

Projects Committee Meeting
Thursday, April 3, 2025 7:30 AM
Lower Platte North NRD Office
P.O. Box 126
Wahoo, NE 68066

1. UNFINISHED BUSINESS
2. SWCP
 - 2.A. SWCP Application Approvals
 - 2.B. SWCP Payments
 - 2.C. SWCP Cancellations
 - 2.D. Wahoo Creek Cost Share Approvals
3. JOINT WATER MANAGEMENT ADVISORY BOARD (JWMAB)
 - 3.A. East Fremont/Elkhorn Township Drainage - FEMA HMPG
 - 3.B. West Fremont - FEMA BRIC
 - 3.C. Rawhide Creek Watershed - NRCS WFPO
On 2/28/2025, JEO responded back to the State NRCS on their comments to the Final Plan EA.
Discussion on who from the NRD should lead conversations with the City & County on future financial contributions for construction of this project.
 - 3.D. North Bend Drainage District
 - 3.E. Cotterell Diking and Drainage District
4. SHELL CREEK WATERSHED
 - 4.A. Shell Creek Implementation - 319 & NET
SCWIG met on March 17th at the Columbus NRCS office. Items of note that were discussed included: a student tour, purchasing additional polios, planned well & cistern abandonment, 10 septic upgrades approved and waiting for completion, and potential large bank stabilization by Christ Lutheran School in Platte County.

SCWIG is planning another tour in Lincoln for our Volunteer Monitoring Students on April 21st. Our tentative plan is to have it similar to the previous tour in 2023 but exchange our Antelope Creek tour with a USGS stream gauge tour (2023

schedule attached). Once again, support from the NRD is requested to cover lunch for students and sponsors as well as stipends for teachers. Buffet lunch at the East Campus Union is \$14.22 per person and stipend is \$130 for the day. Current NED and/or 319 grant funds can likely cover both costs but are not guaranteed.

SCWIG is also requesting additional polo shirts with SCWIG logos for active volunteer monitoring students. Embroidered polos are approximately \$26.00 each.

Newman Grove has submitted a request for volunteer monitoring testing supplies estimated at \$2,234.95 (attached spreadsheet).

The next SCWIG meeting is scheduled for June 16th with Moria Brown from UNL to present her work regarding bacteria antibiotic resistance in Shell Creek.

Bill Bos submitted paperwork for a completed septic system:

Jeff

| | | |
|---------------------------|---------|------------|
| Johnson Onsite Wastewater | \$6,000 | \$5,974.96 |
|---------------------------|---------|------------|

5. WAHOO CREEK WATERSHED

5.A. WCW Construction

Attached is monthly construction meeting minutes, highlights:

- Weather has caused delays in progress
- Focus of work has been on site 27
 - Plunge pool excavation, rip rap placement/stockpile
 - Shanahan will begin installing sand drains 3/20
 - Shanahan has been battling water flows and could cause more issues later this spring
- Thompson plans on placing pipe supports first of April

Attached is TCI pay invoice #4 and Olsson construction oversight invoice.

5.B. Dam Site Planning Update

5.B.1. Design - Olsson

On 3/21 Olsson submitted applications to DNR for site 84; Permit to Impound water and Dam design approval.

Olsson expects to have site 77 ready for NRCS National Watershed review the first week of May. Site 77 (due to size) is the only site required for national review.

Olsson completed biological assessment for final six sites USCOE 404 permit; currently being reviewed by NRCS, NRD. This permit mirrors the permit approved for the first three sites.

Current invoice for engineering services attached.

5.B.2. Real Estate - Olsson & Great Plains Appraisal

We expect to have site 85 and potentially site 77 (pending mitigation details) by Board meeting.

Discussion on final two site 55 parcels, and Cerv parcel.

Attached are invoices from Great Plains for site 77 & 85 appraisals.

5.B.3. Funding - NRCS WFPO & NeDNR JEDI

Project cost discussion with handouts/attached

5.C. Water Quality - NWQI & 319

6. LOWER PLATTE RIVER CORRIDOR ALLIANCE

At our January Board meeting, a motion was passes to "approve up to a five-year proposal if other agencies agree for continuous water quality and data collection at the Leshara site"

Attached are the final documents and an agreement for Chair Sabatka to sign with the Lower Platte South.

Current plan is to schedule the next meeting in May.

Also attached is our recycled annual joint funding request to USACE for the 'Lower Platte River Restoration and Resiliency, Nebraska - Aquatic Ecosystem Restoration Comprehensive Study - Letter of Intent'. As previously discussed, this study was authroized year ago, but never funded. If this is ever funded, it would be a CORPS led comprehensive flooding study from Columbus to the Plattemouth. The total study is \$3m with half the costs federally funded.

7. MORSE BLUFF LEVEE

8. EROSION AND SEDIMENT RULES AND REGULATIONS

9. HAZARD MITIGATION PLAN UPDATE

The Hazard Mitigation Plan is 82% completed while the drought plan is at 50% completion. JEO has scheduled a meeting for April 17th at 9 am with Emergency Managers to discuss missing worksheets and FEMA delays. Public Review of the Hazard Mitigation Plan is slated for May.

All community meetings for the drought mitigation plan have taken place except for Yutan. JEO plans to have a draft of the drought plan to the LPNNRD on May 16th.

An invoice and progress report is attached.

10. LOESS HILLS RC&D

Attached is a request for 2025 membership dues of \$350 to the Nebraska Loess Hills Resource Conservation & Development Council. Also attached is their 2024 annual report.

11. NEBRASKA BUFFER STRIP PROGRAM

We recieved two applications for NeBSP contracts that have been pre-approved by NE Dept Ag;

| | | | |
|----------------|------|-------|------------|
| Rodney Julesen | 23.2 | 451 | \$5,220.00 |
| Todd Maurer | 12.8 | 25009 | \$3,200.00 |

12. OTHER

13. ADJOURNMENT

Shell Creek Research Group
2025 Order Request
Newman Grove High School

| Description | Item Number | Price | Quantity | Total |
|--------------------|-------------|------------|----------|------------|
| Nitrate Test Kit | 94834 | \$72.50 | 6 | \$435.00 |
| Phosphate Test Kit | 94837 | \$60.25 | 1 | \$60.25 |
| pH Test Kit | 94836 | \$80.25 | 1 | \$80.25 |
| Chest Waders | 94507 | \$104.60 | 1 | \$104.60 |
| Chest Waders | 94510 | \$104.60 | 1 | \$104.60 |
| 1 ml pipettes | 53891 | \$7.95 | 5 | \$39.75 |
| Colorimeter | 94850 | \$1,362.00 | 1 | \$1,362.00 |
| Colorimeter vials | 94851 | \$48.50 | 1 | \$48.50 |
| | | | TOTAL | \$2,234.95 |

CERTIFICATE OF PAYMENT: 004



Date of Issuance: March 21, 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 #4 thru 03-21-2025 | | |
| PLEASE REMIT PAYMENT TO: Thompson Construction 2404 N Lincoln Ave Fremont, NE 68025 | | |

Value of Work Completed This Request: \$ 513,140.50

Original Contract Value: \$ 4,314,772.70
 Approved Change Orders:
 No. 1 _____
 No. 2 _____
 No. 3 _____

Total Contract Value: \$ 4,314,772.70

Value of completed work and materials stored to date \$ 513,140.50
 Less retainage percentage 10% \$ 51,314.05
 Net amount due including this estimate \$ 461,826.45
 Less: Estimates previously approved:

| | | | | | |
|--------|--------------|--------|--------------|--------|--------------|
| No. 1 | \$153,421.65 | No. 2 | \$107,054.10 | No. 3 | \$167,139.00 |
| No. 4 | _____ | No. 5 | _____ | No. 6 | _____ |
| No. 7 | _____ | No. 8 | _____ | No. 9 | _____ |
| No. 10 | _____ | No. 11 | _____ | No. 12 | _____ |

Total Previous Estimates: \$427,614.75

NET AMOUNT DUE THIS ESTIMATE: \$ 34,211.70

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:

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: 3/21/25

| | | | |
|---|--|------------------|-------------------------|
| 1. Original Contract Price: | | \$ | <u>4,314,772.70</u> |
| 2. Net change by Change Orders and Written Amendments (+ or -): | | \$ | <u>-</u> |
| 3. Current Contract Price (1 plus 2): | | \$ | <u>4,314,772.70</u> |
| 4. Total completed and stored to date: | | \$ | <u>513,140.50</u> |
| 5. Percent of Project Completed | <u>11%</u> | | |
| 6. Retainage (per agreement): | | | |
| | <u>10%</u> of completed Work and Stored Materials: | \$ | <u>51,314.05</u> |
| | (10% of the first 50% of work completed & stored) | | |
| | | Total Retainage: | \$ <u>51,314.05</u> |
| 7. Total completed and stored to date less retainage (4 minus 6): | | \$ | <u>461,826.45</u> |
| 8. Less previous Application for Payments: | | \$ | <u>427,614.75</u> |
| 9. DUE THIS APPLICATION (7 MINUS 8): | | \$ | <u>34,211.70</u> |

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: 3/21/25 Thompson Construction

By: 

Payment of the above AMOUNT DUE THIS APPLICATION is recommended.

