

Projects Committee Meeting
Thursday, June 1, 2023 7:30 AM
Lower Platte North NRD Office
P.O. Box 126
Wahoo, NE 68066

1. UNFINISHED BUSINESS
2. JOINT WATER MANAGEMENT ADVISORY BOARD (JWMAB)
 - 2.A. East Fremont/Elkhorn Township Drainage - FEMA HMPG
Representatives from the County, City, and JEO are in attendance to discuss NRD contributions to the project.
 - 2.B. West Fremont - FEMA BRIC
 - 2.C. Rawhide Creek Watershed - NRCS WFPO

Not much new except a few notes from John Peterson, JEO, on May 12th:
- I might have tracked down somebody to talk to about the KWEA property (where the detention cells are proposed). They're supposed to get back to me soon.
- Field work will be starting shortly. I'll keep you posted on status in case you get any calls from landowners.
- We're wrapping up comments on another plan that recently received comments from National. Once we sort those out, we'll get the current Chapters for Rawhide updated appropriately and sent out to you for review.

3. SWCP
 - 3.A. SWCP Application Approvals
 - 3.B. SWCP Payments
Five tree planting cost-shares for SWCP payment approval:

Derek Simonds - 230 trees - \$432.40
Bill Zumbrennen - 232 trees - \$436.16
Seth McGinn - 800 trees - \$1,504.00
Angie Fuhlrodt - 258 trees - \$485.04
Jordan Larsen - 200 trees - \$376.00

Totals - 1720 trees - \$3,233.60
 - 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 and NET

Requested changes to the 319 Watershed Management Plan and Project Implementation Plan went to EPA the week of May 30th. Students at Newman Grove, Lakeview, and Schuyler High Schools are actively monitoring Shell Creek and its tributaries.

4.B. Wahoo Creek Watershed

4.B.1. Dam Site Planning

4.B.1.a. Design - Olsson

Progress Report and Invoice attached.

Focus of work on first three sites has been coordination with the USACE and the mitigation plan; shifting area of mitigation for first phase to Site 26 from site 27. A meeting is scheduled for 6/1, at 1:00, between NRD, Olsson, and USACE to finalize plan for mitigation permit(s).

On 5/19, NRD, Olsson and Saunders county met to discuss road impacts on site 26. A plan similar to site 77 impact (culvert/road raise) will be planned and presented to Saunders county Road & Bridge committee on 6/13.

Also wrapping up 90% comments from NRCS and working on 60% submittal returns for 77, 66, 55, 82

4.B.1.b. Real Estate - Olsson and Great Plains Appraisal

Invoice attached. Danielle with Olsson will be reaching out to title companies on our behalf to get quotes for the following services as required by our funding sources:

Prepare initial title commitments, prepare settlement statements, easement deeds and any other closing documents, provide closing services, record deeds and any other necessary documents and issue final title policies.

Once mitigation areas are permanently defined Cody Gerdes, Great Plains Appraisal, will plan on getting out to the field to appraise the properties. Planning on 7/1 to start.

4.B.1.c. Funding - NRCS WFPO and NeDNR JEDI

As mentioned last month, our NeDNR agreement was amended to allow for permanent easements. We will need to work with a title company to facilitate this process including title insurance.

Reimbursement requests are being prepared and will go out in the next month. We have roughly \$300k from NRCS and \$300k from NeDNR to request.

4.B.2. Water Quality - NWQI & 319

Representatives from NRCS, NDEE, and the NRD met on May 12th and May 26th to discuss planning for the National Water Quality Initiative (NWQI) in the Wahoo Creek Watershed. Needed updates to the 319 Watershed Management Plan were also discussed. Meetings will continue for several months with the

hope of having an approved NWQI and updated 319 plans. These plans will enable hiring a full or part time coordinator similar to Shell Creek, on the ground projects, and increased landowner costshare.

4.C. Skull & Bone Watersheds

We received some feed back from NRDS on an estimated timeline for WFPO that will be included in a future Viaduct article.

- 2-3 years - NRCS planning assistance request (requested in April 2023)
- 2-3 years - Plan Update (begin in 2025): planning, design alternatives, stakeholder outreach
- 3-5 years - Final design, land rights, permitting
- Summary: 7 to 11 years before construction begins

Potential water quality initiatives are discussed below in LPRCA agenda item.

5. HAZARD MITIGATION PLAN UPDATE

6. MORSE BLUFF LEVEE

7. WOLFE JETTY

Colfax County has a signed funding agreement with NeDNR.

8. LESHARA DRAINAGE IMPROVEMENT

Leshara request for \$442.50 attached.

9. LOWER PLATTE RIVER COORIDOR ALLIANCE

LPRCA meeting occurred on May 31st. Agenad and draft budget is attached.

Future projects may include a water quality trend analysis based off of the USGS real time monitoring network (proposal attached) and a summer 2023 directors tour (LPS & Papio).

Updates were given by all 8 member organizations.

Action was taken to approve updating the Water Quality Management Plan in house. The 3 NRDs and NDEE will jointly work on this over the next year. This update will enable work in Skull and Bone Headwaters watersheds similar to Shell Creek.

Kevin Kruse, JEO, was in attendance to give a brief presentation on the East Fremont/Elkhorn Township Project. Action was taken to approve a letter of support for the Project.

