis and meetings with communities. Also included with the plan will be a community engagement materials kit and sample drought ordinances for communities to utilize and update to fit their needs. The outcome will be a more sustainable and stable water supply for all uses across the district.

1.5 Current Rules and Regulations

The Groundwater Management Area Rules and Regulations were first implemented on January 1, 1997, and last amended on June 15, 2018. Under Neb. Rev. Statutes 46-701 to 46-754 of the Act. The LPNNRD

has designated the entirety of the District as a Phase I Management Area for groundwater quality and quantity.

1.5.1 Groundwater Quality Management Areas

Groundwater quality management areas can have one of four designated phases (i.e., Phase I through Phase IV) based on nitrate contamination concentrations. If concentrations increase in an area enough to meet specified trigger levels, that area is moved to a higher Phase area with increased corresponding management regulations. Areas are triggered by 50 percent of the wells sampled being over the trigger for a minimum of two sampling events, a minimum of ten registered wells must be sampled, and the area must be a minimum 9-square miles unless the area is a Wellhead Protection Area. Based on the June 15, 2018, amended Rules and Regulations, the phases and corresponding groundwater nitrate concentration trigger levels are as follows:

1. **Phase I**: 0 to 8.01 parts per million (ppm)
2. **Phase II**: > 8.01 to 10.01 ppm
3. **Phase III**: > 10.01 to 15 ppm
4. **Phase IV**: > 15 ppm

For all other contaminants, a Phase 2 is triggered at 81% of the MCL, Phase 3 = >100% of the MCL. Currently, the LPNNRD has two Quality Groundwater Management Areas shown in Figure 4 triggered by nitrate concentrations. One is near the Village of Bellwood and is currently in a Phase II level of management. The second is near the cities of Richland/Schuyler area, where Phase III and Phase IV levels of management are in place. Additional nitrogen management, reporting, and educational requirements are required for operators within these areas. In 2024, a Phase IV area was added for exceedance of the Maximum Contaminant Level (MCL) of nitrates and uranium west of Schuyler.

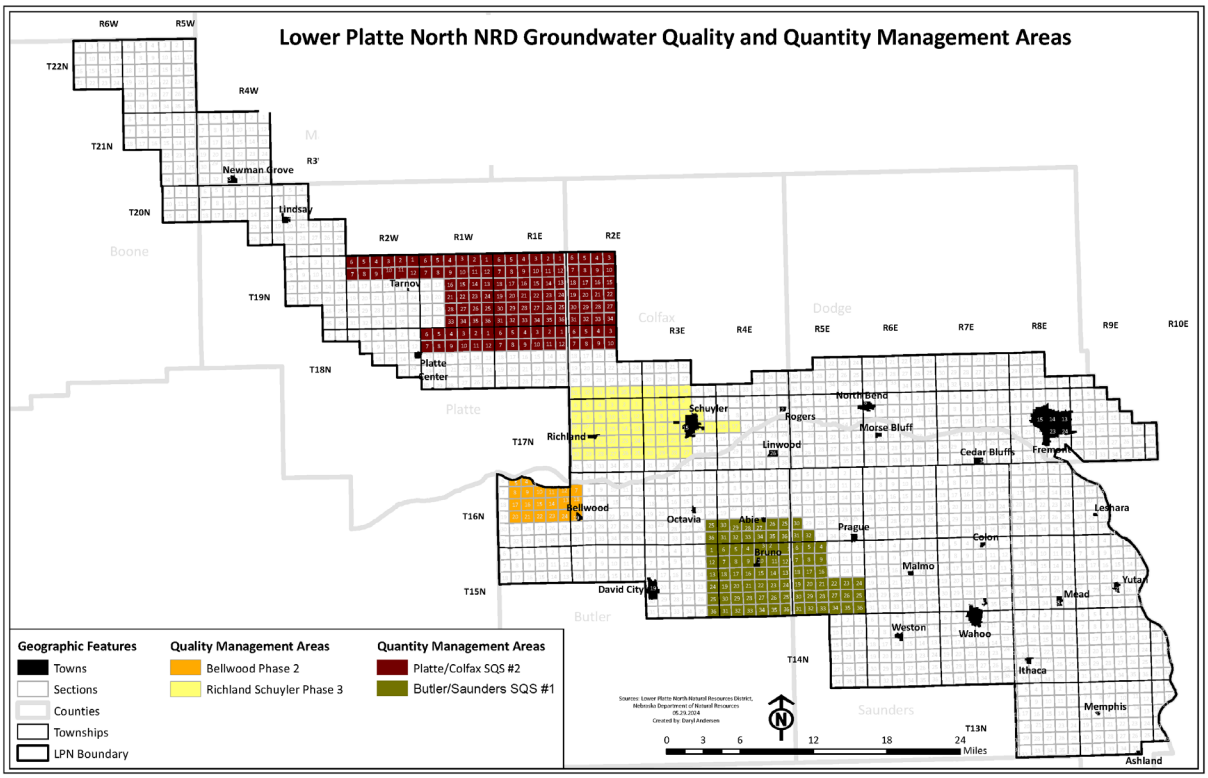

Figure 4: Quality and Special Quantity Sub-areas

1.5.2 Special Quantity Sub-Areas

Starting on January 1, 1997, the LPNNRD established two Special Quantity Sub-Areas (SQS) as a result of excessive seasonal declines in water levels that caused well interference. Due to the declines occurring during the summer, they did not qualify under the criteria for Groundwater Quantity Management Areas described below. These are referred to as Butler/Saunders SQS #1 and Platte/Colfax SQS #2. There are no new wells and expansion of irrigated acres are limited to the original allocation in these areas, and several other restrictions apply. The SQS areas are shown on Figure 4 above along with the Quality Management Areas.

1.5.3 Groundwater Quantity Management Areas

The Rules and Regulations also allow for the development of Groundwater Quantity Management Areas based on the percentage of water level decline for an unconfined aquifer and the percentage of hydraulic head decline for a confined aquifer. Assessment of the percentage drop is calculated using spring readings of the District's spring/fall static observation wells over a 3-year period. Over 50 percent of the wells must reach or exceed a predetermined water level percent trigger. A general summary of the quantity triggers is shown below. Currently, the LPNNRD does not have a designated Groundwater Quantity Management Area.

Table 1: Confined and Unconfined Aquifer Triggers

AQUIFER TYPE	TRIGGER %	LEVEL CONTROL
Unconfined	10	I
	15	II
Confined	7	IA
	10	IIA

1.5.4 Groundwater Development Areas

In March 2018, the LPNNRD established Groundwater Limited Development Areas (Figure 5), where restrictions are in place on the development of high-capacity wells and the expansion of irrigated acres. These areas were delineated by the results of NeDNR's Lower Platte Missouri Tributaries Groundwater Model (LPMT)'s Hydrologically Connected Areas (HCAs). These areas have been determined to have a physical hydrologic connection between groundwater and surface water, and the goal is to ensure no further impact to surface water flow occurs as a result of excessive groundwater pumping. These areas are shown in Figure 5, along with the Special Quantity Subareas, which are unrelated to the HCAs.

- **Outside Groundwater Control Area (white)**: Up to 75 new acre-feet (AF) per year are allowed through a variance process due annually on August 15.
- **Inside Groundwater Control Area (blue)**: Up to 200 new AF per year with a variance deadline of September 15.
- **Restricted Development Area (red):** Was established through a separate study, and there are no new irrigated acres or water uses allowed, but consideration is given to areas within 1 mile of the red area.

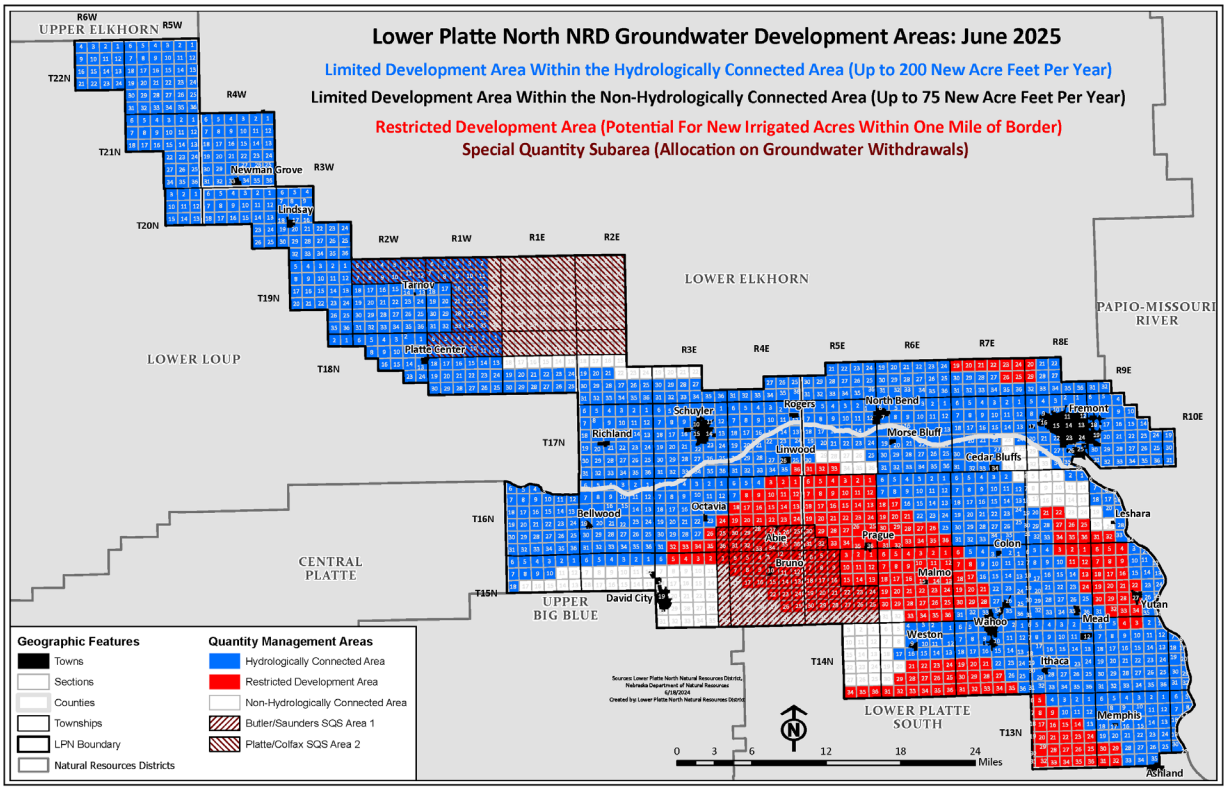

Figure 5: Groundwater Limited Development Areas

2 DESCRIPTION OF THE NRD

2.1 GROUNDWATER REGIONS AND PRINCIPAL AQUIFER

The 1995 GWMP subdivides the District into four distinct regions based on hydrogeologic and physiographic characteristics. The regions are described in the LPNNRD Hydrogeologic Evaluation and Subarea Delineation Study (Olsson, 2009) and are shown in Figure 6.

- **Platte River** This area is characterized by fluvial sand and gravel deposits of varying thickness, which are overlain by alluvial silt and clay, and younger loess deposits. Coarser and thicker sands and gravels appear to be present in paleovalley deposits, which sometimes extend into the Uplands Region described below.
- **Shell Creek**: Located in the northwest portion of the District, this region extends from the Platte River to the Sandhills and dissects glacial terrain similar to that of the Uplands Region. The upper reaches include the Ogallala Group.
- **Todd Valley**: This region was formed by the ancestral Platte River, which carved a fluvial valley. This region consists of fluvial sand and gravel deposits capped by loess and overlie the Cretaceous-age Dakota Group bedrock formations. The fluvial deposits typically grade from fine to a progressively coarser-grained sands and gravels with depth. The Todd Valley aquifer is connected to the Platte River alluvial sand and gravel aquifer.
- **Uplands**: This region is characterized by dissected clay-rich glacial till and younger loess deposits with interbedded, discontinuous sand and gravel outwash deposits. In places, the glacial deposits overlie deeper paleovalleys that contain thicker and coarser sands and gravels or are in contact with the underlying Dakota Group. The sandstone units of the Dakota Formation contain brackish to saline water.

Principal Aquifer is the major groundwater reservoir in the District. It refers to the saturated unconsolidated sand and gravel aquifers, including the Ogallala Group, where present.

The following sections provide more insight into the hydrogeologic data and recent assessments, and background of the LPNNRD.

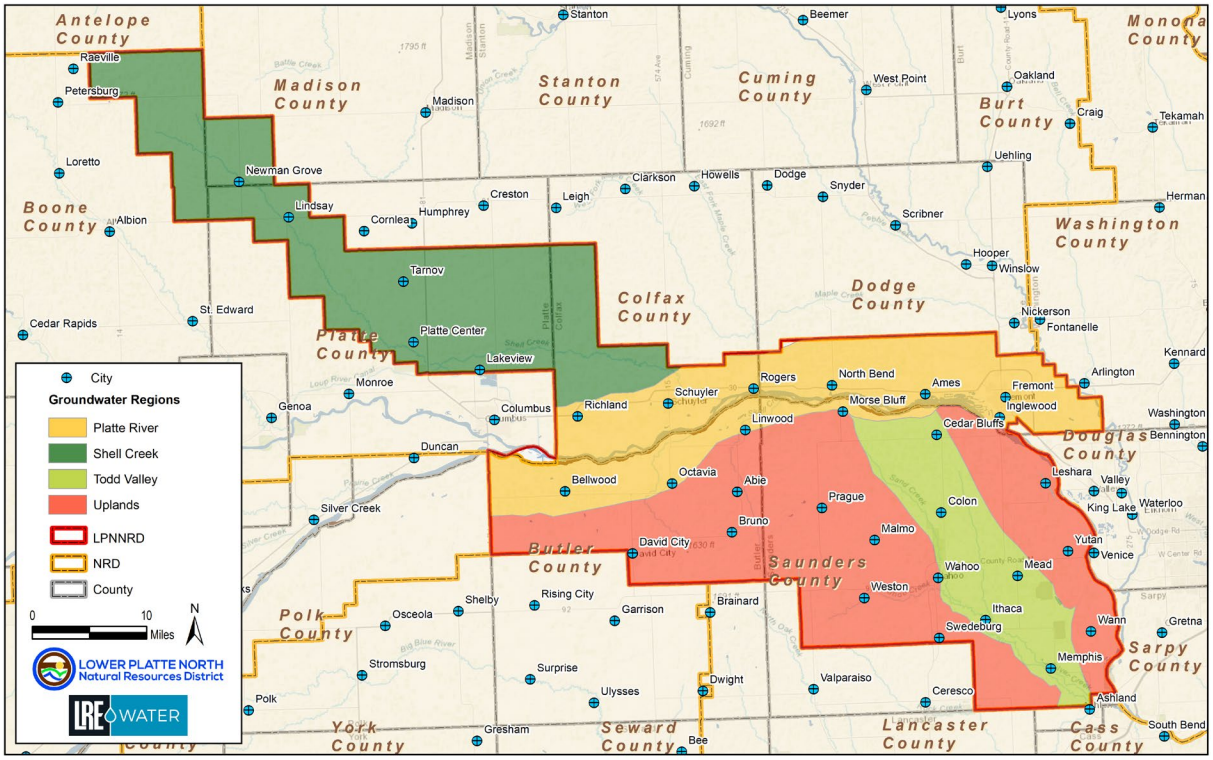

Figure 6: Groundwater Regions of the LPNNRD

2.2 HYDROGEOLOGIC DATASETS

Since 2006, the Eastern Nebraska Water Resources Assessment's (ENWRA) work has resulted in vast geologic datasets and creation of hydrogeologic frameworks for six NRDs in eastern Nebraska, including the LPNNRD. The major datasets include airborne electromagnetic (AEM) data, and geologic logs from the NeDNR and University of Nebraska-Lincoln, Conservation Survey Division (UNL-CSD) well and test holes database. These data sets and detailed desktop hydrogeologic assessments completed recently for the District are available to aid in well siting and similar groundwater management actions.

2.2.1 Airborne Electromagnetic Survey

AEM is an airborne geophysical survey method that can provide characterization of electrical properties of earth materials from 3 to 10 feet to depths over 1,000 feet. These surveys provide geophysical data quickly and efficiently and when analyzed, can help define aquifer and non-aquifer materials. The AEM surveys have been crucial in the LPNNRD's efforts to help address water quality and quantity challenges.

The LPNNRD's AEM survey datasets and reports from 2009, 2012, 2015, 2016 and 2018 are available on EWRA's projects website (https://enwra.org/projects). The AEM flight line locations within the District and adjacent NRDs are shown in Figure 7.

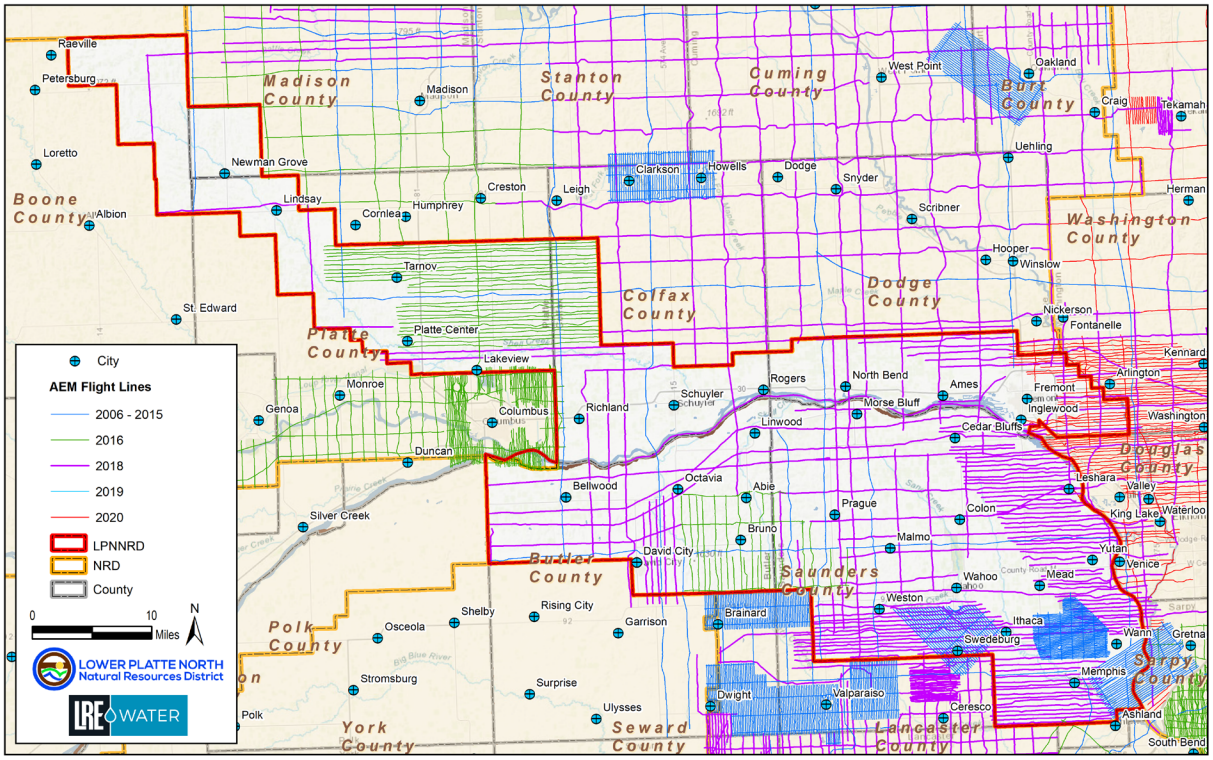

Figure 7: AEM Flights within and near the LPNNRD

2.2.2 3D AEM Framework and Hydrogeologic Assessment

In 2022, the LPNNRD utilized the AEM datasets to create a 3D AEM Framework (LRE Water, 2022), in addition to constructing detailed hydrogeologic cross sections from geologic logs. The framework was created using Leapfrog, a 3D geological modeling software program. The program delineated the hydrostratigraphy and hydraulic conductivity zones from the processed AEM data. The framework offers several benefits:

- Provides hydrogeologic information to assist staff in reviewing well permits.
- Enhances understanding of aquifer characteristics, such as recharge areas and water-bearing layers.
- Facilitates vulnerability assessments and identifies areas needing best management practices.
- Better defines hydrologically connected surface and groundwater.
- Improves collaboration with neighboring NRDs and NeDNR.
- Creates a MODFLOW grid, including layers, cells, and hydraulic conductivity zones for numerical groundwater flow modeling.

An example of a Leapfrog Works model output is shown in Figure 8 where higher resistivities are shown as brighter colors and are representative of sand and gravel. The darker colors represent low resistivity and represent clay, till, and losses. The bedrock surface is shown as a black line.

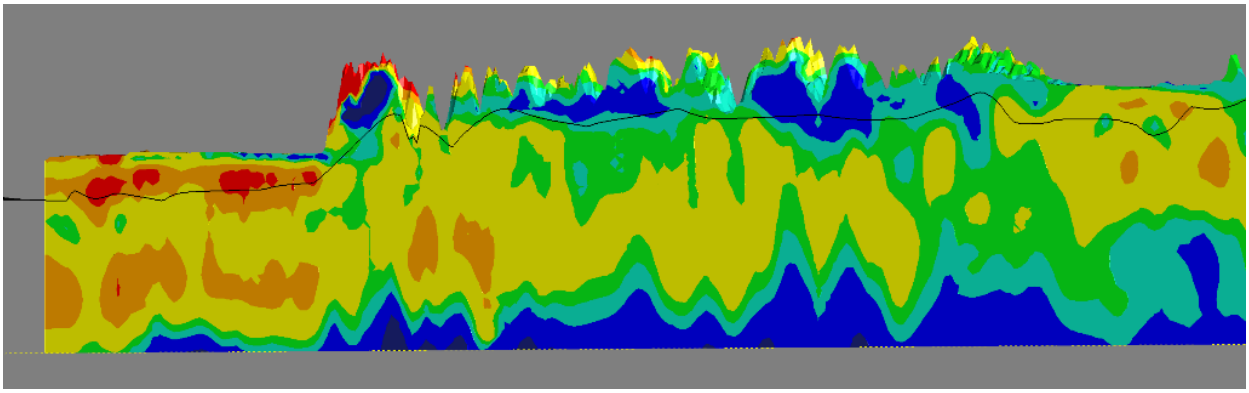

Figure 8: 3D Leapfrog output in cross section

In 2023, a Hydrogeologic Assessment (Assessment) was completed for the LPNNRD utilizing all available NeDNR well logs UNL-CSD test holes (LRE Water, 2023). In total, 22,500 well logs and 290 test holes were incorporated into the Assessment, which included a 5-mile buffer around the LPNNRD boundary. There were a total of 11,893 wells within the LPNNRD with geologic logs as seen in Figure 79. The Assessment also utilized existing geologic information from the 2022 3D AEM Framework.

In addition to a bedrock surface, the geospatial and hydrogeologic analyses completed on the geologic log data were used to develop 28 hydrogeologic cross sections, and to generate the other hydrogeologic raster surfaces, many of which were utilized to create the maps illustrated below within this plan.

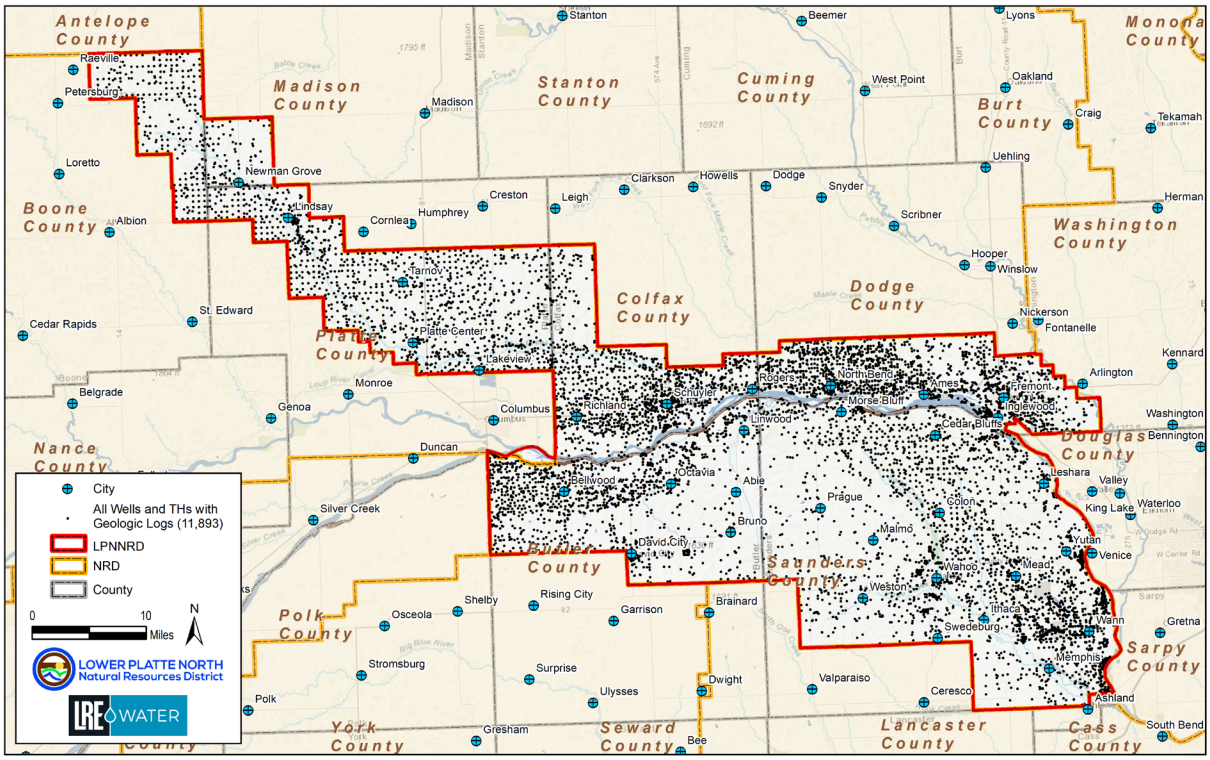

Figure 9: Well and Test Holes with Geologic Logs (LRE Water, 2023)

2.3 TOPOGRAPHY

The northwest arm of the District is dominated by upland dissected plains topography and includes portions of Boone and Madison counties, and about two-thirds of Platte County. To the southeast, the central portion of the LPNNRD includes approximately 125 miles of the Platte River Valley, extending from the cities of Columbus to the west and Ashland to the east. Through the east-central portion of Saunders County, from the cities of North Bend to Ashland, is a broad fertile area 5 to 8 miles wide, referred to as the Todd Valley. West and southwest Saunders County and eastern Butler County, known locally as the 'hill area', is comprised of bluffs along the north edge and rolling hills, ridges, and steep valley slopes south of the Platte River Valley. A map of the topography, derived from a Digital Elevation Model (LRE Water, 2023), is shown in Figure 10.

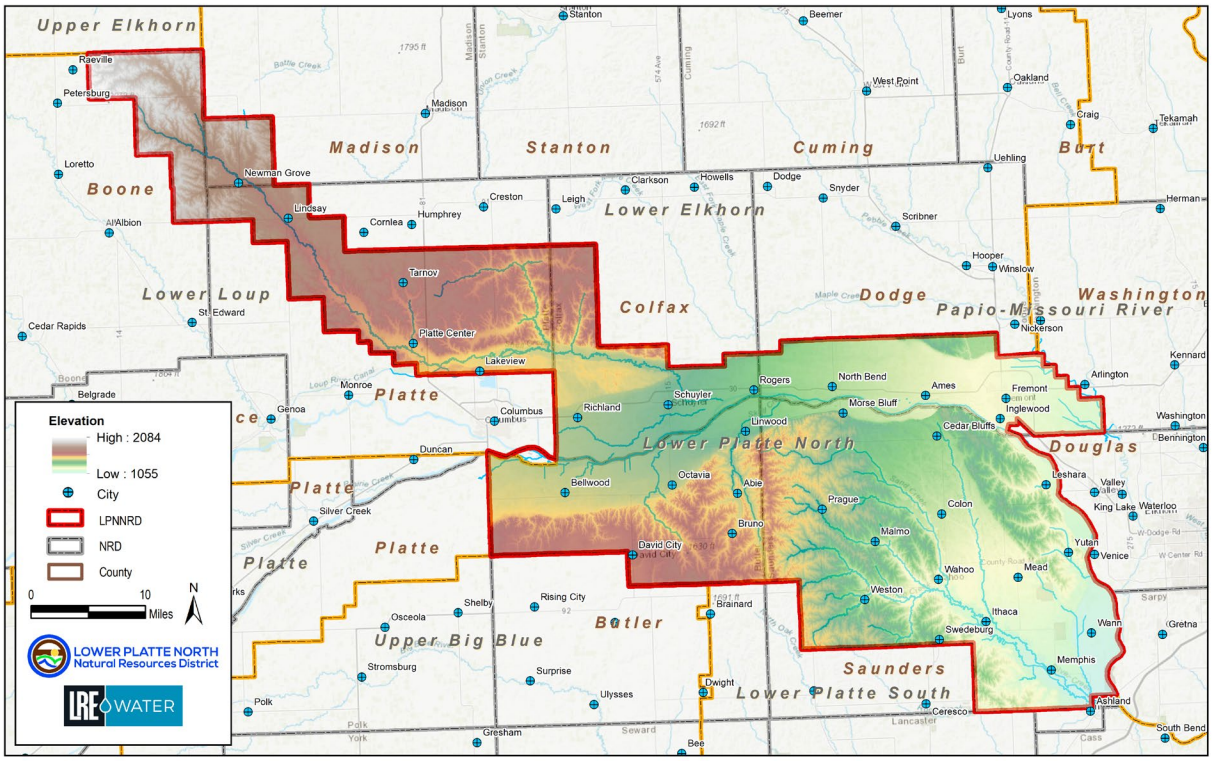

Figure 10: Topography of the LPNNRD

2.4 SOILS

Soils in the uplands of Butler and Saunders counties consist primarily of clays and silty clays to silty clay loams somewhat similar to the Sharpsburg and Sharpsburg-Pawnee association. Primary soils in the upland areas are eroded to a point where they no longer exist, and landowners are now farming in the "B" horizon. This has implications for surface and groundwater quality. The permeability of these soils is less than 1.0 inch per hour on slopes that range from gentle to 20 percent. Recharge rates are quite low and recharge is principally limited to perched aquifers. These soils are loess type soils with some intermixed glacial till areas. The drainage pattern and flood plain configuration of Wahoo Creek is primarily composed of Kennebec soils of silty clay loam ranging from moderate to poorly drained (HWS, 1995).

The western portion of the Platte River corridor is comprised of Acadia-Platte alluvial fine sands underlain by sands and gravels. The eastern portion of the corridor is practically the same, however, depth to water in the eastern area is greater. This primary water line, where groundwater is most significantly present within the Platte River corridor, is bounded on the north by poorly drained Gibbon-Luton silty and clayey soils. Areas to the south and a few areas along the western end of the Platte River corridor contain silty soils that are well drained and of loess origin (HWS, 1995).

The northwest corner of the District is composed of moderately to well drained silty type soils with permeabilities ranging from 1 to 2 inches per hour above the areas adjacent to Shell Creek. Areas in northeast Platte County have permeability ranges of 1.5 to 5 inches per hour (HWS, 1995).

The general pattern of soil distribution shows that soils of loess origin are found on the uplands with alluvial soils predominant on the bottom lands, as seen in Figure 11. Permeabilities range from practically zero to greater than 10 inches per hour (near Columbus and southeast of Bellwood). The pattern shows that, generally, soils south of the Platte River are less permeable than those of the north side. Soil textures range from fine sands to silty clays.