Dated: _____

By: _____

APPLICATION APPROVED BY:

By: _____

Title: _____

Date: _____

ATTEST:

By: _____

Title: _____

2404 N LINCOLN AVE FREMONT, NE 68025 - PHONE - 402-704-2008 - FAX - 402-704-2009

Owner: LOWER PLATTE NORTH NATURAL RESOURCE DISTRICT

Date: 21-Mar-25

Project: WAHOO CREEK WATERSHED

TOTAL STORED: \$ 37,116.00

DAM STRUCTURES 26A, 26B, AND 27

TOTAL COMPLETED: \$ 476,024.50

Estimate No.: 4

Contractor: THOMPSON CONSTRUCTION INC

TOTAL PLUS STORED: \$ 513,140.50

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 | | 8 | \$ 2,900.00 | \$ 23,200.00 | \$ 23,200.00 |
| 7 | 86720 | CY | EARTHWORK FILL (AT1.2 COMPACTION) | | 0 | \$ 3.90 | \$ - | \$ - |
| 8 | 13543 | CY | EARTHWORK CUT AND SPOIL | | 0 | \$ 4.00 | \$ - | \$ - |
| 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 = 344.5 TONS @\$72.00 / TON | \$ 24,804.00 | 0 | \$ 90.00 | \$ - | \$ 24,804.00 |
| 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 | | 0 | \$ 550.00 | \$ - | \$ - |
| 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 | | 0 | \$ 2.50 | \$ - | \$ - |
| 20 | 1 | LS | METAL FABRICATION | | 0 | \$ 11,000.00 | \$ - | \$ - |
| 21 | 3 | EA | SHEETPILE HEADWALL | | 0 | \$ 1,700.00 | \$ - | \$ - |
| 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 | | 0 | \$ 30,000.00 | \$ - | \$ - |
| 27 | 2300 | LF | FENCE REMOVAL(ADB ENGINEER) | | 0 | \$ 1.00 | \$ - | \$ - |
| 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 | | \$ 24,804.00 | \$ 58,025.00 | \$ 82,829.00 |

| 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 | | 0 | \$ 550.00 | \$ - | \$ - |
| 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 | | 0 | \$ 2.50 | \$ - | \$ - |
| 20 | 1 | LS | METAL FABRICATION | | 0 | \$ 11,000.00 | \$ - | \$ - |
| 21 | 3 | EA | SHEETPILE HEADWALL | | 0 | \$ 1,700.00 | \$ - | \$ - |
| 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 | | 0 | \$ 30,000.00 | \$ - | \$ - |
| 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 | | | | \$ | - | | \$ 50,200.00 | \$ 50,200.00 |

| ITEM NO. | QTY | UNIT | DESCRIPTION | MATERIAL STORED | QTY TO DATE | UNIT PRICE | TOTAL | TOTAL PLUS STORED MATERIAL |
|-----------------|-------|------|--|--------------------|-------------|--------------|----------------------|----------------------------|
| SITE 27 | | | | | | | | |
| 1 | 1 | LS | MOBILIZATION | | 0.6 | \$ 80,000.00 | \$ 48,000.00 | \$ 48,000.00 |
| 2 | 1 | LS | CONSTRUCTION STAKING | | 0.15 | \$ 12,000.00 | \$ 1,800.00 | \$ 1,800.00 |
| 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) | | 5455 | \$ 3.90 | \$ 21,274.50 | \$ 21,274.50 |
| 8 | 9265 | CY | EARTHWORK CUT AND SPOIL | | 5500 | \$ 4.00 | \$ 22,000.00 | \$ 22,000.00 |
| 9 | 990 | TN | AGGREGATE 47B FINE | | 0 | \$ 34.00 | \$ - | \$ - |
| 10 | 4 | TN | 1" WASHED AGGREGATE | | 0 | \$ 105.00 | \$ - | \$ - |
| 11 | 210 | TN | C33 #8 AGGREGATE | | 0 | \$ 55.00 | \$ - | \$ - |
| 12 | 7829 | TN | CLASS B RIP RAP - STORED = 171 TONS @ \$72 / TON | \$ 12,312.00 | 2317 | \$ 90.00 | \$ 208,530.00 | \$ 220,842.00 |
| 13 | 788 | TN | 3" CRUSHED AGGREGATE | | 201 | \$ 45.00 | \$ 9,045.00 | \$ 9,045.00 |
| 14 | 964 | LF | 6" PERFORATED DUAL WALL PVC | | 0 | \$ 23.00 | \$ - | \$ - |
| 15 | 90 | LF | 8" GALVANIZED STEEL PIPE | | 0 | \$ 25.00 | \$ - | \$ - |
| 16 | 175 | LF | 24" RCPP PRINCIPAL SPILLWAY | | 0 | \$ 550.00 | \$ - | \$ - |
| 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 | 4465 | LB | REINFORCING STEEL | | 0 | \$ 2.50 | \$ - | \$ - |
| 20 | 1 | LS | METAL FABRICATION | | 0 | \$ 11,000.00 | \$ - | \$ - |
| 21 | 3 | EA | SHEETPILE HEADWALL | | 0 | \$ 1,700.00 | \$ - | \$ - |
| 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 | | 0 | \$ 30,000.00 | \$ - | \$ - |
| 27 | 1065 | LF | FENCE REMOVAL(ADB ENGINEER) | | 500 | \$ 1.00 | \$ 500.00 | \$ 500.00 |
| 28 | 1170 | LF | FENCE PLACEMENT(ADB 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 | \$ 6,400.00 | \$ - | \$ - |
| 40 | 150 | SY | GEOTEXTILE FILTER FABRIC | | 0 | \$ 10.00 | \$ - | \$ - |
| TOTAL 27 | | | | \$12,312.00 | | | \$ 367,799.50 | \$ 380,111.50 |

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

March 25th, 09:00 AM, Next meeting=> April 29th, 09:00 AM

1. Project Schedule & Phasing

- a. Work completed since last meeting
 - i. Type B Riprap and 3" Crushed Aggregate hauled and stockpiled (Site 27)
 - ii. Continued excavation for the plunge pool (Site 27)
 - iii. Started installation of Type B Riprap and 3" Crushed Aggregate into the plunge pool (Site 27)
 - iv. Started core trench excavation (Site 27)
 - v. Pipe supports constructed. (Site 26B)
- b. Work planned for the month (contractor update)
 - i. **Install pipe supports (Site 27)**
 - ii. **Install foundation drain (Site 27)**
 - iii. **Haul Type B Riprap (Site 26A & 27)**

2. Coordination with others

a.

3. Progress Payments

- a. Pay application #4 (work through 03/21/25) is available for review by LPNNRD
- b. Need to be submitted to Olsson by April 25th

4. Change Orders/WCD

- a. Work Change Directive #1 available for review by LPNNRD (2-24-25)
- b. Work Change Directive #2 available for review by LPNNRD (2-24-25)
- c. Change Order #1 available for review by LPNNRD (2-24-25)
- d. **Change Order #1 was approved at the last LPNNRD meeting on 03/10/25. They will be available for review and signature by Thompson Construction.**

5. Contractor Action Items

- a. Pipe Submittals
 - i. ~~24" RCPP – Approved and returned by Olsson on 02/06/25.~~
 - ii. ~~Inlet Piping – Approved and returned by Olsson on 02/11/25.~~
 - iii. ~~Drainage Pipe & Geotextile – Approved and returned by Olsson on 02/11/25.~~
 - iv. 12" Line Gate and Wall Thimbles – Approved and returned by Olsson on 02/28/25.
- b. Steel Submittals
 - i. ~~Metal Fabrication – Approved and returned by Olsson on 02/04/25.~~
 - ii. Sheet Pile – Reviewed and returned for resubmittal by Olsson on 02/28/25.
 - iii. Pipe supports for all sites will be built in house by Thompson Construction to ensure stable conditions.
- c. Waterstop – Approved and returned by Olsson on 03/21/25.
- d. Valve Actuator – Approved and returned by Olsson on 02/28/25.
- e. 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.

