

Projects Committee Meeting  
Thursday, November 3, 2022 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 Lands for Conservation Payment Approvals

We have received two certified LFC payment approvals. As a reminder: The \$192/acre LFC payments are made to individuals to set aside ground for summer construction work that is funded through EQIP. After construction is complete, cooperators must plant certified cover crop mix/rate to qualify for payment.

CARL &  
DOROTHY  
PETERSON

TRUST 20

\$ 3,840.00

35-15N-6E SAUNDERS

WAHOO

AUSTIN & AMY

VERMELINE 25

\$ 4,800.00

9-15N-6E SAUNDERS

COTTONWOOD

3. WATERSHEDS

3.A. Shell Creek Watershed

3.A.1. Shell Creek Watershed Environmental Enhancement Plan - 319

Staff submitted a final reimbursement and final report for our 319 grant that ended on 9/30/2022.

Staff are working with NDEE to finalize the new grants workplan.

With NDEE 319 funding not expected until January, how should we advise Bill to proceed with current projects?

3.B. Wahoo Creek Watershed

Our current WFPO agreement with NRCS is set to expire on 12/1/2022. Staff is in contact with state NRCS about an extension amendment. This fund has been utilized in paying for engineering costs of the Wahoo Creek Flood Reduction structures. Currently, there is a remaining balance of \$1,333,871.11 to be spent.

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

JEDI funding agreement from NeDNR is on hold. We are waiting on the Governor's office to approve an exemption to Executive Order No. 21-08. There is hope that the contract will allow the NRD to submit expenses back to the legislation date - 4/7/2022.

Staff continues to make contacts with potential mitigation sites. A meeting with Olsson, NRD and ACOE mid November is planned to provide focus in mitigation planning.

Attached is Olsson's October Progress report and three invoices: 2 separate invoices for 2nd seven sites and sites 26 & 27. The third invoice is for withheld environmental work to be paid thru JEDI funds.

3.B.2. DNR Agreement JEDI funds

3.B.3. Wahoo Creek Watershed Water Quality Plan - 319

4. JOINT WATER MANAGEMENT ADVISORY BOARD (JWMAB)

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

On October 3 a meeting was held with representatives from DNR, FEMA/NEMA to discuss status of the E. Fremont/Elkhorn Township drainage study. The primary focus was on the planned alternative (Morningside Rd. ditch enhancement, detention pond) working in conjunction with planned Inland Port Authority and complexities with UPRR, and HWY 275 bypass.

As planning on Inland Port Authority progresses, further talks will be needed to coordinate as much planning as possible. The possibility of combining projects (detention pond) could be mutually beneficial.

JEO is currently working on BCA analysis for planned alternative.

4.B. West Fremont - BRIC

4.C. Rawhide Creek Watershed - WFPO

On October 13th a meeting was held between JWMAB, NRCS, and JEO to discuss status of WFPO plan progress. A plan update was presented with multiple options presented; both addressing Rawhide Creek Watershed only flooding, as well as, Platte River induced flooding. NRCS personnel recommended focusing on Rawhide only impacts as the economic burden of dealing with river scale flooding exceeds the WFPO plan scope.

On October 24th, directors Pollard, Saalfeld, and Thompson; staff Elliot and Chapman; and representatives from NRCS and Dodge County attended a site tour of proposed alternatives organized by the contractor JEO. This was a requirement of NRCS WFPO funding. Six potential sites were visited and discussed.

5. HAZARD MITIGATION PLAN UPDATE

Four firms responded to our RFP with proposals. Staff met with the three County Emergency Managers on October 28th and discussed the proposals.

A few questions have come up regarding funding opportunities via the HMP:

- Funding for communication equipment for rural fire departments. This is a commonly funded activity. Entities that participated in and adopted HMP are eligible for this funding. Counties may be the best applicants on behalf of the local fire departments. Staff informed Saunders County.
- Funding to develop water sources for fire fighting. It is unlikely that FEMA is able to fund this. Planning for mapping and documenting the need district wide is eligible and will be included in our next HMP update. NEMA directed staff to potential funding through the Forest Service. A meeting will be set up this winter.

6. EROSION AND SEDIMENT RULES AND REGULATIONS

7. MORSE BLUFF DIKE

NRD Directors and County Supervisors representing the Morse Bluff area along with NRD and County staff discussed the situation on November 1st. A meeting is planned for November 16th to update members of the local Morse Bluff Dike Coalition.