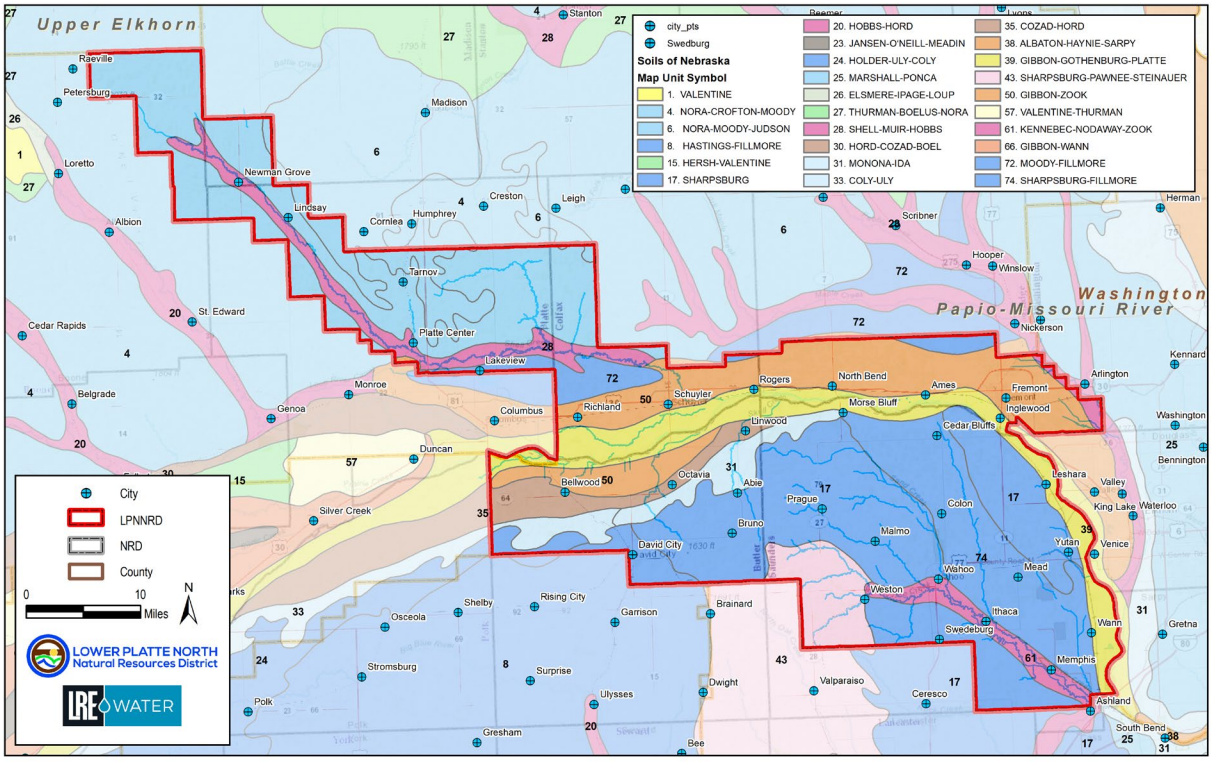

Figure 11: Soil Types

2.5 Geology and Hydrological Characteristics

The geology of the District generally consists of Quaternary-age unconsolidated loess, glacial till and outwash, and older buried fluvial deposits overlying bedrock. The five primary bedrock formations are shown in Figure 12. A description of the major unconsolidated and bedrock formations and their potential to transmit water to wells, as described in the previous plan, are listed in Table 2.

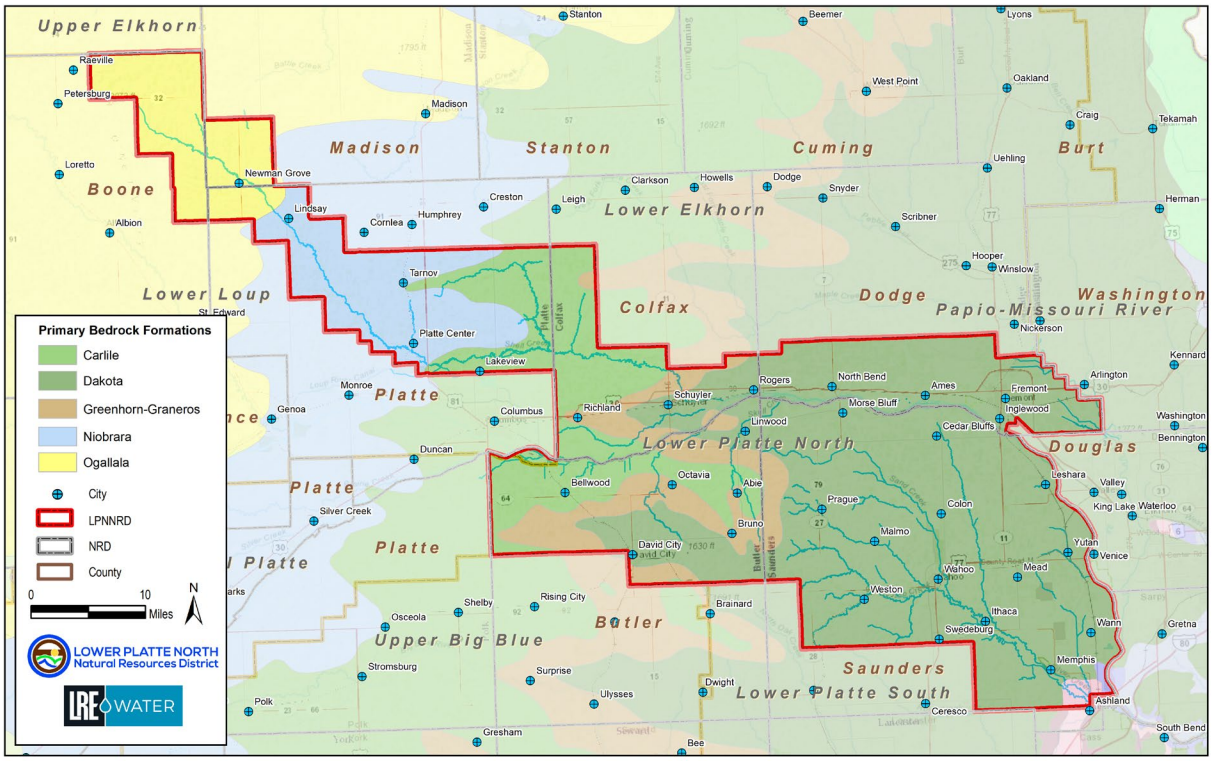

Figure 12: Bedrock Formations

Table 2: Geologic Sequence of Major Formations in LPNNRD

SYSTEM	SERIES	MAJOR STRATIGRAPHIC UNITS	PHYSICAL CHARACTER	WATER SUPPLY
Quaternary	Holocene	Modern Soils	Locally silty, clayey, or sandy.	Transmits locally variable amounts of recharge to the groundwater reservoir.
		Recent valley-fill deposits	Alluvial deposits of gravel, sand, silt, and clay associated with the most recent cycle of erosion	May contribute significant amounts of water to wells.

SYSTEM	SERIES	MAJOR STRATIGRAPHIC UNITS	PHYSICAL CHARACTER	WATER SUPPLY
	Pleistocene	Loess	Wind-blown silt with lesser amounts of very fine sand and clay.	Transmits recharge to the underlying aquifers. May provide small quantities of water to shallow wells.
		Till	Ice-deposited silty, sandy clay with gravel and larger pebbles and boulders.	Relatively impermeable. Transmits water slowly to buried aquifers. Groundwater may be perched above the till. Sand deposits within the till provide water to low-capacity wells.
		Glacial outwash and other ancient valley-fill deposits	Alluvial deposits of gravel, sand, silt, and clay associated with ancient erosional and depositional cycles.	Contributes water to wells in generally large amounts, stream-deposited sand and gravel constitute the major aquifers and yields to high-capacity wells.
Tertiary	Pliocene(?)	Ancient valley-fill deposits	Mostly unconsolidated silt. May blanket Cretaceous bedrock at base and on side slopes of paleo-valleys.	Generally, too fine textured to yield water to wells.
	Miocene	Ogallala	Poorly sorted clay, silt, sand, and gravel generally uncemented to slightly cemented.	The Ogallala constitutes a major aquifer in western portion of LPNRD. Yields to large-capacity wells.
Cretaceous	Upper Cretaceous	Niobrara	Chalk	May supply water to wells where fractures exist or are saturated.
		Carlile	Shale	Not known to supply water to wells
		Greenhorn	Limestone	
		Graneros	Shale	
	Lower Cretaceous	Dakota	Sandstone and shale	Constitutes a significant aquifer in the eastern part, potentially yields and water quality are locally variable.

Source: HWS, 1995

2.6 Total Saturated Sand

The total thickness of saturated sand is an indicator that can be used to qualitatively evaluate the relative potential yield from an aquifer or aquifers. The total saturated sand in the District, shown in Figure 13 (LRE, 2023), was created using water level and geologic data from NeDNR well logs and UNL-CSD test holes logs. Figure 13 was created by reviewing only the available geologic logs that

encountered bedrock from the NeDNR and UNL CSD datasets. The thicker aquifers are present in the northwest and Todd Valley portions of the District, and generally become thinner in the central portion and beyond Todd Valley.

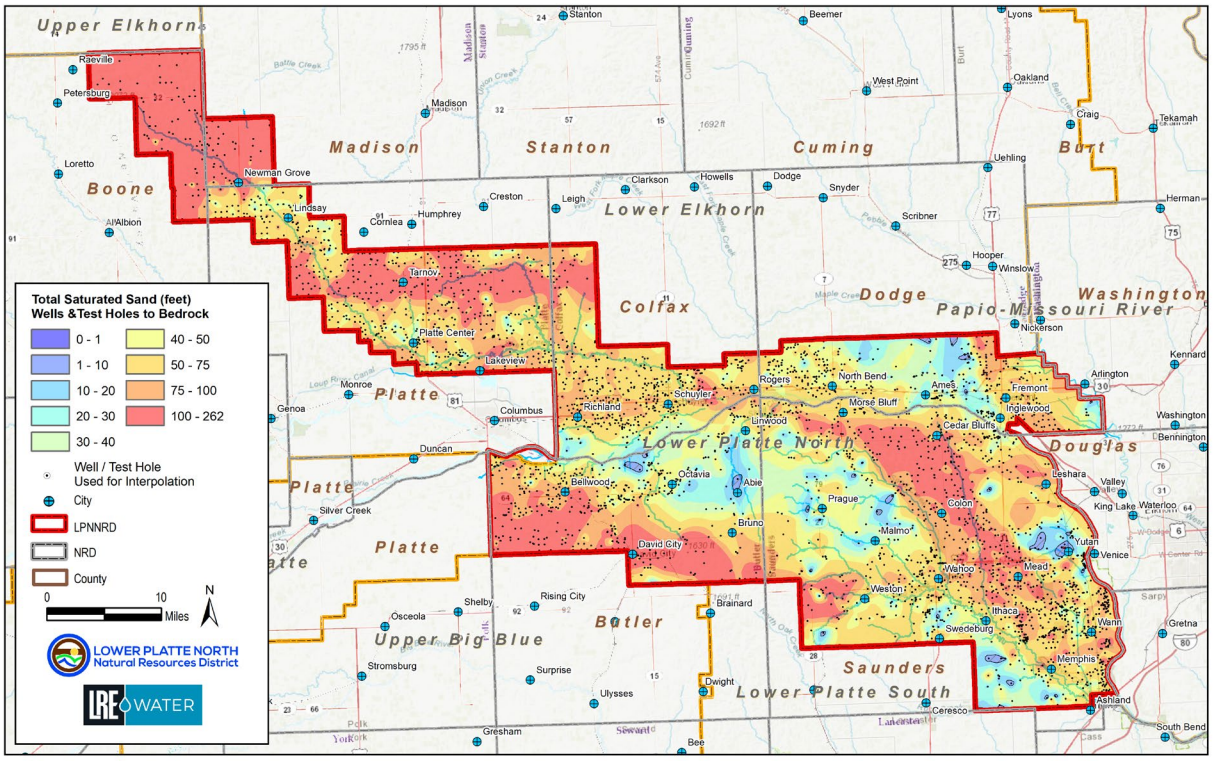

Figure 13: Total Saturated Sand, Well and Test Holes

2.7 Confined vs. Unconfined Aquifers

A confined aquifer is a formation below the land surface that is saturated with water and has impermeable layers above and below it is causing it to be under pressure. As a result, when a confined aquifer is penetrated by a well, the water will rise above the top of the aquifer in the well. Artesian wells are a result of confined aquifers. In a confined aquifer, water level declines represent a reduction of artesian head, not saturated thickness.

A management strategy for a confined aquifer is to avoid pumping a confined aquifer to levels where it unnaturally transitions to unconfined conditions. The primary risk of this is decreasing the aquifer's pore pressure, which can potentially reduce well yields and quality due to changes in water pressure and oxidation. Over pumping can also lead to well interference by reducing the available head in the aquifer, declining water levels, and reduced well yields.

Unconfined aquifers, also referred to as water table aquifers, are present where the upper water surface (water table) is equal to atmospheric pressure. In an unconfined aquifer, water level rises and declines changes affect the saturated thickness.

Management strategies for an unconfined aquifer are to avoid over pumping if the rate of withdrawal exceeds the rate of recharge. In addition, dewatering activities can draw in pollutants, potentially

contaminating the water source, and excessive pumping can lead to reduced saturated thickness and well yields, reduced water levels in nearby surface waters if hydraulically connected, and the potential for well interference with other users.

Differences in static (i.e., non-pumping) groundwater levels measured in adjacent wells could be caused by wells being screened at different depths and/or in different aquifers.

Knowing whether an aquifer is confined or unconfined is important for effective groundwater management in Nebraska for several reasons:

1. **Water Availability**: Unconfined aquifers, also known as water table aquifers, are more influenced by surface conditions and can be more susceptible to droughts. Confined aquifers, under pressure, provide a more stable water supply.
2. **Recharge Rates**: Unconfined aquifers recharge more quickly due to their proximity to the surface and direct receipt of precipitation. Confined aquifers recharge more slowly due to impermeable layers above them.
3. **Water Quality**: Unconfined aquifers are more vulnerable to surface contamination from activities like agriculture and industry, while confined aquifers are generally better protected. Well construction issues will increase the vulnerability.
4. **Management Strategies**: Different practices are required for managing confined and unconfined aquifers. Unconfined aquifer management focuses on protecting recharge areas and controlling surface contamination, while confined aquifer management involves monitoring pressure levels and ensuring sustainable withdrawal rates. Pressure levels can be monitored using a piezometer to measure water level, known as the piezometric head. The pressure is calculated at a specific depth using a formula that includes the density of water, acceleration due to gravity, and height of the water column above the point of measurement.
5. **Hydraulic Properties**: The hydraulic properties, such as transmissivity and storativity, differ between confined and unconfined aquifers, affecting water movement and extraction.

By understanding the differences in aquifer types, the staff and Board can develop more effective strategies to promote sustainable water use and protect water quality by allocating resources based on specific needs. Figure 14 (LRE, 2023) illustrates the distribution of confined and unconfined aquifers. In certain areas, aquifers may transition from unconfined to confined due to fluctuations in water levels, with transitional zones defined as areas experiencing water level changes of approximately ±10 feet. For the purposes of the GWMP, all transitional zones are classified as unconfined. Figure 15 provides an example of a transitional zone where over pumping has resulted in a shift from confined to unconfined conditions.

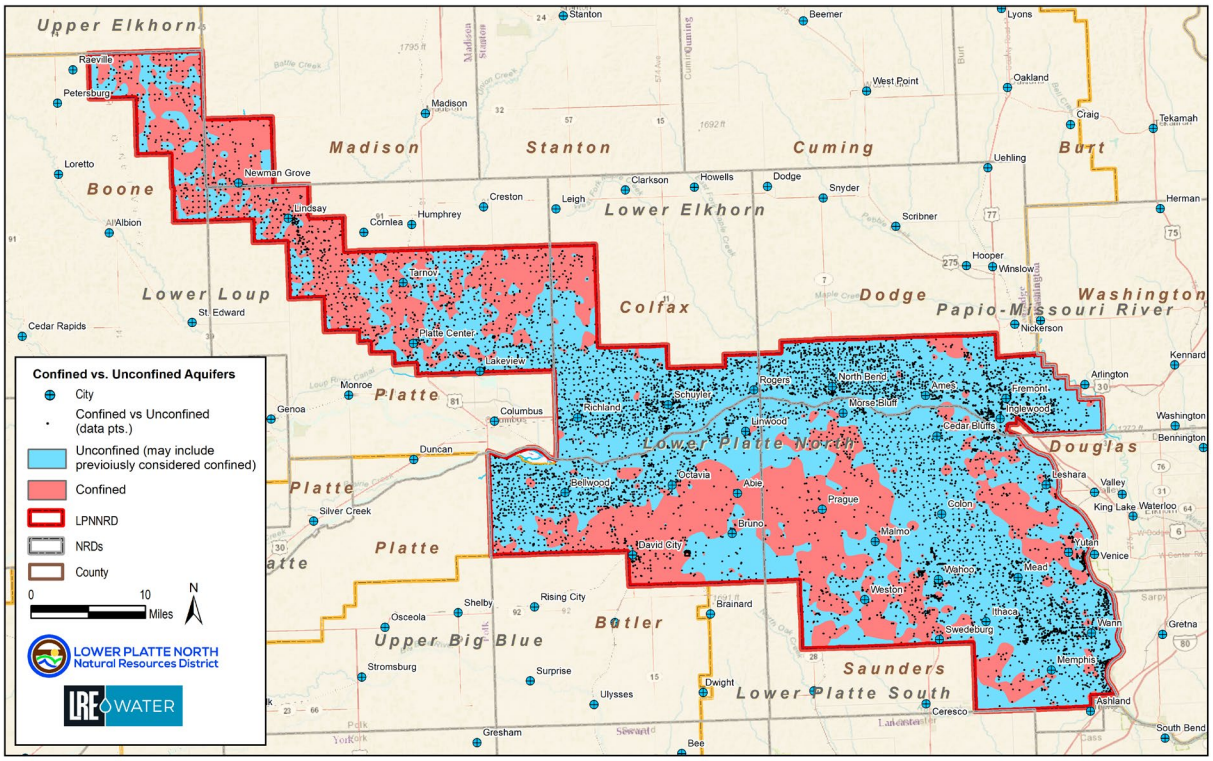

Figure 14: Confined vs. Unconfined Aquifers

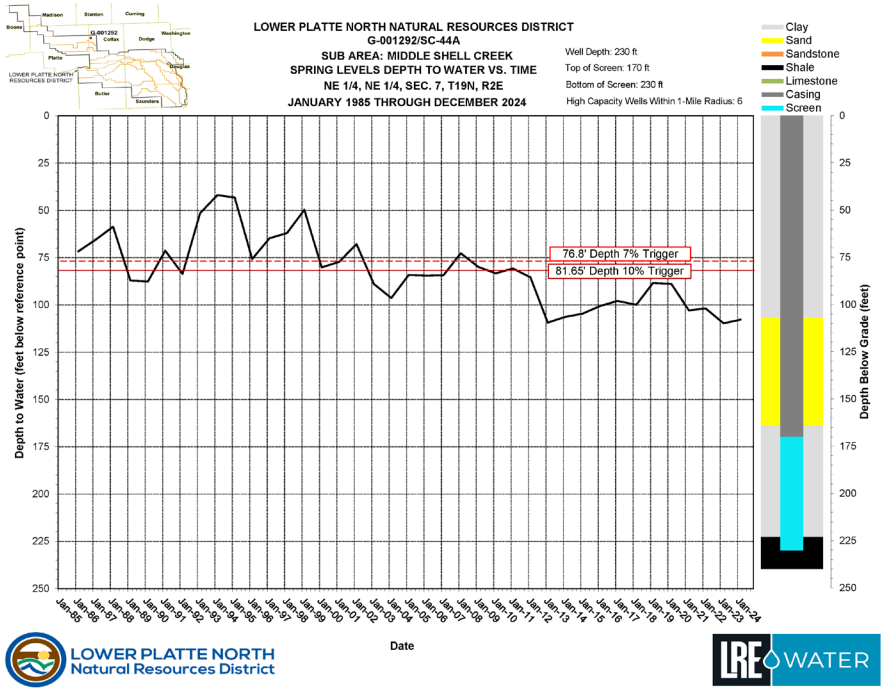

Figure 15: Hydrograph of Transitional Aquifer Type

2.8 TRANSMISSIVITY

Transmissivity is perhaps the one hydrologic parameter which best describes the aquifer and its potential for use and withdrawal. Transmissivity is the rate which quantifies the ability of an aquifer to transmit water and is dependent on saturated thickness and permeability.

Figure 16 shows the transmissivity of the Principal Aquifer for the LPNNRD based upon the Assessment (LRE Water, 2023). Areas with transmissivity less than 10,000 gallons per day per foot are not considered optimal areas for high-capacity wells, which are hatched.

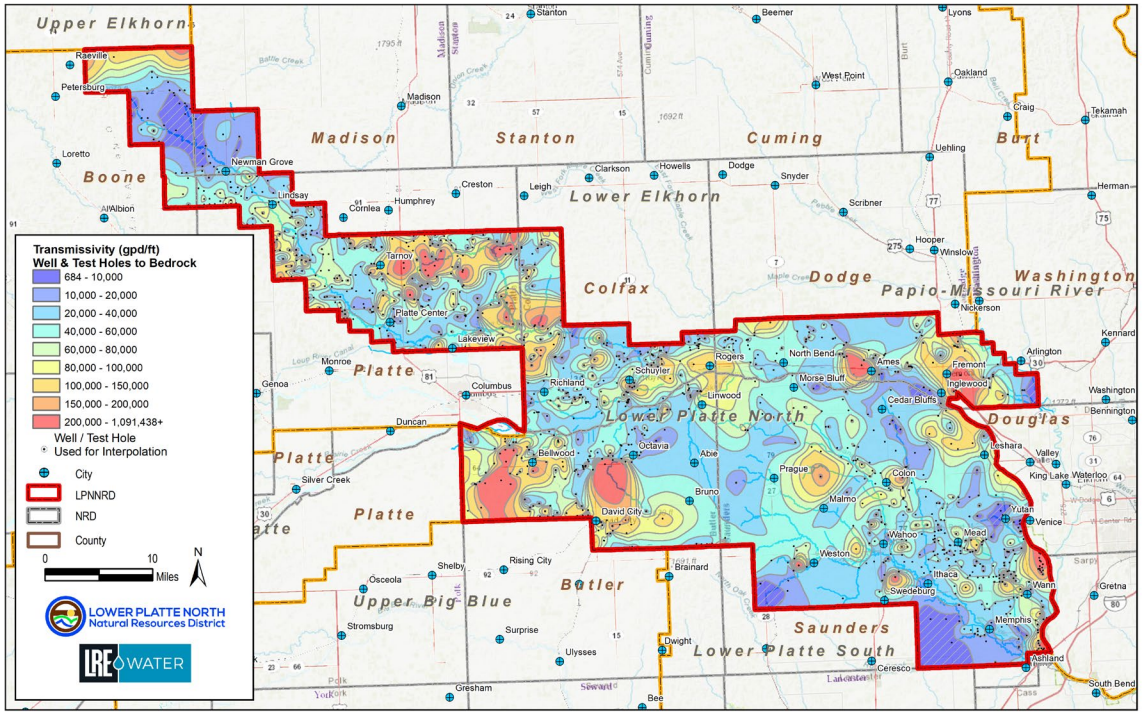

Figure 16: Aquifer Transmissivity

2.9 CLIMATE AND PRECIPITATION

Precipitation in the LPNNRD serves as the principal source of water for recharge, except in the Platte River Valley and areas adjacent to the Platte River, where river water contributes to aquifer recharge. Pumping in these areas can further induce additional recharge from the river. Figure 17 demonstrates the mean annual precipitation for the state and the LPNNRD between 1981 and 2020, provided by the National Oceanic and Atmospheric Administration. The average annual water requirement for maximum yield by crops varies from 25 inches for corn to 22 inches for grain sorghum and soybeans (HWS, 1995). The overall average water use for irrigation to supplement precipitation is 5.56 inches district-wide, with the exception of Butler/Saunders SQS#1 (4.65) and Platte/Colfax SQS#2 (4.59) where allocations restrict pumping (LPN, 2024). Moisture needs are more critical at certain times in the crop growing cycle and if moisture is not available, crop production can and does suffer. Detailed evaluations of precipitation versus soil moisture and crop water needs are necessary components in providing a comprehensive management system.

This area of the state receives maximum precipitation in April, May, and June, at which time the highest rate of leaching of contaminants is occurring. The maximum water use period by crops stretches from April through September (crop dependent), with July, August, and September water requirements exceeding available average precipitation. It is apparent that at certain times there is a need for irrigation water to consistently produce high yields.

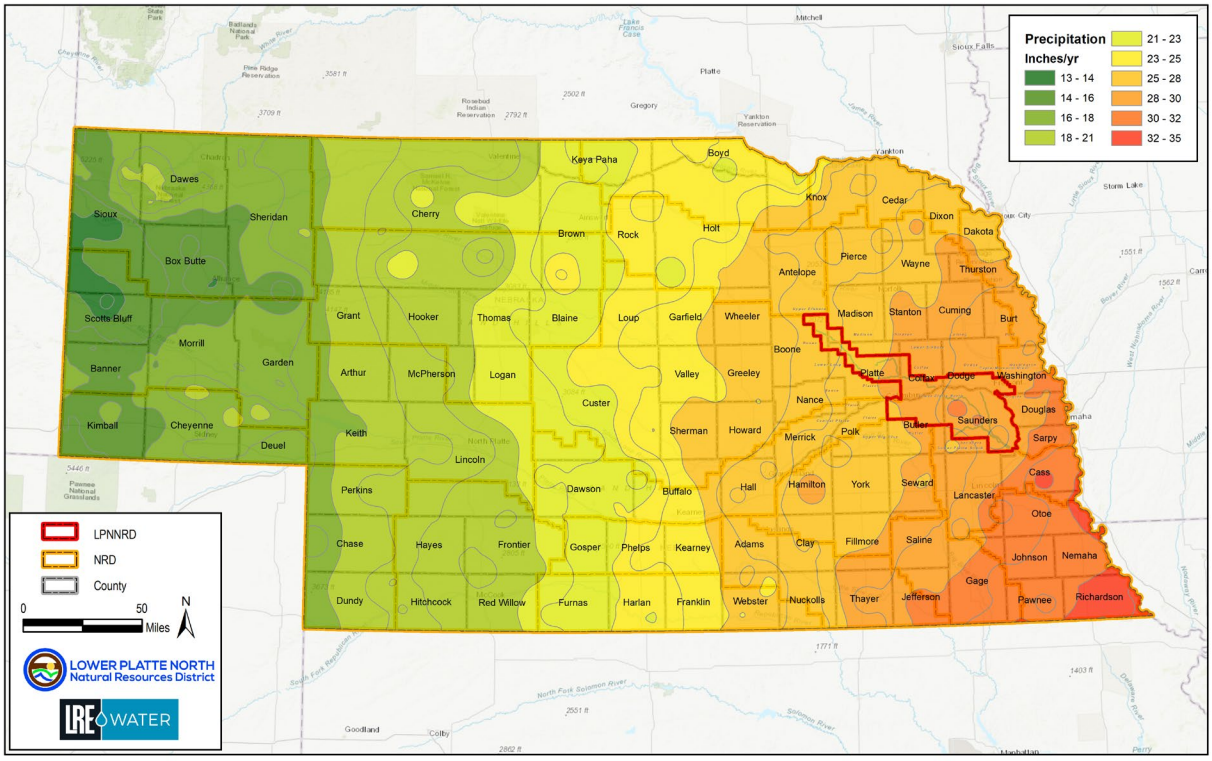

Figure 17: Average Annual Precipitation (1981-2010)

2.10 Land Cover

The vast majority of the District's 1,030,468 acres (approximately 75 percent) of LPNNRD is classified as row crop by the CropScape – Cropland Data Layer, derived from the U.S. Department of Agriculture's National Agricultural Statistics Service (NASS). The NASS dataset was used to look at land cover changes since 2009 and categories were combined into seven sub-categories, out of the 37 that are available. As shown in Table 3, over 84,500 acres of grass or pasture has been converted since 2009. The increase in wetlands was not determined but could be a result of the 2019 flood event or potentially a difference in interpretations of data collected in each respective year. A spatial representation of land cover is shown in Figure 18.

Table 3: LPNNRD Land Cover Change (2009 – 2023)

Land Cover	2009	2023	Ac Change	% Change	2009 Coverage	2023 Coverage
Row Crop	716,285.3	769,604.6	53,319.3	7.4%	69.5%	74.7%
Alfalfa/Hay	19,640.1	34,722.4	15,082.3	76.8%	1.9%	3.4%
Developed	55,475.7	58,863.9	3,388.2	6.1%	5.4%	5.7%
Grass/pasture	179,834.1	95,315.4	-84,518.7	-47.0%	17.5%	9.2%
Forest	33,010.9	35,942.7	2,931.8	8.9%	3.2%	3.5%
Open Water	17,666.4	19,698.6	2,032.2	11.5%	1.7%	1.9%
Wetlands	8,556.2	16,320.7	7,764.5	90.7%	0.8%	1.6%

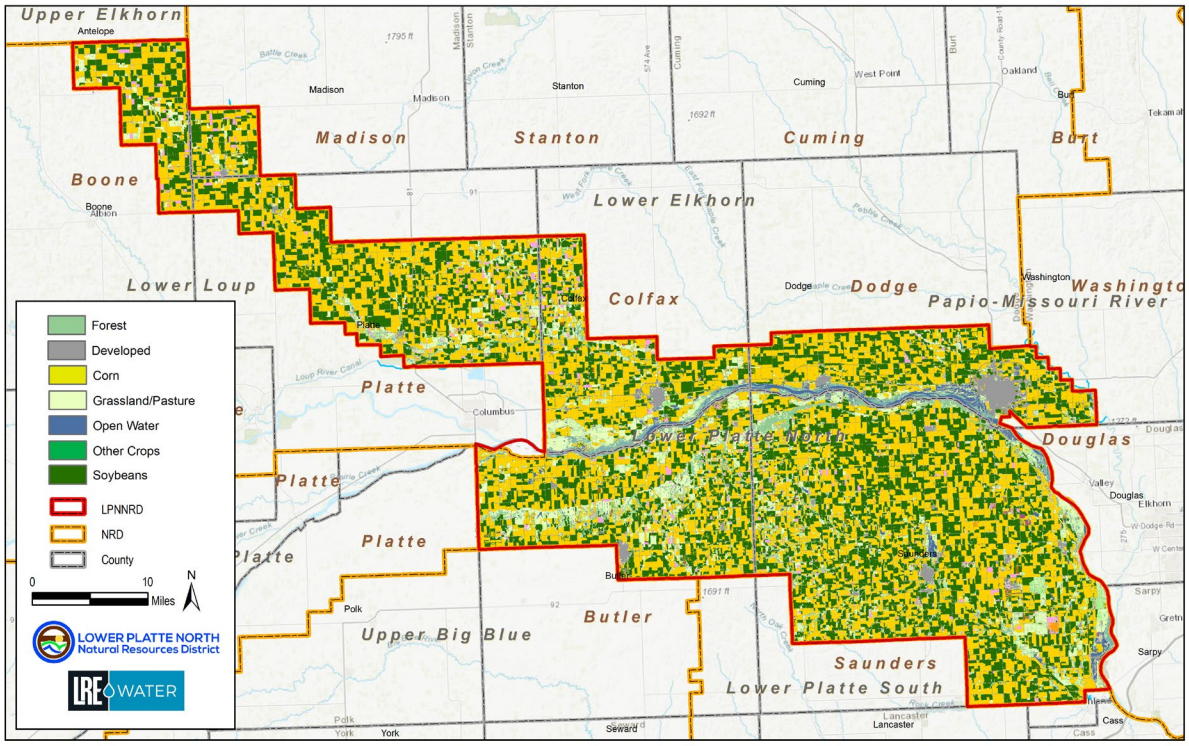

Figure 18: 2023 Land Cover

As the total number of acres harvested increases, the following occurs:

1. The number of acres of permanent cover decrease.
2. The number of acres more susceptible to erosion and runoff increases.
3. The usage of fertilizer, herbicides, pesticides, etc. increases.
4. The potential for ground and surface water degradation increases.
5. The use of high-capacity wells for irrigation increases demand on the aquifers and surface water resources.