6. LPNDR Action Items

- a. ~~Review and sign work orders (01 and 02) and change order (01).~~
- b. Return a signed copy of the change order (01) to Olsson

7. Olsson Action Items

- a. Wrap up the layout for the pipe supports on the principal spillway.
- b. Direct the signed copy of Change Order #1 and Work Change Directive #1 and #2 to Thompson Construction for signature.
- c. Provide Thompson Construction and Hazard Engineering with CAD files that have the full alignment sets and line work.

8. Attendees:

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

Invoice



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

March 14, 2025
Invoice No: 529699

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

Invoice Total \$14,708.19

Olsson Project # B18-34230 Lower Platte North NRD Wahoo Creek Watershed & 3 Dam Sites

Professional services rendered from February 1, 2025 through March 8, 2025 for work completed in accordance with agreement.

Phase 070 Construction Oversight

Labor

| | Hours | Amount | |
|-------------------------|--------------|---------------|------------------|
| Principal | 11.75 | 2,474.67 | |
| Project Manager | 11.25 | 1,885.50 | |
| Project Professional | 7.50 | 1,002.25 | |
| Assistant Professional | 2.50 | 287.38 | |
| CAD Operator | 5.00 | 424.20 | |
| Construction Services | 76.75 | 7,855.36 | |
| Administrative/Clerical | .75 | 59.58 | |
| Totals | 115.50 | 13,988.94 | |
| Total Labor | | | 13,988.94 |

Unit Billing

| | | | |
|--------------------|--------------------|---------------|---------------|
| Field Vehicle 1388 | 302.0 Miles @ 0.75 | 226.50 | |
| Field Vehicle 1536 | 657.0 Miles @ 0.75 | 492.75 | |
| Total Units | | 719.25 | 719.25 |

Total this Phase \$14,708.19

Billing Limits

| | Current | Prior | To-Date |
|-------------------|----------------|--------------|----------------|
| Total Billings | 14,708.19 | 24,801.60 | 39,509.79 |
| Limit | | | 161,857.42 |
| Balance Remaining | | | 122,347.63 |

AMOUNT DUE THIS INVOICE \$14,708.19

Outstanding Invoices

| Number | Date | Balance |
|---------------|-------------|------------------|
| 526664 | 2/18/2025 | 24,801.60 |
| Total | | 24,801.60 |

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

Please include our invoice number(s) with your payment.

By Check: Make check payment to Olsson Inc and mail to PO Box 84608, Lincoln, NE 68501-4608

By Electronic / ACH Payment: When transferring funds, please reference the invoice number(s), Account Name Olsson Inc; Pinnacle Bank Account No. 254316; Routing (ABA) No. 104913912, Remittance Email Address: deposits@olsson.com

Questions: Contact us at (402) 458-5062 or accountsreceivable@olsson.com

Authorized By: Brian Jueneman

INVOICE PAYMENT IS REQUESTED WITHIN 30 DAYS

LPNNRD - Wahoo Creek Dam Sites 26A, 26B, 27

Construction Phase Services

Progress Report No.

002

Date of Invoice

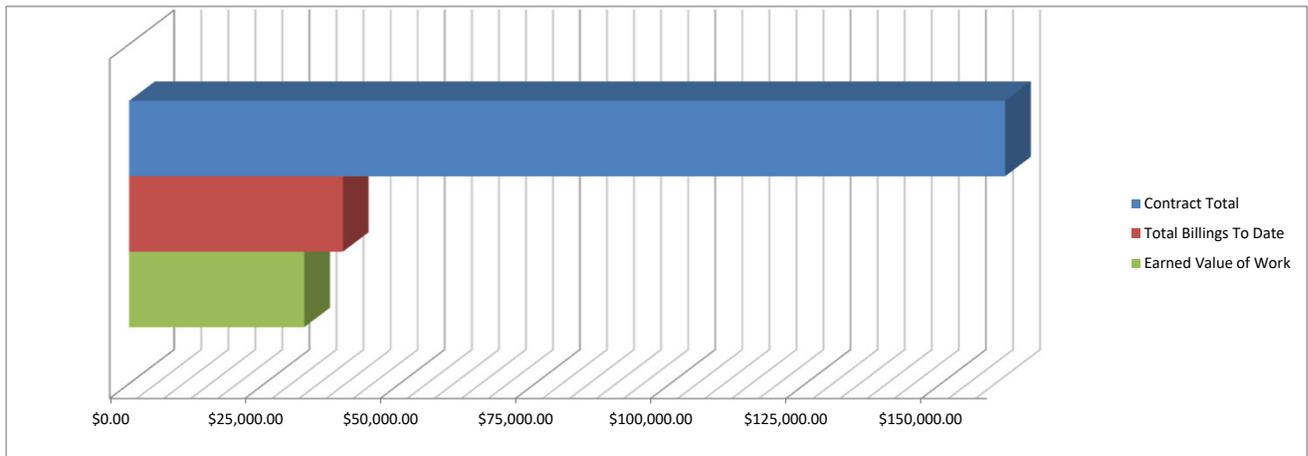
03/14/2025

Invoice Number

529699

Olsson # B18-34230

| Project Phase/Task | Estimated Cost | Prior Billings | Billings This Invoice | Total Billings To Date | Project Manager Estimated Percent Complete | Earned Value of Work Completed |
|--|---------------------|--------------------|-----------------------|------------------------|--|--------------------------------|
| Construction Management and Inspection | \$161,857.42 | \$24,801.60 | \$14,708.19 | \$39,509.79 | 20.00% | \$32,371.48 |
| | | | | | | \$0.00 |
| | | | | | | \$0.00 |
| | | | | | | \$0.00 |
| | | | | | | \$0.00 |
| | | | | | | \$0.00 |
| | | | | | | \$0.00 |
| | | | | | | \$0.00 |
| Totals | \$161,857.42 | \$24,801.60 | \$14,708.19 | \$39,509.79 | 20.00% | \$32,371.48 |



Description of Work Completed This Period

Project and Construction Management - Progress meetings, invoices/progress reports, submittal review and management, change orders
 Construction Inspection and Testing - Site visits, contractor coordination, materials testing, project documentation
 Construction Engineering Support - Progress meetings, site visits, piezometer and settlement plate coordination
 Construction Phase Survey (QA and As-built) - None
 Expenses - Vehicle mileage, laboratory testing

Anticipated Work Next Period

Project and Construction Management - Progress meetings, invoices/progress reports, submittal review and management, change orders
 Construction Inspection and Testing - Site visits, contractor coordination, materials testing, project documentation
 Construction Engineering Support - Progress meetings, site visits, piezometer and settlement plate coordination
 Construction Phase Survey (QA and As-built) - None
 Expenses - Vehicle mileage, laboratory testing

Information/Decisions Needed from LPNNRD

None -

Summary of Potential Out of Scope Work/Current Project Issues

Contract estimated duration vs. actual construction schedule (Pending amendment)

Invoice



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

March 18, 2025
Invoice No: 530003

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

Invoice Total \$26,233.97

Olsson Project # A18-34230 Lower Platte North NRD Wahoo Creek Watershed & 7 Dam Sites
Phase II

Professional services rendered February 2, 2025 through March 8, 2025 for work completed in accordance with agreement.

| | | | | |
|--------------|-----|---|-------------------------|-------------------|
| Phase | 100 | Sites 55 66 77 82 84 85 86 Project Management | | |
| Labor | | | | |
| | | | Hours | Amount |
| | | Project Manager | 15.50 | 2,316.94 |
| | | Totals | 15.50 | 2,316.94 |
| | | Total Labor | | 2,316.94 |
| | | | Total this Phase | \$2,316.94 |

| | | | | |
|------------------------------|-----|----------------------------|-------------------------|--------------------|
| Phase | 120 | Dam Design | | |
| Labor | | | | |
| | | | Hours | Amount |
| | | CAD Operator | 162.00 | 11,501.65 |
| | | Totals | 162.00 | 11,501.65 |
| | | Total Labor | | 11,501.65 |
| Reimbursable Expenses | | | | |
| | | Filing Fees | | 275.00 |
| | | Total Reimbursables | | 275.00 |
| | | | Total this Phase | \$11,776.65 |

| | | | | |
|--------------|-----|------------------------|--------------|-----------------|
| Phase | 130 | Permitting | | |
| Labor | | | | |
| | | | Hours | Amount |
| | | Project Manager | 22.75 | 4,141.87 |
| | | Assistant Professional | 5.00 | 480.95 |
| | | Totals | 27.75 | 4,622.82 |
| | | Total Labor | | 4,622.82 |

INVOICE PAYMENT IS REQUESTED WITHIN 30 DAYS

Total this Phase \$4,622.82

Phase 180 Site 55 Additional Investigation

Labor

| | Hours | Amount |
|------------------------|--------------|-----------------|
| Principal | 2.25 | 487.22 |
| Project Manager | 18.00 | 2,950.02 |
| Assistant Professional | 1.50 | 169.08 |
| Totals | 21.75 | 3,606.32 |
| Total Labor | | 3,606.32 |

Total this Phase \$3,606.32

Phase 220 Depletions Cals and BA

Labor

| | Hours | Amount |
|------------------------|--------------|-----------------|
| Project Manager | 2.25 | 409.64 |
| Project Professional | 8.75 | 1,122.54 |
| Assistant Professional | 24.75 | 2,379.06 |
| Totals | 35.75 | 3,911.24 |
| Total Labor | | 3,911.24 |

Total this Phase \$3,911.24

AMOUNT DUE THIS INVOICE \$26,233.97

Outstanding Invoices

| Number | Date | Balance |
|---------------|-------------|------------------|
| 528244 | 2/19/2025 | 43,902.20 |
| Total | | 43,902.20 |

Authorized By: Carrie Wiese

INVOICE PAYMENT IS REQUESTED WITHIN 30 DAYS

Great Plains Appraisal, Inc.

