

Projects Committee Meeting
Thursday, November 2, 2023 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

On 10/16 JWMAB members had an update meeting to discuss status of the West Fremont BRIC plan. Moving forward there are two alternatives proposed which need to be further evaluated; improvements to the Farmland Levee and non-structural improvements.

Proposed improvements to the Farmland Levee divided into 3 sub-alternatives:

 - A. Raise levee elevation to consistent 50 year elevation \$1.3 million
 - B. 50 year raise + underseepage control and clay cap \$6.1 million
 - C. Overtopping erosion protection on landside. \$4.7 million

The other alternative to move forward for further analysis is the Non-structural Mitigation; e.g. flood risk assessment, retrofitting existing structures, property acquisition.
 - 3.C. Rawhide Creek Watershed - NRCS WFPO

On 10/16 JWMAB had our monthly Rawhide WFPO meeting. The focus of the meeting was finalizing alternative selection, specifically the Fremont Cut-Off road raise and the two detention cells.

Potential negative impacts of Cut-Off road raise on landowners to the west of the road was discussed after concerns were raised at the public Open House that occurred last month. JEO needs to ground truth (survey) the LiDAR data that was used to develop the model, but they don't expect any impacts on residential

structures.

Planning on the detention cells estimate ~2.5 million cubic yards of spoil that will need to be dealt with; one option will be fill for the Cut-Off road raise, but there will still be a substantial spoil left.

Upcoming milestones: 90% EA Plan development, submit to NRCS National winter 2024.

4. SHELL CREEK WATERSHED

4.A. Shell Creek Implementation - 319 & NET

4.B. Septic System Upgrade Payment

Bill Bos submitted certification paperwork for a completed septic system upgrade within the Shell Creek Watershed Water Quality Improvement Plan:

Diane
Miller **\$5,154.24**

All septic system upgrade payments are reimbursed through our 319 Water Quality Plan.

5. WAHOO CREEK WATERSHED

5.A. Dam Site Planning Update

Site 82 - NRCS contacted the NRD with concerns related to site 82's projected flood pool impacts; specifically related to the neighboring farmstead's grain bins, and potential DOT impacts with HWY 79. The plan would require for the bins to be relocated, a berm to be constructed (to T.O.D. elev, ~6-8' above grade) along the easement boundary.

There was also concerns about potential pushback from DOT for permanent water being stored within existing culvert ROW.

NRCS recommends deprioritizing site 82 within the plan but keeping it in the plan for any potential future development.

Site 77 - NRCS has concerns about the planned principal spillway pipe size on site 77. The plan called for a 72" concrete pipe, but NRCS only has standard drawings for pipe up to 48". Continuing on with the planned 72" pipe will present two primary obstacles: NRCS will require more time for review/evaluation, and potential installation challenges with the size of pipe.

Olsson is evaluating the feasibility of downsizing the pipe to accommodate NRCS standard drawings. Issues that need to be evaluated with changing the pipe size will be: higher T.O.D. = more acres to acquire and more impacts to neighboring farmsteads and increased road impacts.

5.A.1. Design - Olsson

Attached are the monthly Progress Report and Invoice;

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

Danielle Allen and Cody Gerdes will be available to discuss the plan for the immediate future of appraising and easement acquisition for Wahoo Creek and

impacts to site 82.

Olsson real estate acquisitions invoice attached for \$1,619.88
Great Plains Appraisal, Inc. appraisal invoice attached for \$52,300.00
Both are 100% covered by NeDNR JEDI funds.

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

Reimbursement requests were sent to NRCS for \$213,004.46 and NeDNR for \$70,171.27 on October 23rd.

5.B. Dam Site Construction

With the expected NWP to be issued for sites 26AB, and 27 and to avoid potential setbacks with Endangered/Migratory Species (bats and birds) it is advisable to get prep work (tree clearing) completed before 4/1/24. Olsson has delineated areas needed for tree removal that needs to be done prior to dam construction.

5.C. Water Quality - NWQI & 319

6. LOWER PLATTE RIVER COORIDOR ALLIANCE

7. MORSE BLUFF LEVEE

8. WOLFE JETTY

9. LESHARA DRAINAGE IMPROVEMENT

10. EROSION AND SEDIMENT RULES AND REGULATIONS

11. HAZARD MITIGATION PLAN UPDATE

12. OTHER

Reminder about the upcoming Scrap Tier Collection Event:

Saturday, November 11th

8:00 am - 1:00 pm

Christensen Field

1730 W 16th Street

Dodge County Residents Only

NO: dealers, resellers, or businesses that charge a tire disposal fee.