2.11 Population – Economic Base

The economic base for LPNNRD communities varies, but generally includes agriculture, manufacturing, and services. Many of the communities rely heavily on agriculture, including crop production (corn, soybeans) and livestock farming. The City of Fremont, the largest community, has a diverse industrial base with food processing, metal fabrication, and other manufacturing sectors. Tourism and recreation are also available, with multiple state and locally operated lakes open to the public, along with use of the Platte River for open water recreation.

The total population of the LPNNRD is estimated at 65,447 (NARD, 2024) with approximately 49,860 within incorporated communities, or approximately 76 percent. Most of these residents in the rural ares are relying on private drinking water wells. A breakdown of population for the 28 LPNNRD communities in shown in Table 4.

Table 4: Population of Incorporated Places (1990 – 2025)

Village/City	1990	2000	2010	2020	Projected Population 2025
Yutan	1,100	1,216	1,174	1,308	1,350
Weston	310	310	324	335	340
Wahoo	3,700	3,942	4,508	4,509	4,600
Prague	340	346	303	285	290
Morse Bluff	130	134	135	135	140
Memphis	110	106	114	114	120
Mead	580	564	569	617	630
Malmo	120	109	120	120	125
Leshara	115	112	112	112	115
Ithaca	150	168	148	148	150
Colon	140	138	110	110	115
Cedar Bluffs	630	615	610	610	620
Schuyler	5,200	5,371	6,211	6,547	6,700
Rogers	95	95	95	95	100
Richland	75	73	73	73	75
North Bend	1,180	1,213	1,177	1,241	1,300
Inglewood	390	382	325	325	330
Fremont	24,500	25,174	26,397	27,141	27,500
Octavia	125	127	127	127	130
Linwood	88	88	88	88	90
David City	2,550	2,597	2,906	2,995	3,050
Bruno	110	112	99	99	100
Bellwood	440	446	435	435	440
Abie	110	108	69	69	70
Newman Grove	790	797	721	721	730
Tarnov	65	63	46	46	50

Village/City	1990	2000	2010	2020	Projected Population 2025
Platte Center	340	336	336	336	340
Lindsay	320	321	255	255	260
TOTALS	43,803	45,063	47,587	48,996	49,860

Source: Statistical Atlas of the U.S.

Information on industrial activity demonstrates a variety of industrial types present in the District that includes grain processing, alfalfa products, concrete products, equipment manufacturing, fiberglass manufacturing, irrigation equipment manufacturing, sand and gravel mining, steel fabrication, confined animal feeding operations (swine, beef, and chickens), packing plants, among many others. This industrial array also yields a diversity of water needs and waste treatment problems. These needs and problems may have a degrading effect on both ground and surface water quality and quantity if not properly addressed.

2.12 Surface Water

The LPNNRD is recognized by its northwest boundary consisting of the Shell Creek watershed extending from the cities of Newman Grove to Schuyler, where it meets the Platte River. Other significant streams include Elm Creek, Loseke Creek, Lost Creek, Skull Creek, and Wahoo Creek and its tributaries including Sand Creek, Silver Creek, and Cottonwood Creek (Figure 19).

Outside of the Platte River, most of the other perennial streams do not support floating or active recreational uses. Flow through this region of the Platte River is a combination of the Upper Platte, the Loup, and the Elkhorn Rivers. Flow in the Platte River can range from no flow to overbank flows. The data(for 51 years up to 1995 as listed in the 1995 GWMP), at the City of Ashland shows the contributions of flow are: Elkhorn River (22 percent), Loup River (48 percent), upper Platte River (28 percent) and tributaries and valley groundwater inflow (2 percent). The annual and seasonal percentages of contribution vary extensively and are dependent upon the level of precipitation or runoff from snowmelt within the areas of influence. As precipitation influences streamflow, dry periods likewise influence streamflow and the manner of loss and gain to groundwater areas is often linked with streamflow volume.

Most of the streams receive baseflow from groundwater seepage to help maintain stream levels during dry periods. However, during heavy rain events, streams become ‘flashy’ and experience rapid increases in flow and water levels due to surface water runoff.

Surface water rights are managed by NeDNR. As of 2025, there are a total of 154 active surface water diversion points across the LPNNRD with a record of 10,163 acres of irrigated crops utilizing surface water (NeDNR, 2025a).

The Platte River’s role in recharging groundwater by induced pumping and during periods of overbank flow within portions the LPNNRD is vital. Wellfields along the Platte River are crucial for supplying water to a significant portion of Nebraska’s population, including water supplies for the City of Lincoln Water System (296,000 customers) (City of Lincoln, 2024) and Metropolitan Utilities District (600,000 customers) (MUD, 2024). The importance of this water source, managing the balance between groundwater recharge and surface water flow is essential. This involves monitoring water quality,

managing water withdraws, water rights, and ensuring sustainable practices to maintain the health of the aquifer and the river system.

There are a total of seven stream gages, managed USGS, within the LPNNRD, including one in progress. The location and station name for each of the gage stations is shown in Table 6 with locations in Figure 19. Historical stream flow hydrographs can be found in Attachment A. Statistics from the USGS gage stations provide an idea of the volume of water, and variation in flow events, within Shell Creek, Wahoo Creek, and Platte River.

Table 5: LPNNRD Steam Gage Information

Station Number	Station Name	General Location
06795500	Shell Creek near Columbus	122nd Ave - 4 miles NE of Lake Babcock
06796000	Platte River at North Bend	State HWY 79 - 0.5 miles S of North Bend
06796500	Platte River near Leshara	State HWY 64 west of Valley
06804000	Wahoo Creek at Ithaca	CRG - 1 mile S of Ithaca
06804700	Wahoo Creek at Ashland	State HWY 63 - 0.5 miles N of Ashland
06801000	Platte River near Ashland	At HWY 6
06795050	Shell Creek near Platte Center	In Progress

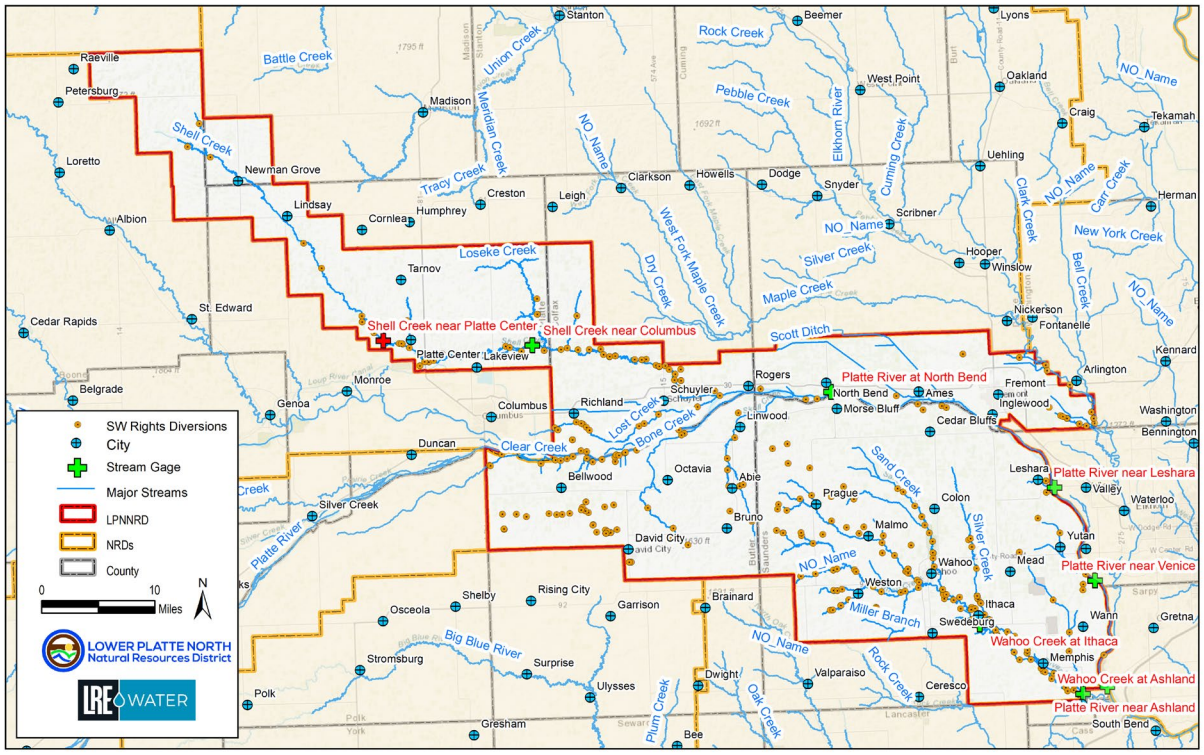

Figure 19: Major River Systems, Stream Gages and Diversion Points

2.13 Wells and Test Holes

The primary volumetric uses of groundwater in the District are for irrigation and municipal water needs, as shown in Figure 19. Groundwater is the principal source of supply for public drinking water systems, with all public water supplies deriving their supply from these sources. The cities of Lincoln, Omaha, and Fremont have extensive wellfields along the Platte River. Although the City of Lincoln is not located in the LPNNRD, a significant portion of its wellfield for public water supply is situated along the Platte River north of the City of Ashland.

The current use rate for the City of Lincoln's wellfield averages 39.4 million gallons per day (mgd) but can reach up to 64 mgd during the summer months (LWS, 2020). This volume, combined with the demand from irrigation and other public and private users within the District, underscores the importance of both the quantity and quality of groundwater for continued and sustained development. While community water use is reportly annually as part of the IMP implementation, the development of irrigation wells serves as an indicator of the majority of the aquifer use, as shown in Figure 20.

The UNL-CSD's drilling program and has drilled 6,000 test holes throughout the state since 1930. Geologic material from these sites is preserved at the CSD Geological Sample Repository. This data is maintained by UNL-CSD and made available to the public for research, well siting, aquifer mapping, and much more. There are 151 UNL-CSD test holes within the LPNNRD, and another 136 within 5 miles of the LPNNRD boundary, as shown in Figure 21.

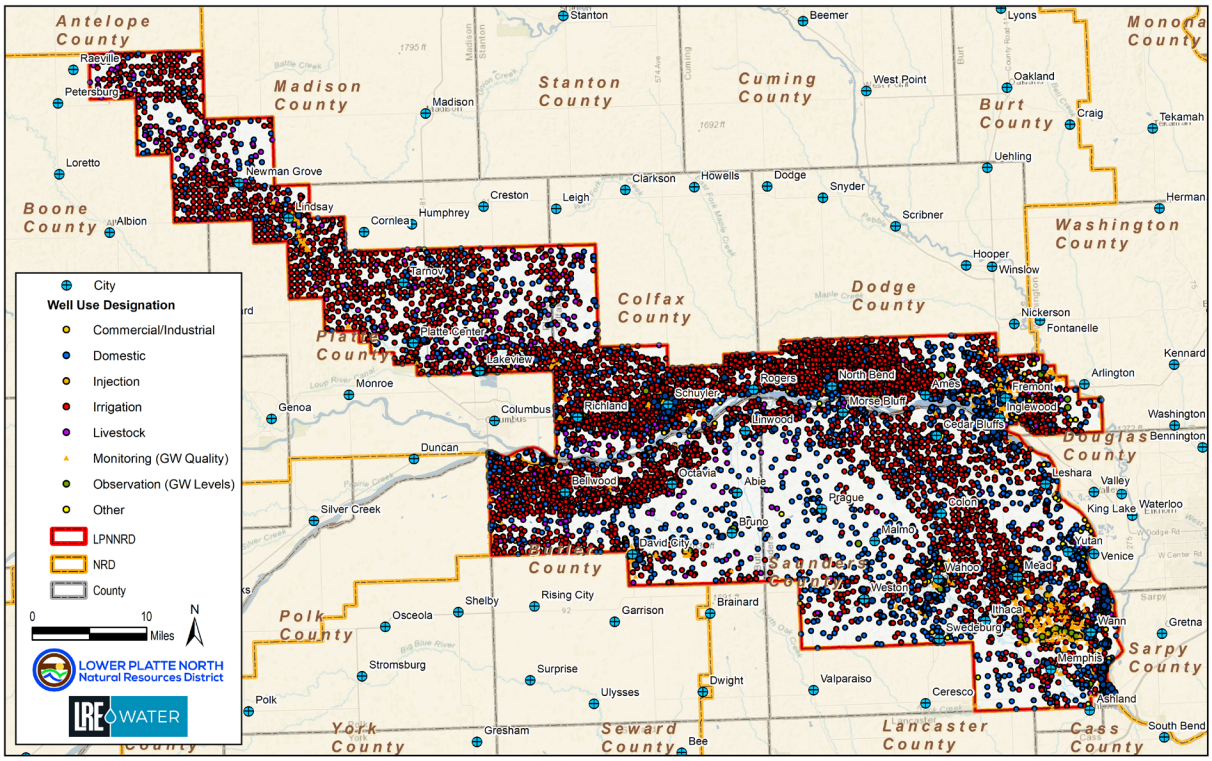

Figure 20: Registered Active Wells in the LPNNRD

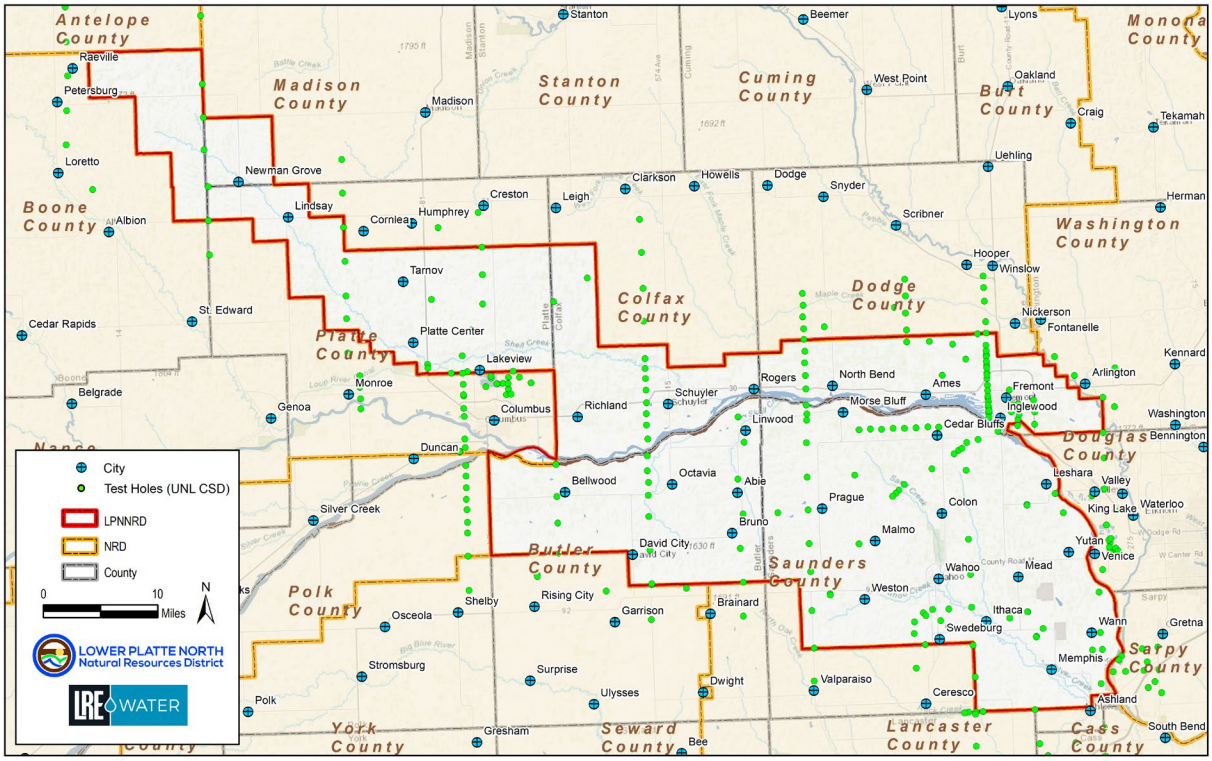

Figure 21: Test Holes within 5-miles of LPNNRD

2.14 Partners and Programs

The LPNNRD commonly works with a wide-array of partners in managing water resources. A summary of the major partners are listed below:

U.S. Geologic Survey (USGS)

The Nebraska Water Science Center, a organization of the USGS, commonly partners with NRDs to provide reliable, impartial, and foundational data and scientific analysis to support a wide-variety of groundwater and surface water projects. The USGS is responsible for the maintenance of the five stream gages in the LPNNRD.

Nebraska Department of Environment and Energy (NDEE)[1]

The NDEE is responsible for protecting and improving human health, the environment, and energy resources. Primary responsibilities include environmental protection of air quality, water quality, land and waste management, emergency response to spills, petroleum remediation, climate change, assistance to agricultural practices, and energy resources.

The NDEE maintains the Nebraska Groundwater Quality Clearinghouse, a one-stop location for a wide-variety of water quality data that is strongly supported by NRDs. The Source Water Protection Program

[1] As of July 1, 2025, NDEE and NeDNR merged and are referred to as the Nebraska Department of Water, Energy, and Environment (NeDWEE)

provides funding and is utilized to support the protection and sustainability of public water systems and the WHP program. Other programs related to groundwater include Underground Injection Control, Onsite Wastewater Compliance, Agricultural Permitting, and the National Pollution Discharage Elimination System. NDEE also provides Section 319 funding including support of projects addressing nitrate leaching to groundwatewr.

Nebraska Department of Natural Resources (NeDNR)[2]

The NeDNR is responsible for surface water, groundwater, floodplain mananagement, dam safety, ntural resources planning, water planning and integrated management, storage of natural resources and related data, and administration of State funds (NeDNR, 2025b). The NeDNR is a regular partner with the NRDs and is currently working with the LPNNRD on implementation and updates to the IMP. The NeDNR is responsible for the maintaining the registered well database, registering wells, providing GIS data, and maintaining stream gages. They also administer multiple funding programs.

University of Nebraska – Lincoln Extension

The UNL Extension provides education and outreach, and is spearheading a statewide initiative to enhance collaboration among project partners to tackle health concerns related to contamination of water resources.

University of Nebraska – Conservation and Survey Division (UNL-CSD)

The UNL-CSD serves as the natural resources component of the School of Natural Resources. Overtime, UNL-CSD has partnered with the LPNNRD on a variety of projects aimed at installing dedicated monitoring wells and analyzing AEM data.

Eastern Nebraska Water Resources Assessment (ENWRA)

The ENWRA started in 2006 with six NRDs collaborating on the development of a geologic framework and water budget for the previously glaciated portion of eastern Nebraska (ENWRA, 2024). This group has been responsible for the collection of AEM surveys across a large area of Eastern Nebraska, including most of the LPNNRD.

Neighboring NRDs

Through efforts such as the Lower Platte River Basin Coalition, the LPNNRD regularly collaborates with neighboring NRDs on regional and local water management efforts. The LPNNRD is also a partner of the Lower Platte River Drought Contingency Plan and is working with NeDNR, LPSNRD and PMRNRD on development of a subregional groundwater model for the Lower Platte River.

Cities and Villages

The LPNNRD regularly collaborates with Nebraska cities and villages to manage and protect natural resources effectively including flood management, water quality programs, stormwater management, education outreach, recreation projects, and grant and funding assistance. The LPNNRD will assist

[2] As of July 1, 2025, NDEE and NeDNR merged and are referred to as the Nebraska Department of Water, Energy, and Environment (NeDWEE)

communities with development of WHP plans, source water protection projects, and engage with communities to site new public water supply wells.

Counties

The LPNNRD collaborates with Counties on flood reduction and ice jam management, groundwater management, education programs at county fairs, and engagement of special projects on a county-wide basis (SQS areas).

NARD

The NARD serves as the trade association for Nebraska's 23 NRDs. Some of the basic functions include coordination and support, governmental representation, education and outreach, resource sharing, and policy development.

Other Organizations

Local agronomists, cooperatives, and other partners support groundwater protection through nutrient management guidance, promotion of BMPs, and outreach that encourages sustainable farming practices across the LPNNRD.

2.15 Environmental Education and Information

The LPNNRD offers a variety of hands-on activities, classroom presentations, field trip opportunities, career exploration and more for young and old to learn more about the environment and our natural resources. There are two full time staff available to implement environmental education programs. All activities are of no cost to the public. Activities offered include:

- Coffee Lakeside and Monthly Educational Program
- Local and Regional Land Judging Contests
- Adult Environmental Education Opportunities
- Field trips to recreation areas and prairies
- Envirothon Field Day at Clint Johannes Education Building at Lake Wanahoo
- Local and regional range judging contest in partnership with area NRDs
- Spring Conservation Sensation – a natural resources filed day for local 5th and 6th graders
- Test Your Well events in conjunction with local FFA Chapters
- Scholarships for:
    - Students participating in the Shell Creek Watershed monitoring group
    - Nebraska Association for Conservation and Environmental Education (NACEE) – support for teachers and other educators who are interested in science as it relates to natural resources.
    - Ag in the Classroom – incorporation of program materials into the classroom
    - Natural Resources Grant – to assist local high school students monetarily in a natural resources-based project within their community.

3 GROUNDWATER QUANTITY

3.1 GROUNDWATER LEVELS AND EXISTING WELLS

Most of the LPNNRD has not seen significant declines according to the UNL-CSD's annual 'Groundwater-Level Changes in Nebraska – Predevelopment (mid-1950s) to Spring 2023' dataset, shown in Figure 22. It is important to note that 2022 and 2023 were significantly dry years for the region. The primary area of concern is within Colfax County, where groundwater levels have declined 30 to 40 feet near the Village of Leigh where the District borders the LENRD. Other areas around the Village Bruno in Butler County also have documented declines. On the other hand, the far northwest corner of the District in the Shell Creek region has seen increasing level up to 30 feet near the Village of Petersburg and toward the Sandhills.

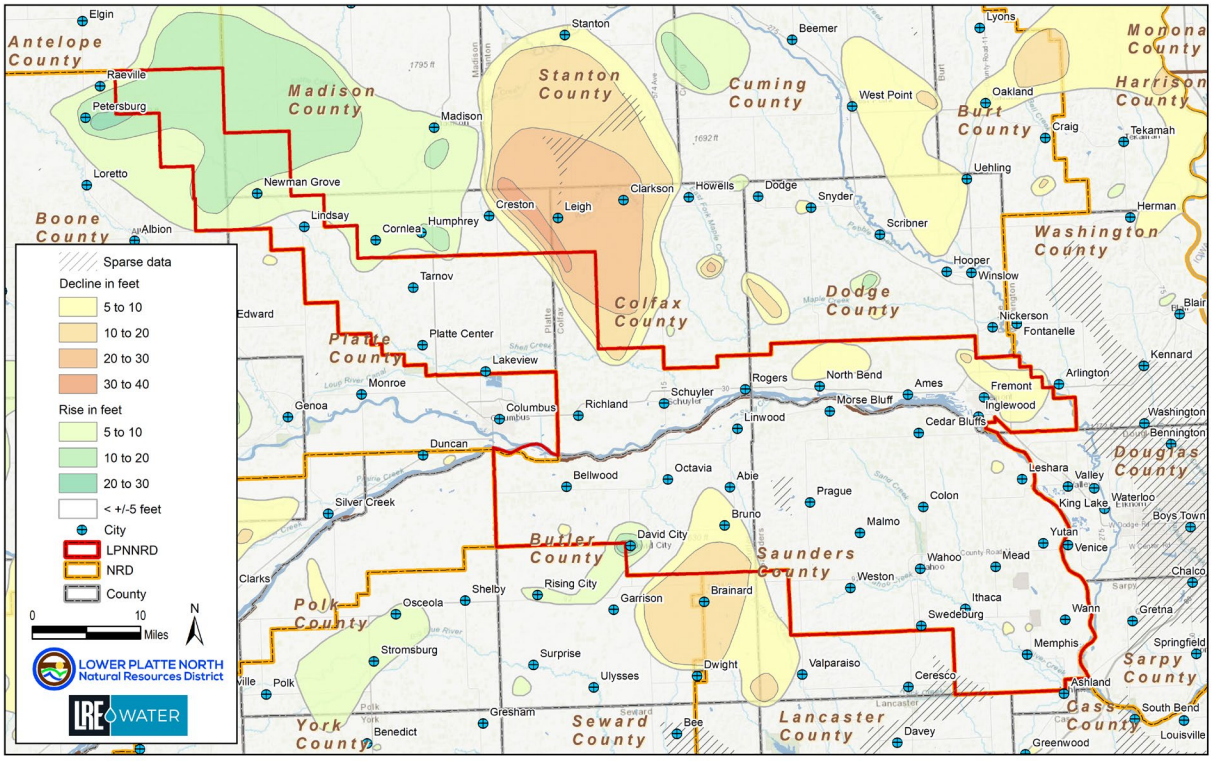

Figure 22: Groundwater-Level Changes in LPNNRD, Predevelopment to Spring 2023

Each spring and fall, LPNNRD staff measure static water levels from approximately 215 wells, most of which are utilized for high-capacity irrigation. The staff also manage a dedicated observation well network with 62 sites, each with a pressure transducer and logger with telemetry, providing real-time data to the staff and public through the District's website. The data from the spring water levels are utilized annually to review changes in water levels and are reviewed against the triggers set for Groundwater Management Phase Areas. Locations of the spring/fall static wells and dedicated network is shown in Figure 23.

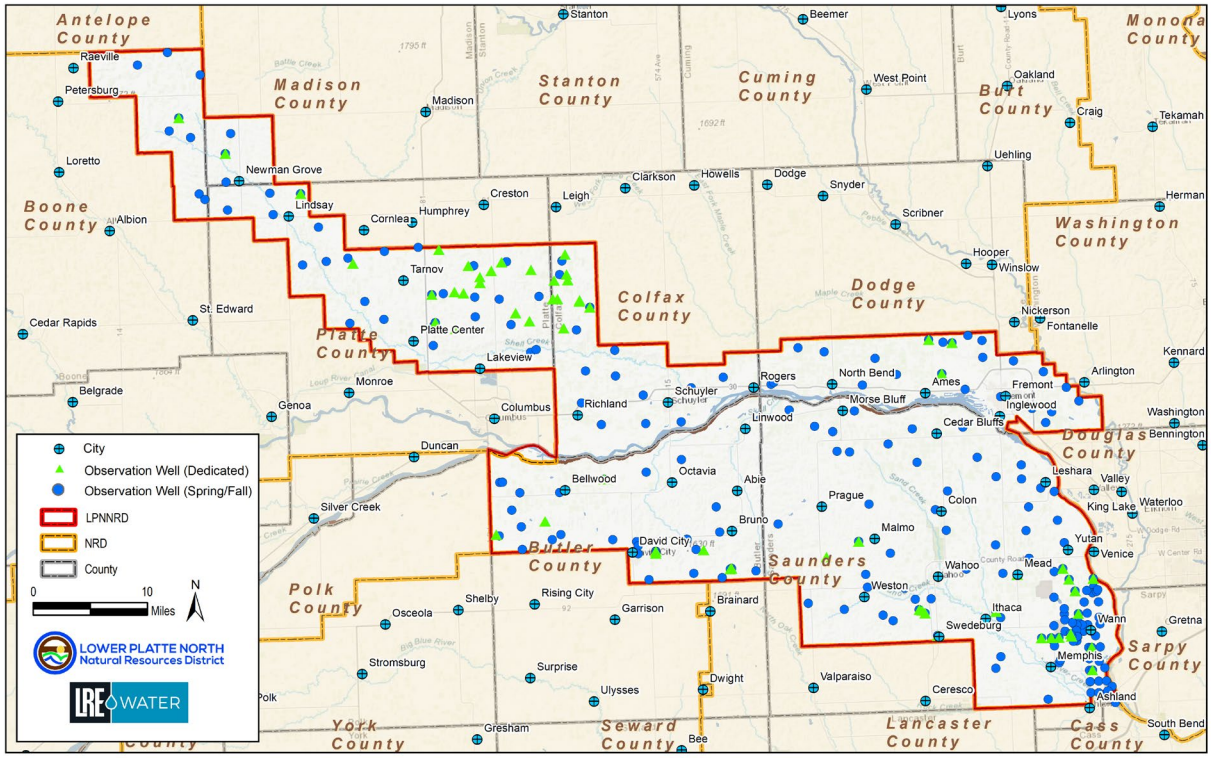

Figure 23: Observation Well Network

The depth to groundwater shown in Figure 24 was produced as part of the Assessment (LRE, 2023) and shows the depth to groundwater, in feet below ground surface. This elevation was determined by subtracting the ground surface elevation shown in Figure 10 from the groundwater surface elevations created during the Assessment. Water elevations were determined by reviewing all available geologic logs and test holes and utilizing static water level data at the time the well was drilled. Depth to water varies from near the surface to 20 feet deep along the Platte River to more than 250 feet below grade in the Shell Creek and Upland regions.

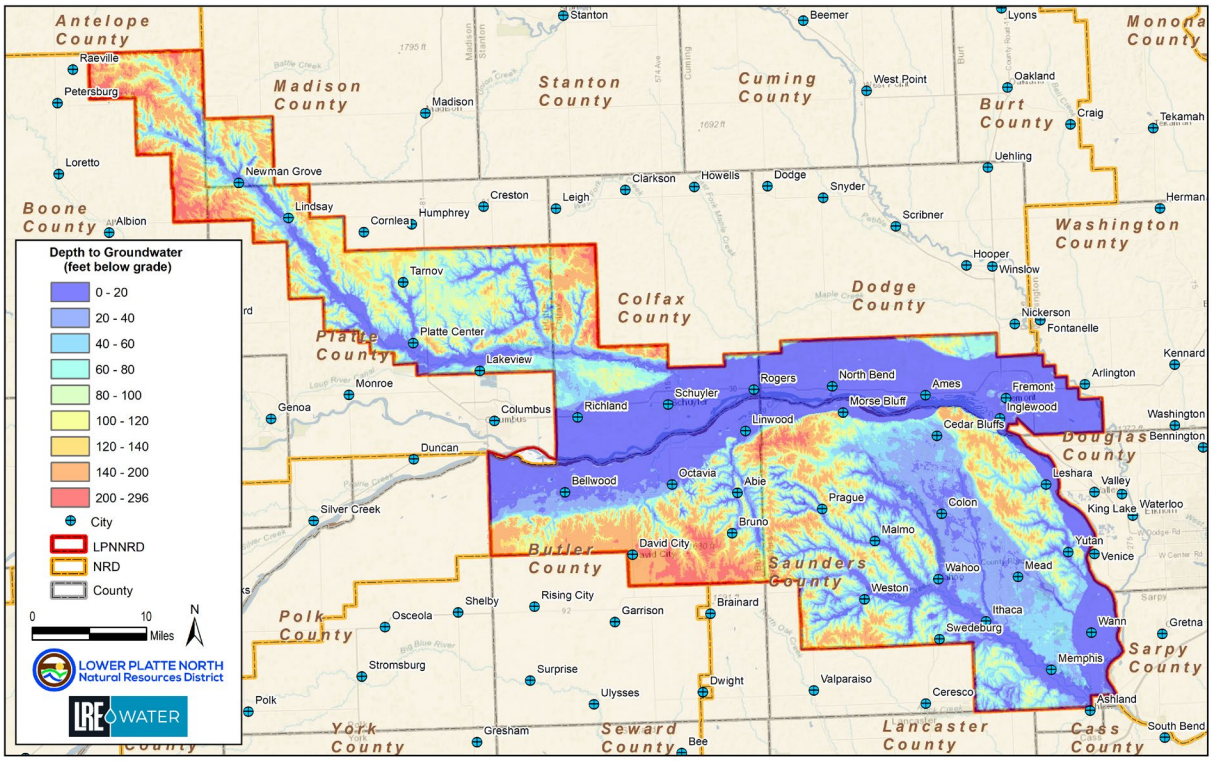

Figure 24: Depth to Groundwater

3.1.1 Sub-irrigation Potential

Sub-irrigation occurs naturally when a high groundwater table provides moisture to plant roots. There is significant potential for sub-irrigation within the LPNNRD, primarily due to the Platte River valley. The LPNNRD Rules and Regulations has defined sub-irrigation as, "the natural occurrence of a groundwater table within the root zone of agricultural vegetation, not exceeding ten feet below the surface of the ground". Currently, the LPNNRD asks producers who plan to introduce new acres utilizing sub-irrigation to contact staff, but the LPNNRD is not currently requiring annual reports from agricultural producers who benefit from sub-irrigation.