PO Box 6415

Lincoln, NE 68506

+14024163477

INVOICE

INVOICE # 23C065A

DATE 04/10/2025

DUE DATE 05/10/2025

TERMS Net 30

BILL TO

Mr. Eric Gottschalk

Lower Platte North NRD

511 Commercial Park Road

Wahoo, NE 68066-0126

PLEASE DETACH TOP PORTION AND RETURN WITH YOUR PAYMENT.

| DESCRIPTION | AMOUNT |
|---|-----------|
| Wahoo Watershed - Site 77 - Final Billing | 10,500.00 |

A 3% convenience fee will apply when making payment by credit card.

BALANCE DUE

\$10,500.00

INTEREST AT THE RATE OF 1.33% PER MONTH WILL BE CHARGED
ON ALL ACCOUNTS MORE THAN 30 DAYS PAST DUE

Great Plains Appraisal, Inc.

PO Box 6415

Lincoln, NE 68506

+14024163477

INVOICE

INVOICE # 23C0068A

DATE 04/09/2025

DUE DATE 05/09/2025

TERMS Net 30

BILL TO

Mr. Eric Gottschalk

Lower Platte North NRD

511 Commercial Park Road

Wahoo, NE 68066-0126

PLEASE DETACH TOP PORTION AND RETURN WITH YOUR PAYMENT.

DESCRIPTION

AMOUNT

Wahoo Watershed Site 85 - Final Billing

2,100.00

A 3% convenience fee will apply when making
payment by credit card.

BALANCE DUE

\$2,100.00

INTEREST AT THE RATE OF 1.33% PER MONTH WILL BE CHARGED
ON ALL ACCOUNTS MORE THAN 30 DAYS PAST DUE

DRAFT - Upper Wahoo Creek Watershed Flood Reduction Structures - Developed for 4/3/2025 projects committee meeting - DRAFT

| Structure | Estimated* | Actual | Difference | Projected** |
|---|-------------------|------------------|-------------|-------------------|
| 26a | 1,142,900 | 1,890,159 | 165% | |
| 26b | 1,498,000 | 1,710,250 | 114% | |
| 27 | 1,543,700 | 2,404,118 | 156% | |
| 55 | 1,626,400 | | | 1,987,525 |
| 66 | 1,840,500 | | | 2,836,943 |
| 77 | 5,338,400 | | | 8,230,135 |
| 82 | 1,841,400 | 0 | | |
| 84 | 2,178,700 | | | 2,353,834 |
| 85 | 1,455,400 | | | 2,298,331 |
| 86 | 1,202,200 | | | 1,875,123 |
| Total | 19,667,600 | 6,004,528 | 145% | 19,581,891 |
| Estimated Total for All Structures | | | | 25,586,419 |

DRAFT - Upper Wahoo Creek Watershed Flood Reduction Structures - Developed for 4/3/2025 projects committee meeting - DRAFT

* Price base: 2020

Structure 82 was deprioritized

** Construction average of 180% over 2020 estimate based on first three structures

** Engineering average of 140% over 2020 estimate based on first three structures

** Property Rights average of 137% over 2020 estimate based on 5 structures

DRAFT - Upper Wahoo Creek Watershed Flood Reduction Structures - Developed for 4/3/2025 projects committee meeting - DRAFT

| Contractual Obligations: | | Spent | Remaining | as of | Notes |
|---------------------------------|--|------------------|------------------|--------------|--------------|
| 731,394 | Engineering for first 3 dam sites - Olsson | 595,433 | 135,961 | 2/1/2025 | |
| 2,189,018 | Watershed & Engineering for last 7 dam sites - Olsson | 1,525,456 | 663,562 | 2/1/2025 | |
| 210,000 | Real Estate Services for all structures - Olsson | 135,077 | 74,923 | 2/17/2025 | |
| 126,000 | Appraisals for all structures - Great Plains Real Estate | 98,500 | 27,500 | 2/9/2025 | |
| 161,857 | Construction Oversight first 3 structures - Olsson | 24,802 | 137,056 | 2/1/2025 | |
| 4,339,047 | Construction of first 3 structures - TCI | 427,615 | 3,911,432 | 2/21/2025 | |
| 7,757,316 | TOTAL | 2,806,883 | 4,950,434 | | |

DRAFT - Upper Wahoo Creek Watershed Flood Reduction Structures - Developed for 4/3/2025 projects committee meeting - DRAFT

| Funding: | | Spent | Remaining | as of | End Date | Notes |
|----------------------|---|------------------|-------------------|--------------|-----------------|--|
| N/A | LPNNRD Local funds | 218,890 | N/A | 3/24/2025 | | Match funds for WSF and permitting before JEDI grant covered these costs |
| 2,269,194 | Water Sustainability State funds | 206,567 | 0 | 4/9/2022 | returned | Turned back as they could not be used in conjunction with JEDI funds |
| 19,667,600 | JEDI State Funds | 3,130,078 | 16,537,522 | 3/10/2025 | 12/31/2029 | LB406 |
| 2,157,935 | WFPO NRCS Federal Design funds | 1,927,538 | 0 | 9/30/2024 | 9/30/2024 | Included \$10,525 of "Personnel" time (staff time reimbursement) |
| 1,350,000 | RCPP->WFPO NRCS Federal Construction funds for first 3 structures | 0 | 1,350,000 | 3/24/2025 | 12/15/2025 | Must be used at the end or in proportion with JEDI funds |
| N/A | WFPO NRCS Federal Construction Funds for last 6 structures | | | | | Cannot apply until land rights and permitting are completed |
| 23,175,535 | TOTAL | 5,483,073 | 17,887,522 | | | |

DRAFT - Upper Wahoo Creek Watershed Flood Reduction Structures - Developed for 4/3/2025 projects committee meeting - DRAFT

JOINT FUNDING AGREEMENT

For

REAL-TIME CONTINUOUS WATER QUALITY MONITORING

in the LOWER PLATTE RIVER AT LESHARA

The “JOINT FUNDING AGREEMENT for REAL-TIME CONTINUOUS WATER QUALITY MONITORING in the PLATTE RIVER AT LESHARA” (hereinafter referred to as “the Agreement”) to be executed by and among the Lower Platte South Natural Resources District, on behalf of the Lower Platte River Corridor Alliance and Lower Platte North Natural Resources District (herein after referred to as “the Partners”).

The Partners agree as follows.

Scope of work

Real-time continuous water quality monitoring data will be collected by USGS personnel and equipment in the Platte River near Leshara. Water quality data to be collected include temperature, turbidity, dissolved oxygen, specific conductance, nitrate/nitrite and others as available. Data will be displayed in real-time over the internet. The data is anticipated to be collected generally from March through October in 2025, 2026, 2027, 2028 and 2029.

Funding

The Lower Platte South Natural Resources District, on behalf of the Lower Platte River Corridor Alliance, will hold and disburse funds from all Partners as needed for this study. Lower Platte North Natural Resources District will provide \$8,000.00 in 2025 (FY26), \$6,400.00 in 2026 (FY27), \$6,400.00 in 2027 (FY28), \$6,400.00 in 2028 (FY29), and \$5,000.00 in 2029 (FY30) for a total of \$32,200 for the five-year agreement. The Lower Platte River Corridor Alliance will pay the balance of the annual fee for the monitoring agreement (four other partners paying equal amounts).

Effective date

The agreement shall become effective upon execution by all parties.

Duration of agreement

The agreement shall run through the end of the calendar year 2029 when all required funds have been received and data collection completed.

This Agreement is hereby approved and executed by the following parties on the dates shown below.



Mike Sousek, General Manager LPSNRD

27 Mar 25

DATE

Ryan Sabatka, LPNNRD Chair

DATE

Leshara Steamgaze.