8. NEBRASKA BUFFER STRIP PAYMENTS

Below are the current NeBSP contracts due for annual payment:

Contract Holder	Acres	NDA #	Annual Payment
Janice Wilke Trust	2.98	99400a	\$190.16
Mary Theresa Norton Trust	8	20062	\$1,757.44
Mary Theresa Norton Trust	13.7	20062	\$3,009.62
Mary Theresa Norton Trust	11.2	20059	\$2,399.04
Mark Wilke	4.81	99400b	\$457.91
Ronald Anderson*	6.9		\$593.61
Ronald Anderson*	6		\$166.32
Charles Barjenbruch	9.5	100	\$2,033.00
Randall Brabec	1	22010	\$250.00
James Barjenbruch	8.2	362	\$1,661.98
Ed Luetkenhaus	4.5	10058	\$967.50
Larry Bruhn	4.7	21007	\$876.36
Tom Sprunk	13.3		\$2,992.50
Tom Sprunk	2.8		\$630.00
Tom Sprunk	2.1		\$472.50
Dean Klug Family Trust	6.3	99074a	\$232.72

Norman Lindgren	2.1	20027	\$83.16
Rod Julsen	23.1	451	\$5,197.50
Kaye Lidolph	7.8	20037	\$1,381.30
Rezac Farms Inc	4.7		\$1,057.50
Rezac Farms Inc	3.6		\$786.96
Rezac Farms Inc	1		\$218.60
Rezac Farms Inc	1.4		\$306.04
Rezac Farms Inc	1.7		\$371.62
Rezac Farms Inc	3.5		\$787.50
Dan Gehring/Arlis Plummer	8.9	21020	\$2,148.46
Reece/Beau Klug	11.7	21024	\$2,632.50
David Luckey	12.7	21022	\$2,818.89
Diann Svatora	5.5	21023	\$1,327.70
Sam Welch	4.9	21025	\$1,050.32
River Road Land INC	13	00143a	\$3,250.00
Craig Foltz	27.3		\$6,825.00
Total	238.89		\$48,933.71

9. OTHER

Wolf Jetty project near Schuyler. Update and request from Carl Grotelueschen, Colfax County District #2 Commissioner.

10. ADJOURNMENT

Progress Report for Wahoo Creek Watershed Dams Sites



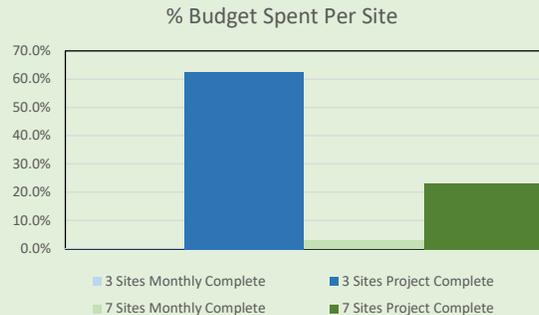
Lower Platte North NRD

For Work Completed During The Month Of : **September, 2022**  
(through 10/8/22)

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	\$ 723.48	3.1%	\$ 11,386.27	49.1%
020 - Geotechnical Engineering	\$ 224,493	\$ 78.68	0.0%	\$ 219,684.46	97.9%
030 - Dam Design	\$ 184,885	\$ 1,119.80	0.6%	\$ 154,037.76	83.3%
040 - Permitting	\$ 86,634		0.0%	\$ 34,888.47	40.3%
050 - Survey and Legal Descriptions	\$ 11,142		0.0%	\$ 17,927.10	160.9%
060 - Community/Public Participation	\$ -			\$ -	
070 - Construction Services	\$ 171,962			\$ 1,590.75	
				\$ -	
<b>3 Sites Totals</b>	<b>\$ 702,329</b>	<b>\$ 1,921.96</b>	<b>0.3%</b>	<b>\$ 439,514.81</b>	<b>62.6%</b>

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	\$ 2,170.44	3.6%	\$ 23,052.12	37.9%
110 - Geotechnical Engineering	\$ 592,047	\$ 13,569.21	2.3%	\$ 314,762.58	53.2%
120 - Dam Design	\$ 425,202	\$ 13,579.70	3.2%	\$ 46,601.09	11.0%
130 - Permitting	\$ 244,810	\$ 31,612.87	12.9%	\$ 63,150.25	25.8%
140 - Survey and Legal Descriptions	\$ 28,165		0.0%	\$ 7,014.71	24.9%
150 - Community/Public Participation	\$ 30,000		0.0%	\$ 5,899.20	19.7%
160 - Other	\$ -			\$ -	
170- Construction Services	\$ 603,992			\$ -	
<b>7 Sites Totals</b>	<b>\$ 1,985,029</b>	<b>\$ 60,932.22</b>	<b>3.1%</b>	<b>\$ 460,479.95</b>	<b>23.2%</b>