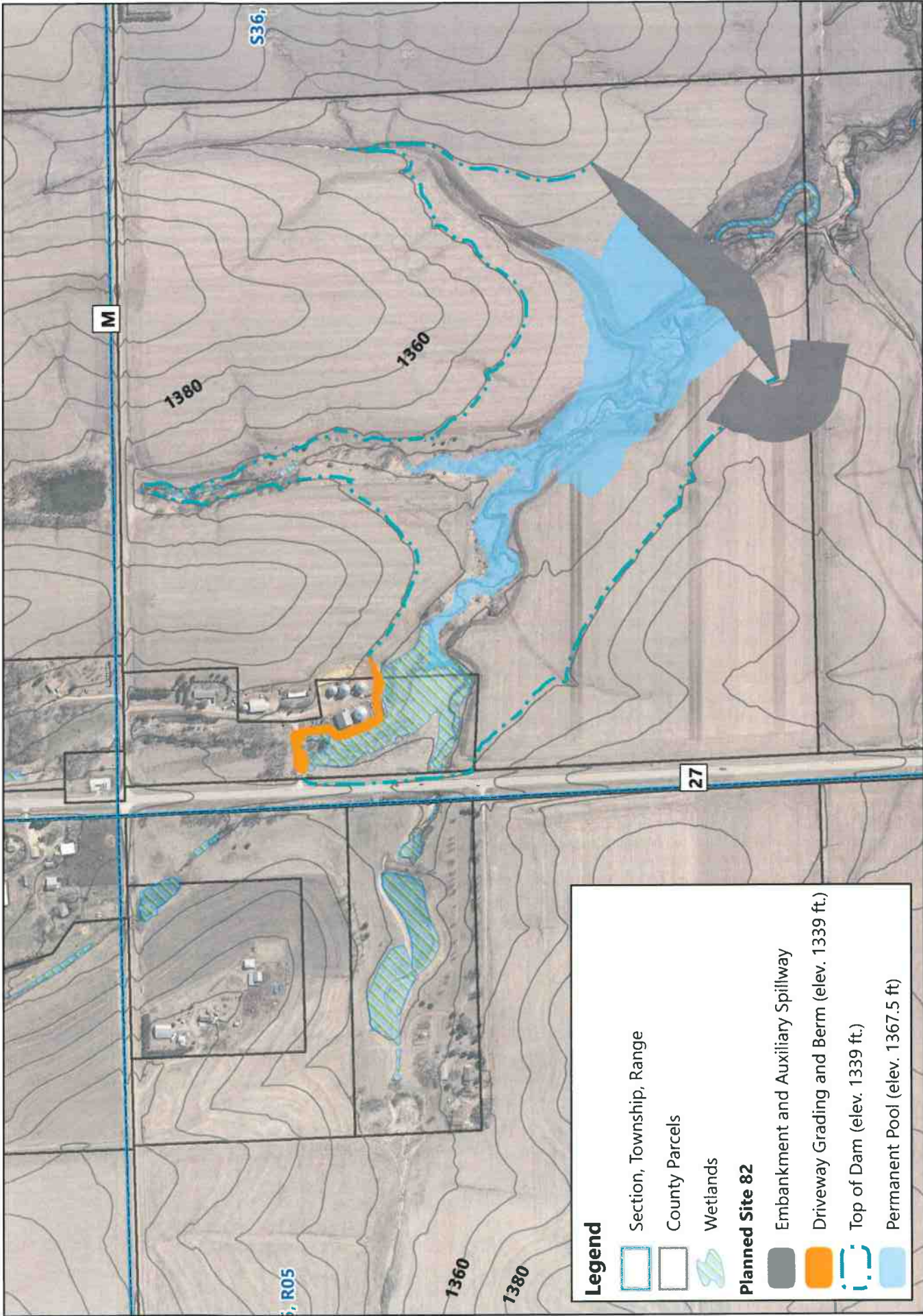
Tires Accepted: car, truck, semi-truck, & tractor

NO rims

Limit of 100 tires per vehicle

Limited assistance - Plan to unload your own

13. ADJOURNMENT



Legend

- Section, Township, Range
- County Parcels
- Wetlands

Planned Site 82

- Embankment and Auxiliary Spillway
- Driveway Grading and Berm (elev. 1339 ft.)
- Top of Dam (elev. 1339 ft.)
- Permanent Pool (elev. 1367.5 ft)



Site 82 - December 2018
 Wahoo Creek Watershed Plan-EA
 Natural Resources Conservation Service
 Lower Platte North NRD