COPY

| | |
|------------------|--------------|
| Agreement No. | 22NRJFA00360 |
| Modification No. | 001 |
| Customer No. | 6000000121 |
| Cost Center | GGEMNR0000 |
| Project | NR00GS1 |
| TIN | 47-0542969 |

DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY
 SUPPLEMENTAL JOINT FUNDING AGREEMENT FOR WATER RESOURCES INVESTIGATIONS

THE GEOLOGICAL SURVEY, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the **LOWER PLATTE SOUTH NATURAL RESOURCES DISTRICT**, party of the second part, hereby agree to amend the Joint Funding Agreement No. **22NRJFA00360** dated April 1, 2022 as follows:

Paragraph 2(a) is hereby **increased by \$59,200** to read as follows:

- (a) \$89,600 by the party of the first part during the period April 1, 2022 to June 30, 2030

Paragraph 2(b) is hereby **increased by \$161,000** to read as follows:

- (b) \$241,400 by the party of the second part during the period April 1, 2022 to June 30, 2030

Billing for this agreement will be rendered **quarterly**. Payments of bills are due within 60 days after billing date. If not paid by the due date, interest will be charged at the current Treasury rate for each 30-day period, or portion thereof, that the payment is delayed beyond the due date. (31 USC 3717; Comptroller General File B-212222, August 23, 1983.)

Geological Survey
 UNITED STATES
 DEPARTMENT OF THE INTERIOR

LOWER PLATTE SOUTH NRD

By CASEY LEE
Digitally signed by CASEY LEE
 Date: 2025.03.05 16:00:17 -06'00'
 Casey Lee, Director
 Nebraska Water Science Center
 Date _____

By 
 Date 27 Mar 25

USGS Water Quality Gages on the Platte River near Leshara, Nebraska

USGS – Central Plains Water Science Center

Lincoln, Nebraska

Proposed 5-year extension to the Leshara USGS-LPRCA Agreement

February 21, 2025

POC: Matt Moser

The USGS Nebraska Water Science Center, in addition to several cooperators, are interested in extending the joint agreement for continuous water quality monitoring at the Platte River near Leshara gage. Beginning in April 2016 a continuous water quality monitor was deployed in the Platte River near Leshara to help get additional water quality information in the upper portions of the Lower Platte River. Parameters monitored include water temperature, specific conductance, turbidity, dissolved oxygen, and nitrate. Data is collected seasonally during ice free periods, and the site is operated similarly to other USGS-Lower Platte River monitoring sites.

Water quality information collected at this site helps:

- Monitoring in support of the Lower Platte River's Water Quality Management Plan.
- Potential to identify the water-quality impacts from management and land use changes in the contributing basin as well as to provide a baseline for future comparisons.
- Assessing the stream health for fisheries.
- Better characterization of nitrate concentration in the drinking water source of many Nebraskans.
- Inform those who use the river for recreating of potential water quality risks.
- Development of surrogate estimates to help better quantify loads of non-monitored parameters.
- Assess the stream health for both immediate concentrations and loads heading downstream.
- Understand nitrate concentrations above the shallow aquifers used for drinking water.
- Assessment by the USGS to determine continuous water quality trends in the lower Platte River.

The water quality gage at the Platte River Leshara has been a multi-cooperative agreement.

Funds have been contributed by Lower Platte South NRD, Lower Platte North NRD, Papio-Missouri NRD, Lincoln Water Systems, M.U.D, and USGS

For the 2025-2029 data collection, the USGS would contribute 30% of the total project cost, with Papio-M NRD, LPS NRD, LPN NRD, LWS, and M.U.D split the remaining funds.

The current agreement expires on June 30, 2025, with 2024 being the last year of data collection. A proposed extension to this agreement would start June 30, 2025, and go to June 30, 2030, and cover data collection and approval for the 2025-2029 calendar years. Funding below assumes that all parties would still be interested in operating the gage with the same scope for an additional three years beyond the 2024 data collection year.

The following is a **proposed** billing for each partner's use based on State year. The three-year average cost to monitor would be \$6,440 per year. Actual billed amounts may vary depending on direct JFAs between each partner and LPS NRD, who acts as the chair for the LPRCA.

| <u>State Year</u> | <u>Annual Amount per Agency</u> |
|------------------------------|---------------------------------|
| <u>7/1/2025 to 6/30/2026</u> | \$8,000 |
| <u>7/1/2026 to 6/30/2027</u> | \$6,400 |
| <u>7/1/2027 to 6/30/2028</u> | \$6,400 |
| <u>7/1/2028 to 6/30/2029</u> | \$6,400 |
| <u>7/1/2029 to 6/30/2030</u> | \$5,000 |
| 5-year average | \$6,440 |

For questions or additional information, contact Matt Moser, (402)328-4184 mmoser@usgs.gov

An extended financial breakdown with expected billing dates per agency:

| Agreement # 22NRJFA00360 | | 5-year | | Platte River at Leshara, Nebr. | | | | |
|---------------------------------|---------------|----------------------------|--------------------|---------------------------------------|-----------------|-----------------|-----------------|-----------------|
| Billing Date | Amount | Federal Fiscal Year | Papio-M NRD | LPS NRD | LPN NRD | M.U.D. | L.W.S | USGS |
| 6/30/2025 | \$16,000 | FY25 | \$2,400 | \$2,400 | \$2,400 | \$2,400 | \$2,400 | \$4,000 |
| 8/31/2025 | \$16,000 | FY25 | \$2,400 | \$2,400 | \$2,400 | \$2,400 | \$2,400 | \$4,000 |
| 12/31/2025 | \$11,000 | FY26 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$3,000 |
| 3/31/2026 | \$11,000 | FY26 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$3,000 |
| 6/30/2026 | \$11,000 | FY26 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$3,000 |
| 8/31/2026 | \$11,000 | FY26 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$3,000 |
| 12/31/2026 | \$11,000 | FY27 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$3,000 |
| 3/31/2027 | \$11,000 | FY27 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$3,000 |
| 6/30/2027 | \$11,000 | FY27 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$3,000 |
| 8/31/2027 | \$11,000 | FY27 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$3,000 |
| 12/31/2027 | \$11,000 | FY28 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$3,000 |
| 3/31/2028 | \$11,000 | FY28 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$3,000 |
| 6/30/2028 | \$11,000 | FY28 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$3,000 |
| 8/31/2028 | \$11,000 | FY28 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$3,000 |
| 12/31/2028 | \$11,000 | FY29 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$3,000 |
| 3/31/2029 | \$11,000 | FY29 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$3,000 |
| 6/30/2029 | \$11,000 | FY29 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$3,000 |
| 8/31/2029 | \$11,000 | FY29 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$1,600 | \$3,000 |
| 12/31/2029 | \$6,100 | FY30 | \$900 | \$900 | \$900 | \$900 | \$900 | \$1,600 |
| 3/30/2030 | \$6,100 | FY30 | \$900 | \$900 | \$900 | \$900 | \$900 | \$1,600 |
| Billing Date | | | \$32,200 | \$32,200 | \$32,200 | \$32,200 | \$32,200 | \$59,200 |

With a five-year data collection effort, this proposed agreement would have a project completion date of 6/30/2030.



LOWER PLATTE SOUTH natural resources district

3125 Portia Street | P.O. Box 83581 • Lincoln, Nebraska 68501-3581
P: 402.476.2729 • F: 402.476.6454 | www.lpsnrd.org

March 7, 2025

Colonel Robert J. Newbauer, District Commander
United States Army Corps of Engineers, Omaha District
1616 Capitol Ave.
Omaha, NE 68102-4901

RE: Lower Platte River Restoration and Resiliency, Nebraska – Aquatic Ecosystem Restoration Comprehensive Study – Letter of Intent.

Dear Colonel Newbauer:

A comprehensive study is needed to better assess degraded habitats, reducing flood risks, and improving flood resiliency in the Lower Platte River Watershed.

The Lower Platte River is a unique large river system that is home to three federally threatened and endangered species and several additional species of concern. The Lower Platte experienced record flooding in 2019 that caused extensive damage to property, transportation corridors, and water and wastewater infrastructure. Increasing population and changes in land use in the watershed along the Lower Platte River pose significant challenges to preserve high quality habitat and maintain reliable water supply for over 50 percent of the State's population.

The 24 communities and 8 counties within the Lower Platte River Corridor constitute the area of the State with the largest sustained population growth, the area also includes rural and socioeconomically disadvantaged communities. Demand for high quality natural habitat areas is on the rise as is the desire to have nature-based recreational opportunities, and the Lower Platte corridor is readily positioned to serve that need. A project that restores natural habitats and addresses flood risks through working with nature to restore and expand the quantity, quality, and diversity of riverine, wetland, and riparian habitats would increase climate resiliency and infrastructure reliability for this region of the state.