10. EROSION AND SEDIMENT RULES AND REGULATIONS

The Water Committee is currently working through a variance issue in Butler County that includes erosion and sedimentation concerns.

11. OTHER

12. ADJOURNMENT

Progress Report for Wahoo Creek Watershed Dams Sites



Lower Platte North NRD

For Work Completed During The Month Of : April, 2023

(through 5/6/23)

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	\$ 1,962.72	1.1%	\$ 195,616.41	105.8%
040 - Permitting	\$ 86,634	\$ 5,343.37	6.2%	\$ 57,924.92	66.9%
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	\$ 7,306.09	1.0%	\$ 519,611.58	74.0%

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	\$ 1,411.25	2.3%	\$ 30,349.09	49.9%
110 - Geotechnical Engineering	\$ 592,047	\$ 21,226.38	3.6%	\$ 461,899.81	78.0%
120 - Dam Design	\$ 425,202	\$ 40,223.11	9.5%	\$ 280,657.14	66.0%
130 - Permitting	\$ 244,810	\$ 4,963.28	2.0%	\$ 74,082.55	30.3%
140 - Survey and Legal Descriptions	\$ 28,165		0.0%	\$ 31,508.10	111.9%
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	\$ 67,824.02	3.4%	\$ 884,395.89	44.6%

Billings For Month	\$ 75,130.11
Total Billings To Date	\$ 1,404,007.47
Project Budget	\$ 2,687,358.00
Budget Remaining	\$ 1,283,350.53

% Budget Spent Per Site



Summary Of Work Completed This Month	
Sites 26A, 26B, & 27	Sites 55,66,77,82,84,85, & 86
-NRCS design comments update for structural and H&H -Environmental mitigation calculations, NeSCAP reporting, creating maps, alternative discussions with USACE	- H&H excavation modeling and sheets, principal spillway modeling, plan sheet updates for 60% submittal for Sites 55,66, 77, and 82. -Geotechnical analysis, laboratory and report prep for sites 66 and 82. -Project management

Planned Work For Next Month	
Site 26A, 26B, & 27	Sites 55, 66, 77, 82, 84, 85, & 86
-Continued updates based upon NRCS comments for 90% plans. Goal is to have comments completed by end of May. -Meeting with USACE and NRCS to discuss alternative analysis in June	-H&H design, centerline layout, and auxiliary spillway design -Geotechnical design calculations -Revised goal is to have 60% design submittal for sites 66 & 82 by mid June

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

May 17, 2023
Invoice No: 456579

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

Invoice Total \$7,306.09

Olsson Project # 018-34230 Lower Platte North NRD Wahoo Creek Watershed & 3 Dam Sites
Professional services rendered April 9, 2023 through May 6, 2023 for work completed in accordance with agreement.

Phase	030	Dam Design 26a, 26b, 27	
Labor			
		Hours	Amount
Principal		.50	88.99
CAD Operator		21.50	1,873.73
	Totals	22.00	1,962.72
	Total Labor		1,962.72
		Total this Phase	\$1,962.72

Phase	040	Permitting	
Labor			
		Hours	Amount
Principal		2.00	456.82
Assistant Professional		41.25	4,886.55
	Totals	43.25	5,343.37
	Total Labor		5,343.37
		Total this Phase	\$5,343.37

Billing Limits	Current	Prior	To-Date
Total Billings	7,306.09	512,305.49	519,611.58
Limit			702,329.00
Balance Remaining			182,717.42
	AMOUNT DUE THIS INVOICE		\$7,306.09

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

May 17, 2023
Invoice No: 456583

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

Invoice Total \$67,824.02

Olsson Project # A18-34230 Lower Platte North NRD Wahoo Creek Watershed & 7 Dam Sites
Phase II
Professional services rendered April 9, 2023 through May 6, 2023 for work completed in accordance with agreement.

Phase	100	Sites 55 66 77 82 84 85 86 Project Management	Hours	Amount
Labor				
Principal			5.50	1,411.25
	Totals		5.50	1,411.25
	Total Labor			1,411.25
		Total this Phase		\$1,411.25

Phase	110	Geotechnical Engineering	Hours	Amount
Labor				
Assistant Engineer			60.75	5,946.82
Technician			1.50	112.59
Project Professional			87.50	12,199.25
Assistant Professional			1.00	158.70
Administrative/Clerical			1.75	139.02
	Totals		152.50	18,556.38
	Total Labor			18,556.38

Unit Billing				
Atterberg Limit				
	1 Test @ \$95/Test			95.00
Triaxial Comp Cons Undrained-Remold				
	1 Test @ \$2400/Test			2,400.00
Triaxial Comp Unconsolidated Undrained				
	1 Test @ \$175/Test			175.00
	Total Units		2,670.00	2,670.00
		Total this Phase		\$21,226.38

Phase	120	Dam Design
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INVOICE PAYMENT IS REQUESTED WITHIN 30 DAYS

Labor

	Hours	Amount
Principal	21.75	3,387.13
Assistant Professional	220.75	21,349.28
Designer	125.50	15,486.70
Totals	368.00	40,223.11
Total Labor		40,223.11
Total this Phase		\$40,223.11

Phase 130 Permitting

Labor

	Hours	Amount
Principal	2.00	456.82
Assistant Professional	39.75	4,506.46
Totals	41.75	4,963.28
Total Labor		4,963.28
Total this Phase		\$4,963.28

AMOUNT DUE THIS INVOICE \$67,824.02

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

May 25, 2023
Invoice No: 458322

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

Invoice Total \$6,633.29

Olsson Project # 023-00443 LPNNRD Wahoo Creek Watershed Flood Reduction Project Real Estate Services
Professional services rendered through May 6, 2023 for work completed in accordance with our Agreement dated February 17, 2023.