Progress Report for Wahoo Creek Watershed Dams Sites



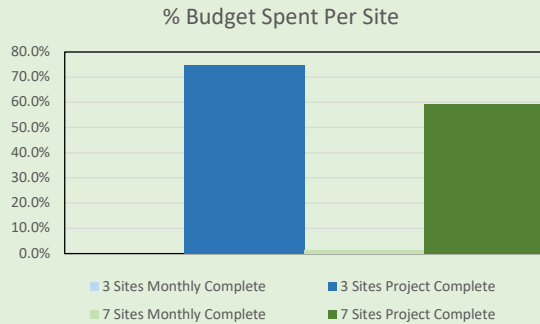
Lower Platte North NRD

For Work Completed During The Month Of : **September, 2023**
(through 10/7/23)

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		0.0%	\$ 14,067.55	60.6%
020 - Geotechnical Engineering	\$ 224,493		0.0%	\$ 226,775.48	101.0%
030 - Dam Design	\$ 184,885		0.0%	\$ 199,168.83	107.7%
040 - Permitting	\$ 86,634		0.0%	\$ 60,884.18	70.3%
050 - Survey and Legal Descriptions	\$ 11,142		0.0%	\$ 23,636.47	212.1%
060 - Community/Public Participation	\$ -			\$ -	
070 - Construction Services	\$ 171,962			\$ 1,590.75	0.9%
				\$ -	
3 Sites Totals	\$ 702,329	\$ -	0.0%	\$ 526,123.26	74.9%

Project # A18-3423 (separate invoice) Sites 55, 66, 77, 82, 84, 85, &86 Project Phase	Phase Totals	Billings for Month		Project Total Billings to Date	
		Current Earned/Billings	% Completed This Month	JTD Earned/Billings	% Completed Overall
100 - Project Management/Meetings	\$ 60,813		0.0%	\$ 33,240.14	54.7%
110 - Geotechnical Engineering	\$ 592,047	\$ 12,598.65	2.1%	\$ 563,416.00	95.2%
120 - Dam Design	\$ 425,202		0.0%	\$ 399,831.35	94.0%
130 - Permitting	\$ 244,810	\$ 11,614.66	4.7%	\$ 140,547.46	57.4%
140 - Survey and Legal Descriptions	\$ 28,165		0.0%	\$ 33,529.76	119.0%
150 - Community/Public Participation	\$ 30,000		0.0%	\$ 5,899.20	19.7%
160 - Other	\$ -			\$ -	
170- Construction Services	\$ 603,992			\$ -	0.0%
7 Sites Totals	\$ 1,985,029	\$ 24,213.31	1.2%	\$ 1,176,463.91	59.3%

Billings For Month	\$ 24,213.31
Total Billings To Date	\$ 1,702,587.17
Project Budget	\$ 2,687,358.00
Budget Remaining	\$ 984,770.83



Summary Of Work Completed This Month	
Sites 26A, 26B, & 27	Sites 55,66,77,82,84,85, & 86
-Awaiting comments from State for submittal of 26a, 26b and 27 -Finalize legal descriptions for 26a, 26b, & 27	- H&H excavation modeling and sheets, principal spillway modeling, plan sheet updates for 60% submittal for Sites 84, 85, and 86. -Geotechnical analysis and report prep for sites 85 and 86. -Project management -Environmental: Coordination with USACE and NRCS, wetland mitigation calculations, permit preparation

Planned Work For Next Month	
Site 26A, 26B, & 27	Sites 55, 66, 77, 82, 84, 85, & 86
-Anticipating comments from the State of Nebraska from November through December	-Meeting with NRCS to discuss potential pipe size changes -Update comments for Site 55 and complete 90% submittal -Updating USACE permit for nationwide permit and individual permits -Begin reviewing NRCS comments for Site 66

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 23, 2023
Invoice No: 474646

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

Invoice Total \$1,619.88

Olsson Project # 023-00443 LPNNRD Wahoo Creek Watershed Flood Reduction Project Real Estate Services
Professional services rendered through October 7, 2023 for work completed in accordance with our Agreement dated February 17, 2023.

Phase 100 Real Estate Acquisitions

Labor

	Hours	Amount	
Principal	6.75	1,551.76	
Totals	6.75	1,551.76	
Total Labor			1,551.76

Reimbursable Expenses

Personal Vehicle Mileage	68.12		
Total Reimbursables		68.12	68.12

Total this Phase \$1,619.88

Billing Limits

	Current	Prior	To-Date
Total Billings	1,619.88	23,444.82	25,064.70
Limit			210,000.00
Balance Remaining			184,935.30

AMOUNT DUE THIS INVOICE \$1,619.88

Billings to Date

	Current	Prior	Total
Labor	1,551.76	20,926.45	22,478.21
Expense	68.12	2,518.37	2,586.49
Totals	1,619.88	23,444.82	25,064.70

