

Projects Committee Meeting
Thursday, February 29, 2024 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

NRCS sent over Lands for Conservation 2023 payment certification for Austin Vermeline: 40ac * \$235.00/acre

AUSTIN & AMY

VERMELINE	40	\$	9,400.00	9-15N-6E SAUNDERS
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2.C. SWCP Cancellations

2.D. Wahoo Creek Cost Share Approvals

3. JOINT WATER MANAGEMENT ADVISORY BOARD (JWMAB)

There is a Platte River stream bank erosion issue approximately 4 miles east of North Bend by Eason Lake. Joint Water partners are engaged to better understand the problem and figure out a potential solution. If you are contacted about this, please inform Ryan so he can inform our partners.

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

City of Fremont with lots of help from JEO submitted the final grant application to FEMA last week that included NEMA's suggestions. JEO is preparing a politicking handout and partners will need to discuss a strategy for engaging our federal delegation.

3.B. West Fremont - FEMA BRIC

A Platte Township Phase 2 Kickoff meeting is scheduled for Thursday 2/29, 11:00 am, at the Schneider building - 935 S Schnieder, Fremont. Agenda is attached.

3.C. Rawhide Creek Watershed - NRCS WFPO

A virtual progress meeting occurred on February 26. The agenda is attached.

An outstanding issue is FAA approval due to the potential of increasing bird populations from wetland creation via proposed detention cells. JEO is doing a good job of investigating this with the FAA.

Letters went out to the four homeowners upgradient of the cutoff ditch informing them that elevation surveys will occur on March 18th and 19th.

The next progress meeting is scheduled for March 18th, 1:00 pm.

4. SHELL CREEK WATERSHED

4.A. Shell Creek Implementation - 319 & NET

4.A.1. On-site Wastewater Upgrade Payment

Name	Approved Cost Share	Final Cost Share
Roger Goedecken	\$7,500	\$7,046.92
Terry Helmer	\$4,800	\$9,165.19

4.A.2. On-site Wastewater Improvement Application

Name	Approved Cost Share	Final Cost Share
Jesse Labenz	\$11,500*	
Dana Olmer	\$5,562	

*Abnormally high estimate due to size requirements; 6 bedroom house w/ garbage disposal.

4.A.3. Well Decommissioning Application

Bill received two applications for decommissioning wells. We plan to run the applications through Water Committee similar to what is done with wells district wide. Water Committee approves cost share of 75% but has maximum rates established. Rates approved by the Board on 5/9/2022 are attached. Shell Creek funds will be used to cost share the final 25%. Cost above and beyond our approved maximum rates will need to be covered by the landowner. We can utilize the NRD's 75% cost share and any landowner overages as match for our 319 grant.

5. WAHOO CREEK WATERSHED

5.A. Dam Site Planning Update

5.A.1. Design - Olsson

The USACE is still finalizing mitigation plan w/ Olsson. There are concerns from FWS regarding Platte River depletion that need to be finalized. Olsson submitted a scope of services (attached) for a bird and bat survey for sites 26AB and 27. By completing some form of survey to clear an area of any noted bird or bat nests/roosts we could begin earthwork as early as mid-July. One scenario could be Olsson's clearing site 26 (both AB dam sites included) so work could begin this summer and then once roosting season ends 10/31,

earthwork (tree clearing) could begin at site 27. Other scenario would be clearing both sites and once a site is "cleared" it remains safe to do necessary work for 5 years.

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

All easement language regarding wetland mitigation has been tentatively* approved by the USACE.

Danielle Allen will be available to discuss current status of easement acquisitions. Invoice attached

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

5.B. Water Quality - NWQI & 319

We are coordinating with NRCS to fund a position focused 50% on Wahoo Creek NWQI (National Water Quality Initiative) and 50% SWP (Source Water Protection). Goals and deliverables are still being ironed out. At this time, we are discussing 3 years of funding with the ability to add additional funds for a maximum of 5 years. A 50% local match is required which can include in-kind resources. We are targeting having the position filled around July 1st. Creation of this potential new position will be run through Executive Committee.

If this position happens, staff intent is to follow up with a 319 grant application to include funds for onsite wastewater systems and other E. coli targeted practices similar to SCWIG.