Phase 100 Real Estate Acquisitions

Labor

	Hours	Amount	
Principal	14.50	3,333.41	
Assistant Professional	34.25	2,858.11	
Designer	1.00	123.40	
Totals	49.75	6,314.92	
Total Labor			6,314.92

Reimbursable Expenses

Meals		22.96	
Personal Vehicle Mileage		295.41	
Total Reimbursables		318.37	318.37

Total this Phase \$6,633.29

Billing Limits

	Current	Prior	To-Date
Total Billings	6,633.29	8,002.19	14,635.48
Limit			210,000.00
Balance Remaining			195,364.52

AMOUNT DUE THIS INVOICE \$6,633.29

Billings to Date

	Current	Prior	Total
Labor	6,314.92	8,002.19	14,317.11
Expense	318.37	0.00	318.37
Totals	6,633.29	8,002.19	14,635.48

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

Authorized By: Danielle Allen

Drainage Improvement Project - Phase 1 Payments											
Payment	Date	Amount Paid	Grant	pd	NRD	pd	Leshara				
#1	JEO	11/15/22	10,547.85	8,765.51	x	891.17	x	891.17	\$10,547.85		
#2	JEO	12/20/22	5,067.85	4,211.51		428.17		428.17	\$5,067.85		
	JEO	1/17/23	4,805.70	3,993.65		406.02		406.03	\$4,805.70	NRD	
	JEO	2/21/23	13,293.80	11,047.14		1,123.33		1,123.33	\$13,293.80	2,316.48	
	SEND	2/21/23	17,801.25	17,801.25					\$17,801.25	-428.17	ck#69062975
	JEO	3/21/23	4,248.66	3,530.74		358.96		358.96	\$4,248.66	-652.97	ck#69689691
Total #2			45,217.26	40,584.29	x	2,316.48		2,316.49	45,217.26	1,235.34	Requested 4/12/23
#3	JEO	4/18/23	5,236.64	4,351.64	x	442.50		442.50	\$5,236.64		
		Total	55,765.11	49,349.80		3,207.65		3,207.66	55,765.11		



April 28, 2023

Attn: Paula Wagner

RE: Village of LeShara CDBG 21-PW-013 Drawdown #3

Dear Paula Wagner:

Enclosed is Drawdown #3 for your CDBG 2021 Public Works project. After you have reviewed the material, please have Chief Elected Official, Melvina Ruhe-Langfeldt, and yourself sign the Drawdown (DD) as noted and mail the original DD form back to SEND D for processing. Please sign all documents in "BLUE INK" and place in File IV.

After the DD documents are submitted, the can expect an automatic transfer from the Nebraska Department of Economic Development (NDED) within 10-30 business days that will be deposited into the designated Community Development Block Grant (CDBG) account. Once received, please write the following check(s):

	TOTAL	CDBG	Match
Drawdown #: The following bills have not yet been paid.			
JEO Invoice: 140465 Activity: 03K Streets/Bridges	\$ 5,236.64	\$4,351.64	\$885.00
Totals:	\$ 5,236.64	\$4,351.64	\$885.00

According to the above figures, the Village should make the following payments:

Activity Code: 03K Streets/Bridges

Amount: \$5,236.64

To: JEO Consulting Group

Address: 1937 North Chestnut Street, Wahoo, NE 68066

LINCOLN OFFICE
7407 O Street
Lincoln, NE 68510
Office: 402-475-2560

www.sendd.org



AUBURN OFFICE
919 Central Ave
Auburn, NE 68305
Office: 402-862-2201



NOTES:

1. Upon completed processing at NDED/State, the CDBG funds will be electronically deposited in the identified 's account. **Please disburse NDED funds within five days;** otherwise, it may result in a finding during monitoring.
2. If you make a payment with local funds before the CDBG funds are electronically deposited in your Village's account, that will be "reimbursement" and those funds are no longer considered "federal" and may be transferred to local accounts as you wish.
3. Please remember to keep copies of the checks made as payment for CDBG activities and keep copies of the bank statements showing deposits of CDBG funds and clearance of checks distributed.

Please feel free to give me a call at (402) 475-2560 if you have any questions.