<b>Billings For Month</b>	<b>\$ 62,854.18</b>
<b>Total Billings To Date</b>	<b>\$ 899,994.76</b>
<b>Project Budget</b>	<b>\$ 2,687,358</b>
<b>Budget Remaining</b>	<b>\$ 1,787,363.24</b>



Summary Of Work Completed This Month	
Sites 26A, 26B, & 27	Sites 55,66,77,82,84,85, & 86
-Limited work as NRCS completed 60% design review -Internal QC review and NRCS meetings	-Begin H&H design for dam centerline and spillways -Geotechnical calculations for dam design and continued laboratory testing -Wetland delineations and continued discussions with NRD regarding potential mitigation areas.

Planned Work For Next Month	
Site 26A, 26B, & 27	Sites 55, 66, 77, 82, 84, 85, & 86
-Begin going through NRCS comments and work for 90% design submittal	-Continued H&H design and centerline layout -Completion of 2nd round of laboratory testing and analysis. -Collection of survey topographic information. -Meeting with USACE to further discussions regarding mitigation plan

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

October 19, 2022  
Invoice No: 436352

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

**Invoice Total \$60,932.22**

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

Professional services rendered September 11, 2022 through October 8, 2022 for work completed in accordance with agreement.

Phase 100 Sites 55 66 77 82 83 84 85 86 Project Management

**Labor**

	<b>Hours</b>	<b>Amount</b>	
Principal	9.00	2,170.44	
Totals	9.00	2,170.44	
<b>Total Labor</b>			<b>2,170.44</b>

**Billing Limits**

	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings	2,170.44	20,881.68	23,052.12
Limit			62,400.00
Balance Remaining			39,347.88
		<b>Total this Phase</b>	<b>\$2,170.44</b>

Phase 110 Geotechnical Engineering

**Labor**

	<b>Hours</b>	<b>Amount</b>	
Assistant Engineer	14.50	1,311.82	
Technician	9.25	656.38	
Principal	2.00	344.10	
Project Professional	17.00	2,281.91	
Totals	42.75	4,594.21	
<b>Total Labor</b>			<b>4,594.21</b>

**Unit Billing**

Atterberg Limit

4 Tests @ \$95/Test	380.00
1 Test @ \$95/Test	95.00
3 Tests @ \$95/Test	285.00
2 Tests @ \$95/Test	190.00
1 Test @ \$95/Test	95.00

INVOICE PAYMENT IS REQUESTED WITHIN 30 DAYS

Dispersion - Crumb				
8 Tests @ \$35/Test			280.00	
Dispersion - Pinhole				
2 Tests @ \$130/Test			260.00	
Dry Density Test				
6 Tests @ \$30/Test			180.00	
15 Tests @ \$30/Test			450.00	
8 Tests @ \$30/Test			240.00	
Flex-Wall Permeability Test Undisturbed				
1 Test @ \$425/Test			425.00	
Mech. Grain Size Analysis (Hydrometer)				
2 Tests @ \$165/Test			330.00	
Mechanical Grain Size Analysis (Sieves)				
2 Tests @ \$90/Test			180.00	
2 Tests @ \$90/Test			180.00	
3 Tests @ \$90/Test			270.00	
One-Dimensional Consolidation Test				
2 Tests @ \$165/Test			330.00	
1 Test @ \$165/Test			165.00	
P-200 Sieve Test				
12 Tests @ \$45/Test			540.00	
3 Tests @ \$45/Test			135.00	
1 Test @ \$45/Test			45.00	
Permeability of Soil - Undisturbed				
1 Test @ \$200/Test			200.00	
1 Test @ \$200/Test			200.00	
Standard Proctor				
2 Tests @ \$170/Test			340.00	
1 Test @ \$170/Test			170.00	
1 Test @ \$170/Test			170.00	
Triaxial Comp Cons Undrained-Remold				
1 Test @ \$2,400/Test			2,400.00	
Triaxial Comp Unconsolidated Undrained				
2 Tests @ \$175/Test			350.00	
Unconfined Compression Test				
1 Test @ \$45/Test			45.00	
1 Test @ \$45/Test			45.00	
	<b>Total Units</b>		<b>8,975.00</b>	<b>8,975.00</b>