6. SKULL CREEK WATERSHED

On 2/27 LPNNRD hosted a WFPO PIFR kickoff meeting for the Skull (& Bone) Creek Watershed. Attendees included: NRCS state office personnel, residents from the watershed, Butler County rep Steager, Directors Birkel, Hilger and Tonnie and NRD staff Elliott, Chapman, ten Bensel, and Gottschalk.

The purpose of the kickoff meeting was for NRCS to explain the WFPO program to potential sponsors, partners, and impacted residents/landowners. NRCS heard accounts from multiple landowner/residents about continuing issues with flooding and erosion concerns. The historical Bone and Skull Creek Watershed studies, and subsequent projects (e.g. Homestead) were also discussed. Much discussion was had over Site 31 from the Skull Creek Watershed and its potential for future inclusion.

A field tour is scheduled for 3/25, an invite to committee members and local directors will be forthcoming.

7. LOWER PLATTE RIVER COORIDOR ALLIANCE

Regarding the water quality trend analysis proposal presentation from USGS at last month's committee meeting. All of the partners including Lincoln Water, MUD, NDEE, NeDNR, LPS, and Papiro have been contacted for a financial commitment. More details are expected at our next committee meeting.

8. OTHER

9. ADJOURNMENT



West Fremont-Platte Township Preferred Alternative Kick-off Meeting

DATE AND TIME | February 29, 2024

PROJECT | Dodge County – West Fremont Scoping Project

JEO Project #201901.00

EMK-2020-BR-013-0015

MEETING | Preferred Alternative Kick-off Meeting

LOCATION | Dodge County EM Building 935 S. Schneider, Fremont, NE

1. Goal of today's meeting
 - Briefly review findings of conceptual alternative identification and selection of preferred alternative (Alternative Development Phase)
 - Review Scope and Schedule to Advance Preferred Alternative
 - Feedback on Stakeholder Engagement and Outreach
2. Conceptual Alternative Development Phase Overview
 - a. Flood Risk Assessment
 - Focus area west of Highway 77/Broad St. south of UPRR tracks
 - Hydrologic & Hydraulic modeling approach coordinated very closely with Rawhide Creek WFPO
 - b. Development of Conceptual Alternatives to reduce risk
 - Structural Alternatives
 1. **Farmland Levee Improvements (5 scenarios)**
 2. Modified Farmland Levee Alignment
 3. Highway 77 NDOT Bridge Replacement
 4. Ridgeland Road Culvert Improvements
 5. Hormel Park Improvements (2 scenarios)
 6. Old North Channel Overflow
 7. Various Lake Berm Improvements
 8. **Fremont Cutoff Ditch Outfall Improvements (3 scenarios)**
 9. **Fremont Cutoff Embankment Improvements (2 scenarios)**
 - Nonstructural Alternatives
 1. Building Modification Techniques – adapting buildings to flood risk to reduce damage potential
 2. Programmatic Techniques – policies and ordinances
 - c. Alternative Screening
 - Eligibility for FEMA BRIC or HMGP funding
 - Regulatory Impacts
 - Political Implications
 - Local Sponsor capacity
 - Etc.
 - d. Selection of Preferred Alternative(s)
 - Nonstructural Alternatives
 1. Flood risk assessment approach and findings
 2. Examples of building types and initial approach to flood risk mitigation

3. Advancement of Preferred Alternative (Nonstructural Alternatives)
 - a. Nonstructural Mitigation Pilot Project
 - Identify 10 buildings for Pilot Project from flood risk areas
 - Coordinate with community engagement
 - Examples of property assessment approach and likely recommendations
 1. Retrofitting
 2. Utilities mitigation
 3. Targeted Acquisition
 4. Other case by case
 - b. Evaluate Floodplain Management Ordinances
 - High level examples
 1. Higher standards for high risk areas (frequent flooding, depth, velocity)
 2. Higher standards for new utilities (elevation, anchoring, methods based on 2019 flood event damage experiences) and a potential process for addressing existing utilities.
 - Small group will be convened to review specifics
 - c. Stakeholder and Community Engagement
 - Implementation Planning Team
 - Outreach approach and tools
4. Schedule
 - a. Stakeholder and Community Outreach – March-May
 - b. Identify 10 buildings for Pilot Project – Late March/early April
 - c. Field Visits to conduct vulnerability assessments – mid-March to mid-April
 - d. Small Group discussion for Floodplain Management Ordinances – mid-March
 - e. Final Recommendations for Floodplain Management Ordinances - mid-April
 - f. Grant Application for Implementation – Summer – Fall 2024
 - Pending FEMA NOFO release
5. Budget
 - a. Task 8 – Design Advancement of Preferred Alternatives
 - Total Budget - \$87,500.00
 - Used To date – \$40,006.25
 - Available to complete - \$47,493.75
 - b. Task 9 – Final Grant Application
 - Total Budget - \$12,500.00
6. Next Step/Action Items
 - a. Finalize 10 vulnerability assessment sites
 - b. Identify Floodplain Management Ordinance small group members
 - c. Identify implementation planning team



