

Projects Committee Meeting
Thursday, March 30, 2023 7:30 AM
Lower Platte North NRD Office
P.O. Box 126
Wahoo, NE 68066

1. UNFINISHED BUSINESS
2. NEW DIRECTOR INTRODUCTION
Andrew Tonnies, newly appointed director for Subdistrict 3, will be introduced.
3. SWCP
DNR notified all NRDs that the reallocation amount for this FY is \$157.66. That can be added to our FY23 state allocation that remains: \$81,8143.18
 - 3.A. SWCP Application Approvals
We received three new applications for tree planting cost share:

Angie Fuhlrodt 258 trees: \$483.75
Bill Zumbrennen 207 trees: \$388.13
Kevin Indra 207 trees: \$388.13

With the approval of these applications, the total cost-share amount approved for FY23 = \$3,566.26
 - 3.B. SWCP Payments
 - 3.C. SWCP Cancellations
 - 3.D. Wahoo Creek Cost Share Approvals
4. WATERSHEDS
 - 4.A. Shell Creek Watershed
 - 4.A.1. Shell Creek Implementation - 319

The student field trip is scheduled for April 10th in Lincoln to include stops at NDEE, UNL Water Sciences Laboratory, Innovation Campus Plant Growth Research Greenhouse, Assurity Center, and Antelope Creek. A draft schedule is attached. If you are interested in attending, please let staff know.
The next SCWIG meeting is scheduled for April 3rd at the Columbus NRCS office. Topics to include: funding status (319 & NET), student field trip on 4/10, Urban projects, Schuyler golf course (Nation Park service Planning help), AG projects, and SWCS Conference.

4.B. Wahoo Creek Watershed

4.B.1. Wahoo Creek Dam Site Planning Update

Invoice attached from Houston Engineering for work relating to development of the JEDI funding memo and attending meetings to support JEDI funding.

4.B.1.a. Olsson Design Update and Invoice

Attached are the current Progress Report and invoices from Olsson's for the past month's work.

Invoice 451816 (1st 3 sites) = \$2,873.62

Invoice 451831 (2nd 7 sites) = \$62,999.17

On 3/15 Olsson's met with NRCS to review 90% completion. It was an uneventful (good!) meeting; mostly clarifying how NRCS likes details to be reported.

4.B.1.b. NeDNR Agreement JEDI Funds

Attached is the first invoice (\$3,437.02) from Olsson for contracted work for land rights acquisitions. All costs will be reimbursed through JEDI contract.

After this payment, \$206,562.98 remain on our \$210,000.00 contract.

Initial contact letters were sent out with follow-up phone calls. The final areas were forwarded from Olsson to Great Plains to begin the appraisal research.

4.B.2. Wahoo Creek Watershed Water Quality Plan - 319

Tom Mountford, NRCS field liason, reached out to the NRD about partnering with NRCS in a further WQI. WQI allocates funding for conservation/management practices that can be funded through voluntary landowner contracts with local NRCS FOs; EQIP.

The first step would be a "formal" request to NRCS about pursuing WQI partnership and to start with planning phase. NRD staff will also meet with local NRCS to discuss options.

NRD staff will also be discussing 319 futures with NDEE staff in the coming month.

5. JOINT WATER MANAGEMENT ADVISORY BOARD (JWMAB)

5.A. East Fremont/Elkhorn Township Drainage - FEMA HMPG

On 3/30 at 5:30pm there will be a public open house in Fremont, at Johnson Crossing Academic Center, to inform the public about the status, and projected path forward of the East Fremont/Elkhorn Township drainage project. There is no formal presentation planned, but there will be informational stations set up with personnel from JEO and members of JWMAB available. Notice of the open house is on our website and has been shared on social media.

As previously mentioned, partner contributions will need to be finalized in the near future.

5.B. West Fremont - FEMA BRIC

5.C. Rawhide Creek Watershed - NRCS WFPO

On 3/20 and 3/27, JEO and members of JWMAB held informational meetings with landowners impacted by potential alternatives from the Rawhide WFPO Project. Individual landowners reserved a time slot and were able to sit down and discuss the Project with JEO and partners.

5.D. Lower Platte River General Investigation

On 3/27 representatives from JWMAB met in Fremont with Greg Johnson of the USACOE to hear the proposal for a General Investigation (GI) study of the lower Platte River; from Columbus to the mouth. The study does not have federal approval at this time, but if enough local interest (from contributing partners) is generated then the study could commence within the Corps local budget.