The Hydrogeologic Assessment (LRE, 2023) was used to identify areas within the LPNNRD that include all areas that have groundwater within 10 feet or less, which totals over 228,000 acres, or over 22 percent, mostly due to the presence of the Lower Platte River valley. The depth of groundwater was determined by subtracting the groundwater elevation surface from the Digital Elevation Model, as shown in Figure 25.

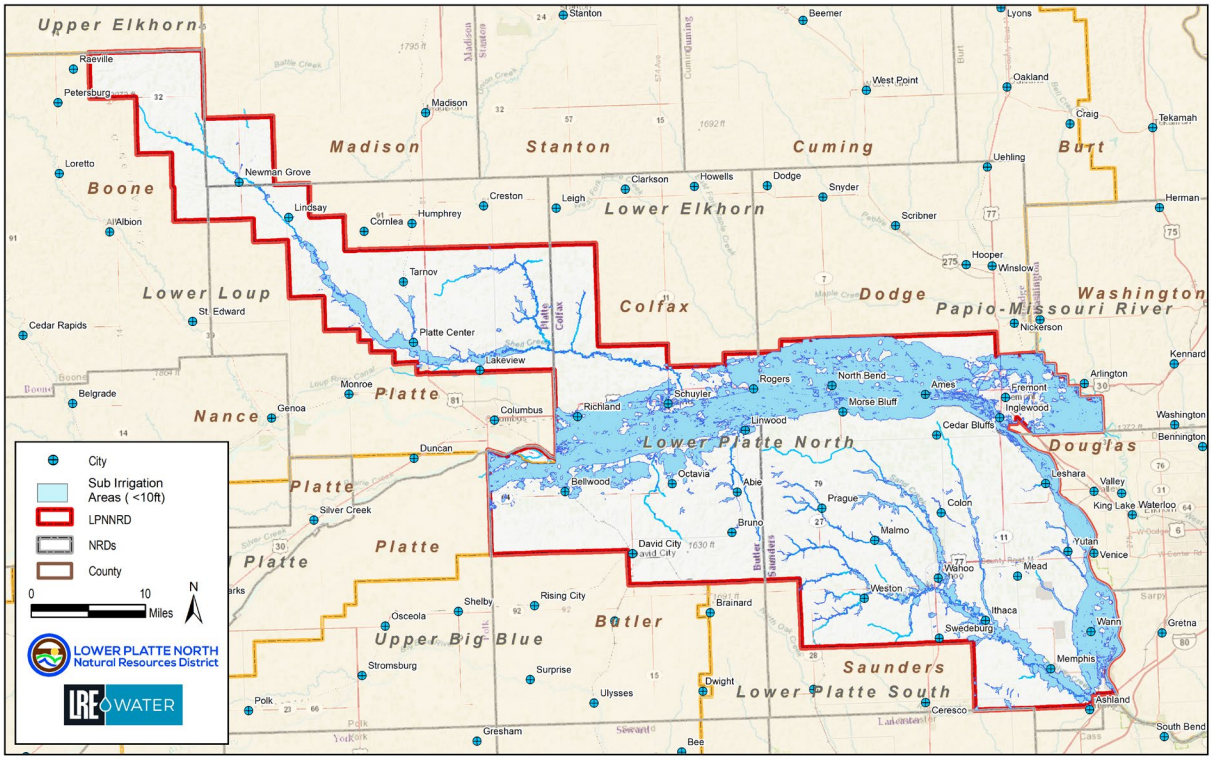

Figure 25: Potential Areas for Sub-irrigation

3.2 GROUNDWATER RECHARGE

Local precipitation serves as a major recharge source for aquifers in the LPNNRD, complemented by the Platte River. The river receives significant runoff from Rocky Mountain snowmelt and baseflow contributions from major tributaries originating in the Nebraska Sandhills, facilitating natural infiltration. Its sand and gravel substrate enhances percolation into underlying aquifers, helping to sustain groundwater levels in the LPNNRD. Additionally, groundwater from western regions, including the Sandhills, migrates eastward through the High Plains Aquifer system, contributing to baseflow in numerous rivers and streams. These hydrologically connected areas—particularly Shell Creek, Platte Valley, and Todd Valley aquifers—have been documented by the NeDNR.

Artificial groundwater recharge potential refers to the capacity of a specific area to effectively increase the amount of water entering an aquifer through human-controlled methods, which would require importing water or retiming water to make a project practical. This map also provides a general representation of areas that are more likely to naturally recharge groundwater. This process, known as artificial recharge, involved techniques such as:

- **Surface spreading:** Using canals, infiltration basins, or ponds to direct water across the land surface.
- **Injection wells:** Directly injecting water into the subsurface.
- **Irrigation methods**: Recharge from agricultural practices involving furrow or sprinkler systems to enhance infiltration.

Using the GIS data resources available from the Assessment (LRE, 2023), a representation of artificial recharge was created using two key inputs, the depth to groundwater and unsaturated clay thickness above the Principle Aquifer. Using GIS, a qualitative model was created on a scale from 1 (Lowest Potential) to 5 (Very High Potential), as shown in Figure 26. As expected, the Platte Valley and Todd Valley regions display a high to very high potential, whereas other areas within the Shell Creek and Upland regions tend to be limited to area along active waterways. This map is not necessarily representative of injection well methods.

Artificial recharge potential is also closely linked to groundwater risk, as these areas are also prone to infiltration of contaminants, such as nitrate, into the aquifer, potentially degrading water quality. This is especially critical in areas where the recharge water might carry pollutants from agricultural runoff, industrial processes, or urban runoff. Treatment wetlands could be a consideration to improve water quality and provide groundwater recharge in the highly vulnerable locations.

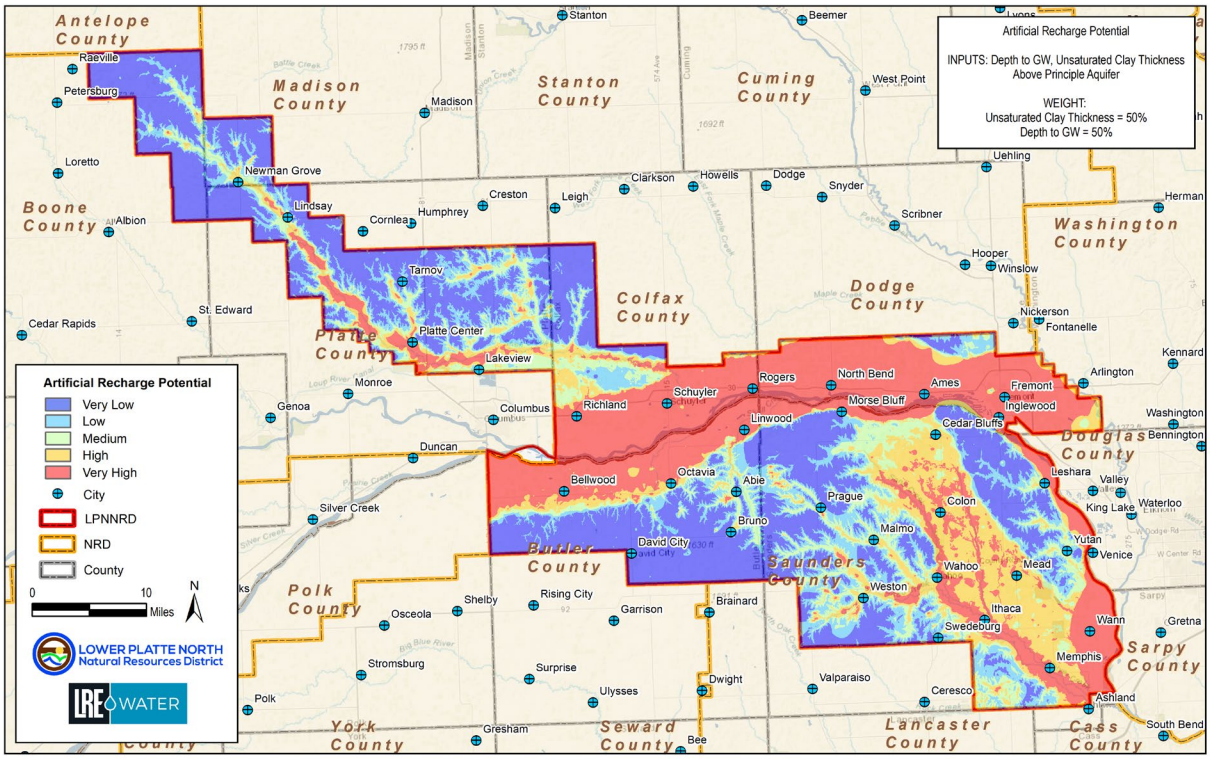

Figure 26: Artificial Recharge Potential

3.3 Water Use and Demand

The LPNNRD reports annually on water demand as part of the LPRCA Basin Water Management Plan Annual Report. This report is available by contacting the LPNNRD office. Highlights of the reporting on water use include the following:

1. Collection of data from over 1,300 flow meters, of which nearly 1,200 are on irrigation systems.
2. Recording of water use within SQS#1 (Bulter/Saunders) and SQS#2 (Platte/Colfax).
3. Continuous updating and tracking of nearly 392,500 certified irrigated acres (as of 2024).
4. Tracking of municipal and industrial groundwater uses.
5. Data collection and monitoring of new groundwater consumptive uses (agricultural, municipal, industrial).
6. Tracking of acres for groundwater consumptive uses (agricultural, municipal, industrial).
7. Creation of the 3-District Model, an ongoing effort with PMRNRD, LPSNRD, and NeDNR to utilize the 3-D AEM Framework created for the participating NRDs.
8. Working with the Coalition to track new stream depletion accounting (depletions and accretions).

The LPNNRD requires public water suppliers to report annual total water use as part of the LPRCA reporting. Table 5 displays the 2023 reported value, outside of Memphis, Bellwood, and Ithaca, which all have 2022 pumping shown. The Village of Bruno is connected to the City of David City and the Village of Colon receive water from the City of Wahoo. Numbers reported by the Lincoln Water System (LWS) and Metropolitan Utilities District (MUD), which serves Omaha and surrounding communities, including only pumping from wellfields located within the LPNNRD, each in eastern Saunders County. Table 6 displays the same information, but without the LWS and MUD wellfields.

Table 6: Annual Municipal Water Usage All Communities

Municipality	Gallons Pumped	Percent of Total
Newman Grove	32,205,200	0.15%
North Bend	64,260,000	0.30%
Wahoo*	269,693,307	1.27%
Abie	2,576,600	0.01%
Lindsay	65,992,600	0.31%
Malmo	1,980,000	0.01%
Mead	20,280,316	0.10%
Morse Bluff	2,183,000	0.01%
Platte Center	19,348,203	0.09%
Weston	13,948,027	0.07%
Yutan	49,132,000	0.23%
Fremont	3,654,341,000	17.26%
David City*	163,436,066	0.77%
Schuyler	376,856,000	1.78%
LWS (Lincoln)	5,841,820,110	27.59%
Cedar Bluffs	25,147,232	0.12%

Municipality	Gallons Pumped	Percent of Total
MUD (Omaha)	10,334,804,000	48.80%
Ashland	190,022,000	0.90%
Prague	11,420,000	0.05%
Memphis	9,524,000	0.04%
Bellwood	19,807,000	0.09%
Ithaca	4,000,000	0.02%
Rogers	4,006,000	0.02%
TOTAL	21,176,782,661	100.00%

Table 7: Annual Municipal Water Usage Without LWS and MUD

Municipality	Gallons Pumped	Percent of Total
Newman Grove	32,205,200	0.64%
North Bend	64,260,000	1.29%
Wahoo*	269,693,307	5.39%
Abie	2,576,600	0.05%
Lindsay	5,992,600	1.32%
Malmo	1,980,000	0.04%
Mead	20,280,316	0.41%
Morse Bluff	2,183,000	0.04%
Platte Center	19,348,203	0.39%
Weston	13,948,027	0.28%
Yutan	49,132,000	0.98%
Fremont	3,654,341,000	73.08%
David City*	63,436,066	3.27%
Schuyler	76,856,000	7.54%
Cedar Bluffs	25,147,232	0.50%
Ashland	90,022,000	3.80%
Prague	1,420,000	0.23%
Memphis	9,524,000	0.19%
Bellwood	19,807,000	0.40%
Ithaca	4,000,000	0.08%
Rogers	4,006,000	0.08%
	5,000,158,551	100.00%

3.3.1 Registered Wells

One method to generally understand water demand is through an evaluation of registered wells, as shown in Figure 27. In total, there are 13,025 registered wells in the LPNNRD (including PWS wells) in 2024. This total does not account for the likely thousands of unregistered wells constructed before

registration was required for all domestic wells in 1993. Of this total, 9,711 are active, and 47 percent are used for irrigation. Domestic well use is the second most common at 28 percent, as seen in Table 7. The 'other' category includes injection, other, and recovery wells. The majority of inactive wells within the database were decommissioned wells.

Table 8: Active Registered Well Distribution

TYPE	ACTIVE	PERCENT
Irrigation	4,611	47%
Domestic	2,716	28%
Livestock	295	3%
Observation	211	2%
Monitoring	1,156	12%
Commercial/Industrial	71	1%
Ground Heat/Heat Pump	170	2%
Public Supply Wells	188	2%
Other	293	3%
TOTAL	9,711	100%

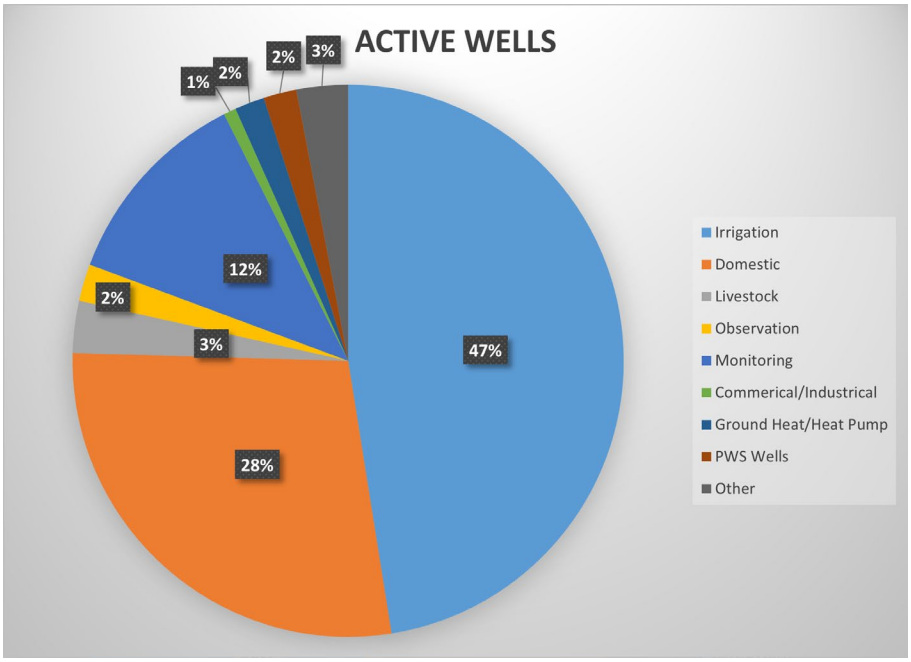

Figure 27: Percent of NeDNR Active Registered Wells

3.4 Certified Irrigated Acres

The LPNNRD began certifying irrigated acres in the spring of 2010 as governed by the Nebraska Groundwater Management and Protection Act, 46-701. This statue provides the legal framework for managing and protection groundwater resources, including the certification of irrigated acres to ensure sustainable water use. The certification process helps catalog all existing irrigated acres and aligns

records from the LPNNRD, County Assessor, and the Farm Service Agency. This process helps ensure that irrigation practices comply with local and state water management regulations and helps manage and allocate water resources more effectively to prevent overuse and ensure sustainability. The certified irrigated acres as of January 2025 are shown in Figure 28.

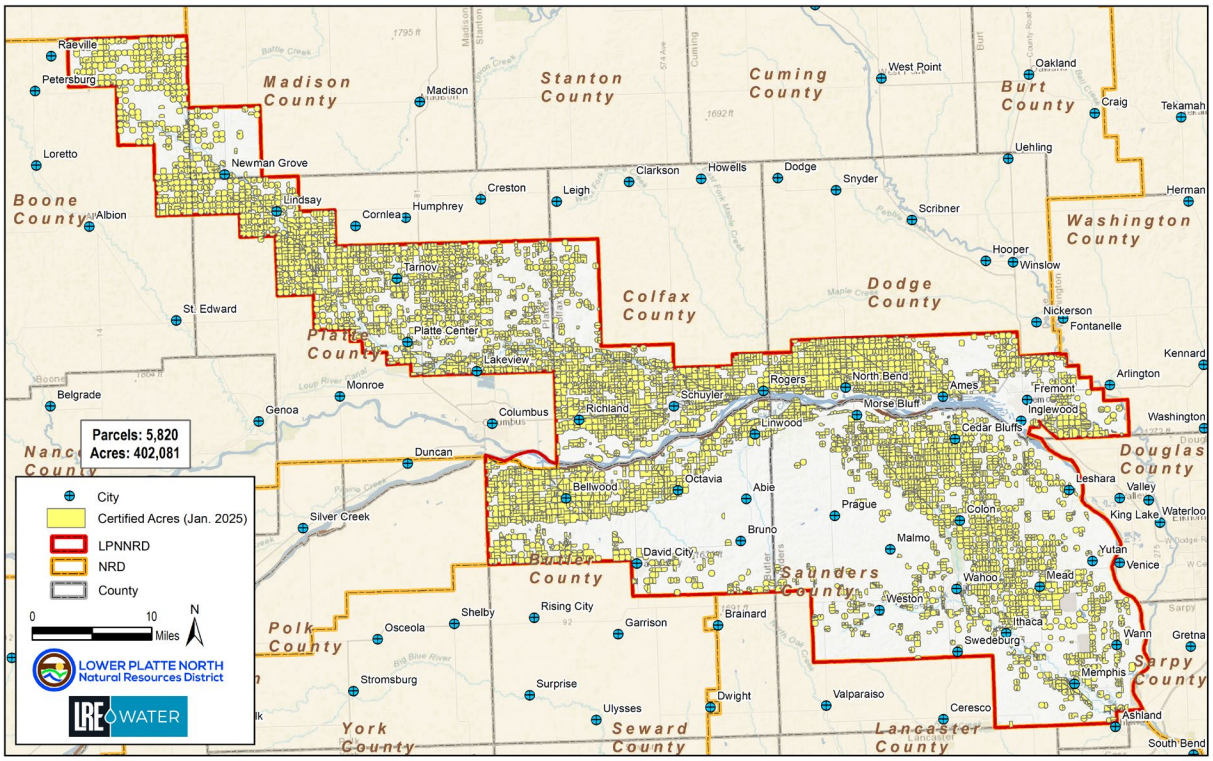

Figure 28: Certified Irrigated Acres in the LPNNRD (2024)

4 GROUNDWATER QUALITY

4.1 AQUIFER VULNERABILITY

4.1.1 Nonpoint Source Pollution

Non-point source pollution is generally defined as pollution arising from diffuse sources where no single point of release can be identified. While non-point source pollution can be related to weathering of minerals or soil erosion, human activities are commonly the originator for non-point source groundwater pollution. The diffuse application of fertilizers, pesticides, and herbicides in agricultural operations as well as urban areas account for large areas of land with soils containing these additives. Heavy application of chemicals, coupled with heavy precipitation or irrigation can result in these chemicals leaching to groundwater. Overland flow resulting from runoff can also provide a means of chemical leaching to a groundwater aquifer. In Nebraska, as well as in the LPNNRD, nitrate is the most common non-point source pollutant.

Aquifer vulnerability within the LPNNRD was mapped as part of the Assessment (LRE, 2023) by quantifying the amount of unsaturated clay above the top of the first encountered aquifer at each well or test hole location. The clay thickness values (75% of the model weight) were reclassified into five categories:

- 0 – 5 ft = 5
- 5 – 10 ft = 4
- 10 – 20 ft = 3
- 20 – 40 ft = 2
- > 40 ft = 1

Land use was also considered (25% weight) and reclassified into two categories with a value of either 1 or 5. Irrigated farmland is considered the most vulnerable (a rating of 5), and the remaining land use categories are considered least vulnerable (ratings of 1).

The resulting raster layer contains qualitative values that show where the aquifer has more or less potential vulnerability to the downward migration of potential contaminants from activities on the ground surface. This map shows a qualitatively modeled spatial distribution of groundwater vulnerability, from very low to very high, across the LPNNRD Boundary. A “Very Low” potential vulnerability means the aquifer is not likely to receive contaminants from activities on the ground surface. Conversely, a “Very High” potential vulnerability means the aquifer is potentially very susceptible to surface contaminants. The aquifer vulnerability map is shown in Figure 29.

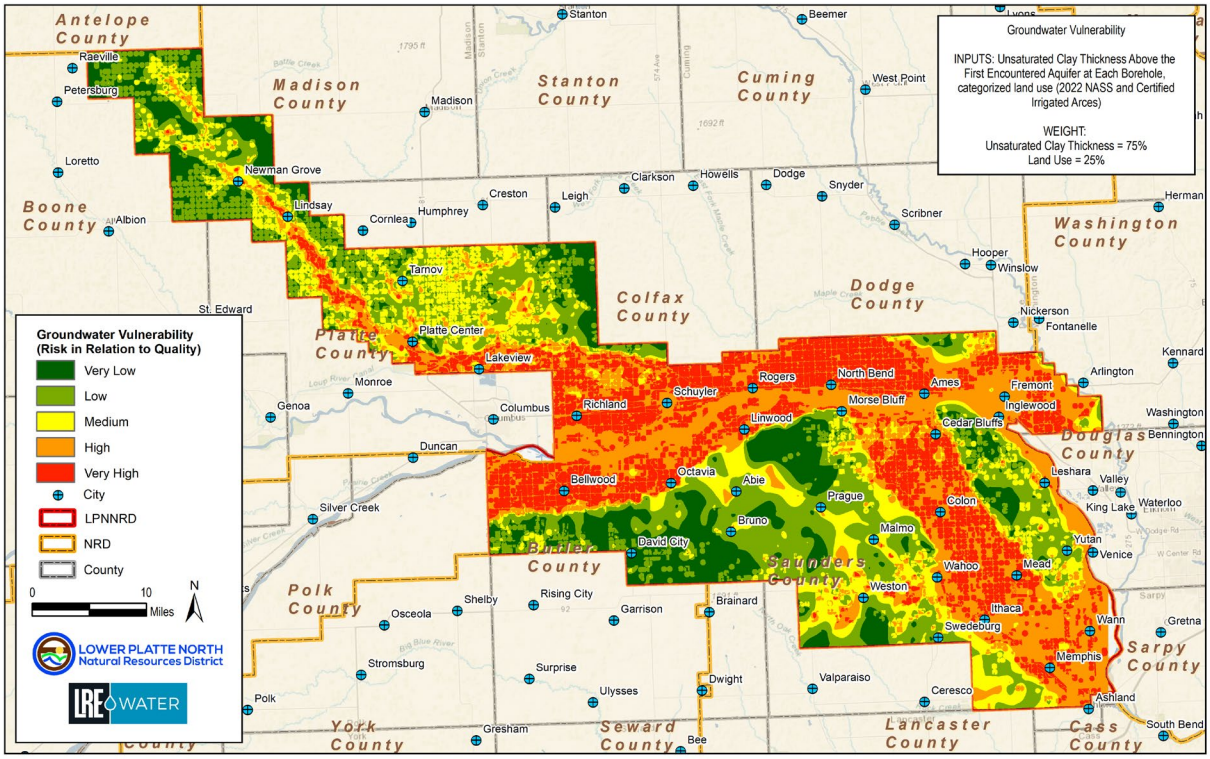

Figure 29: Aquifer Vulnerability

Nitrate can be found in most areas in Nebraska. Sources of nitrate include breakdown of organic material in soils, human or livestock wastes, and chemical fertilizers. When exposed to nitrate levels in excess of the U.S. Environmental Protection Area's (USEPA) Maximum Contaminant Level (MCL) of 10 mg/L in drinking water, infants younger than about 6 months of age may develop methemoglobinemia or "blue-baby" syndrome. The University of Nebraska Medical Center has also recently begun researching the connection of nitrate in drinking water to various cancers in Nebraska.

To provide an illustration of the most recent nitrate concentrations, data from 2019 through 2023, collected by the LPNNRD staff from 537 wells across the District, is shown in Figure 30. Each year, the LPNNRD staff collected representative data across the entire District and concentrated sampling in Groundwater Management Areas, as seen within the Richland/Schuyler phase three GWMA. Staff have also been obtaining additional samples throughout the Shell Creek region where concentrations of nitrate have been slowly rising.

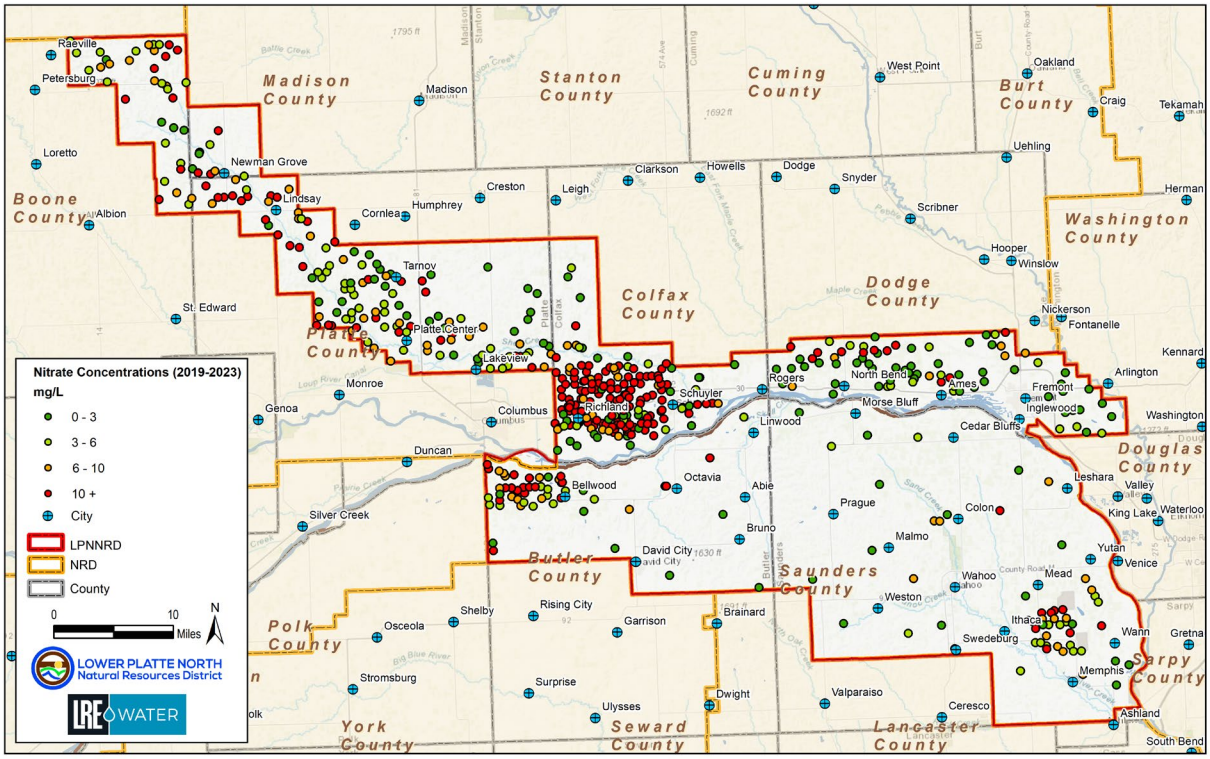

Figure 30: LPNNRD Nitrate Concentrations 2019-2023

4.1.2 Additional Water Quality Monitoring

The LPNNRD conducts a wide variety of additional water quality data, including random sampling of wells for unique circumstances. In the past, sampling included nickel, sodium, selenium, mercury, among others. The LPNNRD can also provide property owners assistance to monitor nitrates and bacteria from private wells.

While nitrate remains the top water quality concern in LPNNRD due to agricultural runoff, other issues like arsenic, iron, uranium, and saltwater intrusion pose growing threats. Arsenic and uranium, both naturally occurring in regional geology, requires focused testing and public outreach-especially in areas like Richland-Schuyler, where uranium levels have exceeded 30 ppb in half of the sampled wells (LPN, 2025). Iron, though often an aesthetic nuisance, can signal redox conditions that mobilize other contaminants. Saltwater intrusion, driven by over-pumping or proximity to saline sources such as the Dakota aquifer, threatens aquifer quality and calls for proactive monitoring and recharge strategies (UNL, 2017). Meanwhile, emerging contaminants like PFAS and pharmaceuticals, though less prevalent, warrant early action through partnerships, education, and hotspot identification. By expanding monitoring, encouraging treatment and management practices, and collaborating with health and research agencies, LPNNRD can address these evolving challenges with foresight and resilience.