Rawhide Creek WFPO Plan-EA Progress Meeting - Agenda

DATE AND TIME | February 26, 2024; 10:00-11:00 AM

PROJECT | Rawhide Creek WFPO Plan-EA

JEO PROJECT NO. | 200881.00

LOCATION | Teams

Attendees:

JEO: John Petersen, Lalit Jha, Ross Lawrence, John Callen, Colleen Ocken

County: Tom Smith, Pat Tawney, Bob Missel

City: Justin Zetterman

NRD: Ryan Chapman, Sean Elliott

Priority Topics:

WFPO:

1. Plan Writing and State NRCS Comments

Rawhide WFPO:

1. Alternatives, Review Comments, Etc

- a. Fremont Cutoff
- b. Detention Cells
 - i. Depletions
 - ii. Wetland vegetation establishment
 - iii. FAA
 - iv. Updates to include grade control at inlet areas
 - v. Updates to treat detention cells as one structure
- c. Economics
 - i. Updating based upon comments, review discussion

2. Field Work

- a. Cultural Resources – completed and received report
- b. Environmental Science (wetlands) – completed
- c. Geotech – waiting on final report

3. Plan-EA Document

- a. Updating based upon received comments
- b. Anticipated to be ready for next submittal at end of March

4. Public Involvement and Upcoming Meetings

- a. Next formal meetings are: Final Agency Scoping Meeting and Public Comment/Open House
 - i. After draft plan, likely Spring

5. Other Discussion Points

- a. Platte Township or East Drainage Coordination

6. Project Milestones and Schedule Overview



Rawhide Creek WFPO Plan-EA Progress Meeting - Agenda

Milestone	Meeting Name	Focus	Schedule
Kick-off Meeting	Kickoff Meeting	Project Overview & Planning Process	September 22, 2021
Public & Agency Scoping Meetings	Scoping Meetings #1	Scoping	November 18, 2021
Post Discussion of Scoping	Post-Scoping	Hydrology & Hydraulics Purpose & Need Refinement Alternatives Identification	<i>Tentative: Early January 2022</i>
Review Data Collection Needs			
Alternatives Discussion			
Plan-EA Development Phase 30%	30%	Hydrology & Hydraulics, existing conditions	<i>March 30, 2022 1:00 PM, Teams</i>
Review Conceptual Design Alternatives	Alternatives Review	Wetland/Aquatic Impacts 404(b)(1) analysis	<i>August 1, 2022</i>
— Cost/logistics/technology			
— Avoid/minimize/mitigate			
Plan-EA Development Phase 60%	60%	Alternatives Evaluation Economic Analysis	<i>December 1, 2022</i>
Review Clean Water Act (CWA)	Clean Water Act Review	Wetland/Aquatic Impacts 404(b)(1) analysis	<i>February 13, 2024</i>
— Requirements [including 404(b)(1)]			
Plan-Development Phase 90%	90%	Alternative Selection Mitigation and other issues Next Steps in Process	<i>February 8, 2024</i>
Prepare Draft Plan-EA for NRCS submittal to NWMC	n/a	n/a	<i>Tentative: End March 2024</i>
Public & Agency Scoping Meetings	Scoping Meetings #2	Presenting preferred alternative	<i>Tentative: TBD</i>
Addressing NWMC review comments	Comment Review Meeting	Developing responses to comments from NWMC	
Public & interagency review	n/a	n/a	<i>Fall 2024</i>
Finalization of Plan-EA			
Prepare Final Plan-EA for NRCS submittal for Authorization			

7. Questions/Needs/Next Steps

- a. Next Progress Meeting: March 18
- b. Summarize Action Items from today's meeting

**Lower Platte North Natural Resources District
Application for Abandoned Well Cost Share Program Form**

Landowner Information:

Name _____
Address _____
City _____
State _____ Zip _____
Phone _____
Social Security # _____

Tenant/Contact Person:

Name _____
Address _____
City _____
State _____ Zip _____
Phone _____
Social Security # _____

Under this agreement:

- 1.) The landowner must complete and return to the NRD:
 - a.) Both sides of this application before the well is plugged (be sure well is within LPNNRD boundary)
 - b.) ASCS 8" aerial photo denoting well location and access route(s)
 - c.) Copy of well registration (if registered)
 - d.) State Well Abandonment Reporting Form (to be filled out by contractor and return to NRD after plugging with a copy of the paid bill)
- 2.) The landowner will allow access to NRD personnel so they may inspect the potential project.
- 3.) The NRD will notify the landowner and/or tenant of project approval or denial. The landowner/tenant must have the project completed and bill submitted with six (6) months of the project approval.
- 4.) In addition to the well plugging procedures of the Nebraska Department of Health regulations (Title 178, Chapter 12), the following are required:
 - a.) removal of the upper three feet of casing
 - b.) a second plug from three to eight feet below the land surface
- 5.) It is the landowner's responsibility to fill out proper well abandonment forms from the Department of Water Resources if the well is registered.
- 6.) The landowner will hold the NRD harmless in the case of accident.
- 7.) Upon completion of the project, the NRD will pay the landowner up to 75% of the cost of the well plugging procedure depending on available funding. The NRD will pay only reasonable and customary rates as advised by the LPNNRD Committee.
- 8.) Any well plugged prior to NRD approval **will not** be eligible for cost share assistance.

Signature of Landowner/Tenant

Date

(This page is to be filled out by the contractor and must be complete for consideration.)

Certified Well Driller/Pump Installer Information:

Name _____ Phone _____
 Address _____
 City _____ State _____ Zip _____

Legal Location: _____ 1/4 _____ 1/4 Section _____ Township _____ Range _____ (E/W)
 Is well registered: No Yes (attach registration form)
 Type: (circle one) Hand-dug Domestic Stock Irrigation
 Registration Number: _____ Year Drilled: _____ Casing Material: _____
 Total Depth: _____ ft. Static Water Level: _____ ft. Casing Diameter: _____ in.
 Obstructions(s) over well: None Windmill Well House Pump
 (please circle) Fences Stock Tank Concrete Pad Other

Comments:

Estimated Cost of Decommissioning		Number of Units	Price per Unit	Total
Action	Item			
Removal of Pump and obstruction				
Disinfecting material				
Fill Material				
Sealing material at water level				
Sealing material at 3 – 8 feet level				
Material to cap top of casing				
Backhoe labor				
General labor				
Mileage				
Miscellaneous costs (explain)				
Taxes				

I hereby certify that the total charge of \$_____ is the same charge presented to the landowner and I will **not** refund any part of the same to the landowner and I will require full payment in cash. I further consent that the Lower Platte North NRD shall have the right to inspect my records to verify that proper procedures were followed.

For LPNNRD Use Only		
_____ Preplug inspection date by _____	Total cost of abandonment	\$
_____ Postplug inspection date by _____	X 75% = Total NRD Funding	

Signature of Contractor

Date

SCOPE OF SERVICES

This exhibit is hereby attached to and made a part of the Letter Agreement for Professional Services dated February 13, 2024 between Lower Platte North Natural Resources District (“Client”) and Olsson, Inc. (“Olsson”) providing for professional services. Olsson’s Scope of Services for the Agreement is indicated below.

PROJECT DESCRIPTION AND LOCATION

Project will be located at: Upper Wahoo Creek, Saunders County, Nebraska

Project Description: Bat Presence/Absence and Migratory Bird Treaty Act (MBTA) Nest Surveys

SCOPE OF SERVICES

Olsson shall provide the following services (Scope of Services) to the Client for the above-mentioned project:

A. OLSSON WILL PROVIDE:

Olsson will complete bat surveys for the project study area near Prague, Nebraska. The bat surveys are to cover the federally listed northern long-eared bat (*Myotis septentrionalis*) and the federal candidate tricolored bat (*Perimyotis subflavus*).

The tricolored bat is not anticipated to be officially listed until April 2024; and therefore, no current survey guidelines are available for this species. Until coordination with the U.S. Fish and Wildlife Service (USFWS) occurs to determine which protocol they deem necessary to capture the appropriate data, we are listing several options. The protocol the USFWS picks may be acoustic surveys, mist-netting surveys, or a combination of both. Acoustic surveys can be completed for all three dam sites at one time, whereas mist-netting surveys will need to be completed for one dam site at a time to meet the requirements of the survey protocol. Olsson will plan to present acoustic surveys as the preferred option, but USFWS will have the final say based on updated guidance for these species.