The two main areas of focus for the study would be: Flood damage reduction, or Environmental Economic Business. Flood damage reduction includes alternatives to reduce flood damage to existing infrastructure via structural (levees, dams, etc) or non-structural measures (floodplain enhancement, basement filling). The Environmental Economic Business includes more multi-purpose uses; floodplain enhancement with recreation components, Antelope Creek.

The GI study will be \$3 million dollars with the Corps picking up half, and the local partners picking up the remainder. Lower Platte South and Papio NRDs have both verbally committed to moving forward with the study. At this point all plan requests from the Corps for the upcoming FY (begins 10/1) have been submitted. This gives us, and any new partners (MUD, Omaha e.g.) time for discussions and planning.

6. HAZARD MITIGATION PLAN UPDATE

7. MORSE BLUFF LEVEE

8. WOLFE JETTY

9. LESHARA DRAINAGE IMPROVEMENT

10. EROSION AND SEDIMENT RULES AND REGULATIONS

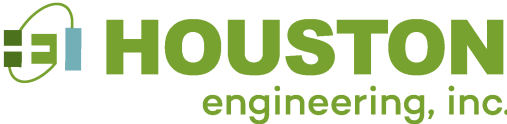
11. OTHER

- Discuss proposed development in Fremont
- Discuss potential CORPs General Investigation of the Platte River from Columbus to the mouth

Cost Share Assistance 2023 Tree Plantings

<u>Name</u>	<u>County</u>	<u># Trees</u>	<u>Landowner Total Cost w/out Tax</u>	<u>Cost Share CRP 50%</u>	<u>NRD Cost Share Program 75%/25% CRP</u>
Derek Simonds	Saunders	230 trees	\$ 575.00		\$ 431.25
Jordan Larsen	Saunders	200 trees	\$ 500.00		\$ 375.00
Angie Fuhlrodt	Saunders	258 trees	\$ 645.00		\$ 483.75
Bill Zumbrennen	Saunders	207 trees	\$ 517.50		\$ 388.13
Seth McGinn	Dodge	800 trees	\$ 2,000.00		\$ 1,500.00
Kevin Indra	Dodge	207 trees	\$ 517.50		\$ 388.13
Totals		1,902 trees	\$4,755.00		\$3,566.26

INVOICE



Remit to:
1401 21st Ave N, Fargo, ND 58102
Phone: 701.237.5065
Fed Tax ID: 45-0314557
Interest of 1%/month applied to past due invoices

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

Invoice Number: 62574
Date: November 29, 2022
Project Number: R000172-0001

Wahoo Creek Watershed Plan/EA Additional Tasks

For Professional Services Rendered Through: November 26, 2022

Professional Services

	Hours	Rate	Amount
Engineer 9	7.50	193.00	\$1,447.50
Senior Consultant 3	3.75	243.00	\$911.25
	11.25		\$2,358.75

Invoice Total **\$2,358.75**

Outstanding Invoices

Invoice Number	Invoice Date	0 - 30	31 - 60	61-90	Over 90	Balance
Total Prior Billing						

Progress Report for Wahoo Creek Watershed Dams Sites



Lower Platte North NRD

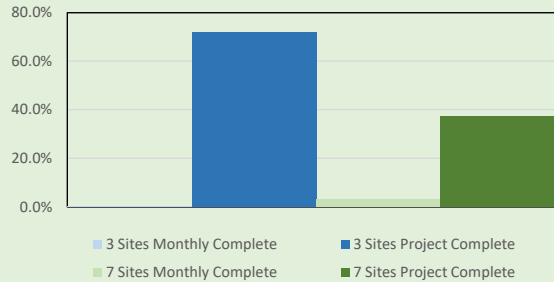
For Work Completed During The Month Of : **February, 2023**
(through 3/11/23)