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

Authorized By: Danielle Allen

Great Plains Appraisal, Inc.					
Agreement for 60 tracts @ \$2,100 per tract					
Structure	Total Tracts	Total Fee	Invoice 11/1/2023		
26a	4	\$8,400			0.0%
26b	4	\$8,400			0.0%
27	3	\$6,300			0.0%
55	11	\$23,100	23C063	\$11,550	50.0%
66	5	\$10,500	23C064	\$5,250	50.0%
77	12	\$25,200	23C065	\$12,600	50.0%
82	2	\$4,200	23C066	\$4,000	95.2%
84	11	\$23,100	23C067	\$11,550	50.0%
85	2	\$4,200	23C068	\$2,100	50.0%
86	5	\$10,500	23C069	\$5,250	50.0%
TOTAL	59	\$123,900		\$52,300	42.2%

Great Plains Appraisal, Inc.

PO Box 6415

Lincoln, NE 68506

+1 4024163477

INVOICE

INVOICE # 23C063

DATE 10/31/2023

DUE DATE 11/30/2023

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 Creek Watershed - Site 55 - Progress Billing	11,550.00
A 3% convenience fee will apply when making payment by credit card. Progress Billing	
BALANCE DUE	\$11,550.00

INTEREST AT THE RATE OF 1.5% PER MONTH WILL BE CHARGED
ON ALL ACCOUNTS MORE THAN 30 DAYS PAST DUE

Great Plains Appraisal, Inc.

PO Box 6415

Lincoln, NE 68506

+1 4024163477

INVOICE

INVOICE # 23C064

DATE 10/31/2023

DUE DATE 11/30/2023

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 66 Progress Billing

5,250.00

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

BALANCE DUE

\$5,250.00

INTEREST AT THE RATE OF 1.5% PER MONTH WILL BE CHARGED
ON ALL ACCOUNTS MORE THAN 30 DAYS PAST DUE

Great Plains Appraisal, Inc.

PO Box 6415

Lincoln, NE 68506

+1 4024163477

INVOICE

INVOICE # 23C065

DATE 10/31/2023

DUE DATE 11/30/2023

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 - Progress Billing	12,600.00
A 3% convenience fee will apply when making payment by credit card. Progress Billing.	
BALANCE DUE	\$12,600.00

INTEREST AT THE RATE OF 1.5% PER MONTH WILL BE CHARGED
ON ALL ACCOUNTS MORE THAN 30 DAYS PAST DUE

Great Plains Appraisal, Inc.

PO Box 6415

Lincoln, NE 68506

+1 4024163477

INVOICE

INVOICE # 23C0066

DATE 10/31/2023

DUE DATE 11/30/2023

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 Creek Watershed - Site 82	4,000.00
A 3% convenience fee will apply when making payment by credit card.	
BALANCE DUE	\$4,000.00

INTEREST AT THE RATE OF 1.5% PER MONTH WILL BE CHARGED
ON ALL ACCOUNTS MORE THAN 30 DAYS PAST DUE

Great Plains Appraisal, Inc.

PO Box 6415

Lincoln, NE 68506

+1 4024163477

INVOICE

INVOICE # 23C067

DATE 10/31/2023

DUE DATE 11/30/2023

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 84 Progress Billing	11,550.00
A 3% convenience fee will apply when making payment by credit card. Progress billing.	
BALANCE DUE	\$11,550.00

INTEREST AT THE RATE OF 1.5% PER MONTH WILL BE CHARGED
ON ALL ACCOUNTS MORE THAN 30 DAYS PAST DUE

Great Plains Appraisal, Inc.

PO Box 6415

Lincoln, NE 68506

+1 4024163477

INVOICE

INVOICE # 23C068

DATE 10/31/2023

DUE DATE 11/30/2023

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 Progress Billing	2,100.00
A 3% convenience fee will apply when making payment by credit card. Progress Billing	
BALANCE DUE	\$2,100.00

INTEREST AT THE RATE OF 1.5% PER MONTH WILL BE CHARGED
ON ALL ACCOUNTS MORE THAN 30 DAYS PAST DUE

Great Plains Appraisal, Inc.

PO Box 6415

Lincoln, NE 68506

+1 4024163477

INVOICE

INVOICE # 23C069

DATE 10/31/2023

DUE DATE 11/30/2023

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 86 - Progress Billing

5,250.00

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

BALANCE DUE

\$5,250.00

INTEREST AT THE RATE OF 1.5% PER MONTH WILL BE CHARGED
ON ALL ACCOUNTS MORE THAN 30 DAYS PAST DUE