The Lower Platte River Corridor Alliance (LPRCA) continues to work collaboratively to address these issues but additional study is needed to integrate data to identify projects that can be conducted across the watershed to restore degraded habitat, reduce flood risks, improve flood resiliency, and provide immediate and multiple benefits to the watershed.

The Lower Platte South NRD, on behalf of the Lower Platte River Corridor Alliance stands ready and able to serve as the local sponsor for this comprehensive study currently estimated to cost \$3,000,000.

Sincerely,



Michael Sousek
General Manager

cc: John Winkler, General Manager – Papio-Missouri River NRD
Eric Gottschalk, General Manager – Lower Platte North NRD

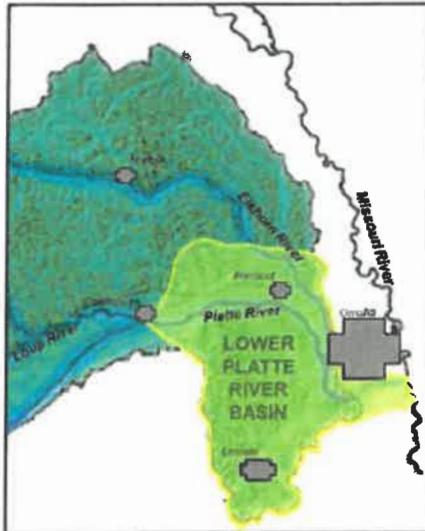


**US Army Corps
of Engineers**
Omaha District

Lower Platte Restoration & Resiliency, Nebraska

Authority: Resolution adopted by U.S. House of Representatives
Committee on Public Works, dated September 28, 1994

Probable Sponsors: Papio-Missouri River, Lower Platte North, and
Lower Platte South Natural Resource Districts



LOCATION AND DESCRIPTION: The Lower Platte River refers to the most downstream 180 miles of the Platte River from Grand Island, Nebraska to the mouth. The specific study area will cover about 3,000 square miles in eastern Nebraska, from the Loup River confluence downstream to the Missouri River confluence and including the lower reach of the Elkhorn Rivers. The Lower Platte River is located within the internationally significant Central Flyway containing several environmental and ecologically sensitive areas, and is home to several rural and economically disadvantaged communities that were devastated by the catastrophic 2019 flood.

PROBLEM AND NEED: Ecosystem resources in the Lower Platte River watershed have been impacted from activities such as federal dam, levee, and irrigation projects; water supply and groundwater withdrawals; agricultural practices; and transportation, commercial, and residential development along the floodplain. This unique sand-bed, braided river is home to several nationally significant endangered,

threatened, and native fish, bird, and wildlife species. The riverine, wetland, and riparian habitats along the Lower Platte River provide important connections from the Missouri River valley to the Central Platte and Sandhills ecoregions.

Record flooding along the Platte, Loup, and Elkhorn rivers in March 2019 resulted in extensive damage to property, transportation routes, and water and wastewater infrastructure. Disruption of rail service and the months long closure of federal, state, and local highways cost hundreds of millions of dollars in damages and detours. Agricultural damages included losses of hundreds of thousands of head of livestock and tens of thousands of acres of farmland which were damaged along with millions of bushels of grain destroyed in grain bins and flooded elevators. This study would look to use natural and nature-based approaches to restore in-stream, wetland, and riparian habitats along the river corridors and achieve both restoration and flood risk resiliency improvements for the region. Outcomes would be improved stream morphology, increased floodplain connectivity and storage to buffer floodwaters, increased flood conveyance, increased flood resiliency, and reduced safety risks.

ACTIVITIES FOR FY23: None.

PROPOSED ACTIVITIES FOR FY24: If funded, execute the Feasibility Cost Share Agreement, host a scoping charette, and complete the Alternatives Milestone Meeting (AMM).

ISSUES AND OTHER INFORMATION: This feasibility study will build upon existing studies by the USACE and others with a focus on developing a comprehensive plan to restore nationally significant habitats for fish and wildlife and increase flood risk resiliency for the region.

| Financial Data | Amount |
|-------------------------|---------------|
| Estimated Federal Cost | \$1,500,000 |
| Allocations thru FY22 | \$0 |
| FY23 Allocation | \$0 |
| President's Budget FY24 | TBD |
| Balance to Complete | \$1,500,000 |



Invoice

March 24, 2025
Project No: R220954.00
Invoice No: 159654
Invoice Amount: 17,040.50

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 March 14, 2025

| | Contract Amount | Percent Complete | Billed-to-Date | Previous Billing | Current Billing |
|--|---------------------|------------------|---------------------|---------------------|--------------------|
| Lump Sum Phase(s) | | | | | |
| Project Management | \$16,500.00 | 97% | \$16,005.00 | \$15,510.00 | \$495.00 |
| Public Involvement and Stakeholder Participation | \$34,700.00 | 94% | \$32,618.00 | \$31,230.00 | \$1,388.00 |
| Data Collection and GIS Mapping | \$16,550.00 | 100% | \$16,550.00 | \$16,550.00 | 0.00 |
| Develop Hazard Mitigation Plan | \$65,750.00 | 78% | \$51,285.00 | \$45,367.50 | \$5,917.50 |
| HMP Adoption, Submission, and Approval | \$4,000.00 | 0% | 0.00 | 0.00 | 0.00 |
| 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 | 42% | \$40,320.00 | \$31,080.00 | \$9,240.00 |
| Total | \$250,000.00 | | \$174,278.00 | \$157,237.50 | \$17,040.50 |
| Total Amount Due Upon Receipt : | | | | | \$17,040.50 |

Email Invoice: rchapman@lpnrd.org; jbreunig@lpnrd.org

Progress Report

LOWER PLATTE NORTH NATURAL RESOURCES DISTRICT HAZARD MITIGATION PLAN UPDATE

March 18, 2025

JEO Project Number: 220954.00
Project Contact: Becky Appleford, 217-741-0117
Professional Services through March 14, 2025

Below is a progress report for the above referenced project:

1. Overall project and budget status:

| | |
|--|--|
| Overall Project Completion: <u>70%</u> | Overall Budget Expended: <u>68%</u> |
| HMP Completion: <u>82%</u> | HMP Budget Expended: <u>80%</u> |
| THIRA Completion: <u>100%</u> | THIRA Budget Expended: <u>100%</u> |
| Drought Plan Completion: <u>50%</u> | Drought Plan Budget Expended: <u>48%</u> |

2. Project activities during current period (thru March 14, 2025)

- a. Continued to follow up with missing jurisdictions
- b. Continued incorporating Round 2 worksheets into plan
- c. Drafted sections of upfront HMP
- d. Updated community lifeline information
- e. Met with NRD on profile information
- f. Incorporated PWS drought info into matrix
- g. Continued drafting drought plan
- h. Met with NEMA and NRD on project

3. Planned project activities for next period (thru April 11, 2025)

- a. Continued drafting maps for upfront and community profiles
- b. Continue to follow up with missing jurisdictions and worksheets
- c. Continue incorporating worksheets into HMP
- d. Continue drafting sections of HMP
- e. Continue drafting drought sections

4. Information needed from NRD or key stakeholders

- a. Worksheets were due February 17th

5. Project Schedule and Next Meeting(s)

- a. Regular Drought check-in:
 - i. March 31st at 2pm





Nebraska Loess Hills

Resource Conservation & Development Council

P.O. Box 24, Oakland, NE 68045

www.nlhrcd.org Ph(402)685-4020

February 20, 2025



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

Your past support of the Nebraska Loess Hills Resource Conservation and Development (RC&D) Council is truly appreciated! Your sponsorship allows the Council to develop and implement projects which improve the quality of life in Burt, Cuming, Dakota, Dodge, Thurston, and Washington counties. Enclosed is the Council's 2024 Annual Report which highlights some of the projects completed in 2024 including:

- The Nebraska Loess Hills RC&D Council applied for and received a grant from Nebraska Department of Environment and Energy in 2023 and 2024 to hold an electronic waste collection.
 - In 2023, North Bend was our host community. The event was held in October and over 2500 lbs. of electronic waste was collected.
 - In Sept 2024, Beemer was our host community. With 9 volunteers, 3,114 pounds of waste was collected.
- The Nebraska Loess Hills RC&D Council applied for and received a grant from the Nebraska Department of Environment and Energy to conduct (3) household hazardous waste. After a change in our contractor in early summer, the RC&D Council was able to get additional sponsors to help fund the collections in Blair, North Bend, and Pender in Oct. 2024.
- The Nebraska Loess Hills RC&D Council has a scholarship available for current high school seniors, current college students, and non-traditional students. The Nebraska Loess Hills Resource Conservation & Development (RC&D) Council offered (2) \$500 scholarships to (2) individuals within the service area. Seven applications were received from five of the six counties.