Starting in 2001, the Nebraska Legislature passed LB329, which directed the NDEE to report on groundwater quality monitoring in Nebraska (NDEE, 2024). The NRDs are also required (§46-1305) to submit an annual report on water quality to the legislature, which is prepared by NARD annually, and is issued concurrently with NDEE's annual Nebraska Groundwater Quality Monitoring Report. As a partner, the LPNNRD collects water quality samples from a total of 53 wells district-wide over a four year period,

as shown in Figure 31. This data is part of the Nebraska Groundwater Quality Clearinghouse, which includes an online, interactive database featuring data, maps, well construction details, and statistics (NDEE, 2024). One of the focuses of the statewide network is on pesticides and includes the following:

1. **Metribuzin**: A herbicide used to control broadleaf weeds and grasses.
2. **Methoxychlor**: An insecticide used to control flies, mosquitoes, and other insects.
3. **Hexachlorobenzene**: A fungicide used to treat seeds.
4. **Alachlor**: A herbicide used to control annual grasses and broadleaf weeds.
5. **Butylate**: A herbicide used to control grasses and some broadleaf weeds.
6. **Atrazine**: A herbicide used to prevent pre- and post-emergence broadleaf weeds.
7. **Cyanazine**: A herbicide used to control annual grasses and broadleaf weeds.
8. **Hexachlorocyclopentadiene**: A chemical intermediate used in the production of pesticides.
9. **Propachlor**: A herbicide used to control annual grasses and some broadleaf weeds.
10. **Trifluralin**: A herbicide used to control annual grasses and broadleaf weeds.
11. **Chlorpyrifos**: An insecticide used to control various pests including termites and mosquitoes.
12. **Aldrin**: An insecticide used to control soil pests.
13. **Lindane**: An insecticide used to treat lice and scabies.
14. **Di(2-ethylhexyl)phthalate**: A plasticizer that can be found as a contaminant in the environment.
15. **Dieldrin**: An insecticide used to control soil pests.
16. **Fonofos**: An insecticide used to control soil insects.
17. **Simazine**: A herbicide used to control broadleaf weeds and grasses.
18. **Benzo(a)pyrene**: A polycyclic aromatic hydrocarbon that can be found as a contaminant.
19. **Heptachlor**: An insecticide used to control soil insects.
20. **Heptachlor Epoxide**: A breakdown product of heptachlor.
21. **Total Chlordane**: Refers to the sum of chlordane and its breakdown products.
22. **Endrin**: An insecticide used to control pests on crops.

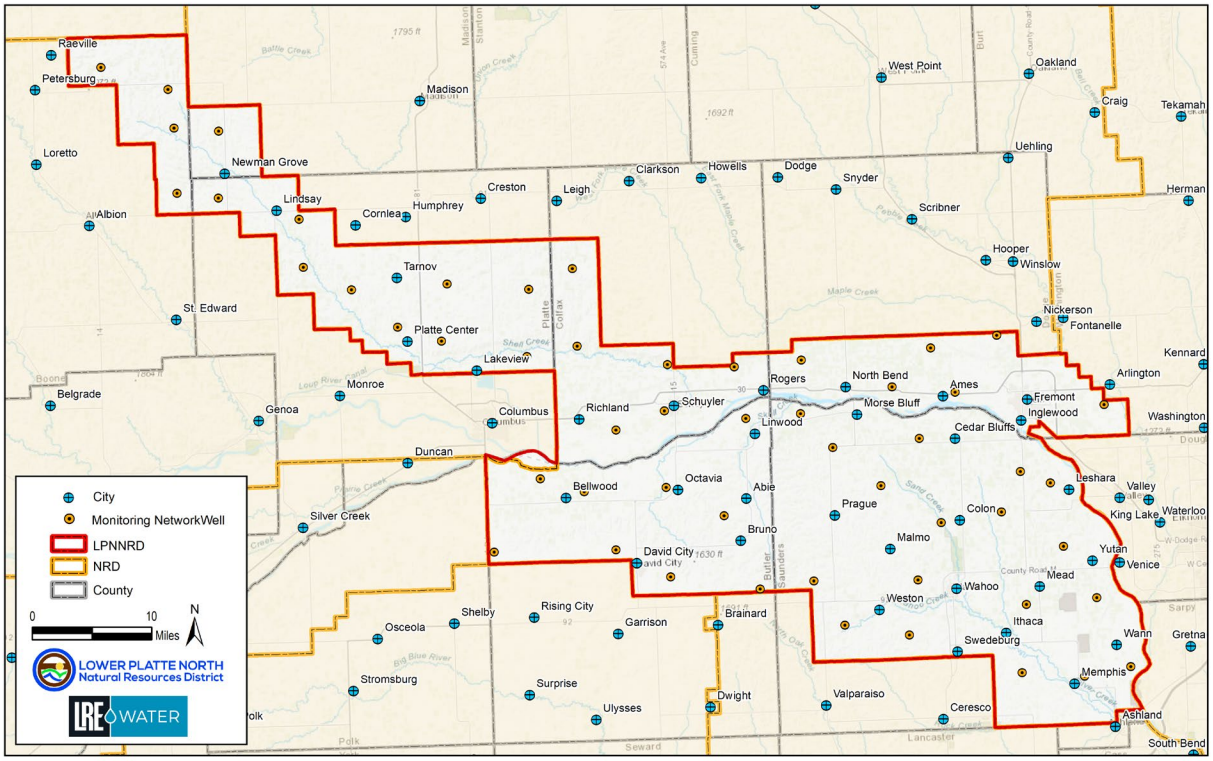

Figure 31: LPNNRD Statewide Water Quality Monitoring Network Wells

4.1.3 Point Source Pollution

Point source pollution generally impacts the quality of the groundwater in localized areas. However, when these sites are located above potential drinking water supplies or are located adjacent to domestic or municipal wells the impact of a spill or leak can affect larger land areas and populations. Even spills that are cleaned up to health-based cleanup goals of a regulatory agency can impact drinking water supplies as human taste thresholds of many chemicals are below the health based "action" levels.

There are numerous manufacturing facilities and petroleum handling facilities, grain bin storage sites, and fertilizer and pesticide storage facilities within the LPNNRD. Although new regulations and generally improved product and waste handling procedures have reduced the chances of a spill or release of contaminants from these type of activities, historically, numerous spills have been documented.

The NDEE holds regulatory authority over substances from point source discharges that can cause or contribute to groundwater contamination. To obtain a permit, they are reviewed by engineering and permitted if they meet minimum design requirements and have no adverse impacts to water quality standards.

The NDEE maintains a permitted facilities database of regulated facilities under their jurisdiction, which are known or suspected to have soil and water contamination. This database includes various categories, such as the National Pollutant Discharge Elimination System (NPDES) program, Integrated Waste Management, Leaking Storage Tanks, Livestock Waste Control, Onsite Wastewater Treatment, Release Assessment, Remedial Action Plan Monitoring, Resource Conservation Recovery, Superfund, SARA Title III, and Underground Injection Control. Some of these facilities could potentially be point

sources of groundwater contamination if they do not maintain full compliance. Additional information on NDEE regulated facilities can be found an interactive mapping application on their website.

4.2 Wellhead Protection Areas

The NDEE oversees the WHP program, a voluntary initiative that offers financial and technical support to communities with public water suppliers to safeguard water supplies from contamination. Each community water system with a groundwater supply has a designated WHP area, as shown in Figure 32, but few communities have exercised controls to regulate contamination threats within the WHP Area. The WHP area delineates the time-of-travel and the surficial region drawn around a water well or wellfield that supplies a Public Water System (PWS), indicating where contaminants are likely to travel toward and reach the well. Typically, a 20-year time-of-travel is utilized for the WHP Area, while some communities have opted to use the 50-year time-of-trave. The five minimum steps for the WHP Program are shown in Figure 33.

As of 2025, the LPNNRD was supporting WHP plans, well siting assessments, and delineation efforts in the Village of Platte Center and City of Newman Grove, and had recently supported projects for the cities of Ashland, David City, and Wahoo. A summary of WHP plans in the LPNNRD is shown in Table 8.

Table 9: LPNNRD PWS State-Approved WHP Plans

PWS Name	COUNTY	DATA APPROVED
Platte Center	Platte	2025
Newman Grove	Platte/Madison	2025
Wahoo	Saunders	2023 (plan & ordinance)
David City	Butler	2023 (plan & ordinance)
Lindsay	Platte	2015
Fremont	Dodge/Douglas	2010
Woodcliff Water System	Saunders/Dodge	2006
Weston	Saunders	2005
Abie	Butler	2003
North Bend	Dodge	2003
Yutan	Saunders	2003

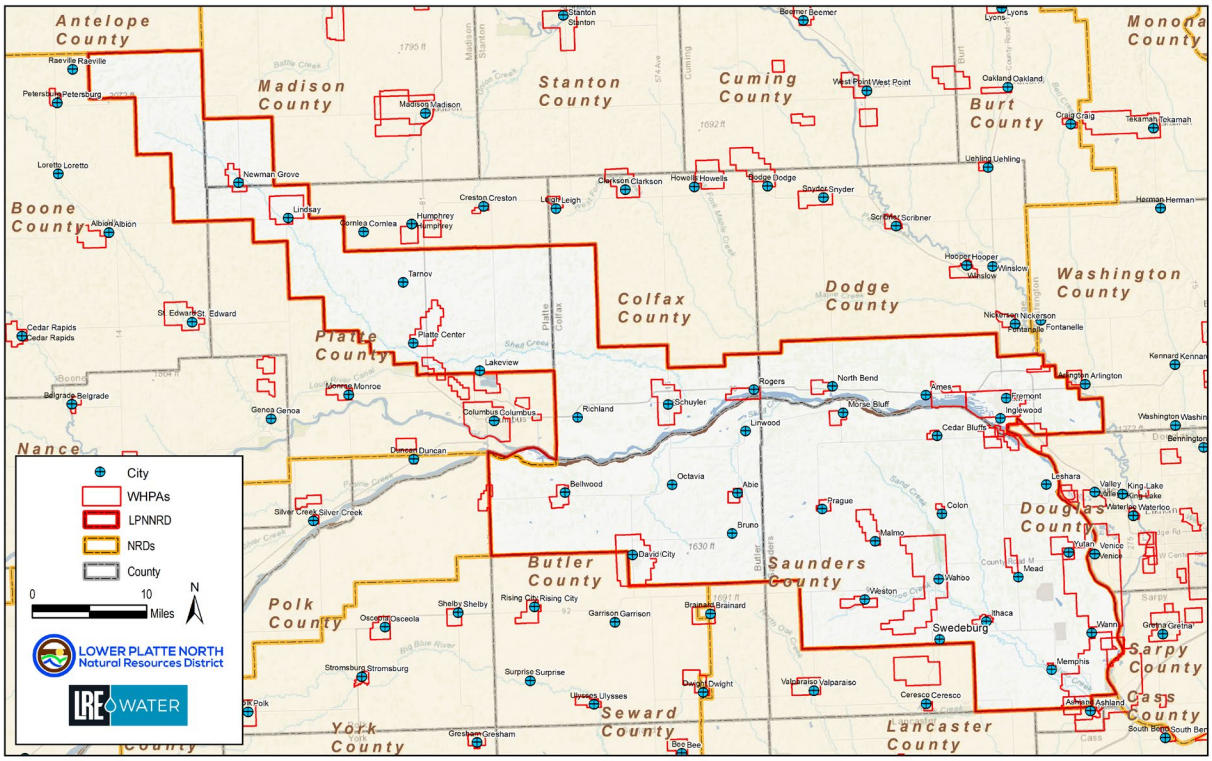

Figure 32: Wellhead Protection Areas

Source: NDEE

Figure 33: Five Steps of the WHP Program

4.2.1 Water Quality Activities

A summary of recent water quantity activities for the LPNNRD for 2023 are as follows:

- Completion of 6 nitrogen/irrigation certification meetings with 200 - 300 in attendance.

- Implementation of a program, funded by WSF, to provide cost-share practices in the Schuyler-Richland GWMA for gravity to pivot/SDI conversions, water flow meters, and cover crops.
- USGS is leading an age-dating project, in conjunction with LLNRD, near the Schuyler-Richland GWMA.
- District-wide soil moisture sensor cost-share
- Well decommissioning cost-share
- Shell Creek Watershed Water Quality Project, including agricultural and urban cost-share for best management practices.

5 GOALS AND OBJECTIVES

5.1 GROUNDWATER MANAGEMENT GOALS AND OBJECTIVES

The primary management target, defined below in the Vision Statement, is to maintain the 'groundwater reservoir life goal' – defined within the Rules and Regulations as the period of time which the District establishes as its goal for maintenance of the supply and quality of water in a groundwater reservoir. This goal can also be described as ensuring a safe yield for aquifers, which is the amount of water that can be sustainably withdrawn without causing long-term depletion or adverse effects on the aquifer and hydrologically connected water resources. The goals and objectives are designed to guide the staff and Board of Directors in making decisions about water resource management.

LPNNRD Groundwater Management Vision Statement

Strive for the continuous management of the groundwater reservoir, in perpetuity, to ensure it meets the standards appropriate for its various uses, including domestic, livestock, public water supply, public health, irrigation, agriculture, wildlife, industrial, and other beneficial uses. Minimizing, as much as possible, the adverse impact of these uses on the quantity and quality of groundwater that supports lakes, wetlands, and streams.

By implementing the five goals and objectives shown below, the LPNNRD can ensure groundwater remains a reliable resource while protecting the ecosystems that depend on it. Goal categories include monitoring, pollution prevention, conservation, public education, and sustainable management plans and regulations.

5.1.1 Goal 1 – Groundwater Monitoring

Continuously monitor and assess groundwater levels and quality, ensuring early detection of significant changes for proactive resource management, with clear benchmarks for expansion and data utilization.

- **Objective 1.1 –** Expand groundwater monitoring efforts by installing up to four new dedicated observation wells per year over the next 10 years covering more vulnerable areas such as WHP areas.
- **Objective 1.2 –** Integrate scientific advances and research into regulatory frameworks, updating policies at least every two years to incorporate the latest hydrogeologic findings.
- **Objective 1.3 –** Conduct annual water quality sampling, tracking nonpoint source contamination trends over time and using the data to refine mitigation strategies.
- **Objective 1.4 –** Strengthen collaborative efforts by partnering with new organizations or research institution to enhance the water quality monitoring network.
- **Objective 1.5 –** Maintain and expand the spring/fall water energy level monitoring network by adding at least five additional wells with construction data annually, ensuring comprehensive coverage.
- **Objective 1.6 –** Develop a real-time monitoring initiative by adding telemetry to dedicated observation wells, integrating data into a public-facing online dashboard within two years (2027) to improve transparency.
- **Objective 1.7 –** Implement more frequent monitoring programs to track water quantity changes in known problem areas related to groundwater pumping, identifying risks early and adjusting management strategies accordingly.

5.1.2 Goal 2 – Water Quality

Reduce the potential for pollution to ensure a sustainable supply of high-quality, consumable, and safe groundwater for all users in the NRD. Implement and support best management practices that achieve a district-wide reduction in nitrate concentrations by an average of 0.5 ppm per year, tracked through annual water quality monitoring reports.

- **Objective 2.1 –** Utilize advanced studies and modeling tools (MODFLOW) to conduct at least two groundwater flow and contamination movement analyses per year, ensuring data-driven management decisions.
- **Objective 2.2 –** Obtain and assess new groundwater and contamination data using sources such as the Clearinghouse, integrating findings into sustainable development strategies to track improvement trends.
- **Objective 2.3 –** Develop and implement at least one new cost-share initiative annually that supports pollution reduction efforts, focusing on precision nutrient management and contaminant mitigation programs.
- **Objective 2.4 –** Provide cost-share funding for at least 15 well decommissioning projects per year, prioritizing locations with high contamination risks.
- **Objective 2.5 –** Actively manage Phase Areas with vulnerable aquifers or excessive nitrate concentrations by conducting annual mitigation strategy reviews, ensuring targeted interventions effectively reduce nitrogen loading in public water supply sources.

5.1.3 Goal 3 – Water Quantity

The LPNNRD will continue to encourage highly efficient water conservation management practices, with the objective of recovering and maintaining sustainable water levels to support beneficial uses.

- **Objective 3.1 –** Utilize hydrogeologic and modeling data to assess the impacts of new uses and quantify water level responses to drought or reduced precipitation trends, setting baseline measurements and tracking fluctuations annually.
- **Objective 3.2–** Connect 1,000+ property owners annually to conservation programs that enhance water quality and quantity, tracking participation rates and success metrics.
- **Objective 3.3 –** Develop a drought response strategy with phased thresholds, defining trigger points for water conservation measures and emergency response actions within the district.
- **Objective 3.4 –** Conduct annual groundwater assessments for Special Quantity Sub-areas and Control Areas with thin or limited aquifers, using the data to refine conjunctive management strategies and improve hydrologic sustainability and reverse declining water level trends.

5.1.4 Goal 4 – Outreach and Education

Continue to be a resource for outreach and education for youth and adults, emphasizing the importance of protecting groundwater resources through measurable engagement and awareness strategies.

- **Objective 4.1 –** Conduct stakeholder review at least every five years (agriculture, industry, local government, environmental groups, and public health) to gather diverse perspectives and needs.
- **Objective 4.2 –** Expand public environmental education programs by hosting four or more outreach events annually focused on nitrate impacts and water conservation, measured by attendance and participant feedback surveys.

- **Objective 4.3 –** Utilize hydrogeologic data and studies, including the Nitrate Risk Too, to conduct a minimum of 20 one-on-one educational sessions per year, ensuring direct engagement with landowners, producers, or other stakeholders.
- **Objective 4.4 –** Participate in at least 10 natural resources workshops, county fairs, camps, or classroom presentations annually, tracking engagement metrics.
- **Objective 4.5 –** Demonstrate cutting-edge water and fertilizer management technologies through three or more field demonstrations annually, documenting adoption rates among participants.
- **Objective 4.6 –** Provide information and education through a minimum of six published pieces per year across news articles, social media posts, newsletters, brochures, and website updates.
- **Objective 4.7 –** Develop and launch a web-based graphic user interface within two years, ensuring public accessibility to hydrogeologic data and maps, with a tracking system for user engagement.
- **Objective 4.8 –** Develop and launch a district-wide notification system to be in place by 2026 with at least 500 members to provide timely updates on water quality, conservation programs, and regulatory changes.

5.1.5 Goal 5 – Rules and Regulations

Develop and enforce rules, regulations, and plans that balance water usage with natural replenishment rates while reducing contamination through structured monitoring and compliance efforts.

- **Objective 5.1 –** Conduct updates at least every five years to the Groundwater Management Plan and Rules and Regulations to reflect emerging contaminants, policy changes, and evolving water use patterns.
- **Objective 5.2 –** Align regulations with 100% compliance to new state and federal policies within six months of adoption, ensuring resources are leveraged for district-wide water management improvements.
- **Objective 5.3 –** Implement an adaptive management strategy with annual performance evaluations, adjusting policies and responses based on monitoring data trends.
- **Objective 5.4 –** Maintain consistent engagement in Lower Platte River Basin integrated and drought management plans, tracking participation and policy influence through quarterly reports.
- **Objective 5.5 –** Increase community participation in NDEE's Wellhead Protection Program by at least 15% annually, expanding outreach efforts and tracking adoption rates.
- **Objective 5.6 –** Utilize hydrogeologic-based subareas for Control Area management, conducting annual data reviews to refine Phase Area designations and mitigation strategies.
- **Objective 5.7 –** Conduct biennial reviews of the Integrated Management Plan, ensuring sustainable water use strategies align with conservation goals and include annual instream flow assessments.
- **Objective 5.8 –** Support and conduct at least three special studies annually, focusing on research initiatives that enhance groundwater sustainability and contamination mitigation.

6 STAKEHOLDER INVOLVEMENT

6.1 OUTREACH METHODS

The LPNNRD utilized the website (www.lpnnrd.org), district-wide publications, press releases to local newspapers, radio, social media, and announcements through Board meetings to spread the word about the GWMP update. The Summer 2024 edition of the Viaduct included an announcement on the update process, need for Stakeholders, and the locations and times of the first two public open houses.

6.2 STAKEHOLDER GROUP

The LPNNRD established two Stakeholder Groups, one meeting in the Village of Platte Center and another meeting in the City of Wahoo. The group included agricultural producers, community representatives, NeDNR, UNL Extension, NRCS, LPNNRD, and LRE Water. The role of the stakeholder group was to work closely with LPNNRD to provide feedback, identify information, discuss concerns, communicate and engage with other stakeholders, and provide feedback on the draft Plan. A summary of the meetings included:

- Platte Center meetings on June 4th, 2024, and January 16, 2025
- Wahoo meetings on June 6, 2024, and January 9th, 2025

6.3 OPEN HOUSE MEETINGS

Two sets of Open House meetings were held to provide an opportunity for the public to learn about the purpose and requirements of the GWMP, discuss water quality and quantity concerns, review the proposed subareas, review the highlights of the draft GWMP, and discuss recommendations. Meetings occurred at:

- Wahoo on August 24, 2024, and January 9, 2025
- Platte Center on August 26, 2024, and January 16, 2025

6.4 BOARD RETREAT

On February 7, 2025, the LPNNRD held a Board of Directors retreat with a major focus on the GWMP and key recommendations by LRE Water. The retreat aimed to provide a general education on key hydrogeologic terminology and principles, obtain consensus on actions to enhance groundwater management effectiveness, and discuss the goals and objectives.

7 RECOMMENDATIONS

This section outlines considerations for modifications, additions, or adjustments to the current procedures used for the management of groundwater. These recommendations were established after a review of existing data, reports, studies, water level data, hydrographs, and input from the LPNNRD staff, Board of Directors, the Stakeholder Group, and the public.

7.1 ADOPTION OF GROUNDWATER MANAGEMENT SUBAREAS

The original subareas were delineated by Olsson in the March 2009 LPNNRD Hydrogeologic Evaluation and Subarea Delineation Study (Olsson, 2008) based on local hydrogeologic conditions and depositional characteristics; however, these were not officially recognized by the LPNNRD. LRE Water and the LPNNRD staff reviewed the existing sub-areas and made slight adjustments using hydrogeologic information from the Assessment (LRE, 2023). This process included the following key steps:

1) LPNNRD staff squared off the subareas to the nearest section boundary.
2) Subareas were adjusted by LRE Water by reviewing the saturated sand thickness, hydrogeologic cross sections, AEM, and the DEM. Overall, changes were minimal by merging small areas and adding or subtracting a few sections based upon the new saturated sand thickness.
3) LRE Water provided the LPNNRD with GIS data and an updated subarea map to allow for review and edits by District staff and the Board of Directors.

There are several advantages to adopting and utilizing subareas named by local communities or other known features. Some of the benefits include:

1) **Localized Management**: Subareas allow for more precise and localized management of groundwater resources. This means that specific issues within a smaller area can be addressed more effectively, rather than applying a one-size-fits-all approach across a larger region.
2) **Tailored Solutions**: Different subareas may have unique geological and hydrological characteristics. By focusing on subareas, the LPNNRD can focus studies and develop tailored solutions that are more effective for the specific conditions of each subarea.
3) **Efficient Resource Allocation**: Managing groundwater at the subarea level helps in the efficient allocation of resources. It ensures that efforts and funds are directed towards areas with the most pressing needs or the highest potential for improvement.
4) **Enhanced Monitoring and Data Collection**: Subareas facilitate more detailed monitoring and data collection. This detailed data can lead to better decision-making and more effective management practices.
5) **Community Involvement**: Working with subareas often involves local stakeholders and communities, leading to greater public involvement and support for groundwater management initiatives.

While groundwater quality and quantity studies may occur across an entire subarea, it is important to note that Groundwater Quality and Quantity Management Areas, or phase areas, can be smaller or larger than a subarea and could include may also cross multiple subareas or portions of subareas. A breakdown of the proposed subareas is shown in Figure 34. It is also recommended that the areas be referred to by name, rather than only a number.

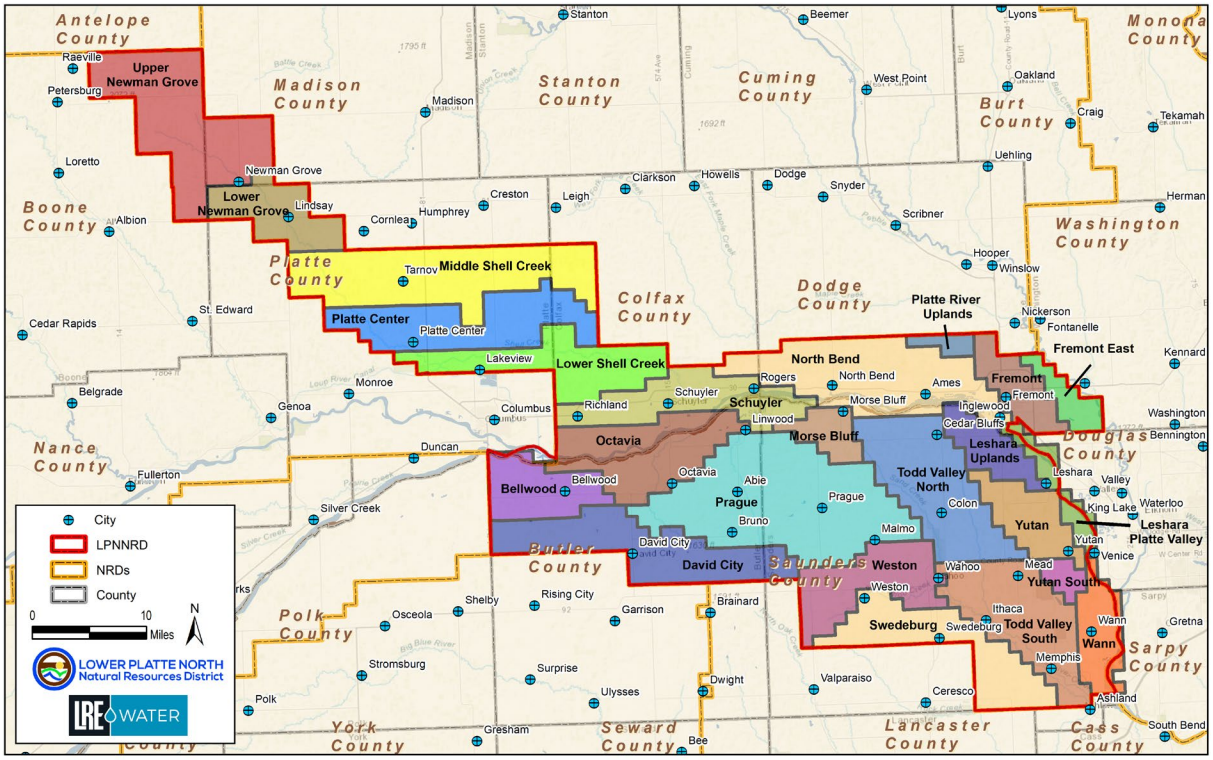

Figure 34: Proposed Groundwater Management Subareas

7.2 Expansion of the Observation Network

Water levels alone cannot accurately determine the percentage of decline in saturated thickness for an unconfined aquifer or hydraulic head in a confined aquifer unless the screen interval and depth to water are compared to the geologic layers. Variations in water levels in wells may result from data collected from wells of differing depths and screened at various intervals, penetrating both confined and unconfined aquifers. To ensure that the data collected is representative of the area of study or concern, the following recommendations are proposed:

- Utilize the new standard scale hydrograph format to analyze all future observation wells, ensuring consistency and accuracy in data interpretation.
- Categorize and select new observation wells that are consistent and representative of the subarea, considering factors such as well depth, screened interval, and whether the aquifer is confined or unconfined.
- Ensure adequate spacing of observation wells from pumping wells to avoid interference and obtain more accurate readings.
- Partner with public water supplies to strategically place observation wells within wellhead protection areas and/or upgradient from PWS wells, enhancing the monitoring of water levels and water quality.

To assist with understanding the spatial representation of the current observation well network, an evaluation was completed by subarea. Table 9 displays the current spatial representation of spring/fall monitoring wells and the dedicated observation wells by subarea, which is displayed in Figure 35.

Table 10: Observation Wells and Proposed Sites by Subarea

Subarea Name	Spring Fall Well Count	Dedicated Observation Well Count	Potential Area for New Observation Well Count
Bellwood	6	0	1
David City	22	8	0
Fremont	7	0	0
Fremont East	3	0	0
Leshara Platte Valley	0	0	0
Leshara Uplands	5	0	0
Lower Newman Grove	5	1	0
Lower Shell Creek	6	1	3
Middle Shell Creek	19	16	5
Morse Bluff	4	0	0
North Bend	12	2	1
Octavia	5	1	2
Platte Center	11	9	0
Platte River Uplands	4	2	0
Prague	5	2	6
Schuyler	7	0	0
Swedeburg	10	4	2
Todd Valley North	8	0	0
Todd Valley South	12	9	0
Upper Newman Grove	10	2	6
Wann	10	4	0
Weston	11	0	2
Yutan	7	0	0
Yutan South	4	3	0

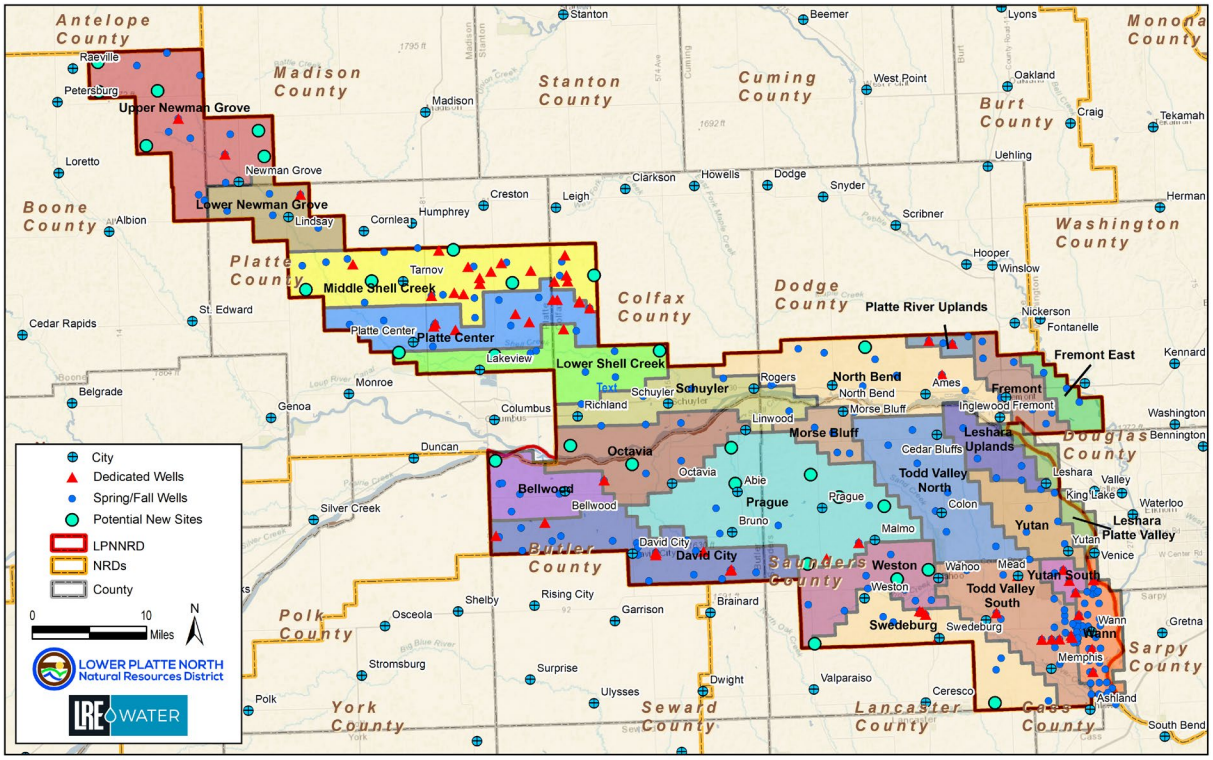

Figure 35: Existing Observation Wells and Potential Expansion Sites

7.3 Alteration to the Well Variance Scoring Protocol

Many well permit application reviews raise questions about adequate aquifer thickness, target yield capabilities, pumping influence on surface water, well interference, and aquifer protection. To address these questions and uncertainties, alternations to the well variance scoring sheet would improve the accuracy of the decision-making process. The following recommendations are proposed:

<u>Point Sheet</u>

1. Include points for the location of the well within the Groundwater Resource Development Risk map.
2. Review ranges for the New Groundwater Consumptive Use category.
3. Create separate sheets for unconfined and confined aquifers, considering specific yield and saturated thickness for an unconfined aquifer, but not confined.
4. Use aquifer thickness, storativity, and available head for a confined aquifer.
5. Include irrigation well density, domestic well density, and other well densities (livestock, municipal) to address potential well interference.
6. Review how transmissivity is calculated (e.g., from aquifer thickness multiplied by estimated hydraulic conductivity, or from hydrogeologic assessment maps).
7. Approximate the extent of the aquifer (e.g., any negative aquifer boundaries).
8. Include a theoretical radius of influence based on the above information.
9. Include a score for water level trends in the area of the proposed well.