Sincerely,

Jalynn Ellenwood
Community Development Specialist
Southeast Nebraska Development District

LINCOLN OFFICE
7407 O Street
Lincoln, NE 68510
Office: 402-475-2560

www.sendd.org



AUBURN OFFICE
919 Central Ave
Auburn, NE 68305
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Request for Funds (Drawdown/Payment Request)
Community Development Block Grant Program
 Nebraska Department of Economic Development

Name of Subrecipient (Local Unit of Government)			Mailing Address		City	State	ZIP
CDBG Agreement Number	Federal Identification Number	DUNS Number	UEI Number	SAM Expiration Date	Number sequence order of funds	Final Drawdown	DED Program Representative

Part I – STATUS OF FUNDS

1. CDBG Funds Received to Date	
2. Add: Program Income Received to Date (exclude RLF)	
3. Subtotal	
4. Less: Federal Funds Disbursed To Date (Must Agree To Total Of Part II, Line 3)	
5. Total: Federal Funds On Hand (Must Agree To Part II, Line 6)	

Part II – CASH REQUIREMENTS (Identify all activities listed in the CDBG Agreement, even if funds are not being requested.)

Activity/Budget Category							TOTAL
1. Total Cash Requirements To Date							
2. Less: Local Funds Disbursed (includes RLF) (exclude Program Income)							
3. Less: Federal Funds Disbursed (include Program Income) Total Must Agree To Part I, Line 4 (exclude RLF)							
4. Total Current Cash Requirements							
5. Less: Unpaid Previous Request.							
6. Less: Federal Funds On Hand (Must Agree To Part I, Line 5)							
7. Net Amount of Federal Funds Requested							

By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures, disbursements and cash receipts are for the purposes and objectives set forth in the terms and conditions of the Federal award, I am aware that any false, fictitious, or fraudulent information, or the omission of any material fact, may subject me to criminal, civil or administrative penalties for fraud, false statements, false claims or otherwise. (U.S. Code Title 18, Section 1001 and Title 31, Sections 3729-3730 and 3801-3812). I also certify that the amount of the request for federal funds is not in excess of current needs.

Signature of Authorized Official (Mayor/Board Chairman)	Typed Name of Authorized Official	Date	
Signature of Authorized Official (Clerk/Treasurer)	Typed Name of Authorized Official	Date	
Person Preparing Request for CDBG Funds Form Name:	Organization:	Telephone Number:	Email:

PLEASE REFER TO INSTRUCTIONS FOR ADDITIONAL GUIDANCE. INCOMPLETE OR INCORRECT FORMS WILL NOT BE PROCESSED

***To update calculations, either tab two (2) fields or click on a different field with your mouse.

Instructions: CDBG Request for Funds (Drawdown/Payment Request)

If a subrecipient has more than one CDBG agreement, funds must be requested separately. Carefully enter all requested information. Double check addition and subtraction. Funds requested must reflect actual eligible cost incurred. Claim exact amounts on each reimbursement down to the penny on the reimbursement request. Requests for funds are to be submitted only as funds are needed for immediate disbursement. Refer to the CDBG Administration Manual, Chapter 12 for more information.

With the exception of the final draw, or requested by DED, there is a **minimum to be drawn** as described below:

- **\$500:** Request for general administration expenditures only.
- **\$1,500:** Request amount for general administration and project expenditures
- **\$1,500:** Request amount for project expenditures only

Identifying Information

The top portion of the Request for CDBG Funds will be completed with the appropriate identifying information.

- **Name of Subrecipient:** Input name of local unit of government who entered into the Agreement with DED.
- **Mailing Address:** Input the mailing address of the subrecipient
- **CDBG Agreement Number:** the number assigned to the contractual agreement between DED and the subrecipient.
- **Federal Identification Number:** Input the subrecipient's federal identification number.
- **DUNS Number:** Input the subrecipient's DUNS Number. If submitting a request after April 4, 2022, this can be left blank.
- **UEI Number:** Input the Unique Entity Identifier number for the subrecipient. This can be located on sam.gov.
- **SAM Expiration Date:** System for Awards Management (SAM) registrant expiration date to receive payment of federal funds. All entities receiving federal funds are required to have an active status within SAM.
- **Number Sequence Order of Funds:** Each request must be sequentially numbered by the subrecipient. Number each request for funds in sequence based on the signature date by the authorized officials.
- **Final Drawdown:** Input "yes" if this is the last request for CDBG; Input "no" if this is not the last request for CDBG funds.
- **DED Program Representative:** Identify the DED Representative who is the main contact associated with the CDBG Agreement.

PART II: Cash Requirements

Part II provides information on the subrecipient's cash requirements. In the row labeled "Activity/Budget Category", identify all the activity code and activity name (as shown in the Sources and Uses Section of the CDBG agreement) above each column. Be sure to complete Part II for all approved activities even if funds are not requested for all activities.

- Line 1** Enter the total of all cash requirements to date for each activity/budget category. This amount should be equal to all expenditures paid to date plus cash needed to meet immediate cash obligations.
- Line 2** Subtract all local matching or other funds disbursed. (Include program income designated for revolving loan funds from prior CDBG agreements for same activities.) This will include local funds already expended and local funds, which will be expended to meet Line 1.
- Line 3** Subtract federal funds applied (include program income). The total of this row must equal the amount shown on Part I, Line 4.
- Line 4** Subtotal by subtracting Lines 2 and 3 from Line 1. This amount should be equal the amount of federal funds needed for immediate cash obligations.
- Line 5** Subtract the amount of any previous Request for CDBG funds, which has not yet been received.
- Line 6** Subtract the amount of federal funds on hand. This amount must equal the amount on Part I, Line 5.
- Line 7** The net amount of federal funds requested is determined by subtracting Lines 5 and 6 from Line 4. This should be the amount of CDBG funds needed (when added to CDBG funds on hand and CDBG funds requested but not yet received) to meet immediate cash obligations.