<b>Billing Limits</b>	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>	
Total Billings	13,569.21	301,193.37	314,762.58	
Limit			607,460.00	
Balance Remaining			292,697.42	
		<b>Total this Phase</b>		<b>\$13,569.21</b>

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Phase	120	Dam Design
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INVOICE PAYMENT IS REQUESTED WITHIN 30 DAYS

**Labor**

	Hours	Amount
Assistant Professional	63.00	6,460.56
Designer	60.25	7,119.14
Totals	123.25	13,579.70
<b>Total Labor</b>		<b>13,579.70</b>

Billing Limits	Current	Prior	To-Date	
Total Billings	13,579.70	33,021.39	46,601.09	
Limit			436,278.00	
Balance Remaining			389,676.91	
		<b>Total this Phase</b>		<b>\$13,579.70</b>

Phase            130            Permitting

**Labor**

	Hours	Amount
Assistant Professional	305.50	31,457.90
Totals	305.50	31,457.90
<b>Total Labor</b>		<b>31,457.90</b>

**Reimbursable Expenses**

Auto		154.97
<b>Total Reimbursables</b>		<b>154.97</b>

Billing Limits	Current	Prior	To-Date	
Total Billings	31,612.87	31,537.38	63,150.25	
Limit			251,140.00	
Balance Remaining			187,989.75	
		<b>Total this Phase</b>		<b>\$31,612.87</b>

**AMOUNT DUE THIS INVOICE            \$60,932.22**

**Outstanding Invoices**

Number	Date	Balance
426477	7/20/2022	17,724.70
433395	9/22/2022	14,093.33
<b>Total</b>		<b>31,818.03</b>

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

October 19, 2022  
Invoice No: 436351

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

**Invoice Total \$1,921.96**

Olsson Project # 018-34230 Lower Platte North NRD Wahoo Creek Watershed & 3 Dam Sites  
Professional services rendered September 11, 2022 through October 8, 2022 for work completed in accordance with agreement.

Phase 010 Sites 26A 26B & 27 Project Management

<b>Labor</b>			
		<b>Hours</b>	<b>Amount</b>
Principal		3.00	723.48
	Totals	3.00	723.48
	<b>Total Labor</b>		<b>723.48</b>
		<b>Total this Phase</b>	<b>\$723.48</b>

Phase 020 Geotechnical Engineering

<b>Labor</b>			
		<b>Hours</b>	<b>Amount</b>
CAD Operator		1.50	78.68
	Totals	1.50	78.68
	<b>Total Labor</b>		<b>78.68</b>
		<b>Total this Phase</b>	<b>\$78.68</b>

Phase 030 Dam Design 26a, 26b, 27

<b>Labor</b>			
		<b>Hours</b>	<b>Amount</b>
Principal		5.00	771.25
Assistant Professional		2.50	348.55
	Totals	7.50	1,119.80
	<b>Total Labor</b>		<b>1,119.80</b>
		<b>Total this Phase</b>	<b>\$1,119.80</b>

<b>Billing Limits</b>	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings	1,921.96	437,592.85	439,514.81
Limit			583,825.00
Balance Remaining			144,310.19

INVOICE PAYMENT IS REQUESTED WITHIN 30 DAYS

**AMOUNT DUE THIS INVOICE**                      **\$1,921.96**

**Outstanding Invoices**

<b>Number</b>	<b>Date</b>	<b>Balance</b>
434493	9/27/2022	44,188.81
<b>Total</b>		<b>44,188.81</b>

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

July 20, 2022  
 Invoice No: 426477

Tom Mountford  
 Assistant Manager  
 Lower Platte North NRD  
 PO Box 126  
 Wahoo, NE 68066-0126

**Invoice Total \$39,428.25**

Olsson Project # A18-34230 Lower Platte North NRD Wahoo Creek Watershed & 7 Dam Sites  
 Phase II  
 Professional services rendered June 12, 2022 through July 9, 2022 for work completed in accordance with agreement.