TASK 100 – Bat Acoustic Surveys

USFWS guidelines for acoustic surveys of non-linear projects require 14 detector nights per 123 acres at two detector locations. Surveys will be conducted during late spring or summer (May 15 – August 15). Based on a desktop review, it is estimated there are less than 123 acres of suitable habitat for bats at Site 26 (A & B) and Site 27. Olsson will deploy two detectors, at two sites, for seven nights (two detector sites for seven nights = 14 detector nights) for each site. In addition to the acoustic surveys, habitat assessments will be conducted according to USFWS guidelines at each detector location. For the acoustic survey, Olsson will use Wildlife Acoustics SM4BAT FS detectors (Wildlife Acoustics, Maynard, Massachusetts, USA) at appropriate locations.

The proposed survey sites are tentative, and actual survey sites will be selected in the field by a qualified biologist. Bat detector microphones will be placed in areas where our biologists believe there is the best chance of recording high-quality calls (i.e. along probable bat travel corridors). Olsson will deploy microphones:

- At least 3 meters from any obstructions within the zone intended to be sampled.
- Oriented parallel to woodland edges where present.
- More than 15 meters from known or suitable bat roosts.
- In areas without or with minimal vegetation within 10 meters in front of the microphone.
- At least 200 meters apart and distributed in appropriate habitats across the dam sites.

Locations of microphones will be plotted using the global positioning system (GPS) to verify location and spacing. Each microphone's placement and orientation will be photographed to document microphone set-up. Microphones will be tested for sensitivity before and after deployment and on each occasion when data is downloaded.

Acoustic monitoring will be set to record at least the whole period from sunset to sunrise. Weather will be monitored at the nearest National Oceanic and Atmospheric Administration National Weather Service Station to document compliance with required weather criteria outlined in the guidelines. A night's recording will be considered successful if:

- The air temperature is at least 10 degrees Celsius (50 degrees Fahrenheit) in the first five hours after sunset.
- Sustained wind speed does not exceed 4 meters/second for more than 30 minutes in the first five hours after sunset.
- Any precipitation that occurs is less than 30 minutes of continuous duration during the first five hours of the survey period.

If these weather conditions are not met in any sample night, that sample night will be repeated until appropriate weather conditions occur.

Recorded bat calls will be retrieved from the detectors twice, once in the middle of the survey and once the survey ends. All bat files will be initially screened by a bat biologist and will be run through currently approved version of Kaleidoscope® Pro (KaPRO) bat identifier for auto-identification of bat species. All calls collected during nights where *Myotis* and *Perimyotis* calls are identified will be manually vetted to verify findings of the automated classification. In addition to KaPRO, Sonobat TM 3.1.1 NE (Sonobat) software may also be used to aid in manual vetting.

The report will include all the information required under USFWS guidelines, including all raw data files, documentation of weather conditions, maps indicating actual locations of bat detectors, photographs of each bat detector set-up and zone of reception, appendices containing KaPRO auto-identification output, and results from manual interpretation of calls, if performed. Manual interpretation of calls will be documented with notes of call features that were used to make manual identifications.

TASK 200 – Mist-Netting Surveys

USFWS guidelines for mist-netting surveys for non-linear projects require ten (10) net nights per 123 acres at two locations. Surveys will be conducted during late spring or summer (May 15 – August 15). Based on a desktop review, it is estimated there are less than 123 acres of suitable habitat for bats at Site 26. Olsson will deploy four nets, at two sites, for three nights

(four nets for three nights = 12 net nights). In addition to the mist-netting surveys, habitat assessments will be conducted according to USFWS guidelines at each net location.

The proposed survey sites are tentative, and actual survey sites will be selected in the field by a qualified biologist. Nets will be placed in areas where our biologists believe there is the best chance of catching bats, so in potential travel corridors as well edge habitats. Olsson will deploy nets:

- In corridors with overhanging branches, most often within nine meters of the ground.
- Net sites will be placed a minimum of 30 meters apart.
- Net locations will not be sampled more than two nights.
- Changing net locations may improve capture success.
- Surveys will be conducted for at least five hours beginning at sunset.