PART I: Status of Funds

Part I of the form will provide the status of CDBG funds for the related CDBG agreement.

- Line 1** List all CDBG funds received to date.
- Line 2** Add program income received from activities related to the CDBG agreement (exclude program income designated for revolving loan funds).
- Line 3** Subtotal Lines 1 and 2.
- Line 4** Subtract all disbursements of CDBG funds to date (MUST agree to total of Part II, Line 3).
- Line 5** Federal funds on hand should reflect CDBG funds which have not been disbursed.

Signatures

Signatures of both the Mayor/Board Chairperson and the Clerk/Treasurer are necessary to process the Request for CDBG Funds. Signatures must agree to authorization signatures submitted to DED on the Authorization to Request Community Development Block Grant Funds. After signing and dating the Request for CDBG Funds, the subrecipient should retain a copy of the form and upload within AmpliFund.

INCOMPLETE OR INCORRECT FORMS WILL NOT BE PROCESSED.

Street and Drainage Improvements Contract Obligation Spreadsheet										
Recipient Leshara		Elected Official Melvina Ruhe-Langfeldt		Clerk/City Admin. Paula Wagner		SENDD Admin Jalynn Ellenwood		NOA Date 10/18/2021		
CDBG Grant # 21-PW-013		DED Program Rep. Aaron Boucher		Clerk/Admin Email thevillageofleshara@gmail.com		SENDD Admin Email jellenwood@senndd.org				
Mailing Address	210 Summit Street	SOURCES		21A General Admin.	03K Construction Management	03K Streets/Bridges		TOTAL		
Fed. ID #	470663927	CDBG		\$ 25,000.00	\$ 10,000.00	\$ 300,000.00		\$ 335,000.00		
DUNS	118125358	OTHER City Match		\$ -	\$ -	\$ 61,000.00		\$ 61,000.00		
UEI	ZAF7F9TRL5K2	TOTAL		\$ 25,000.00	\$ 10,000.00	\$ 361,000.00		\$ 396,000.00		
Release of Funds	6/18/2022	% CDBG		100.00%	100.0000%	83.10%		84.60%		
Program Income	No	% Other Business				16.90%				
Sam.gov Expiry	10/7/2023	1.Total Cash Requirements to Date		\$ 17,801.25	\$ -	\$ 43,200.50	\$ 61,001.75	Current Fund Request		3
Amendment #		2.Local Funds Disbursed		\$ -	\$ -	\$ 7,300.31	\$ 7,300.31	7. Net Fund Request		\$ 4,351.64
Contract End Date	4/17/2024	3.Federal Funds Disbursed		\$ 17,801.25	\$ -	\$ 31,548.55	\$ 49,349.80	Fed Funds Disbursed		\$ 49,349.80
USDA/Other Reporting	No	4.Total Cash Required to Date		\$ -	\$ -	\$ 4,351.64	\$ 4,351.64	Local Funds Disbursed		\$ 7,300.31
		5. Total Funds Remaining		\$ 7,198.75	\$ 10,000.00	\$ 317,799.50	\$ 334,998.25	Funds Remaining		\$ 334,998.25
Previous Fund Requests	Submit Date	Net Amount of Fed. Fund Request		21A General Admin.	03K Const. Mgmt	03K Streets/Bridges				Disbursement Date
		CDBG		CDBG	CDBG	INVOICE TOTAL		CDBG LOCAL		
1	12/7/2022	\$ 8,765.51	\$ -	\$ -	\$ -	\$ 10,547.85	\$ 8,765.51	\$ 1,782.34	12/19/2022	
2	1/11/2023	\$ 40,584.29	\$ 17,801.25	\$ -	\$ -	\$ 27,416.01	\$ 22,783.04	\$ 4,632.97		
3		\$ 4,351.65	\$ -	\$ -	\$ -	\$ 5,236.64	\$ 4,351.64	\$ 885.00		
Fund Request Details										
Drawdown 3										
Contractor	Invoice Date	Invoice #	CDBG 21A Gen. Admin	CDBG 03K Const Mgmt.	Invoice Total	CDBG 03K	Match 03K	Budget Category	Check #	
JEO Consulting Group	4/13/2023	140465			\$ 5,236.64	\$ 4,351.64	\$ 885.00	03K Streets/Bridges		



Invoice

April 13, 2023
Project No: R210551.00
Invoice No: 140465
Invoice Amount: 5,236.64

Village of Leshara
210 Summit Street
Leshara, NE 68064

Project Manager Jacob Miriovsky
Project R210551.00 Leshara CDBG Phase I Drainage Improvements

Professional Services through March 31, 2023

- Phase 2, the study phase, is ongoing and nearing completion. The project will soon move into preliminary design with an anticipated bid period late Winter 2022/2023.

Table with 6 columns: Lump Sum Phase(s), Contract Amount, Percent Complete, Billed-to-Date, Previous Billing, Current Billing. Rows include Funding Assistance, Topographic Survey, Urban Drainage Study, Design, Permitting, Bidding and Negotiation, Construction Administration, Construction Observation, and Total.