In 2024, RC&D Council Board members and community volunteers organized by the Council donated more than 350 hours to RC&D projects in our local communities. In addition to completing 9 projects, these efforts furthered progress in other ongoing projects. Your support made this possible!

Over---

The Nebraska Loess Hills RC&D is a proud member of the US Department of Agriculture's Circle of Diamonds – awarded to a select number of RC&D Councils nationwide for demonstrating: "Excellence by an RC&D Council".

Your support is just as important now than ever!

The RC&D Council is committed to continuing its work. Sponsor support is vital to facilitating RC&D projects. We have enclosed a Sponsorship Renewal Invoice for 2025 in the amount of \$350.00. Projects planned for 2025 include (3) household hazardous waste collections, an electronic waste collection, and several others. These projects save local government and taxpayers significant dollars, preserve resources and protect the environment.

Sponsors directly impact the quality of life in area communities through active involvement in the Council's Board of Directors. This Board identifies area needs, adopts projects and goals, and formulates strategies for project completion. Sponsors may choose to designate a representative to serve on the Board of Directors.

We truly hope you will continue to support the Nebraska Loess Hills RC&D Council. Enclosed is contact information for the Council's Board of Directors. Please do not hesitate to contact the Board for more information or to suggest projects or partnerships which improve the quality of life in the RC&D service area.

Sincerely,

John Ross

John Ross, President
Nebraska Loess Hills RC&D Council
PO Box 24
Oakland, NE 68045
402.685.4020
office@nlhred.org

Nebraska Loess Hills RC&D Council

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TRICIA (Joel) BRACHT

Program Coordinator
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Office (402)685-4020
office@nlhrcd.org

Vacant

Omaha Tribe of Nebraska

Vacant

Winnebago Tribe of Nebraska
P.O. Box 687
Winnebago, NE 68071
(402) 878-4060 ext. 1006

Vacant

Thurston County



Nebraska Loess Hills

Resource Conservation & Development Council

P.O. Box 24 Oakland, NE 68045 Phone (402)685-4020

<https://www.facebook.com/NELoessHillsRCDCouncil>

RENEWAL INVOICE

Annual Sponsor Membership Dues 2025 (January 1-December 31, 2025)

SPONSOR MEMBERSHIP: \$350.00

Please make checks payable to: **Nebraska Loess Hills RC&D Council**

Send to: Dick Leitschuck, Treasurer
Nebraska Loess Hills RC&D Council
523 East 18th Street
South Sioux City, NE 68776

The Nebraska Loess Hills RC&D Council is approved as a 501(c)3 non-profit organization. Your contributions are tax-deductible to the extent permitted by law.

Please return with payment:

Contact Name: _____

Organization: _____

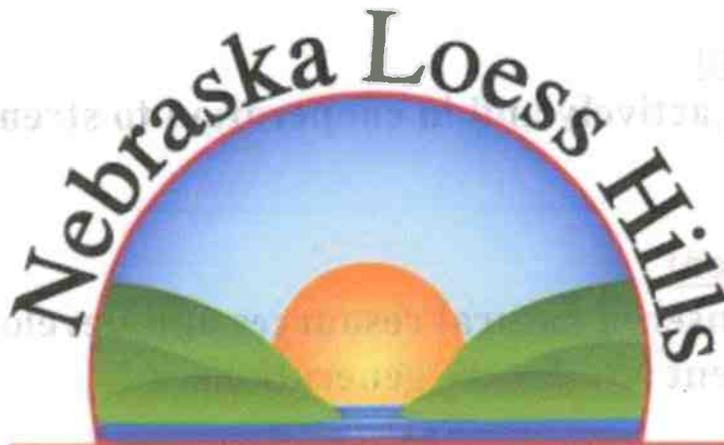
Address: _____

Phone: _____ **Email:** _____

spon25

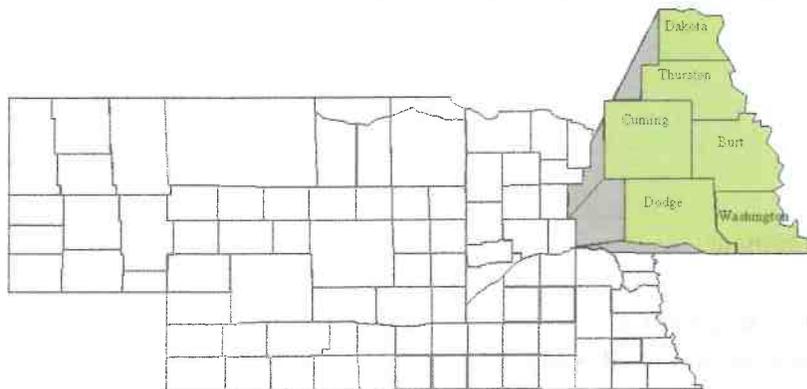
The Nebraska Loess Hills RC&D is a proud member of the US Department of Agriculture's Circle of Diamonds – awarded to a select number of RC&D Councils nationwide for demonstrating: "Excellence by an RC&D Council."

2024 Annual Report



Burt, Cuming, Dakota, Dodge, Thurston,
and Washington Counties

Resource Conservation & Development Council
PO Box 24, Oakland, NE 68045-0024
Ph: (402)685-4020 e-mail: Office@nlhrcd.org



Introduction:

❖ Purpose

The Purpose of the Nebraska Loess Hills RC&D Council, Inc. is to serve the will of local residents to the best of their ability with the tools they have available.

Vision Statement

People working actively and in cooperation to strengthen communities.

Mission Statement

Manage and conserve natural resources and develop human capital for present and future generations.

❖ Goals

GOAL A: ENHANCE & PROTECT LAND-BASED AND WATER-BASED NATURAL RESOURCES & PROMOTE ENVIRONMENTAL STEWARDSHIP

GOAL B: PROMOTE TOURISM AND DEVELOP RECREATIONAL OPPORTUNITIES IN THE RC&D'S SIX COUNTY AREA

GOAL C: PROMOTE LAND STEWARDSHIP BY WORKING WITH LOCAL GROUPS TO OFFER RECYCLING OPPORTUNITIES

GOAL D: DEVELOP HUMAN RESOURCES IN THE SIX COUNTY RC&D AREA BY INCREASING PARTICIPATION IN RC&D EVENTS.

❖ Committees

- Education
- Economic Development
- Tourism
- Environment and Conservation
- Infrastructure and Community Resources
- Finance

❖ History

- October 9, 1991 - The first informational meeting about the RC&D program was held for area residents at the Legion Hall in Walthill.
- March 1, 1992 - A steering committee was formed which proceeded to develop Bylaws and secure Articles of Incorporation and apply to the Secretary of Agriculture for authorization.
- September 23, 1992 - After numerous Steering Committee meetings, meetings of the Application and Bylaws Committees, twelve informational presentations, and six public participation meetings, the Nebraska Loess Hills RC&D Council was formed.
- September 24, 1992 - an application for authorization from the RC&D Board of Directors was submitted to (then) SCS State Conservationist Ron Moreland, which was forwarded to (then) U.S. Secretary of Agriculture Edward Madigan.
- November 16, 1992 - Bylaws and Articles of Incorporation were adopted.
- January 11, 1993, the Nebraska Loess Hills RC&D Council became incorporated in the State of Nebraska.
- October 18, 1993 - the Council presented their second proposal for authorization to (then) Nebraska SCS State Conservationist Ron Moreland.
- August 10, 1994 - The Nominal Group Process was used to develop and prioritize Goals, Objectives, and Action Items for the group's first Annual Plan of Work (approved by the RC&D Board of Directors on September 28, 1994).
- April 11, 1995 - A logo development contest was held, and a winner was selected – it was a pencil drawing of our current logo. (Color was added to the logo in 2001 and was again updated in 2009).
- October 15, 1997 - Another application for authorization was submitted to Dan Glickman, U.S. Secretary of Agriculture.
- December 3, 1997 - Received a Federal Tax Identification Number from the IRS.
- April 13, 1998 - The Internal Revenue Service determined the Nebraska Loess Hills Resource Conservation and Development (RC&D) Council Incorporated, to be exempt from federal income tax under section 501(a) of the Internal Revenue Code as an organization described in section 501(c)(3).
- September 7, 2000 - The Board of Directors, despite being passed over for funding numerous times, was persistent and submitted another application for funding.
- January 4, 2001 - Secretary of Agriculture Dan Glickman authorized the Nebraska Loess Hills RC&D.
- April 15, 2011 – President Barack Obama approved the termination of the RC&D Program nation-wide. Staff was given 3 days to redistribute all furniture and vehicle and to vacate the office.
- 2011 to present – The RC&D Council operates on donations from public entities, business, and private citizens.