Project # 018-3423 Dam Site 26A, 26B, &27 Project Phase	Phase Budget	Billings for Month		Project Total Billings to Date	
		Current Earned/Billings	% Completed This Month	JTD Earned/Billings	% Completed Overall
010 - Project Management/Meetings	\$ 23,213	\$ 161.67	0.7%	\$ 14,067.55	60.6%
020 - Geotechnical Engineering	\$ 224,493		0.0%	\$ 226,775.48	101.0%
030 - Dam Design	\$ 184,885		0.0%	\$ 191,155.33	103.4%
040 - Permitting	\$ 86,634	\$ 2,711.95	3.1%	\$ 45,858.25	52.9%
050 - Survey and Legal Descriptions	\$ 11,142		0.0%	\$ 23,636.47	212.1%
060 - Community/Public Participation	\$ -			\$ -	
070 - Construction Services	\$ 171,962			\$ 1,590.75	0.9%
				\$ -	
3 Sites Totals	\$ 702,329	\$ 2,873.62	0.4%	\$ 503,083.83	71.6%

Project # A18-3423 (separate invoice) Sites 55, 66, 77, 82, 84, 85, &86 Project Phase	Phase Totals	Billings for Month		Project Total Billings to Date	
		Current Earned/Billings	% Completed This Month	JTD Earned/Billings	% Completed Overall
100 - Project Management/Meetings	\$ 60,813	\$ 898.07	1.5%	\$ 28,360.51	46.6%
110 - Geotechnical Engineering	\$ 592,047	\$ 27,242.73	4.6%	\$ 405,237.67	68.4%
120 - Dam Design	\$ 425,202	\$ 31,013.13	7.3%	\$ 199,075.51	46.8%
130 - Permitting	\$ 244,810		0.0%	\$ 69,119.27	28.2%
140 - Survey and Legal Descriptions	\$ 28,165	\$ 3,845.24	13.7%	\$ 31,011.94	110.1%
150 - Community/Public Participation	\$ 30,000		0.0%	\$ 5,899.20	19.7%
160 - Other	\$ -			\$ -	
170- Construction Services	\$ 603,992			\$ -	0.0%
7 Sites Totals	\$ 1,985,029	\$ 62,999.17	3.2%	\$ 738,704.10	37.2%

Billings For Month	\$ 65,872.79
Total Billings To Date	\$ 1,241,787.93
Project Budget	\$ 2,687,358
Budget Remaining	\$ 1,445,570.07

% Budget Spent Per Site



Summary Of Work Completed This Month	
Sites 26A, 26B, & 27	Sites 55,66,77,82,84,85, & 86
-Met with NRCS to discuss design comments related to 90% design submittal. No major design related comments to address. -NEScap environmental report updates and alternative discussion -Met with USACE to design permit	- H&H sheet setup, grading, auxiliary and principal spillway design -Geotechnical analysis, laboratory and report prep for sites 77 & 55 -Processing of collected survey information -Survey for section corners for legal descriptions -Project Management -NeSCAP and preparing USACE permit application

Planned Work For Next Month	
Site 26A, 26B, & 27	Sites 55, 66, 77, 82, 84, 85, & 86
-H&H, Structural, and Geotechnical working through design comments from NRCS -Meeting with USACE to discuss channel impacts with goal of submitting permit in May	-H&H design, centerline layout, and auxiliary spillway design -Geotechnical design calculations for sites 77, 55, 66, & 82 -Preliminary structural analysis of risers -Goal is to have 60% design submittal for sites 77 & 55 by early April

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

Invoice



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

March 28, 2023
Invoice No: 451816

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

Invoice Total \$2,873.62

Olsson Project # 018-34230 Lower Platte North NRD Wahoo Creek Watershed & 3 Dam Sites
Professional services rendered February 5, 2023 through March 11, 2023 for work completed in accordance with agreement.

Phase	010	Sites 26A 26B & 27 Project Management	
Labor			
		Hours	Amount
Designer		1.00	161.67
	Totals	1.00	161.67
	Total Labor		161.67
		Total this Phase	\$161.67

Phase	040	Permitting	
Labor			
		Hours	Amount
Assistant Professional		21.75	2,711.95
	Totals	21.75	2,711.95
	Total Labor		2,711.95
		Total this Phase	\$2,711.95

Billing Limits	Current	Prior	To-Date
Total Billings	2,873.62	500,210.21	503,083.83
Limit			702,329.00
Balance Remaining			199,245.17
	AMOUNT DUE THIS INVOICE		\$2,873.62

Email invoice to: rchapman@lpnrd.org

Authorized By: Andrew Phillips

Invoice



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

March 28, 2023
Invoice No: 451831

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

Invoice Total \$62,999.17

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

Professional services rendered February 5, 2023 through March 11, 2023 for work completed in accordance with agreement.