Total Amount Due Upon Receipt : \$5,236.64

Email Invoice to: thevillageofleshara@gmail.com



Lower Platte River CORRIDOR ALLIANCE

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LPRCA MEETING AGENDA

Wednesday, May 31, 2023 - 10:00 a.m. @ Lower Platte South NRD

1. Welcome / Introductions (David Potter-LPSNRD)
2. Agenda Review and Publication Notice – May 18th LJS (Potter-LPSNRD)
3. Review November 9, 2022 Meeting and Approval of Minutes (Potter-LPSNRD) *[ACTION]*
4. Current Membership, Dues, Financials/Budget Update, and website (Potter-LPSNRD)
5. Current LPRCA and Related Activities/Projects
 - A. Status of current USGS streamgages/monitors, reports from gages at Leshara and three long-term sites (Matt Moser-USGS)
 - B. Discussion of Trend Analysis proposal at one or more LPRCA streamgage sites (Moser-USGS) *[Possible ACTION]*
 - C. Cameras and other USGS work in the Lower Platte corridor (Moser-USGS)
 - D. Water Quality Management Plan - 319 Targeted Project(s)
 - i. Section 319 Grant project for Buffalo, Turtle, Zwiebel and Turkey Creeks in the Lower Platte HUC 8 (Ian Ghanavati-PMRNRD)
6. Member Updates and Reports on Related Lower Platte River Corridor Activities and Projects
 - A. Dept. of Natural Resources updates (Jesse Bradley-NeDNR)
 - B. National Guard and Camp Ashland (Larry Vrtiska-NE National Guard)
 - C. Papio-Missouri River NRD updates
 - i. Hwy 34 Platte River Bridge Trail and other trail updates (Eric Williams-PMRNRD)
 - ii. Platte River Railroad Obstruction (Amanda Grint-PMRNRD)
 - D. Updates from UNL (Ron Yoder-UNL)
 - E. Lower Platte South NRD updates, including MoPac Connector (Paul Zillig-LPSNRD)
 - F. Game & Parks projects/updates - State Parks & Trails (Jeff Fields-NGPC)
 - G. Lower Platte North NRD updates (Ryan Chapman-LPNNRD)
 - H. Updates from Dept. of Environment and Energy (Dan Ross-NeDEE)
 - i. 404 Assumption Status (Dane Pauley-NeDEE)
 - I. Other:
 - i. Possible tour of projects with PMRNRD and LPSNRD (Potter-LPSNRD)
7. Future Projects/Studies
 - A. LPRCA Water Quality Management Plan 5-Yr Update (Chapman-LPNNRD & Brandon Beethe-NeDEE) *[Possible ACTION]*
 - B. LPNNRD Drainage Project with Dodge County and City of Fremont – Request for letter of support (Chapman-LPNNRD and Kevin Kruse-JEO) *[Possible ACTION]*
 - C. Lower Platte River Aquatic Ecosystem Restoration Comprehensive Study update/status (Zillig, LPSNRD)
 - D. Discussion of any other possible projects for LPRCA
8. Schedule/Plan Next Meeting (October 2023)
9. Comments, Questions, General Discussion
10. Adjourn

DRAFT

Lower Platte River Corridor Alliance FY24 Budget (Prepared May 2023)		LPSNRD	PMRNRD	LPNNRD	National Guard	Game & Parks	UNL	NeDNR	DEE	LWS	MUD	LPRCA expenditure
Streamgages:	3 Long term sites Expires: June 30, 2025	\$41,800	\$41,800	-	-	-	-	-	-	-	-	\$83,600
	Leshara site Expires: June 30, 2025 (Joint funding agreements between partners expire Dec. 31, 2024)	\$5,320	\$5,320	\$5,320	-	-	-	-	-	* \$16,080 Paid in FY23 (total payment for 3-year agreement of \$6,400- FY23, \$5,320-FY24, and \$4,360-FY25)	\$5,320	\$26,600
Website Hosting		-	-	-	-	-	-	-	-	-	-	\$2,000
ESRI Agreement		-	-	-	-	-	-	-	-	-	-	\$2,500
WQMP – update		-	-	-	-	-	-	-	-	-	-	-
* LPRCA Dues. Pays for Website, ESRI & Memberships. (In FY23 was paid by all 8 members: LPSNRD, PMRNRD, LPNNRD, National Guard, Game & Parks, UNL, NeDNR and NDEE for total \$8,000)		\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	-	-	-
Lower Platte Tour		\$500	\$500	-	-	-	-	-	-	-	-	\$1,000
Memberships		-	-	-	-	-	-	-	-	-	-	\$250
Restoration & Resiliency Study		-	-	-	-	-	-	-	-	-	-	\$200,000 (from reserves)
Streamgage Trend Analysis (?)												
FY24 BUDGET TOTALS		\$48,620	\$48,620	\$6,320	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	* \$0	\$5,320	\$315,950

Trend Analysis on Continuous Water Quality in the Lower Platte River

USGS Nebraska Water Science Center
Matt Moser, Brenda Densmore, and Dave Rus

In partnership with the Lower Platte River Corridor Alliance

Introduction:

With continuous water quality data being collected in cooperation with the Lower Platte River Corridor Alliance (LPRCA) over the past 15 years, datasets are now sufficient to begin looking for potential water quality trends that are occurring in the lower Platte River. These data sets can be examined using modeling techniques to account for wet and dry years or missing data and detect water quality trends or facilitate comparisons between sites to better understand how the water quality in the Lower Platte River has changed over the monitoring. This short proposal describes the type of modeling that the USGS could complete in cooperation with the LPRCA to gain more information about the water quality of the Lower Platte River as represented by this monitoring data.