10. Include point ranges based on existing nitrate concentrations.
11. Review other NRD scoring systems for additional criteria and methods.

Other Review Criteria and Procedures

1. Establish a radius for Class 1 and Class 2 and obtain all well logs within the study area.
2. Review well logs within a radius determined by the scoring sheet or class.
3. Conduct a limited desktop assessment, if necessary, to determine the level of uncertainty qualitatively, based on the class of well and data gaps.
4. Provide the applicant with a summary of the District's review and any additional data required, with technical justification.
5. Complete test hole(s) prior to issuing the permit if a data gap analysis indicates this is necessary.
6. Require an aquifer pumping test or capacity test for Class 2 and Class 3 variances based on points scored and data gaps, if necessary.

7.4 Quantity Trigger Adjustments

Since 1987, quantity management triggers have been in place but have yet to initiate a Groundwater Management Area 'control area' designation. To improve effectiveness, adjustments to the policy may include eliminating triggers for confined aquifers, incorporating qualitative criteria, and refining delineation strategies for quantity control areas. The proposed modifications include:

- Identify and prioritize areas with consistent well interference, incorporating data from annual pumping impact reports to track severity.
- Differentiate management strategies for confined and unconfined aquifers, ensuring policy adjustments align with their distinct hydrologic responses.
- Enhance monitoring practices by utilizing observation wells and hydrograph trends to detect seasonal declines rather than relying solely on spring/fall measurements, allowing for continuous multi-season assessments.
- Incorporate historical drought impact data to evaluate magnitude trends, setting baseline depletion benchmarks for proactive response measures.
- Strengthen unconfined aquifer management through policies aligned with Integrated Management Plan goals, including stream depletion factors and annual recharge trend analyses.
- Refine decline impact assessments, distinguishing significant drops (e.g., a 10% decline in aquifers exceeding 100 feet vs. those under 50 feet) to prioritize intervention efforts accordingly.
- Establish quantified thresholds for confined aquifers, such as triggering management action at 50% of remaining head above the aquifer top, ensuring proactive conservation.
- Implement subarea-based resource allocation, directing management efforts and funding to high-risk zones where depletion issues are most pronounced.
- Utilize numerical groundwater flow models to identify areas of concern, assessing long-term trends and aquifer response to pumping impacts from a variety of scenarios to refine management strategies and improve predictive capabilities.

7.5 Clarification of Terminology

When updating the Rules and Regulations, provide clarity and consistency to key terminology utilized in the GWMP.

- Revise the GWMP and Rules and Regulations to ensure clear and consistent terminology and definitions throughout. This may include, but is not limited to, the clarifying the following terms: "Trigger Level," "Level Controls," "Level Criteria," "Control Areas," "Quantity Areas," "Subareas," "Groundwater Management Areas," "Limited Development Area," "Restricted Development Areas," and "Special Quantity Sub Areas."
- Recognize the following hierarchy for groundwater management within the Rules and Regulations, GWMP, and other district publications:
    - Groundwater Regions: Platte, Shell Creek, Uplands, and Todd Valley
        - Within the regions, establish Groundwater Subareas
    - Groundwater Management Areas:
        - Quality: Phase I, II, III, IV
        - Quantity: Phase I, II, III
    - Groundwater Control Areas
        - Limited and restricted development areas
- Where relevant, ensure the GWMP and Rules and Regulations refer to "aquifer thickness," "available head" or "hydraulic head," and "potentiometric surface" for confined aquifers, and "water table surface" and "saturated thickness" for unconfined aquifers.

7.6 Re-evaluation of Special Quantity Subareas

In 2016, the Special Quantity Subareas were established to address significant pressure drops in the aquifer during peak irrigation periods, which can cause shallower wells to run short on water. Overtime, it is valuable to reevaluate these Groundwater Management Areas to monitor improvement or worsening conditions.

- Complete a hydrogeologic study to reassess the sufficiency of the current boundaries of the Butler/Saunders SQS #1 and Platte/Colfax SQS #2. Utilize existing studies and research, including AEM surveys and hydrogeologic assessment data.
- Engage with local farmers and stakeholders to gather input and address concerns regarding the accuracy of the current boundaries.
- Incorporate recent data and technological advancements to ensure the boundaries reflect the most accurate and up-to-date information.
- Provide a detailed report with recommendations for any necessary modifications to improve groundwater management and address stakeholder concerns.

7.7 Efforts to Enhance Data Transparency and Communication

Nebraska's NRDs have been making significant efforts to improve transparency and accessibility of data through real-time data collection and online visualization tools. The following recommendations are provided for consideration to enhance communication with constituents:

- Create an online, data visualization tool to allow users to obtain data on recent nitrate concentrations, water level trends, and similar water use information.
- Provide maps and information from the Hydrogeologic Assessment, the GWMP, features of the Rules and Regulations such as locations of Groundwater Management Areas, subareas, and groundwater regions; Wellhead Protection Areas, and similar features.
- Establish a system to communicate with the public by allowing sign-up using a feature on the website to receive push notifications through text messaging and/or email about upcoming events, meetings, and planned changes to policies.

7.8 Reassessment of Water Quality Triggers

The UNMC has conducted extensive research recently on the public health effects of nitrates in groundwater, highlighting several critical concerns (Water for Food, 2024):

- Health Risks: High concentrations of nitrates in drinking water have been linked to various adverse health outcomes, including methemoglobinemia (especially in infants), colorectal cancer, thyroid disease, and neural tube defects. Other potential health issues include increased heart rate, nausea, headaches, and abdominal cramps.
- Cancer and Birth Defects: Studies have shown a significant association between high nitrate levels and certain cancers, such as pediatric brain cancer, kidney cancer, bladder cancer, and non-Hodgkin lymphoma. Additionally, there is evidence linking nitrate exposure to an increase in birth defects.
- Economic Impact: The economic costs associated with health effects from nitrate-contaminated drinking water are substantial. These costs include medical expenses and lost productivity due to illness. Treating drinking water for nitrate has a significant economic impact, especially for small communities, and drilling new wells can be expensive.

Given these findings, the LPNNRD should consider a reassessment of the water quality triggers. By doing so, the LPNNRD can proactively reduce nitrate levels in groundwater, thereby protecting public health and mitigating economic burdens associated with nitrate contamination.

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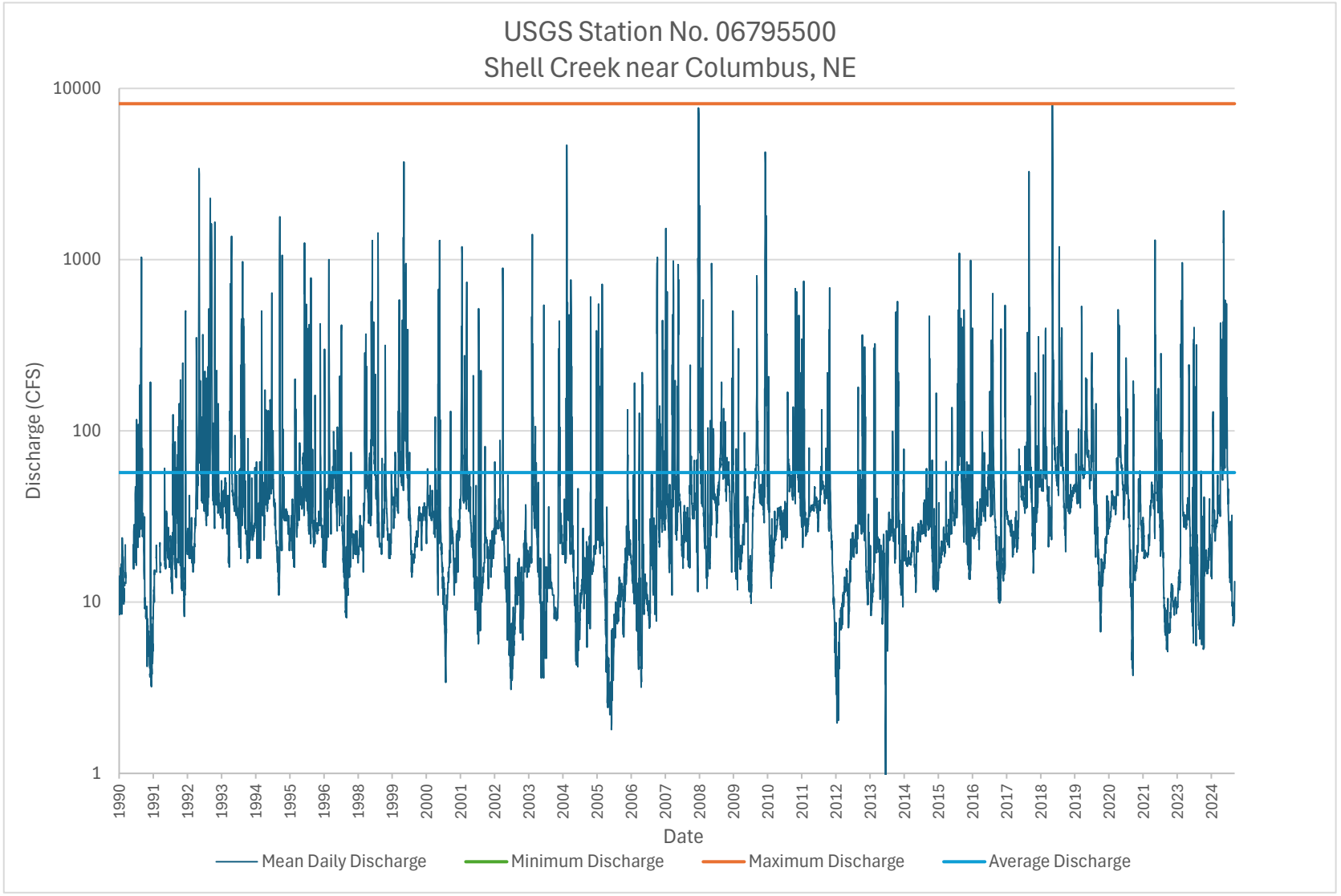
ATTACHMENT A – STREAM FLOW HYDROGRAPHS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Shell Creek near Columbus, NE
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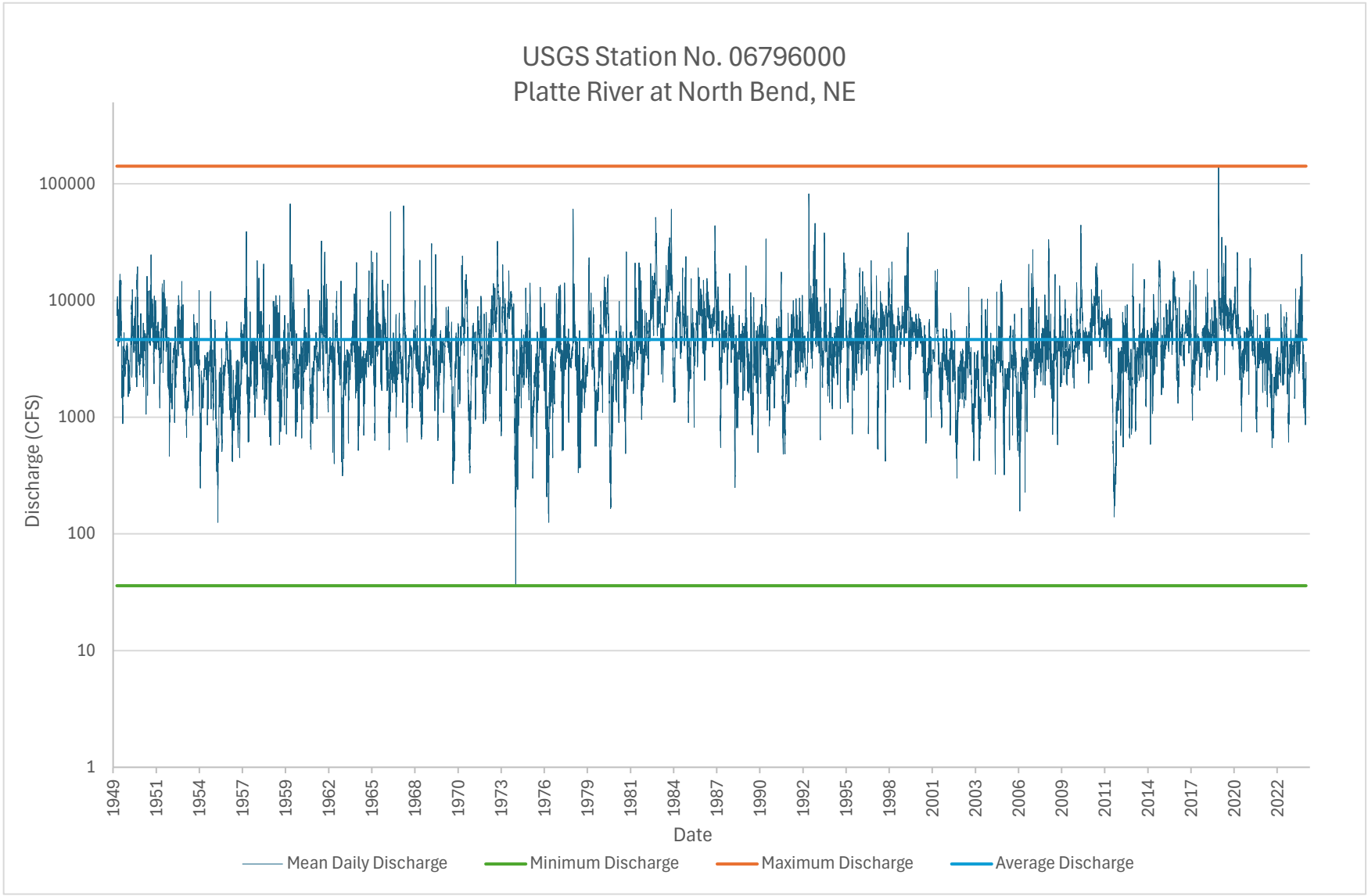
Date
Mean Daily Discharge
Minimum Discharge
Maximum Discharge
Average Discharge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Mean Daily Discharge
Minimum Discharge
Maximum Discharge
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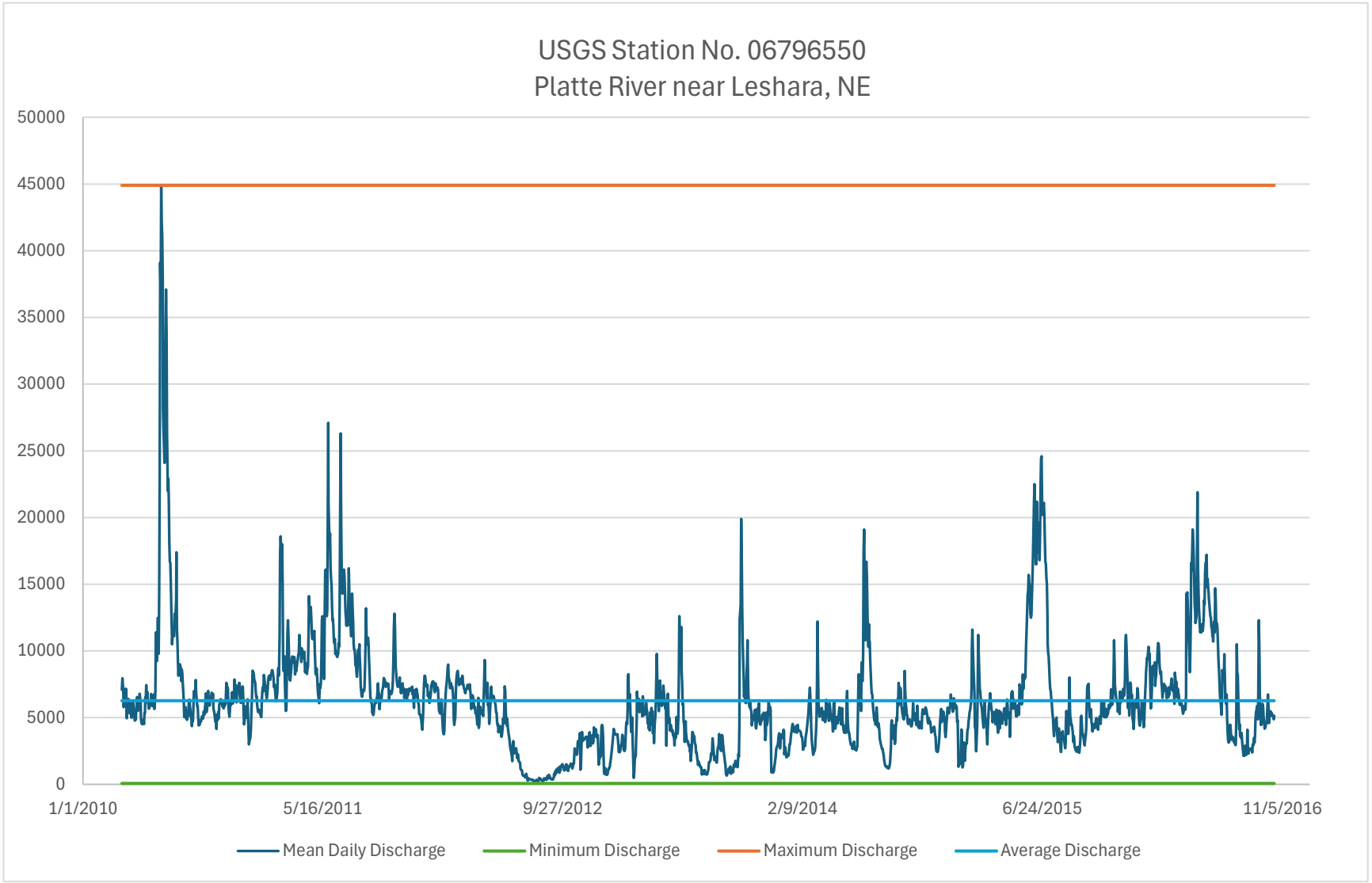
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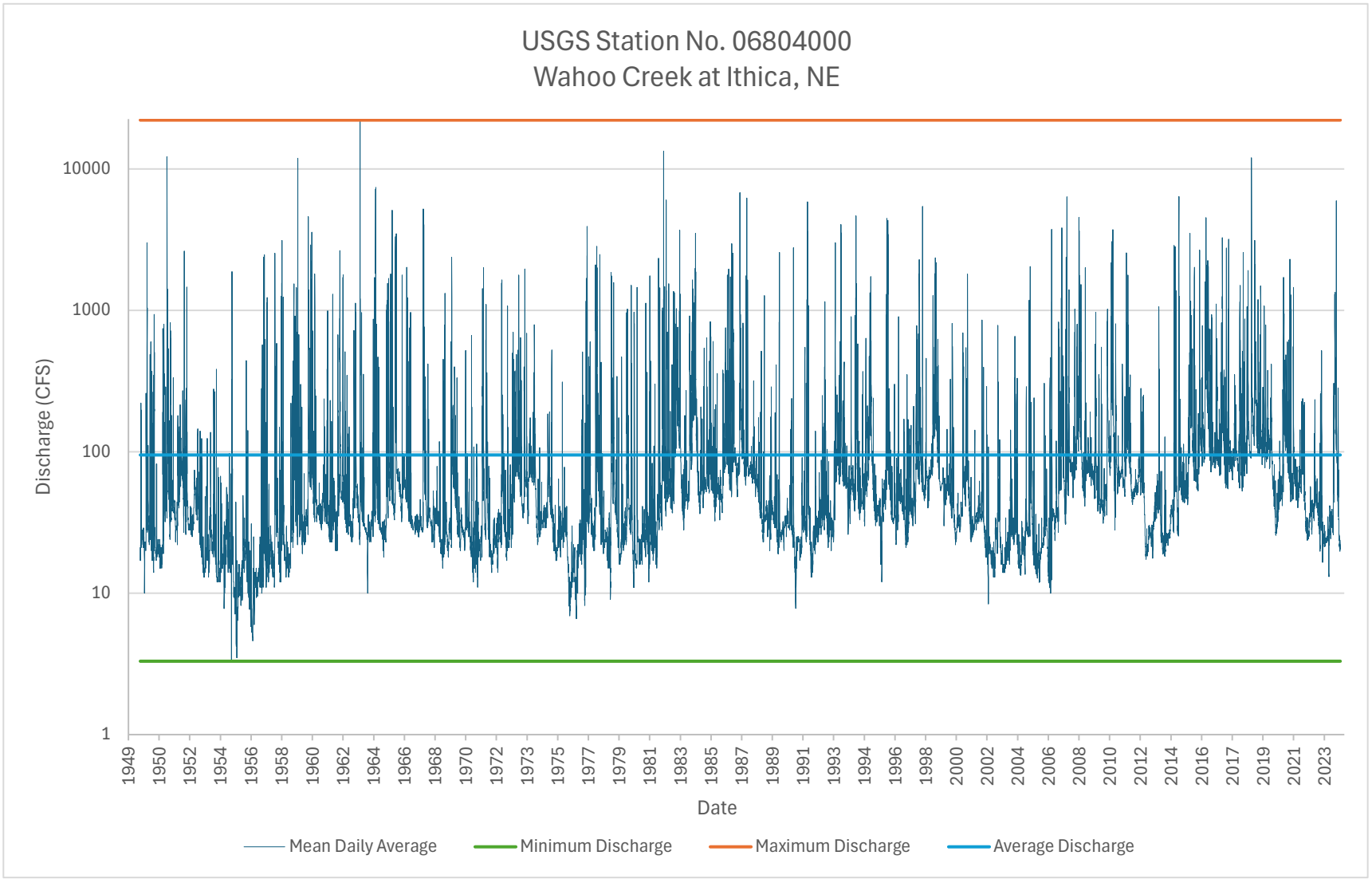
Mean Daily Discharge
Minimum Discharge
Maximum Discharge
Average Discharge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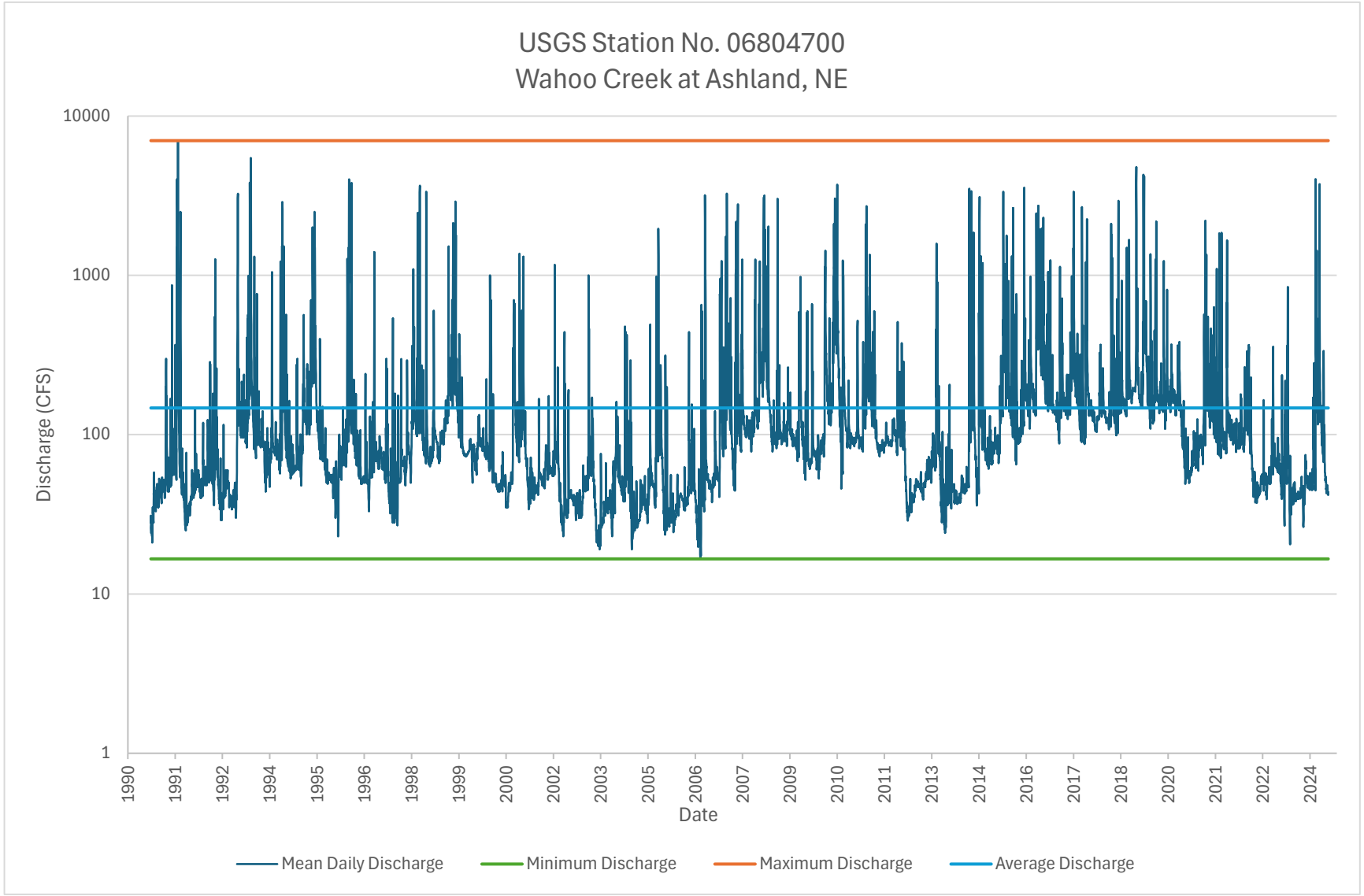
Date
Mean Daily Average
Minimum Discharge
Maximum Discharge
Average Discharge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Wahoo Creek at Ashland, NE
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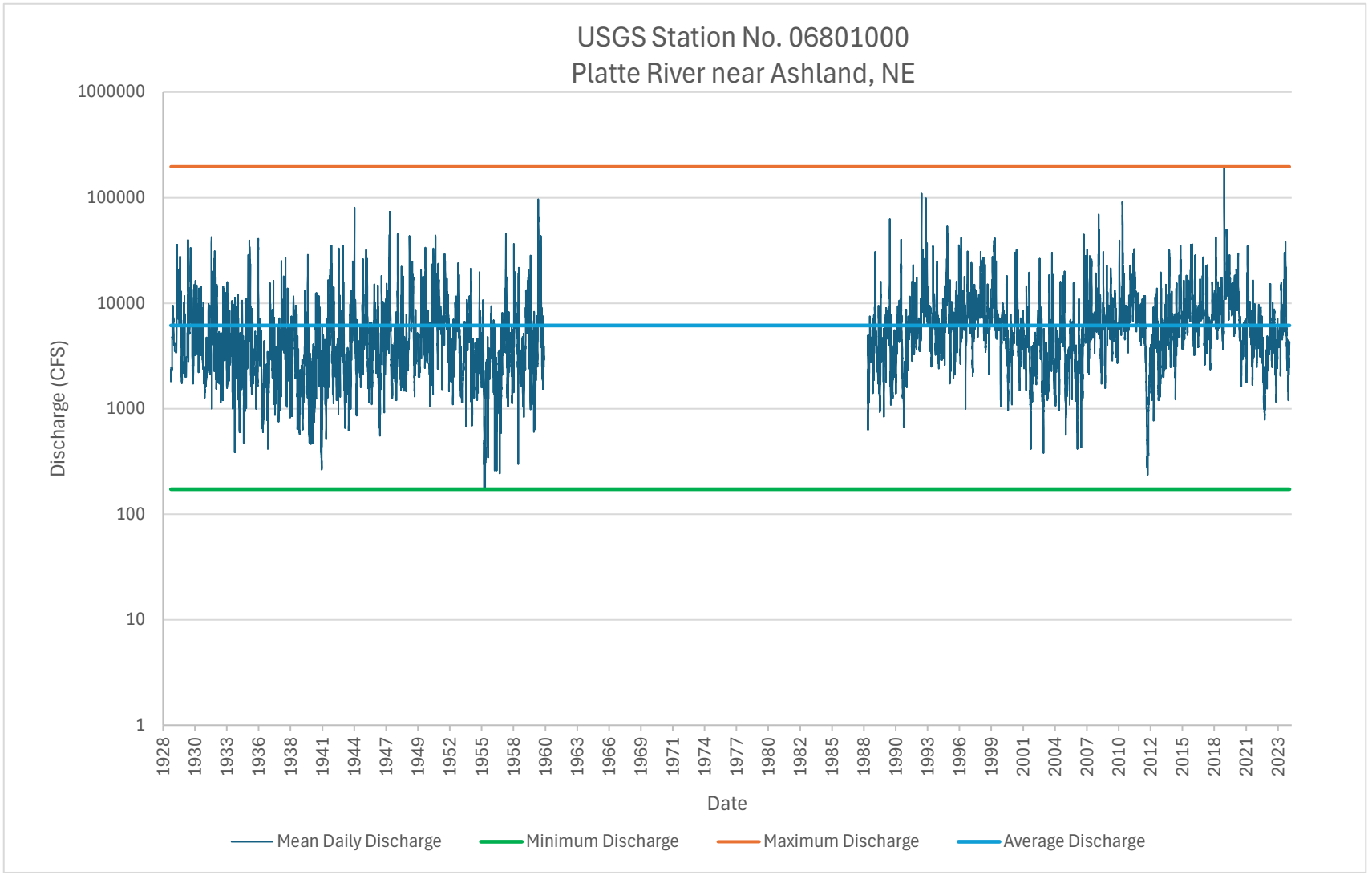
Date
Mean Daily Discharge
Minimum Discharge
Maximum Discharge
Average Discharge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2023
Date
Mean Daily Discharge
Minimum Discharge
Maximum Discharge
Average Discharge

CHEMIGATION - July 2025

TOTAL CHEMIGATION APPLICATIONS IN 2024 (714)

NEW CHEMIGATION APPLICATIONS - 41

(9) Boone (6) Butler (6) Colfax (5) Dodge (2) Madison (9) Platte (4) Saunders

RENEWALS: 660

BOONE COUNTY - 49
BUTLER COUNTY - 78
COLFAX COUNTY - 79
DODGE COUNTY - 111
MADISON COUNTY - 7
PLATTE COUNTY - 108
SAUNDERS COUNTY - 228

RENEWAL INSPECTIONS: 143

(6) Boone (21) Butler (16) Colfax (19) Dodge (0) Madison (31) Platte (50) Saunders

NEW INSPECTIONS: 41

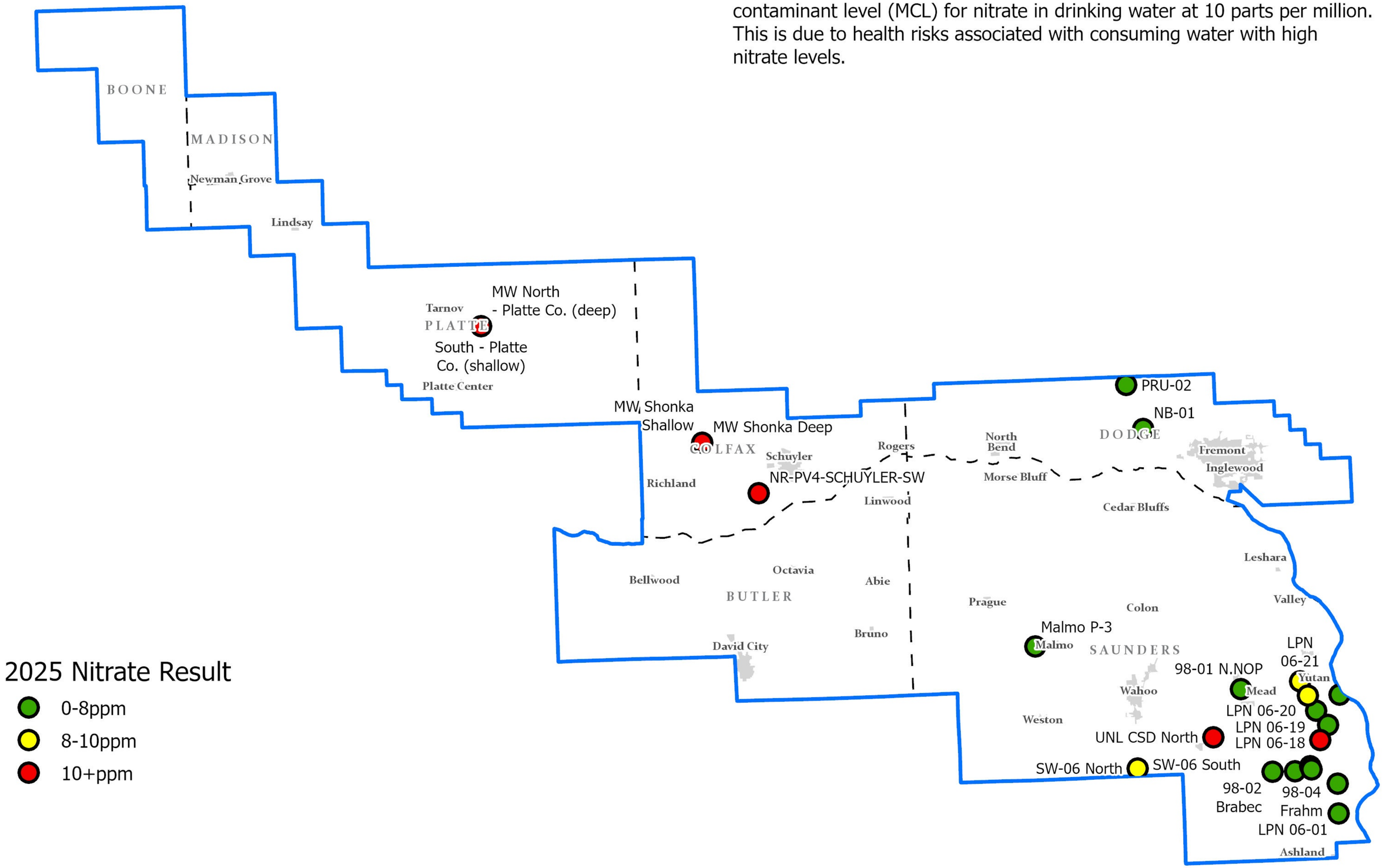
(12) Boone (5) Butler (5) Colfax (4) Dodge (2) Madison (9) Platte (4) Saunders

NEW CANCELLATIONS: 4

(0) Boone (3) Butler (0) Colfax (1) Dodge (0) Madison (0) Platte (0) Saunders

EMERGENCY: 0

The Environmental Protection Agency (EPA) has set the maximum contaminant level (MCL) for nitrate in drinking water at 10 parts per million. This is due to health risks associated with consuming water with high nitrate levels.