Declaration of the Area of Operation:

The Nebraska Loess Hills RC&D consists of six counties – Burt, Cuming, Dakota, Dodge, Thurston, and Washington – encompassing 1,671,808 acres in East Central and Northeastern Nebraska. The Omaha and Winnebago Indian Reservations occupy all of Thurston County and small portions of Burt and Cuming Counties. The area is predominately rural with a population of 102,122 (2020 U.S. Census). Not quite 75% of area residents live in 36 communities. The largest communities are: Fremont– 27,141; South Sioux City – 14,043; and Blair – 7,790. The median size community in the area is 647. The area hosts 28,679 households. Per capita income for the RC&D area is \$30,895. 10.8% of area residents live in poverty.

The six-county Nebraska Loess Hills RC&D Area covers approximately 2600 square miles and is bordered on the east by the Missouri River and the Platte River on the south. A third major river, the Elkhorn, flows through three counties in the southwest part of the area. All three rivers provide recreation for Nebraska and Area residents as well as habitat for several threatened or endangered species such as the Bald Eagle, Piping Plover, Interior Least Tern, and the Pallid Sturgeon. The Missouri River is the primary source of domestic and municipal water supply for several large cities and communities in Nebraska and neighboring states. About 100 miles of Missouri River shoreline border the Nebraska Loess Hills RC&D Area.

All soils begin as rock or “Parent material”. Destruction of certain properties of parent material leads to unconsolidated forms of “rock” in which soils are forming. Soils can be moved by wind, water, gravity, man/animals, or glaciers. Those soils transported by wind are either loess (pronounced luss), or aeolian sand (windblown sand). Except for the “Sand Hills” where soils formed in aeolian sand, loess is the parent material for many soils throughout Nebraska. A large portion of the Nebraska Loess Hills RC&D Area lies in the Loess Uplands and Till Plains Major Land Resource Area (102B). About 15% of the area lying along the Missouri River Valley is in the Iowa and Missouri Deep Loess Hills Major Land Resource Area (107N). A small area in southwestern Washington and southeastern Dodge counties is located in the Nebraska and Kansas Loess Drift Hills Major Land Resource Area (106). All three Major Land Resource Areas are characterized by rolling to hilly topography with narrow to moderate ridge tops dissected by numerous drainage-ways. Predominant soils are typically well-drained upland soils with silty clay loam surface layers formed in loess with underlying material of silty clay loam or silt loam. Water erosion (sheet & rill, ephemeral, and gully) is the primary resource concern on these soils.

Warm summers and cold winters characterize the climate of the area. Monthly average high temperatures are in the 20s (degrees F) in January and 80s (degrees F) in July. Annual precipitation averages 24”-26”, with 60% of the precipitation occurring during the May to October growing season.

Types of RC&D Assistance:

GOAL A: ENHANCE & PROTECT LAND-BASED AND WATER-BASED NATURAL RESOURCES & PROMOTE ENVIRONMENTAL STEWARDSHIP...

- ✓ The Nebraska Loess Hills RC&D Council received a grant from Nebraska Department of Environment and Energy to hold (3) Household Hazardous Waste collections. Host communities were Blair, North Bend, and Pender. After a change of contractors in early summer and additional support from Papio-Missouri River NRD, Cargill, Washington County Recycling, Lower Platte North NRD, and Lower Elkhorn NRD, the RC&D was able to hold these collections in October 2024.
- ✓ The Nebraska Loess Hills RC&D Council assisted in unloading vehicles and collecting surveys at the PMRNRD E-Waste collections held in Dakota City, Walthill, Tekamah, and Blair in May. Five RC&D board members helped at these collections. A count of 286 vehicles that included 390 households and 61 businesses participated in all 4 collections. A total of 35,590 pounds of electronic waste was collected.

GOAL B: PROMOTE TOURISM AND DEVELOP RECREATIONAL OPPORTUNITIES...

- ✓ The RC&D hosts and facilitates the Lewis & Clark Scenic Byway which is a group dedicated toward promoting area attractions and services which may be of interest to travelers and tourists.
- ✓ The RC&D is maintaining a tourism rack at the Jackson Pump & Pantry to provide tourists with brochures of things to see along the Lewis & Clark Scenic Byway.

GOAL C: PROMOTE LAND STEWARDSHIP BY WORKING WITH LOCAL GROUPS TO OFFER RECYCLING OPPORTUNITIES...

- ✓ The RC&D coordinates and conducts several recycling opportunities for area residents including: E-Waste collections and Household Hazardous Waste collections.

GOAL D: DEVELOP HUMAN RESOURCES IN THE SIX COUNTY RC&D AREA BY INCREASING PARTICIPATION IN RC&D EVENTS.

- ✓ The Nebraska Loess Hills RC&D Council created a scholarship for current high school seniors, current college students, and non-traditional students. The scholarship application was distributed to the high schools in our service area as well as newspaper articles in the service area promoting this opportunity. The Nebraska Loess Hills Resource Conservation & Development (RC&D) Council offers (1) \$500 scholarship to an individual within the service area of Burt, Cuming, Dakota, Dodge, Thurston, and Washington counties. The scholarship is offered primarily to an individual that shows volunteering in community events. This year, seven applications were received from five of the six counties in the RC&D service area. Two scholarships were given this year, Miranda Bracht from Cuming County and Zac Pospisil from Dodge County.

Completed Projects in 2024

| <u>Project#</u> | <u>Project Name</u> |
|-----------------|----------------------------|
| 24-392 | Scholarship |
| 24-393 | E-Waste PMRNRD |
| 24-394 | Tourism Display |
| 24-395 | E-Waste Grant |
| 24-396 | HHW Grant |
| 24-397 | E-Waste Collection – 2024 |
| 24-398 | Logan Creek Accessibility |
| 24-399 | HHW Collection – 2024 |
| 24-400 | Lewis & Clark Scenic Byway |

Impact of the Council's Projects in the Area of Operation:

The Nebraska Loess Hills RC&D Council completed 9 projects in 2024. Over 20 volunteers donated more than 350 hours to RC&D projects. Financially, the total value of the projects completed in 2024 was over \$76,200.

Major Impact Projects

- RC&D Scholarship
The Nebraska Loess Hills RC&D Council created a scholarship for current high school seniors, current college students and non-traditional students. The scholarship application was distributed to the high schools in our service area. The Nebraska Loess Hills Resource Conservation & Development (RC&D) Council offered (2) \$500 scholarships to two individuals within the service area of Burt, Cuming, Dakota, Dodge, Thurston, and Washington counties. Seven applications were received this year from five of the six counties in the RC&D service area.
- The Nebraska Loess Hills RC&D Council helped unload vehicles and collect surveys at the PMRNRD E-Waste Collections held at Dakota City, Walthill, Tekamah, and Blair. 286 loads totaling 35,590 lbs. of e-waste were collected.
- The Nebraska Loess Hills RC&D Council held (2) E-Waste Collections in their fiscal year of 10/1/23 through 9/30/24.
 - In Oct 2023, North Bend was the host community. Ten volunteers including 4 RC&D members helped unload electronic waste from 39 households totaling 2,959 pounds of waste.
 - In Sept 2024, Beemer was the site for our electronic waste collection. Nine volunteers which included 5 RC&D members collected surveys and unloaded waste from 36 vehicles. The waste totaled 3,114 pounds which came from 45 households and 8 businesses.

- ❑ Board meetings and Little News mailings.
More than 1800 copies of the agenda and Little News were sent to board members and the public.
- ❑ Completed Projects
The NLHRCD completed 9 projects in FY 2024.
- ❑ Volunteerism
Over 20 volunteers donated more than 350 hours of time working on RC&D projects.

Council's Financial Summary (October 1, 2023-September 30, 2024)

Income:

| | |
|--|-------------|
| Dues and Support from 30 members | \$12,000.00 |
| Collected from North Bend and Beemer E-Waste | \$ 330.00 |
| Nebraska Department of Environment and Energy (NDEE) | |
| E-Waste Grants for calendar year 2023 & 2024 | \$ 5,408.98 |
| Cargill contribution towards the HHW Collection | \$15,000.00 |
| Washington Co Recycling for HHW Collection | \$ 5,000.00 |

Expenditures:

| | |
|--|-------------|
| E-Waste Collections at North Bend and Beemer | \$ 5,408.98 |
| CD Purchase | \$10,000.00 |
| Council Operations | \$ 7,842.87 |
| Scholarship Awarded | \$ 500.00 |

End of Year Balances:

| | |
|-------------------------|--------------------|
| Checking Account | \$26,562.14 |
| Savings Account | \$11,670.45 |
| Certificates of Deposit | <u>\$38,746.80</u> |
| Total | \$76,979.39 |

Nebraska Loess Hills RC&D Council

Board of Directors – FY 2024

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