The Lower Platte River Corridor Alliance has cooperated with the USGS Nebraska Water Science Center since 2007 to collect continuous water quality data at four stream locations strategically placed in the lower Platte River basin to target specific watersheds. These include:

- Platte River at Louisville has had seasonal collection of water temperature, specific conductance, dissolved oxygen, and turbidity since the fall of 2007. Beginning in 2012, continuous nitrate data were also collected seasonally.
- Elkhorn River at Waterloo has had seasonal collection of water temperature, specific conductance, dissolved oxygen, and turbidity since the fall of 2007. Beginning in 2016, continuous nitrate data were also collected seasonally.
- Platte River at Leshara has had seasonal collection of water temperature, specific conductance, dissolved oxygen, turbidity, and nitrate since 2016.
- Salt Creek near Ashland has had seasonal collection of water temperature, specific conductance, dissolved oxygen, and turbidity since the fall of 2007.

The USGS has provided the Lower Platte River Corridor Alliance and the Natural Resources Districts (NRD with bi-yearly updates on the collected data with graphs, data summaries, and observations on how these continuous water quality variables were changing from year to year. These continuous data sets have also supported other water management operations and studies in these streams by documenting current water quality conditions.

The continuous water quality monitors can provide data for trend analysis over several years, river conditions, and multiple parameters. Continuous water quality monitors provide the ability to look at short term fluctuations in the river that traditional sampling can miss, as well as data that can be collected and analyzed over a variety of flow conditions. Continuous data such as this, provide the ability to look at a more complete picture of river conditions.

To date (2023), statistical analysis of the continuous water quality data being collected has not been completed to better understand how water temperature, specific conductance, dissolved oxygen, turbidity, and nitrate are changed seasonally, during wet and dry years, and year to year over the period of data collection. Therefore, the full value of this continuous data record is not well understood.

Objectives:

The LPRCA and the USGS NEWSC are interested in completing statistical trend analysis on the continuous water quality data from the beginning of each record up to and including the 2023 monitoring season to better understand how these monitored parameters are changing over time. This project will also include an analysis of discharge trends during the same time period.

Conceptual approach:

The high-frequency data from continuous water quality monitoring provides many benefits but also provide challenges to the statistical analysis of trends because of the serial correlation (dependence upon previous data values) inherent in the measurements. Since many widespread, readily available continuous water quality data sets are just recently reaching length thresholds that make trend analysis practical (generally around 10 years), trend analysis using these types of data are an active research topic.

Using order statistics of daily values from continuous water quality data in Virginia streams, Porter and others (2020) were able to perform a trend analysis on high frequency data. The USGS Nebraska WSC would follow a similar method to analyze data and look for trends on data collected in Nebraska. Daily values would be utilized for data to run linear regressions on continuous water quality data in the lower Platte. This approach would look at overall trends occurring throughout the time frame and not analyze every single point.

The linear regressions would only focus on the extremes and averages observed within each selected time frame, and then compare those extremes and averages against similar time frames throughout the 15-year period where data have been collected. The USGS NEWSC would utilize previous R packages already established by the USGS and available in R to analyze the data.

Temporal changes in daily discharge statistics will be explored using methods available in the EGRET software (Hirsch and De Cicco, 2015). Daily discharge records can be used to perform Mann-Kendall trend tests, and the associated Thiel-Sen slope estimates, to create Quantile-Kendall plots (Hirsch, 2018) to evaluate discharge trends across the range of discharge values at each of the sites for a specified timeframe. These statistics will be explored as a possible method for trend analysis at the four sites in the lower Platte River. In addition to these trend analyses at each site, sites will be compared to better understand how the full system is changing over the years contributions to the system from the tributaries vs from the Central Platte.

The USGS also previously produced concentration predictions using surrogate relations in the Lower Platte River. These relations were published through a USGS Scientific Investigations Report (Schaepe et al, 2014) and were funded in part by a NET grant. These surrogate equations were developed using continuous water quality data collected from 2007 to 2011 and comparing those data to a USGS sample dataset. When these two data sets are combined, their relations were able to compute additional concentrations of analytes of concern that were occurring in the stream throughout that period. The USGS is proposing to add in data collected from 2011 to 2023 to these equations to update the data to better reflect stream concentrations

over the entire monitoring period. This will help represent the concentrations of additional constituents more accurately in the rivers. By updating these equations, better calculations would be made of real time concentrations of concern such as atrazine, E.coli, phosphorus, suspended sediment, and ammonia.

Potential outcome of the study:

The Lower Platte River Corridor Alliance and member NRDs have water quality management plans in place on the Platte River and its tributaries. Part of these water quality management plans are to look at impaired watersheds and water flowing into the river. The trend analysis being proposed can look at the collected continuous water quality data to help determine if long term management changes are impacting the water quality of the lower Platte River. The trends analysis will be able to account for wet vs dry years and see a clearer picture of how the water quality of the system is changing independent of discharge. Often during dry years, the amount of runoff into the channel is diminished which also decreases the quantity of contaminants and likewise during very wet years extremes in water quality are observed.