The report will include all the information required under USFWS guidelines, including all data sheets, documentation of weather conditions, maps indicating actual locations of mist nets, photographs of each net location set-up, and results of the survey.

TASK 300 – MBTA Surveys

Olsson will conduct a survey for nests of bird species protected under the MBTA at Site 26. The survey will be conducted by traversing the area where trees will be removed using optics such as binoculars to determine if any nests of protected species are present. Olsson will document the location of any nests present using sub-meter accuracy global positioning system unit. Olsson will prepare a memo documenting the findings of the survey and recommendations to comply with the MBTA. The survey results will be acceptable for a period of seven (7) days, after which, uncleared areas will need to be surveyed again. If an active nest is identified, a 50-foot recommended buffer should be placed around the nest where no tree clearing should occur.

TASK 400 – MBTA Additional Site Visits

If any additional site visits are required for uncleared areas or to check the status of initially active nests, it will be for a set fee of \$3,000 per site visit. Olsson assumes no more than two additional site visits per site will be needed. If additional site visits are needed additional fees may apply.

B. ASSUMPTIONS

- Olsson assumes that weather may prolong acoustic survey efforts up to two nights. Any further weather delays may result in a request for additional fees and delayed schedule.
- Olsson assumes survey protocol for the tricolored bat will be the same for mist netting and acoustic sampling requirements. If the April 2024 protocol requires more survey nights than the current protocol for Indiana and northern long-eared bats, additional fees may be necessary.

CLIENT WILL PROVIDE:

1. General Project Location Map
2. Arranged access to the project study area

ITEMS NOT INCLUDED IN SCOPE:

1. Coordination with the USFWS outside of the survey protocol clarification as required by the Endangered Species Act section 10 permit requirements.
2. Additional Site Visits with USFWS
3. Bald and Golden Eagle Nest Coordination

If additional services are necessary in the future, Olsson will provide a revised scope and fee for these services.

C. COMPENSATION

Task	Description	Fee Type	Fee
Task 100	Acoustic Surveys (Site 26 & Site 27)	TMNTE	\$16,500
Task 200	Mist-Netting Surveys (Site 26)	TMNTE	\$35,000
Task 300	Migratory Bird Treaty Act Surveys (Site 26)	TMNTE	\$8,500
Task 400	MBTA Additional Site Visits (x2)	TMNTE	\$6,000
Total			\$66,500

D. SCHEDULE FOR OLSSON'S SERVICES

Unless otherwise agreed, Olsson expects to perform its services under the Agreement as follows:

Anticipated Start Date: Upon receipt of signed contract

Anticipated Completion Dates:

Acoustic Survey: Presence or absence results will be provided within 14 days and the report will be submitted within 45 days of completing the field work and disassembling detectors.

Mist-Netting Survey: Presence or absence results will be provided within 7 days and the report will be submitted within 45 days of completing the field work.

MBTA Surveys: The technical memo with results will be provided the following day after field work is completed.

Olsson will endeavor to start its services in accordance with the schedule above. However, the schedule is approximate only, and Olsson reserves the right to adjust its schedule at its sole discretion, for any reason, including, but not limited to, delays caused by Client or delays caused by third parties.

Should the Client request work in addition to this Scope of Services, Olsson shall invoice the Client for such additional services (Optional Additional Services) at the standard hourly billing labor rate charged for those employees actually performing the work, plus reimbursable expenses if any. Olsson shall not commence work on Optional Additional Services without Client's prior written approval.

Olsson agrees to provide all of its services in a timely, competent and professional manner, in accordance with applicable standards of care, for projects of similar geographic location, quality and scope.

OLSSON, INC.

By Caleb Pharris

Caleb Pharris, Senior Scientist

Jessica Casey

Jessica Casey, Project Scientist

If you accept this Scope of Services, please sign:

Lower Platte North NRD

By _____

Signature

Print Name _____

Title _____

Dated: _____

Invoice



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

February 21, 2024
 Invoice No: 488076

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

Invoice Total \$20,926.34

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

Professional services rendered December 31, 2023 through February 3, 2024 for work completed in accordance with agreement.