2025 Nitrate Result

- 0-8ppm
- 8-10ppm
- 10+ppm

2025 LPNNRD Monitoring Well Nitrate Sampling

LOWER PLATTE NORTH
Natural Resources District

Created July 2025 by LPNNRD
NAD 1983 StatePlane Nebraska FIPS 2600 (US Feet)
Data: LPNNRD

0 3 6 12 18 24
Miles

N

02

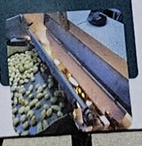
Peel & Cook Process

Peeling

Potatoes are blasted with high pressure steam for several seconds. The steam loosens the peel from the potato and is scrubbed off with brushes.

Sorting and Slabbing

Foreign material and bad potatoes are removed from the process with our state-of-the-art sorter. The sorter uses IR and high-speed cameras to sort the potatoes.



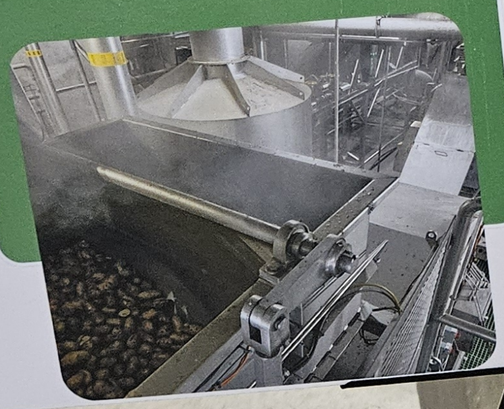
Cooking

The potatoes are conditioned with steam, cooked, and pushed through a ricing plate turning them into mashed potatoes.

Peel & Cook Process

Peeling

Potatoes are blasted with high pressure steam for several seconds. The steam loosens the peel from the potato and is scrubbed off with brushes.



Sorting and Slabbing

Foreign material and bad potatoes are removed from the process with our state-of-the-art sorter. The sorter uses IR and high-speed cameras to sort the potatoes.

Cooking

The potatoes are conditioned with steam, cooked, and pushed through a ricing plate turning them into mashed potatoes.

Dehydration

Mashed potatoes are fed onto the drums. The drum and rollers rotate into each other and apply a layer of potato cells to the drum. As the drum rotates, heat is transferred from the drum to the mash, evaporating the water, and creating a thin sheet of dried potato.


Dehydration


Budweiser

UNITED STATES DEPARTMENT OF THE INTERIOR
DOWN PAYMENT (BILL) REQUEST

Bill #: 90117104
Customer: 6000000136
Date: 07/17/2025
Due Date: 09/15/2025

Make Remittance Payable To: U.S. Geological Survey
Billing Contact: Amanda Flynn, Budget Analyst Phone: 402-328-4144, aflynn@usgs.gov

Remit Payment To: United States Geological Survey
P.O. Box 6200-27
Portland, OR 97228-6200

Payer: LOWER PLATTE NORTH NRD
P.O. BOX 126
WAHOO NE 68066

Additional forms of payment may be accepted. Please email GS-A-HQ_RMS@USGS.GOV or call 703-648-7683 for additional information.

To pay through Pay.gov go to https://www.pay.gov.

Checks must be made payable to U.S. Geological Survey. Please detach the top portion or include bill number on all remittances.

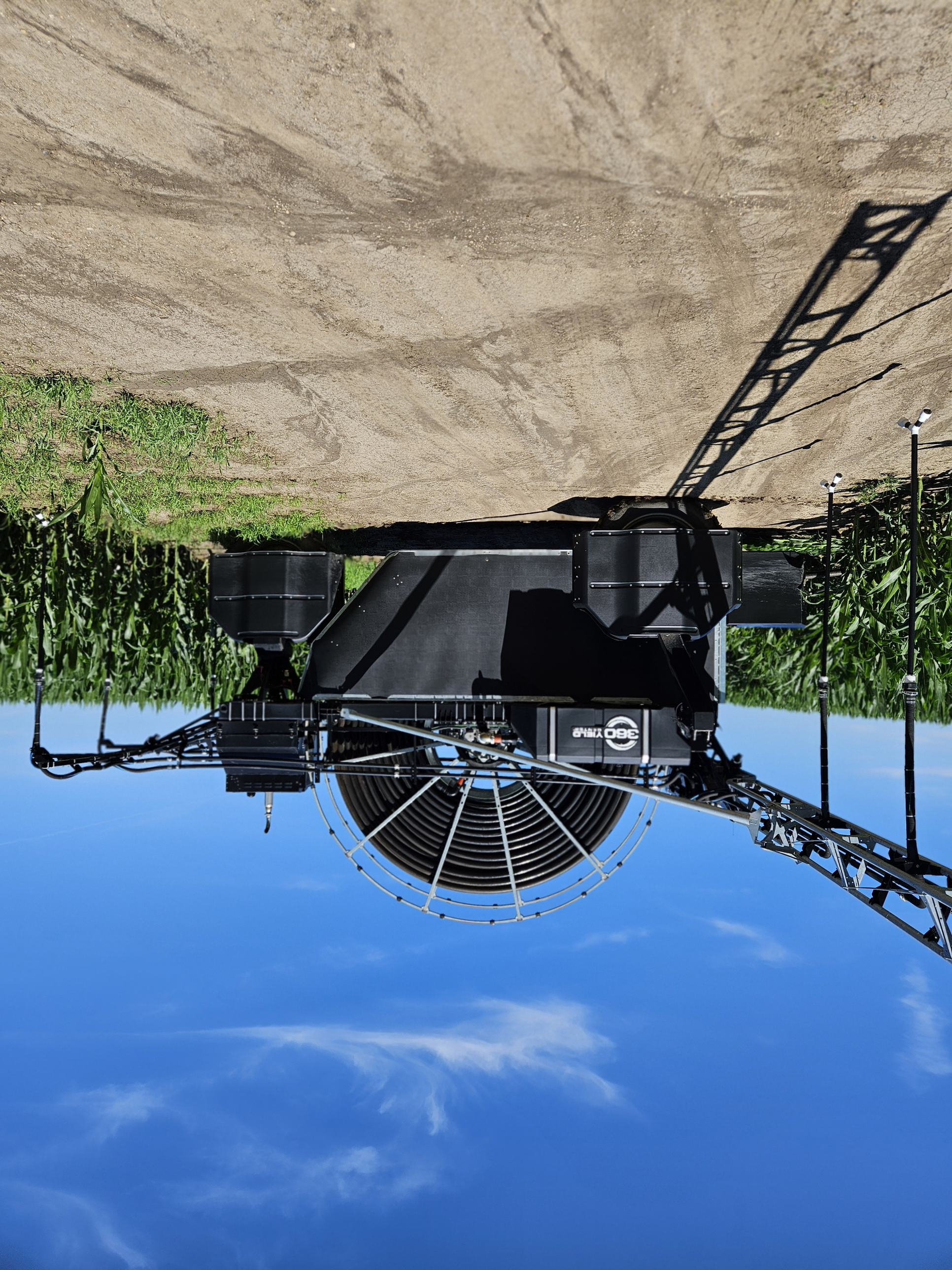
Amount of Payment: $ _____

.....

Date	Description	Qty	Unit Price		Amount
			Cost	Per	
07/17/2025	The streamgages at Shell Creek near Columbus and Wahoo Creek at Ashland, as agreed to in Joint Funding Agreement 25NRJFA00170 between the US Geological Survey and the Lower Platte North NRD JFA 25NRJFA00170 25NRJFA00170	1	4,213.00	1	4,213.00
				Amount Due this Bill:	4,213.00

Accounting Classification:
Sales Order: 143669
Sales Office: GENR
Customer: 6000000136
Accounting #: 11608154

TIN: *****2716


360 YIELD

10:49 AM Mon Jan 6

#1 EAST MACHINE

3-0029

0.0 IPS

12.50 V

0 RPM

STOPPED

Road 5

Road R

Road R

Road 5

Taylor Pond

LIQUID

WATER

RUN

LIQUID SETTINGS

UNITS

IN

TARGET

0.48

ACTUAL

1.1

McCROMETER
ACRE INCHES X 0.01
0 4 9 2 4 4
23-01632
ANTI-REVERSE
GALLONS PER MINUTE
0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300

DI-1040

UNITED STATES DEPARTMENT OF THE INTERIOR
DOWN PAYMENT (BILL) REQUEST

Bill #: 90116391
Customer: 6000000136
Date: 07/10/2025
Due Date: 09/08/2025

Make Remittance Payable To: U.S. Geological Survey
Billing Contact: Amanda Flynn, Budget Analyst Phone: 402-328-4144, aflynn@usgs.gov

Remit Payment To: United States Geological Survey
P.O. Box 6200-27
Portland, OR 97228-6200

Payer: LOWER PLATTE NORTH NRD
P.O. BOX 126
WAHOO NE 68066

Additional forms of payment may be accepted. Please email GS-A-HQ_RMS@USGS.GOV or call 703-648-7683 for additional information.

To pay through Pay.gov go to https://www.pay.gov.

Checks must be made payable to U.S. Geological Survey. Please detach the top portion or include bill number on all remittances.

Amount of Payment: $ _____

.....

Date	Description	Qty	Unit Price		Amount
			Cost	Per	
07/10/2025	The operation of stage-only streamgages and gage cameras as agreed to in Joint Funding Agreement 25NRJFA00010 between the US Geological Survey and the Lower Platte North Natural Resources District. JFA 25NRJFA00010 25NRJFA00010	1	5,327.00	1	5,327.00
				Amount Due this Bill:	5,327.00

Accounting Classification:
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Sales Office: GENR
Customer: 6000000136
Accounting #: 11607442

TIN: *****2716

Wahoo Creek Dams 26A, 26B, and 27 – Progress Meeting Agenda

July 22nd, 09:00 AM, Next meeting=> August 26th, 09:00 AM

1. **Project Schedule & Phasing**
   - **a.** Work completed since last meeting
     - i. Lift three and four of the 24" principal spillway riser structure poured (Site 27)
     - ii. Concrete pipe collar, 12" line valve, and a section of 12" PVC pipe installed onto 12" drawdown port (Site 27).
     - iii. 18" low stage inlet port installed in 24" principal spillway riser structure (Site 27).
     - iv. Stripping and stockpiling topsoil and continued channel cleanout and backfill (Site 26A).
   - **b.** Work planned for the month (contractor update)
     - i. Start filling around the principal spillway and riser (Site 27).
     - ii. Continue channel cleanout and backfill (Site 26A).
     - iii.

2. **Coordination with others**
   - **a.** Coordinate with landowners as needed on crops/project limits surrounding borrow areas and permanent pool (ongoing concern).
   - **b.** Shanahan and TCI coordinating to stay on schedule after rain delays.

3. **Progress Payments**
   - **a.** Pay application #8 needs to be submitted to Olsson by July 25th (Received by Olsson on July 24th)
   - **b.** Pay application #9 needs to be submitted to Olsson by August 22nd
   - **c.**

4. **Change Orders/WCD**
   - **a.**

5. **Contractor Action Items**
   - **a.** Pipe Submittals
   - **b.** Steel Submittals
   - **c.** Concrete Submittals
   - **d.** Coordinate installation of settlement plates and piezometers.
     - **i.** Piezometers are for long term monitoring. They are to be installed between the embankment completion and the first filling of the reservoir
     - **ii.** Settlement plates to be installed at the first embankment lift and survey shots of the settlement plate and embankment elevation to be taken once per week.
   - **e.** ~~Survey shots and joint measurement for 24" principal spillway pipe taken on 5/30 provided to Olsson on 7/10 (Site 27).~~
   - **f.** Maintain road closure barricades on County Rd. 28 while Type B Riprap is staged there (Site 26A).
   - **g.** ~~Porta john has been moved out of the field drive adjacent to County Rd. 28 (Site 26A).~~

6. **LPNNRD Action Items**
   a.
   b.

7. **Olsson Action Items**
   a. ~~Provide Thompson Construction and Hazard Engineering with additional CAD files as needed.~~
   b. Measure out additional over excavation on Site 26A.

8. **Items of Note**
   a. WCW / LPNNRD new office tour on July 30th starting at 8 a.m. on Site 27.

9. **Attendees:**

First	Last	Company	Present
Sean	Elliott	LPNNRD	X
Ryan	Sabatka	LPNNRD	
Dan	Lightbody	Olsson	X
Brian	Jueneman	Olsson	X
Isaac	Miesbach	Olsson	X
Allen	Gehring	NRCS	
Thomas	Mountford	NRCS	
Jason	Sall	NRCS	
Kelly	Thompson	TCI	X
Lance	French	TCI	
Travis	Hazard	Hazard Engineering	
Darren	Brown	Hazard Engineering	
Richard	Shanahan	Shanahan	X
Ryan	Chapman	LPNNRD	X
Eric	Gottschalk	LPNNRD	X

CERTIFICATE OF PAYMENT: 008

Date of Issuance: July 24, 2025

Project: LPNNRD Wahoo Creek Watershed Sites 26A 26B and 27 **Project No.:** 018-3423

Contractor: Thompson Construction

DETAILED ESTIMATE

Description	Unit Price	Extension
Refer to Attached Progress Estimate #8 thru 07-24-2025		
PLEASE REMIT PAYMENT TO: Thompson Construction 2404 N Lincoln Ave Fremont, NE 68025		

Value of Work Completed This Request: $ 1,276,618.50

Original Contract Value: $ 4,314,772.70

Approved Change Orders:

No. 1 $24,274.50

No. 2

No. 3

Total Contract Value: $ 4,339,047.20

Value of completed work and materials stored to date		$ 1,276,618.50
Less retainage percentage	10%	$ 127,661.85
Net amount due including this estimate		$ 1,148,956.65

Less: Estimates previously approved:

No. 1	$153,421.65	No. 2	$107,054.10	No. 3	$167,139.00
No. 4	$34,211.70	No. 5	$116,193.60	No. 6	$208,238.40
No. 7	$285,587.10	No. 8		No. 9	
No. 10		No. 11		No. 12	

Total Previous Estimates: $1,071,845.55

NET AMOUNT DUE THIS ESTIMATE: $ 77,111.10

The undersigned hereby certifies, based upon periodic observations as set forth in scope of work and the data included in all applicable payment applications that, to the best of its knowledge, information and belief: (1) the work has progressed as indicated in the applicable payment applications; (2) the work performed and materials delivered by Contractor are in conformance with the plans and specifications; and (3) the Contractor, in accordance with the contract, is entitled to payment as indicated above.

This certification does not constitute a warranty or guarantee of any type. Client shall hold its Contractor solely responsible for the quality and completion of the Project, including construction in accordance with the construction documents. Any duty or obligation of Olsson hereunder is for the sole benefit of the Client and not for any third party, including the Contractor or any Subcontractor.

cc: Project File
Sean Elliott - LPNNRD
Lance French - Thompson Construction

OLSSON

By: _____

THOMPSON CONSTRUCTION INC.
2404 N LINCOLN AVE FREMONT, NE 68025 - PHONE – 402-704-2008 - FAX – 402-704-2009

PAY APPLICATION NO. 8

To: LOWER PLATTE NORTH NATURAL RESOURCES DISTRICT
From: THOMPSON CONSTRUCTION, INC.
Contract For: WAHOO CREEK WATERSHED DAM STRUCTURES 26A, 26B, AND 27
ENGINEER's Project No. 018-3423
For Work accomplished through the date of: 7/24/25

1. Original Contract Price:	$	4,314,772.70
2. Net change by Change Orders and Written Amendments (+ or -):	$	24,274.50
3. Current Contract Price (1 plus 2):	$	4,339,047.20
4. Total completed and stored to date:	$	1,276,618.50
5. Percent of Project Completed 23%		
6. Retainage (per agreement):		
10% of completed Work and Stored Materials: $ 127,661.85		
(10% of the first 50% of work completed & stored)		
Total Retainage:	$	127,661.85
7. Total completed and stored to date less retainage (4 minus 6):	$	1,148,956.65
8. Less previous Application for Payments:	$	1,071,845.55
9. DUE THIS APPLICATION (7 MINUS 8):	**$**	**77,111.10**

Accompanying Documentation:

CONTRACTOR'S Certification:

The undersigned CONTRACTOR certifies that (1) all previous progress payments received from OWNER on account of Work done under the Contract referred to above have been applied on account to discharge CONTRACTOR's legitimate obligations incurred in connection with Work covered by prior Applications for Payment numbered 1 through 1 inclusive; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to OWNER at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to OWNER indemnifying OWNER against any such Lien, security interest or encumbrance); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and not defective.

Dated: 7/24/25 Thompson Construction

By: Kelly Thompson

Payment of the above AMOUNT DUE THIS APPLICATION is recommended.

Dated: _____ _____

By: _____

APPLICATION APPROVED BY:

By: _____

Title: _____ Date: _____

ATTEST:

By: _____ Title: _____

THOMPSON CONSTRUCTION INC.
2404 N LINCOLN AVE FREMONT, NE 68025 - PHONE – 402-704-2008 - FAX – 402-704-2009

PROGRESS ESTIMATE 8

Owner: LOWER PLATTE NORTH NATURAL RESOURCE DISTRICT
Project: WAHOO CREEK WATERSHED
DAM STRUCTURES 26A, 26B, AND 27
Contractor: THOMPSON CONSTRUCTION INC

TOTAL STORED: $ 293,490.00
TOTAL COMPLETED: $ 983,128.50
TOTAL PLUS STORED: $ 1,276,618.50

Date: 24-Jul-25
Estimate No.: 8
Project No.: 018-3423

ITEM NO.	QTY	UNIT	DESCRIPTION	MATERIAL STORED	QTY TO DATE	UNIT PRICE	TOTAL	TOTAL PLUS STORED MATERIAL
SITE 26A								
1	1	LS	MOBILIZATION		0.5	$ 50,000.00	$ 25,000.00	**$ 25,000.00**
2	1	LS	CONSTRUCTION STAKING		0.1	$ 12,000.00	$ 1,200.00	**$ 1,200.00**
3	1	EA	CONSTRUCTION ENTRANCE		1	$ 2,625.00	$ 2,625.00	**$ 2,625.00**
4	1	LS	DEWATERING		0	$ 15,000.00	$ -	$ -
5	12	AC	GENERAL CLEARING AND GRUBBING		12	$ 2,900.00	$ 34,800.00	**$ 34,800.00**
7	86720	CY	EARTHWORK FILL (AT1.2 COMPACTION)		15000	$ 3.90	$ 58,500.00	**$ 58,500.00**
8	13543	CY	EARTHWORK CUT AND SPOIL		10000	$ 4.00	$ 40,000.00	**$ 40,000.00**
9	1047	TN	AGGREGATE 47B FINE		0	$ 34.00	$ -	$ -
10	8	TN	1" WASHED AGGREGATE		0	$ 105.00	$ -	$ -
11	200	TN	C33 #8 AGGREGATE		0	$ 55.00	$ -	$ -
12	4273	TN	CLASS B RIP RAP - STORED = 788 TONS @$72.00 / TON	$ 56,736.00	0	$ 90.00	$ -	**$ 56,736.00**
13	998	TN	3" CRUSHED AGGREGATE		0	$ 45.00	$ -	$ -
14	1022	LF	6" PERFORATED DUAL WALL PVC		0	$ 23.00	$ -	$ -
15	90	LF	8" GALVANIZED STEEL PIPE		0	$ 25.00	$ -	$ -
16	177	LF	24" RCPP PRINCIPAL SPILLWAY	$ 60,668.00	0	$ 550.00	$ -	**$ 60,668.00**
17	2	EA	PRINCIPAL SPILLWAY PIPE SUPPORTS		1.5	$ 4,000.00	$ 6,000.00	**$ 6,000.00**
18	29	CY	STRUCTURAL CONCRETE (CLASS 4000)		0	$ 2,000.00	$ -	$ -
19	5320	LB	REINFORCING STEEL	$ 3,277.00	0	$ 2.50	$ -	**$ 3,277.00**
20	1	LS	METAL FABRICATION	$ 6,063.00	0	$ 11,000.00	$ -	**$ 6,063.00**
21	3	EA	SHEETPILE HEADWALL	$ 2,570.00	0	$ 1,700.00	$ -	**$ 2,570.00**
22	24	LF	18" CCP LOW STAGE INLET PIPE		0	$ 75.00	$ -	$ -
23	1	EA	18" CONCRETE TRASH RACK		0	$ 3,000.00	$ -	$ -
24	53	LF	12" PVC DRAWDOWN PIPE		0	$ 60.00	$ -	$ -
25	1	EA	12" BAR TRASH RACK		0	$ 400.00	$ -	$ -
26	1	EA	12" LINE GATE	$ 6,617.00	0	$ 30,000.00	$ -	**$ 6,617.00**
27	2300	LF	FENCE REMOVAL(ADB ENGINEER)		2300	$ 1.00	$ 2,300.00	**$ 2,300.00**
28	1420	LF	FENCE PLACEMENT(ADB ENGINEER)		0	$ 8.00	$ -	$ -
29	2	EA	GATE		0	$ 650.00	$ -	$ -
30	2	EA	BRASS CAP MONUMENTS		0	$ 1,300.00	$ -	$ -
31	7.9	AC	SEEDING		0	$ 2,400.00	$ -	$ -
32	2960	LF	WATTLES		0	$ 4.00	$ -	$ -
33	3	EA	PERMANENT PIEZOMETER(W/ BOLLARDS)		0	$ 8,000.00	$ -	$ -
34	4	EA	SETTLEMENT PLATE		0	$ 2,500.00	$ -	$ -
35	1100	LF	TYPE B DIVERSION		0	$ 2.40	$ -	$ -
36	100	LF	DRAIN TILE REMOVAL (ADB ENGINEER)		0	$ 5.00	$ -	$ -
37	100	LF	DRAIN TILE PLACEMENT(ADB ENGINEER)		0	$ 10.00	$ -	$ -
38	0	EA	SEPTIC TANK AND LATERAL FIELD		0	$ -	$ -	$ -
39	1	LS	QUALITY CNTROL INSPECTION		0	$ 6,500.00	$ -	$ -
40	150	SY	GEOTEXTILE FILTER FABRIC		0	$ 12.00	$ -	$ -
			TOTAL 26A	**$135,931.00**			**$ 170,425.00**	**$ 306,356.00**

THOMPSON CONSTRUCTION INC.
2404 N LINCOLN AVE FREMONT, NE 68025 - PHONE - 402-704-2008 - FAX - 402-704-2009

ITEM NO.	QTY	UNIT	DESCRIPTION	MATERIAL STORED	QTY TO DATE	UNIT PRICE	TOTAL	TOTAL PLUS STORED MATERIAL
SITE 26B								
1	1	LS	MOBILIZATION		0.5	$ 50,000.00	$ 25,000.00	**$ 25,000.00**
2	1	LS	CONSTRUCTION STAKING		0.1	$ 12,000.00	$ 1,200.00	**$ 1,200.00**
3	1	EA	CONSTRUCTION ENTRANCE		0	$ 2,560.00	$ -	$ -
4	1	LS	DEWATERING		0	$ 15,000.00	$ -	$ -
5	15	AC	GENERAL CLEARING AND GRUBBING		9	$ 2,000.00	$ 18,000.00	**$ 18,000.00**
7	77628	CY	EARTHWORK FILL (AT1.2 COMPACTION)		0	$ 3.70	$ -	$ -
8	2946	CY	EARTHWORK CUT AND SPOIL		0	$ 4.00	$ -	$ -
9	814	TN	AGGREGATE 47B FINE		0	$ 34.00	$ -	$ -
10	4	TN	1" WASHED AGGREGATE		0	$ 210.00	$ -	$ -
11	205	TN	C33 #8 AGGREGATE		0	$ 55.00	$ -	$ -
12	4888	TN	CLASS B RIP RAP		0	$ 90.00	$ -	$ -
13	855	TN	3" CRUSHED AGGREGATE		0	$ 45.00	$ -	$ -
14	961	LF	6" PERFORATED DUAL WALL PVC		0	$ 23.00	$ -	$ -
15	90	LF	8" GALVANIZED STEEL PIPE		0	$ 25.00	$ -	$ -
16	177	LF	24" RCPP PRINCIPAL SPILLWAY	$ 60,668.00	0	$ 550.00	$ -	**$ 60,668.00**
17	2	EA	PRINCIPAL SPILLWAY PIPE SUPPORTS		1.5	$ 4,000.00	$ 6,000.00	**$ 6,000.00**
18	23	CY	STRUCTURAL CONCRETE (CLASS 4000)		0	$ 2,150.00	$ -	$ -
19	4285	LB	REINFORCING STEEL	$ 3,277.00	0	$ 2.50	$ -	**$ 3,277.00**
20	1	LS	METAL FABRICATION	$ 6,063.00	0	$ 11,000.00	$ -	**$ 6,063.00**
21	3	EA	SHEETPILE HEADWALL	$ 2,570.00	0	$ 1,700.00	$ -	**$ 2,570.00**
22	24	LF	18" CCP LOW STAGE INLET PIPE		0	$ 75.00	$ -	$ -
23	1	EA	18" CONCRETE TRASH RACK		0	$ 3,100.00	$ -	$ -
24	64	LF	12" PVC DRAWDOWN PIPE		0	$ 60.00	$ -	$ -
25	1	EA	12" BAR TRASH RACK		0	$ 400.00	$ -	$ -
26	1	EA	12" LINE GATE	$ 6,617.00	0	$ 30,000.00	$ -	**$ 6,617.00**
27		LF	FENCE REMOVAL(ADB ENGINEER)		0		$ -	$ -
28		LF	FENCE PLACEMENT(ADB ENGINEER)		0		$ -	$ -
29		EA	GATE		0		$ -	$ -
30	2	EA	BRASS CAP MONUMENTS		0	$ 1,300.00	$ -	$ -
31	12.5	AC	SEEDING		0	$ 2,400.00	$ -	$ -
32	2985	LF	WATTLES		0	$ 4.00	$ -	$ -
33		EA	PERMANENT PIEZOMETER(W/ BOLLARDS)		0		$ -	$ -
34	4	EA	SETTLEMENT PLATE		0	$ 1,600.00	$ -	$ -
35	1040	LF	TYPE B DIVERSION		0	$ 2.40	$ -	$ -
36	650	LF	DRAIN TILE REMOVAL (ADB ENGINEER)		0	$ 2.00	$ -	$ -
37	100	LF	DRAIN TILE PLACEMENT(ADB ENGINEER)		0	$ 26.00	$ -	$ -
38	1	EA	SEPTIC TANK AND LATERAL FIELD		0	$ 13,000.00	$ -	$ -
39	1	LS	QUALITY CNTROL INSPECTION		0	$ 6,500.00	$ -	$ -
40	150	SY	GEOTEXTILE FILTER FABRIC		0	$ 12.00	$ -	$ -
			TOTAL 26B	**$ 79,195.00**			**$ 50,200.00**	**$ 129,395.00**

THOMPSON CONSTRUCTION INC.
2404 N LINCOLN AVE FREMONT, NE 68025 - PHONE – 402-704-2008 - FAX – 402-704-2009

ITEM NO.	QTY	UNIT	DESCRIPTION	MATERIAL STORED	QTY TO DATE	UNIT PRICE	TOTAL	TOTAL PLUS STORED MATERIAL
SITE 27								
1	1	LS	MOBILIZATION		0.75	$ 80,000.00	$ 60,000.00	**$ 60,000.00**
2	1	LS	CONSTRUCTION STAKING		0.55	$ 12,000.00	$ 6,600.00	**$ 6,600.00**
3	1	EA	CONSTRUCTION ENTRANCE		1	$ 2,650.00	$ 2,650.00	**$ 2,650.00**
4	1	LS	DEWATERING		0	$ 15,000.00	$ -	**$ -**
5	22	AC	GENERAL CLEARING AND GRUBBING		16	$ 3,000.00	$ 48,000.00	**$ 48,000.00**
7	93619	CY	EARTHWORK FILL (AT1.2 COMPACTION)		13285	$ 3.90	$ 51,811.50	**$ 51,811.50**
8	9265	CY	EARTHWORK CUT AND SPOIL		5500	$ 4.00	$ 22,000.00	**$ 22,000.00**
9	990	TN	AGGREGATE 47B FINE		747	$ 34.00	$ 25,398.00	**$ 25,398.00**
10	4	TN	1" WASHED AGGREGATE		0	$ 105.00	$ -	**$ -**
11	210	TN	C33 #8 AGGREGATE		24	$ 55.00	$ 1,320.00	**$ 1,320.00**
12	7829	TN	CLASS B RIP RAP - STORED = 897 TONS @ $72 / TON	$ 64,584.00	3981	$ 90.00	$ 358,290.00	**$ 422,874.00**
13	788	TN	3" CRUSHED AGGREGATE		201	$ 45.00	$ 9,045.00	**$ 9,045.00**
14	964	LF	6" PERFORATED DUAL WALL PVC		793	$ 23.00	$ 18,239.00	**$ 18,239.00**
15	90	LF	8" GALVANIZED STEEL PIPE		90	$ 25.00	$ 2,250.00	**$ 2,250.00**
16	175	LF	24" RCPP PRINCIPAL SPILLWAY		176	$ 550.00	$ 96,800.00	**$ 96,800.00**
17	2	EA	PRINCIPAL SPILLWAY PIPE SUPPORTS		2	$ 4,000.00	$ 8,000.00	**$ 8,000.00**
18	23	CY	STRUCTURAL CONCRETE (CLASS 4000)		16	$ 2,150.00	$ 34,400.00	**$ 34,400.00**
19	4465	LB	REINFORCING STEEL	$ 1,100.00	3000	$ 2.50	$ 7,500.00	**$ 8,600.00**
20	1	LS	METAL FABRICATION	$ 6,063.00	0	$ 11,000.00	$ -	**$ 6,063.00**
21	3	EA	SHEETPILE HEADWALL	$ -	3	$ 1,700.00	$ 5,100.00	**$ 5,100.00**
22	24	LF	18" CCP LOW STAGE INLET PIPE		0	$ 75.00	$ -	**$ -**
23	1	EA	18" CONCRETE TRASH RACK		0	$ 3,100.00	$ -	**$ -**
24	63	LF	12" PVC DRAWDOWN PIPE		0	$ 60.00	$ -	**$ -**
25	1	EA	12" BAR TRASH RACK		0	$ 400.00	$ -	**$ -**
26	1	EA	12" LINE GATE	$ 6,617.00	0.1	$ 30,000.00	$ 3,000.00	**$ 9,617.00**
27	1065	LF	FENCE REMOVAL(ADD ENGINEER)		500	$ 1.00	$ 500.00	**$ 500.00**
28	1170	LF	FENCE PLACEMENT(ADD ENGINEER)		0	$ 10.00	$ -	**$ -**
29		EA	GATE		0		$ -	**$ -**
30	2	EA	BRASS CAP MONUMENTS		0	$ 1,300.00	$ -	**$ -**
31	18.4	AC	SEEDING		0	$ 2,400.00	$ -	**$ -**
32	3735	LF	WATTLES		0	$ 4.00	$ -	**$ -**
33	3	EA	PERMANENT PIEZOMETER(W/ BOLLARDS)		0	$ 8,000.00	$ -	**$ -**
34	4	EA	SETTLEMENT PLATE		0	$ 1,800.00	$ -	**$ -**
35	1402	LF	TYPE B DIVERSION		0	$ 2.50	$ -	**$ -**
36	1500	LF	DRAIN TILE REMOVAL (ADB ENGINEER)		0	$ 2.60	$ -	**$ -**
37	100	LF	DRAIN TILE PLACEMENT(ADB ENGINEER)		0	$ 10.00	$ -	**$ -**
39	1	LS	QUALITY CNTROL INSPECTION		0.25	$ 6,400.00	$ 1,600.00	**$ 1,600.00**
40	150	SY	GEOTEXTILE FILTER FABRIC		0	$ 10.00	$ -	**$ -**
			TOTAL 27	**$ 78,364.00**			**$ 762,503.50**	**$ 840,867.50**

LETTER AGREEMENT
AMENDMENT #5

Date: July 17th, 2025

This AMENDMENT ("Amendment") shall amend and become a part of the Letter Agreement for Professional Services dated October 22, 2018 between Lower Platte North NRD ("Client") and Olsson, Inc. ("Olsson") providing for professional services for the following Project (the "Agreement"):

PROJECT DESCRIPTION AND LOCATION

Project is located at: Wahoo, NE (Saunders County)

Project Description: Final design dam sites 55, 66, 77, 84, 85, and 86 geotechnical investigation, permitting, survey, ROW legal descriptions, cultural resources investigation, and construction phase services.