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 Phase 100 Sites 55 66 77 82 83 84 85 86 Project Management

<b>Labor</b>			
		<b>Hours</b>	<b>Amount</b>
Principal		8.00	1,893.68
	Totals	8.00	1,893.68
	<b>Total Labor</b>		<b>1,893.68</b>
<b>Billing Limits</b>			
		<b>Current</b>	<b>Prior</b>
Total Billings		1,893.68	12,218.95
Limit			62,400.00
Balance Remaining			48,287.37
		<b>Total this Phase</b>	
			<b>\$1,893.68</b>

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 Phase 110 Geotechnical Engineering

<b>Labor</b>			
		<b>Hours</b>	<b>Amount</b>
Assistant Engineer		14.50	1,311.82
Technician		22.25	1,250.31
Principal		4.50	750.87
Project Professional		22.25	2,854.45
Assistant Professional		1.00	136.45
	Totals	64.50	6,303.90
	<b>Total Labor</b>		<b>6,303.90</b>

**Unit Billing**

Atterberg Limit	
1 Test @ \$95/Test	95.00
13 Tests @ \$95/Test	1,235.00
1 Test @ \$95/Test	95.00
5 Tests @ \$95/Test	475.00

Project	A18-34230	Lower Platte North NRD Wahoo Creek Water	Invoice	426477
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10 Tests @ \$95/Test			950.00	
Dry Density Test				
16 Tests @ \$30/Test			480.00	
14 Tests @ \$30/Test			420.00	
Flex-Wall Permeability Test Undisturbed				
1 Test @ \$425/Test			425.00	
Flex-Wall Permeameter Remolded				
1 Test @ \$565/Test			565.00	
Mech. Grain Size Analysis (Hydrometer)				
1 Test @ \$165/TEST			165.00	
1 Test @ \$165/Test			165.00	
Mechanical Grain Size Analysis (Sieves)				
6 Tests @ \$90/Test			540.00	
30 Tests @ \$30/Test			2,700.00	
Moisture Content				
6 Tests @ \$20/Test			120.00	
5 Tests @ \$20/Test			100.00	
One-Dimensional Consolidation Test				
3 Tests @ \$165/Test			495.00	
1 Test @ \$165/TEST			165.00	
1 Test @ \$165/Test			165.00	
P-200 Sieve Test				
10 Tests @ \$45/Test			450.00	
12 Tests @ \$45/Test			540.00	
Permeability of Soil - Undisturbed				
1 Test @ \$200/Test			200.00	
1 Test @ \$200/Test			200.00	
Triaxial Comp Cons Undrained-Intact				
1 Test @ \$1,925/Test			1,925.00	
Triaxial Comp Unconsolidated Undrained				
1 Test @ \$175/Test			175.00	
2 Tests @ \$175/Test			350.00	
Unconfined Compression Test				
1 Test @ \$45/Test			45.00	
4 Tests @ \$45/Test			180.00	
<b>Total Units</b>			<b>13,420.00</b>	<b>13,420.00</b>

<b>Billing Limits</b>	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>	
Total Billings	19,723.90	255,423.24	275,147.14	
Limit			607,460.00	
Balance Remaining			332,312.86	
		<b>Total this Phase</b>		<b>\$19,723.90</b>

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Phase	130	Permitting		
<b>Labor</b>			<b>Hours</b>	<b>Amount</b>
Assistant Professional			126.00	12,387.71

INVOICE PAYMENT IS REQUESTED WITHIN 30 DAYS

CAD Operator	64.00		4,650.23	
Totals	190.00		17,037.94	
<b>Total Labor</b>				<b>17,037.94</b>

**Reimbursable Expenses**

Meals			112.57	
Auto			374.19	
<b>Total Reimbursables</b>			<b>486.76</b>	<b>486.76</b>

**Unit Billing**

GPS Equipment		2.0 Days @ 100.00	200.00	
<b>Total Units</b>			<b>200.00</b>	<b>200.00</b>

**Billing Limits**

	Current	Prior	To-Date	
Total Billings	17,724.70	13,812.68	31,537.38	
Limit			251,140.00	
Balance Remaining			219,602.62	
<b>Total this Phase</b>				<b>\$17,724.70</b>

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Phase 140 Survey & Legal Descriptions  
**Labor**

	Hours		Amount	
Team Leader	.50		85.97	
Totals	.50		85.97	
<b>Total Labor</b>				<b>85.97</b>

**Billing Limits**

	Current	Prior	To-Date	
Total Billings	85.97	6,842.77	6,928.74	
Limit			28,875.00	
Balance Remaining			21,946.26	
<b>Total this Phase</b>				<b>\$85.97</b>

**AMOUNT DUE THIS INVOICE \$39,428.25**

**Outstanding Invoices**

Number	Date	Balance
423250	6/20/2022	31,335.53
<b>Total</b>		<b>31,335.53</b>

Authorized By: Andrew Phillips