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

Labor

	Hours	Amount	
Administrative/Clerical	.50	41.91	
Totals	.50	41.91	
Total Labor			41.91
			Total this Phase \$41.91

 Phase 110 Geotechnical Engineering

Labor

	Hours	Amount	
Project Professional	19.75	2,971.95	
Administrative/Clerical	2.00	151.69	
Totals	21.75	3,123.64	
Total Labor			3,123.64
			Total this Phase \$3,123.64

 Phase 120 Dam Design

Labor

	Hours	Amount	
Project Professional	6.50	997.82	
Assistant Professional	33.50	3,496.67	
Designer	16.00	2,008.96	
CAD Operator	153.25	10,519.77	
Totals	209.25	17,023.22	
Total Labor			17,023.22

Reimbursable Expenses

Personal Vehicle Mileage	44.54	
Total Reimbursables	44.54	44.54

Total this Phase \$17,067.76

Phase 130 Permitting

Labor

	Hours	Amount	
Project Manager	2.25	392.68	
Project Professional	2.50	300.35	
Totals	4.75	693.03	
Total Labor			693.03

Total this Phase \$693.03

AMOUNT DUE THIS INVOICE \$20,926.34

Authorized By: Andrew Phillips

Progress Report for Wahoo Creek Watershed Dams Sites



Lower Platte North NRD

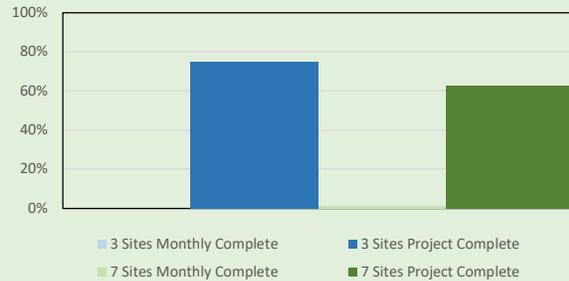
For Work Completed During The Month Of : **January, 2024**
(through 02/03/24)

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	\$ 41.91	0.1%	\$ 33,282.05	54.7%
110 - Geotechnical Engineering	\$ 592,047	\$ 3,123.64	0.5%	\$ 584,276.41	98.7%
120 - Dam Design	\$ 425,202	\$ 17,067.76	4.0%	\$ 431,443.49	101.5%
130 - Permitting	\$ 244,810	\$ 693.03	0.3%	\$ 158,217.58	64.6%
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	\$ 20,926.34	1.1%	\$ 1,246,648.49	62.8%

Billings For Month	\$ 20,926.34
Total Billings To Date	\$ 1,772,771.75
Project Budget	\$ 2,687,358.00
Budget Remaining	\$ 914,586.25

% Budget Spent Per Site



Summary Of Work Completed This Month	
Sites 26A, 26B, & 27	Sites 55,66,77,82,84,85, & 86
-Had meeting with DNR and discussed comments for Site 26a -Changes made to plans based upon those comments	-Updates for geotechnical reports and Site 55 -Mitigation Plan updates for Environmental - Report review and updates for Site 86 -Site 55 additional investigation information for NRCS -Site 84, 85, 86 plans and specification updates and foundation drain updates and chimney drain discussions. -Site 66 water resources updates including stage storage

Planned Work For Next Month	
Site 26A, 26B, & 27	Sites 55, 66, 77, 82, 84, 85, & 86
-Submitting 26a for final approval early March and 26b and 27 early April with goal to have state approval by end of April	-Finish NRCS comments and submit 90% for Site 66 -Complete field exploration for Site 55 -Finalize 90 submittal for Sites 84, 85, and 86 -Unable to get fee pricing from supplier. Will modify approach and look to get final decision for design of Site 77

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

February 23, 2024
Invoice No: 488790

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

Invoice Total \$1,533.24

Olsson Project # 023-00443 LPNNRD Wahoo Creek Watershed Flood Reduction Project Real Estate Services
Professional services rendered through February 3, 2024 for work completed in accordance with our Agreement dated February 17, 2023.

Phase	100	Real Estate Acquisitions		
Labor				
			Hours	Amount
Principal			6.50	1,533.24
	Totals		6.50	1,533.24
	Total Labor			1,533.24
			Total this Phase	\$1,533.24

Billing Limits	Current	Prior	To-Date
Total Billings	1,533.24	37,170.86	38,704.10
Limit			210,000.00
Balance Remaining			171,295.90
	AMOUNT DUE THIS INVOICE		\$1,533.24

Billings to Date	Current	Prior	Total
Labor	1,533.24	34,087.66	35,620.90
Expense	0.00	3,083.20	3,083.20
Totals	1,533.24	37,170.86	38,704.10

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

Authorized By: Danielle Allen