SCOPE OF SERVICES – PART II: Sites 55, 66, 77, 84, 85, and 86

Client and Olsson hereby agree that Olsson's Scope of Services under the Agreement is amended by adding the services specifically described below for the additional compensation set forth below:

Preliminary Design, Redesign, and QAQC (Part II)
Additional time was accrued due to significantly greater-than-expected coordination efforts with NRCS and NeDNR, as well as redesign and design alternative considerations for two sites. This included time for engineers to complete 90% designs, QAQC of those designs, submit designs to NeDNR and NRCS, make adjustments based on feedback, complete final submittal, and obtain dam permits. Also included was CAD designer/technician time for drawings and calculations of needed quantities for construction. In addition, alternative design was needed for Site 55 and redesign was needed for Site 77, which included all of the aforementioned tasks as well as geotechnical investigation and analysis.

In addition to the time described above dedicated to coordination, redesign, and design alternative considerations, additional time and effort will be required to complete design and dam permitting for the remaining sites. This accounts both for the original time/effort estimated to complete the work and the additional time/effort due to the now-apparent coordination needs and adjustments following agency feedback. As above, this includes geotechnical analysis and reporting.

Survey and ROW Legal Descriptions (Part II)
Olsson's survey team discovered in preparation of easement-related ROW legal descriptions that the assumed reliability of county GIS data was incorrect. This required significant field time and coordination with the county surveyor to obtain section corners, particularly for sites that had multiple affected landowners and, therefore, easements to be negotiated. This included both field survey and in-office work to create legal descriptions, as well as CAD time to generate supporting documents for appraisals and easement negotiations.

Additional time will be required to complete in-office efforts to create legal descriptions and supporting documents for appraisals and easement negotiations for Sites 66 and 86.

Depletions Calculations and BA (Part II)
At the request of NRCS, Olsson has and will expend additional effort to adjust the biological assessment (BA) for Site 77, due to comments and questions received from the U.S. Fish and Wildlife Service (USFWS).

SCHEDULE FOR OLSSON'S SERVICES

Unless otherwise agreed, Olsson expects to perform its services covered by this Amendment as follows:

Anticipated Design Start Date:	November 5th, 2018
Anticipated Completion Date:	December 31st, 2025 (Design phase services)
Anticipated Construction Start Date:	November 1st, 2024
Anticipated Completion Date:	September 30th, 2026 (Construction phase services)

Olsson will endeavor to start its services on the Anticipated Start Date and to complete its services on the Anticipated Completion Date. However, the Anticipated Start Date, the Anticipated Completion Date, and any milestones are subject to adjustment to account for any delays caused by Client, delays caused by third parties, or delays caused by acts of god or for reasons otherwise mutually agreed upon by Client and Olsson.

COMPENSATION
For the additional Scope of Services specifically set forth in this Amendment, Client shall pay Olsson the following fee in addition to the fee(s) set forth in the Agreement:

Rates used to establish Design and Construction Service fees for future calendar years (2023-2026) in this contract are based on an assumed 4% escalation year over year. Olsson reserves the right to evaluate future calendar year fees in light of inflationary economic trends and coordinate with the Client on fair and reasonable fee adjustments accordingly.

DESIGN & PERMITTING FEE

Client shall pay to Olsson for the performance of the Scope of Services, the actual time of personnel performing such services on an hourly cost basis times a factor of 3.085 for services rendered by our principals and employees engaged directly on the Project, and all actual reimbursable expenses in accordance with Reimbursable Expense Schedule attached to this Agreement. Olsson shall submit invoices on a monthly basis and payment is due within 30 calendar days of invoice date.

Olsson's Scope of Services will be provided on a time and expense basis not to exceed the Part II fee of $1,993,983 (net increase in fee of $399,755).

TERMS AND CONDITIONS OF SERVICE

All provisions of the original Agreement not specifically amended herein shall remain unchanged.

If this Contract Amendment satisfactorily sets forth your understanding of our agreement, please sign in the space provided below. Retain a copy for your files and return an executed original to Olsson. This proposal will be open for acceptance for a period of 30 days from the date set forth above, unless changed by us in writing.

OLSSON, INC.

By _____ By _____
Andrea Adams Andrew M. Phillips

By signing below, you acknowledge that you have full authority to bind Client to the terms of this Amendment. If you accept this Amendment, please sign:

Lower Platte North NRD

By _____
Signature

Printed Name _____

Title _____ Dated: _____

ATTACHMENTS

Exhibit A – Part II Additional Services- Unbilled Time
Exhibit B- Part II Additional Services- Projected Time
Exhibit C- Part II Additional Services- Depletion Calculations and BA

Date: 7/11/25
Proj. #A18-34230

EXHIBIT A: Sites 55, 66, 77, 84, 85, 86 (Part II) - Additional Services (Unbilled Time)

LABOR HOURS

Phase/Task	Description of Work	Student Technician	Associate Technician	Assistant Engineer	Associate Engineer	Senior Engineer	Assistant PM	Group Leader	Senior Engineer	Project Scientist	Assistant Scientist II	Senior Scientist	Associate Surveyor	Senior Technical Mgr.	Total Person-Days	Total Labor Fee	Total Expense Fee	TOTAL FEE
		Water Resources						**Geotechnical**		**Environmental**			**Survey**					
		$ 57.07	$ 84.84	$ 106.49	$ 114.95	$ 167.60	$ 149.48	$ 177.24	$ 163.89	$ 128.29	$ 94.87	$ 182.06	$ 104.89	$ 157.22				
Phase 100 Task 100005	**Project Management** Ongoing coordination of tasks, invoices, progress reports; examination of write-off and coordination with project assurance team						40											
Phase 100 Total		$ -	$ -	$ -	$ -	$ -	$5,979.20	$ -	$ -	$ -	$ -	$ -	$ -	$ -	5.00	$ 5,979.20	0	$ 5,979.20
Phase 110 Task 110002	**Geoetchnical Engineering** Geotechnical analysis/report preparation, coord. w/ WTS team to complete designs							16	16									
Phase 110 Total		$ -	$ -	$ -	$ -	$ -	$ -	$ 2,835.84	$2,622.24	$ -	$ -	$ -	$ -	$ -	4.00	$ 5,458.08		$ 5,458.08
Phase 120/200 Task (multiple)	**Dam Design and Permitting** Ongoing completion of 90% designs, internal QC, and coord. of NeDNR/NRCS submittal; revisions following review; redesign/adjustment efforts due to inconsistency in NRCS feedback	40	144	40	64	104		16										
Phase 120/200 Total		$2,282.80	$12,216.96	$4,259.60	$ 7,356.80	$17,430.40	$ -	$ 2,835.84	$ -	$ -	$ -	$ -	$ -	$ -	51.00	$ 46,382.40		$ 46,382.40
Phase 130 Task 130001-004	**Environmental Permitting** Completion of permitting application, incl. 401 certification, mitigation plan rev., 404 updates, coordination with Corps									16	8	32						
Phase 130 Total		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$2,052.64	$ 758.96	$ 5,825.92	$ -	$ -	7.00	$ 8,637.52		$ 8,637.52
Phase 140/190 Task (multiple)	**Survey & Legal Descriptions - Easements** Completion of field survey and legal descriptions needed to coordinate land acquisitions/easements; incl. coord. between SRV and WTS CAD techs for map preparation	32	24										204	48				
Phase 140/190 Total		$1,826.24	$ 2,036.16	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$21,397.56	$ 7,546.56	38.50	$ 32,806.52		$ 32,806.52
	Totals	$4,109.04	$14,253.12	$4,259.60	$ 7,356.80	$17,430.40	$5,979.20	$ 5,671.68	$2,622.24	$ -	$ -	$ -	$21,397.56	$ 7,546.56				**$ 99,263.72**
																		GRAND TOTAL

Date: 7/11/25
Proj. #A18-34230

EXHIBIT B: Sites 55, 66, 77, 84, 85, 86 (Part II) - Additional Services (Projected Time)

LABOR HOURS

		Water Resources						Geotechnical					Structural (RDB)			Environmental		Survey						
		Student Technician	Associate Technician	Associate Engineer	Senior Engineer	Senior Team Lead	Assistant PM	Group Leader	Senior Team Lead	Student Technician	Associate Engineer	Senior Team Lead	Assistant Engineer	Engineer	Group Leader	Project Scientist	Senior Scientist	Associate Surveyor	Senior Technical Mgr.	Group Leader	Senior Team Leader	Total Person-Days	Total Labor Fee	Total Expense Fee	TOTAL FEE
Phase/Task	**Description of Work**	$ 57.07	$ 84.84	$ 114.95	$ 167.60	$ 259.56	$149.48	$ 177.24	$ 216.54	$ 69.41	$ 112.72	$ 216.54	$ 107.53	$ 140.16	$200.23	$ 128.29	$ 182.06	$ 80.21	$ 157.22	$ 166.12	$ 277.35				
Phase 100 Task 100005	**Project Management** Ongoing coordination of tasks, invoices, progress reports; examination of write-off and coordination with project assurance team for accounting/projections						150																		
Phase 100 Total		0	0	0	0	0	22422	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18.75	$ 22,422.00	$ -	$ 22,422.00
Phase 110 Task 110002	**Geoetchnical Engineering** Geotechnical analysis/report preparation, coord. w/ WTS team to complete designs							130	17		20														
Phase 110 Total		$ -	$ -	$ -	$ -	$ -	$ -	$23,041.20	$3,681.18	$ -	$2,254.40	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	20.88	$ 28,976.78		$ 28,976.78
Phase 120/200 Task (multiple)	**Dam Design and Permitting** Ongoing completion of 90% designs, internal QC, and coord. of NeDNR/NRCS submittal; revisions following review; some redesign/adjustment efforts due to inconsistency in NRCS feedback	720	720	150	270	40		40	8				54	38											
Phase 120/200 Total		$ 41,090.40	$61,084.80	$17,242.50	$45,252.00	$10,382.40	$ -	$ 7,089.60	$1,732.32	$ -	$ -	$ -	$ 5,806.62	$5,326.08	$ -			$ -	$ -	$ -	$ -	259.38	$200,841.12		$ 200,841.12
Phase 130 Task 130001-004	**Environmental Permitting** Completion of permitting application, incl. 401 certification, mitigation plan rev., 404 updates, coordination with Corps															10	25								
Phase 130 Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	$1,282.90	$4,551.50	0	0	0	0	0.00	$ -		$ -
Phase 140/190 Task (multiple)	**Survey & Legal Descriptions - Easements** Completion of field survey and legal descriptions needed to coordinate land acquisitions/easements; incl. coord. between SRV and WTS CAD techs for map preparation	48	12	6.5	4													130	98	35	27				
Phase 140/190 Total		$ 2,739.36	$ 1,018.08	$ 747.18	$ 670.40	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$10,427.30	$15,407.56	$5,814.20	$7,488.45	45.06	$ 44,312.53		$ 44,312.53
Phase 220 Task 001 Task 002	**Depletions Calcs & BA** Depletions Calcs - Report wrap-up BA - QC stream assessment																								
Phase 220 Total		$ -	$ -		$ -	$ -	$ -	$ -	$ -		$ -		$ -	$ -		$1,282.90	$4,551.50			$ -		$ -	$ -		$ -
													$11,132.70			$5,834.40									**$ 296,552.43** **GRAND TOTAL**

Date: 7/11/25
Proj. #A18-34230

EXHIBIT C: Sites 55, 66, 77, 84, 85, 86 (Part II) - Additional Services (Depletion Calculations)

		Environmental					
		Project Scientist	Senior Scientist	Total Person-Days	Total Labor Fee	Total Expense Fee	TOTAL FEE
Phase/Task	**Description of Work**	$ 128.29	$ 182.06				
Phase 220	**Depletions Calcs & BA**						
Task 001	Rework due to USFWS comments	8	16	3.00	$ 3,939.28		$ 3,939.28
Phase 220 Total		$1,026.32	$2,912.96	0.00	$ 3,939.28		$ 3,939.28

Invoice

olsson

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

May 16, 2025
Invoice No: 537617

Invoice Total $2,484.34

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

Olsson Project # A18-34230 Lower Platte North NRD Wahoo Creek Watershed & 7 Dam Sites Phase II

Professional services rendered April 6, 2025 through May 3, 2025 for work completed in accordance with agreement.

Phase 120 Dam Design

Labor

	Hours	**Amount**	
Project Manager	16.00	2,484.34	
Totals	16.00	2,484.34	
Total Labor			**2,484.34**
		Total this Phase	**$2,484.34**

Phase 180 Site 55 Additional Investigation

Total this Phase	**0.00**
AMOUNT DUE THIS INVOICE	**$2,484.34**

Outstanding Invoices

Number	**Date**	**Balance**
535343	4/23/2025	20,803.85
Total		**20,803.85**

Authorized By: Carrie Wiese

INVOICE PAYMENT IS REQUESTED WITHIN 30 DAYS

Invoice

olsson

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

June 16, 2025
Invoice No: 539948

Invoice Total $4,183.34

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

Olsson Project # A18-34230 Lower Platte North NRD Wahoo Creek Watershed & 7 Dam Sites Phase II

Professional services rendered May 4, 2025 through June 7, 2025 for work completed in accordance with agreement.

Phase 120 Dam Design

Labor

	Hours	Amount
CAD Operator	52.50	4,183.34
Totals	52.50	4,183.34
Total Labor		**4,183.34**

Total this Phase $4,183.34

Phase 180 Site 55 Additional Investigation

Total this Phase 0.00

AMOUNT DUE THIS INVOICE $4,183.34

Outstanding Invoices

Number	Date	Balance
537617	5/16/2025	2,484.34
Total		**2,484.34**

Authorized By: Carrie Wiese

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

July 14, 2025
Invoice No: 543594

Invoice Total $3,372.39

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

Olsson Project # A18-34230 Lower Platte North NRD Wahoo Creek Watershed & 7 Dam Sites Phase II

Professional services rendered June 8, 2025 through July 5, 2025 for work completed in accordance with agreement.

Phase 120 Dam Design

Labor

	Hours	Amount
CAD Operator	39.75	3,372.39
Totals	39.75	3,372.39
Total Labor		**3,372.39**

Total this Phase $3,372.39

Phase 180 Site 55 Additional Investigation

Total this Phase 0.00

AMOUNT DUE THIS INVOICE $3,372.39

Outstanding Invoices

Number	Date	Balance
537617	5/16/2025	2,484.34
539948	6/16/2025	4,183.34
Total		**6,667.68**

Authorized By: Carrie Wiese

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

July 24, 2025
Invoice No: 546020

Invoice Total $5,981.63

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

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

Professional services rendered through July 5, 2025 for work completed in accordance with our Agreement dated February 17, 2023.

Phase 100 Real Estate Acquisitions

Labor

	Hours	Amount	
Principal	20.50	5,016.76	
CAD Designer	.25	21.21	
Administrative/Clerical	2.00	143.66	
Totals	22.75	5,181.63	
Total Labor			**5,181.63**

Reimbursable Expenses

Filing Fees		737.00	
Personal Vehicle Mileage		63.00	
Total Reimbursables		**800.00**	**800.00**
	Total this Phase		**$5,981.63**

Billing Limits	**Current**	**Prior**	**To-Date**
Total Billings	5,981.63	179,578.17	185,559.80
Limit			210,000.00
Balance Remaining			24,440.20

AMOUNT DUE THIS INVOICE $5,981.63

Billings to Date

	Current	Prior	Total
Labor	5,181.63	160,446.08	165,627.71
Expense	800.00	18,820.60	19,620.60
Internal Unit	0.00	311.49	311.49
Totals	**5,981.63**	**179,578.17**	**185,559.80**

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

INVOICE PAYMENT IS REQUESTED WITHIN 30 DAYS

Authorized By: Danielle Allen

INVOICE PAYMENT IS REQUESTED WITHIN 30 DAYS

JEO CONSULTING GROUP

Engineering | Architecture | Surveying | Planning

Invoice

July 23, 2025
Project No: R220954.00
Invoice No: 163045
Invoice Amount: 5,030.00

Eric Gottschalk
Lower Platte North NRD
Commercial Park Road
PO Box 126
Wahoo, NE 68066

Project Manager Rebecca Appleford

Project R220954.00 Lower Platte North NRD HMP 2025 Update

Professional Services through July 11, 2025

	Contract Amount	Percent Complete	Billed-to-Date	Previous Billing	Current Billing
Lump Sum Phase(s)					
Project Management	$16,500.00	99%	$16,335.00	$16,335.00	0.00
Public Involvement and Stakeholder Participation	$34,700.00	100%	$34,700.00	$34,700.00	0.00
Data Collection and GIS Mapping	$16,550.00	100%	$16,550.00	$16,550.00	0.00
Develop Hazard Mitigation Plan	$65,750.00	100%	$65,750.00	$65,750.00	0.00
HMP Adoption, Submission, and Approval	$4,000.00	45%	$1,800.00	$1,600.00	$200.00
Threat and Hazard Identification and Risk Assessment	$17,500.00	100%	$17,500.00	$17,500.00	0.00
Drought Risk Assessment and Management	$95,000.00	93%	$88,630.00	$83,800.00	$4,830.00
Total	**$250,000.00**		**$241,265.00**	**$236,235.00**	**$5,030.00**

Total Amount Due Upon Receipt : $5,030.00

Email Invoice: rchapman@lpnnrd.org; jbreunig@lpnnrd.org

Progress Report

LOWER PLATTE NORTH NATURAL RESOURCES DISTRICT
HAZARD MITIGATION PLAN UPDATE

July 23, 2025

JEO Project Number: 220954.00
Project Contact: Becky Appleford, 217-741-0117
Professional Services through July 11, 2025

Below is a progress report for the above referenced project:

1. **Overall project and budget status:**

Overall Project Completion: 97%	Overall Budget Expended: 97%
HMP Completion: 99%	HMP Budget Expended: 102%
THIRA Completion: 100%	THIRA Budget Expended: 100%
Drought Plan Completion: 95%	Drought Plan Budget Expended: 93%

2. **Project activities during current period (thru July 11, 2025)**
   a. Submitted HMP and drought report to NEMA/FEMA on 6/13/2025
   b. Received FEMA RFI #1 for required revisions to HMP on 7/14/2025

3. **Planned project activities for next period (thru August 15, 2025)**
   a. Update HMP to meet required elements/revisions as stated in RFI #1
   b. Complete QAQC of revisions
   c. Prepare documentation and response to RFI #1
   d. Resubmit HMP along with documentation
   e. Notify jurisdictions when the plan is approved
   f. Collect adoption resolutions and submit to State
   g. Discuss drought plan public outreach approach

4. **Information needed from NRD or key stakeholders**
   a. Pass adoption resolution and send to JEO

5. **Project Schedule and Next Meeting(s)**
   a. Waiting for FEMA HMP approval

Lower Platte North NRD
Bills Pending
August 11, 2025

Vendor	Description	Balance
Adam Brockmann	Cell Phone Reimbursement	$ 45.00
Aflac	Employee Benefits	$ 255.12
AWS Well Co. Inc.	Repair Damaged Well at Wanahoo	$ 2,699.99
Baker Enterprises of Nebraska, LLC	Flow Meter Reimbursement	$ 1,000.00
Benes Service	Great Plains Grass Drill	$ 48,100.00
Bobcat of Omaha	Equipment Upkeep	$ 11.35
Bomgaars	Wanahoo/O&M/Equipment/Ed. Bldg.	$ 690.34
Brandon Beethe	Cell Phone Reimbursement	$ 45.00
Brian Kluck	Flow Meter Reimbursement	$ 1,000.00
Bromm, Lindahl Freeman Caddy Lausterer	Retainer/Legal Wahoo Creek	$ 1,859.00
Butler Public Power	Utilities Expense	$ 3,273.31
Century Business Products	Copier Maintenance	$ 49.72
Column Software, PBC	Public Notice	$ 17.39
County Court of Saunders County	Wahoo Creek Permanent Easement	$ 9,000.00
Cuda's Auto, Inc.	Auto and Truck Repairs/Tires	$ 1,274.00
Daryl Andersen	Cell Phone Reimbursement	$ 45.00
DAS State Acctg - Central Finance OCIO	Cell/iPad Cell Service	$ 424.36
David A Moore	Cell Phone Reimbursement	$ 45.00
David City Utilities	Bruno Water Purchase	$ 5,161.38
Department of Revenue	Wanahoo Lodging Tax	$ 895.99
Diode Technologies	Open Path NRD/Ed Bldg.	$ 54.58
Diode Technologies	Data Cabling New Office	$ 33,377.59
Diode Technologies	Wiring in New Office	$ 17,766.61
Diode Technologies	HDMI Hub Board Room and Removal of Old Equipment	$ 6,073.90
Diode Technologies	New Phone for Office and Programing	$ 3,471.50
ECG Corporation	Permanent Easement	$ 4,144.00
Eric Gottschalk	Cell Phone Reimbursement	$ 45.00
Farm Plan	Equipment Upkeep	$ 22.35
Fas-Break Auto Glass Service	Windshield Repairs	$ 280.00
First Edition Printing	Viaduct Printing	$ 6,149.00
FNIC	Insurance New Office Storage Shed	$ 3,941.00
Fremont Sanitation	Garbage Maintenance NRD/Wanahoo	$ 764.09
Gary Ostwald	Wahoo Creek Permanent Easement	$ 42,000.00
Google	Gmail Service	$ 414.00
H&H Trucking	Rock for Wanahoo	$ 1,147.97
HBE LLP	Professional Service Accounting	$ 7,700.00
HDR Engineering Inc.	Cottonwood 21A	$ 2,208.93
Heartland Office Cleaners	August Office Cleaning	$ 525.00
Helm Connected, LLC	Switch/Radios/Post and Surge Protectors	$ 5,194.50
Helm Connected, LLC	Computer Consultant/Software	$ 2,154.96
Hergert Oil	Fuel/Wanahoo/Czechland	$ 3,101.38
Hotsy Equipment Company	Vacuum for Office	$ 1,154.53
Houston Engineering, Inc.	2024 FEMA Repairs Wanahoo	$ 55,196.00
In-Situ, Inc.	Monitoring Wells	$ 3,748.68
Intermedia	Long Distance	$ 166.37
Jacob Maslonka	Cell Phone Reimbursement	$ 45.00

Lower Platte North NRD
Bills Pending
August 11, 2025

Jake Pittman	GDMA Car Rental	$	252.06
Jake Pittman	Cell Phone Reimbursement	$	45.00
Jeffrey Klug	Septic System Upgrade	$	7,364.86
JEO Consulting Group, Inc.	Hazard Mitigation	$	5,030.00
JEO Consulting Group, Inc.	New Office	$	6,881.25
Jill Breunig	Cell Phone Reimbursement	$	45.00
Kaitlyn Bargen	Cell Phone Reimbursement	$	45.00
Karen Rezac	Office Expense	$	13.29
Karen Rezac	Cell Phone Reimbursement	$	45.00
Kim Homes	Ed Building Cleaning	$	300.00
Kimberly Piitz	Mileage Expense	$	35.70
KTIC 840 Rural Radio	Radio Ads	$	248.00
Lacey Sabatka	Cell Phone Reimbursement	$	45.00
Lower Loup Natural Resources District	Salaries NRCS Support	$	26,490.88
Lower Platte So NRD	Fuse Plug Reimbursement	$	14,641.66
Marcy Kallweit	Flow Meter Reimbursement	$	3,000.00
Martin E. Eaton	Flow Meter Reimbursement	$	1,000.00
Midwest Laboratories, Inc	Ground Water Quality	$	709.35
NARD Risk Pool Association	Flexible Benefits	$	669.84
NARD Risk Pool Association	Employee Benefits	$	38,791.76
NDEE	Chemigation	$	45.00
Nebraska Public Health Environmental Lab	Ground Water Quality	$	64.00
Nebraska Public Health Environmental Lab	Ground Water Quality	$	17.00
Nebraska Public Health Environmental Lab	Ground Water Quality	$	48.00
Nebraska Public Health Environmental Lab	Ground Water Quality	$	64.00
Nebraska Water Resources Association	Dues and Membership	$	1,950.00
Olsson Associates	Wahoo Creek Real Estate Acquisitions	$	5,981.63
Olsson Associates	Lake Wanahoo Dam Instrumentation	$	3,616.75
Olsson Associates	Wahoo Creek Watershed & 7 Dam Sites Phase II	$	2,484.34
Olsson Associates	Wahoo Creek Watershed & 7 Dam Sites Phase II	$	4,183.34
Olsson Associates	Wahoo Creek Watershed & 7 Dam Sites Phase II	$	3,372.39
Omnify	Employee Benefits	$	24.00
One Call Concepts, Inc	One Call Expense	$	18.78
OOP Inc	O & M/Wanahoo Chemical	$	266.50
Otte Oil & Propane	Fuel/O & M	$	516.02
Papio-Missouri River NRD	Water Strategies Reimbursement	$	2,300.00
Plunkett's Pest Control	Ed Building	$	92.82
RedThread	Web Site Updates	$	2,500.00
Rick Loseke	Septic System Upgrade	$	6,310.63
Ryan Chapman	Cell Phone Reimbursement	$	45.00
Sam's Club	Office Expense Other	$	184.33
Saunders County Ag Society	Rent Expense	$	100.00
Schutt Electrical and Contracting, LLC	Wanahoo Electrical Upgrade	$	28,072.60
Sean Elliott	Cell Phone Reimbursement	$	45.00
Sean O'Brien	Cell Phone Reimbursement	$	45.00
Sid Dillon Inc.	Colorado Repairs	$	570.24
Simons Home Store	Building Maintenance	$	83.71

Lower Platte North NRD
Bills Pending
August 11, 2025

Superior Door, Inc.	Ed. Building Repair	$	565.13
Sydney Abbott	Cell Phone Reimbursement	$	45.00
Thompson Construction, Inc.	Wahoo Creek	$	77,111.10
Ty's Outdoor Power & Service	Blades for Mowers	$	1,113.98
U.S. Geological Survey	Platte River Cameras	$	5,327.00
U.S. Geological Survey	Stream Flow Wahoo Creek/Shell Creek	$	4,213.00
UBT	Bi-Weekly Payroll and Director Per Diem- 7/18/25	$	69,218.52
UBT	Bi-Weekly Payroll - 8/1/25	$	62,442.16
UBT - VISA	Computers/Ed Outreach/P. Meeting/Wanahoo Rec	$	8,163.64
Union Bank	Bank Fees	$	45.52
Wahoo Auto Parts	Equipment Upkeep/Auto Truck	$	434.13
Wahoo Utilities	New Service to Office	$	34,650.00
Wahoo Utilities	Utilities Expense	$	1,757.90
Wahoo-Waverly-Ashland Newspapers	E-Ads	$	280.00
Wells Fargo Financial Leasing, Inc.	Lease Payment Copier	$	209.00
Grand Total		$	710,969.70

Consent Agenda
August 11, 2025

5.	Approval of Minutes
6.A.3.e.1.	Irrigation and Landscaping Update
6.A.6.b.	Approval Manager Time and Expense Sheets
6.B.3.e.	National Guard Camp Fuse Plug Reimbursement to LPSNRD
6.C.2.a.8.	Cost-Share Program
6.C.3.b.1.	Phase Area Update
6.D.2.b.	SWCP Payments
6.D.3.e.	Cotterell Diking and Drainage District
6.D.4.a.	Shell Creek Implementation – 319 & NET
8.	Authorize General Manager to approve and then treasurer to pay monthly recurring expenses pursuant to April 11, 2011 board policy.