Phase	100	Sites 55 66 77 82 84 85 86 Project Management		
Labor				
			Hours	Amount
Principal			3.50	898.07
	Totals		3.50	898.07
	Total Labor			898.07
			Total this Phase	\$898.07

Phase	110	Geotechnical Engineering		
Labor				
			Hours	Amount
Assistant Engineer			98.25	9,617.69
Technician			20.50	1,538.73
Principal			2.00	385.62
Project Professional			56.25	7,842.38
Assistant Professional			9.50	618.31
	Totals		186.50	20,002.73
	Total Labor			20,002.73

Unit Billing

Atterberg Limit

1 Test @ \$95/Test	95.00
1 Test @ \$95/Test	95.00
1 Test @ \$95/Test	95.00
2 Tests @ \$95/Test	190.00

Dispersion - Crumb

16 Tests @ \$35/Test	560.00
16 Tests @ \$35/Test	560.00

Dispersion - Pinhole

2 Tests @ \$130/	260.00
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Project	A18-34230	Lower Platte North NRD Wahoo Creek Water	Invoice	451831
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3 Tests @ \$130/Test	390.00	
5 Tests @ \$130/Test	650.00	
5 Tests @ \$130/Test	650.00	
1 Test @ \$130/Test	130.00	
Flex-Wall Permeability Test Undisturbed		
1 Test @ \$425/Test	425.00	
Mech. Grain Size Analysis (Hydrometer)		
1 Test @ \$165/Test	165.00	
2 Tests @ \$165/Test	330.00	
P-200 Sieve Test		
1 Test @ \$45/Test	45.00	
Permeability of Soil - Undisturbed		
1 Test @ \$200/Test	200.00	
Triaxial Comp Cons Undrained-Remold		
1 Test @ \$2400/Test	2,400.00	
Total Units	7,240.00	7,240.00
	Total this Phase	\$27,242.73

Phase	120	Dam Design		
Labor				
			Hours	Amount
Principal			1.50	233.60
Assistant Professional			185.50	16,634.84
Designer			114.00	14,067.60
CAD Operator			.75	77.09
Totals			301.75	31,013.13
Total Labor				31,013.13
			Total this Phase	\$31,013.13

Phase	140	Survey & Legal Descriptions		
Labor				
			Hours	Amount
Team Leader			1.50	233.60
Survey Technical Manager			2.50	364.43
Surveyor			3.25	320.84
Survey 2-Man Crew			11.00	1,060.51
SRVY Crew Survey 1-Man Crew			10.00	964.10
Survey Crew Support			11.00	661.76
Totals			39.25	3,605.24
Total Labor				3,605.24
Unit Billing				
Field Vehicle 1457			320.0 Miles @ 0.75	240.00
Total Units				240.00
			Total this Phase	\$3,845.24

INVOICE PAYMENT IS REQUESTED WITHIN 30 DAYS

Project	A18-34230	Lower Platte North NRD Wahoo Creek Water	Invoice	451831
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AMOUNT DUE THIS INVOICE **\$62,999.17**

Authorized By: Andrew Phillips _____

INVOICE PAYMENT IS REQUESTED WITHIN 30 DAYS

Invoice



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

March 22, 2023
Invoice No: 450764

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

Invoice Total \$3,437.02

Olsson Project # 023-00443 LPNNRD Wahoo Creek Watershed Flood Reduction Project Real Estate Services
Professional services rendered through March 11, 2023 for work completed in accordance with our Agreement dated February 17, 2023.

Phase	100	Real Estate Acquisitions		
Labor				
			Hours	Amount
Principal			7.25	1,666.70
Assistant Professional			1.00	146.83
Designer			7.00	863.80
CAD Operator			9.75	653.25
Administrative/Clerical			1.50	106.44
			Totals	3,437.02
			Total Labor	3,437.02
			Total this Phase	\$3,437.02

Billing Limits	Current	Prior	To-Date
Total Billings	3,437.02	0.00	3,437.02
Limit			210,000.00
Balance Remaining			206,562.98

AMOUNT DUE THIS INVOICE \$3,437.02

Billings to Date	Current	Prior	Total
Labor	3,437.02	0.00	3,437.02
Totals	3,437.02	0.00	3,437.02

Email invoices to: bheimann@lpnnrd.org; jbreunig@lpnnrd.org

Authorized By: Danielle Allen