Long term changes can also possibly identify changes occurring in regard to climatic effects. The temperature in the lower Platte River can be analyzed throughout the previous 15+ years to see if any changes have occurred or are occurring.

The outcomes of this study will also provide a better understanding of how continuous water quality parameters in the Lower Platte River watersheds are changing over time since data collection started. The R scripts used to complete the data analysis will be created in a way that future years of collected data can be further analyzed through these same scripts. The statistical methods used will be described in a USGS scientific investigations report and the R script and resulting trends data will be published as a USGS data release in ScienceBase.

Study duration: 2 years

Data analysis will primarily occur during Federal Fiscal Year (FY) 2024, with report writing beginning at the same time. The final scientific investigations report and data release will be published in FY 2025.

Cost estimate:

The anticipated cost for the data analysis and report production are expected to be \$138,000. This cost will be split between the USGS and Lower Platte Corridor Alliance members electing to participate in the trend analysis. Of the total cost, the USGS will be contributing \$45,000 and the LPRCA members contributing \$93,000.

References:

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Hirsch, R.M., and De Cicco, L.A., 2015, User guide to Exploration and Graphics for RivEr Trends (EGRET) and dataRetrieval: R packages for hydrologic data (version 2.0, February 2015): U.S. Geological Survey Techniques and Methods book 4, chap. A10, 93 p., <https://dx.doi.org/10.3133/tm4A10>.

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For any additional questions or comments, please reach out to:

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Lower Platte River CORRIDOR ALLIANCE

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LPRCA MEETING MINUTES

Wednesday, November 9, 2022 – 10:00 a.m.

Bi-Annual Meeting held at LPSNRD

1. Welcome / Introductions: David Potter welcomed everyone and thanked the members for attending the meeting. Corridor Alliance member representatives participating included: Larry Vrtiska-National Guard, Amanda Grint-PMRNRD, Ian Ghanavati-PMRNRD, Jim Swenson-NG&P, Jeff Fields-NG&P, Jesse Bradley-NeDNR, Ryan Chapman-LPNNRD, Sean Elliott-LPNNRD, Andy Kahle-NDEE, Tara Anderson-NDEE, Dane Pauley-NDEE, Dan Ross-NDEE, Ron Yoder-UNL, Paul Zillig-LPSNRD, Will Inselman-LPSNRD, and David Potter-LPSNRD. Others present included: Dustin Wilcox-NARD, Jennifer Swanson-NARD, Matt Pillard-HDR, Matt Moser-USGS, Brenda Densmore-USGS, and Gary Aldridge-LPSNRD Director. Invites were sent out to at least two individuals from each of the eight members/agencies of the Alliance, including the person that was authorized to sign any documents. Alternates were recommended to participate if the two individuals could not attend. All eight Alliance members/agencies were represented at the meeting. The LPRCA meeting was called to order at 10:03 a.m. All those in attendance introduced themselves.
2. Agenda Review and Publication of Notice: A meeting notice was published in the Lincoln Journal Star on October 27, 2022. Potter displayed the Alliance website on the screen and reviewed the agenda.
3. Review of May 25, 2022 Meeting and Approval of Minutes: Potter stated that the minutes of the last meeting were distributed prior to the meeting, copies were made available at the meeting, and they are on the LPRCA website. There were no changes or corrections. Minutes were approved by consensus. Minutes from the bi-annual meetings will continue to serve as the newsletters/correspondence.
4. LPRCA Interlocal Agreement and Membership, LPNNRD Re-Instatement as Voting Member: Potter stated that he received notice from Lower Platte North Natural Resources District (LPNNRD) that they wish to be reinstated as a voting member and will pay the annual dues. According to the current Amended Interlocal Agreement, there is no formal action needed and the agreement does not need to be amended at this time. LPNNRD will be added back to the membership and the website will be updated accordingly. With the decision of Nebraska Health and Human Services to withdraw from the Alliance earlier in the year and LPNNRD's re-instatement, the Alliance has a total of eight agency members.
5. Financials/Budget Update: Potter reviewed the proposed FY2023 budget. Each of the eight agencies will be invoiced \$1,000 for dues and for their share in the stream gage agreements with USGS in December. The dues are deposited into the administrative fund and pay for the costs of ESRI, the website, and memberships. A copy of the budget made available at the meeting to each member agency so they would know how much will be billed.

6. Current LPRCA Activities/Projects

A. Status of renewed USGS stream gages/monitors, reports from gages at Leshara and three Long-Term Sites: Matt Moser presented a power point and provided an update on the current Alliance-USGS stream gages. The agreements for the three long-term sites and Leshara were renewed in April 2022. The three long-term sites have been jointly funded by LPSNRD, PMRNRD and USGS. The Leshara gage is jointly and equally funded by LPSNRD, LPNNRD, PMRNRD, LWS, and MUD, and also by USGS. The joint funding agreements with each agency were also renewed in April.

B. Potential Trend Analysis at one or more LPRCA stream gage sites: Matt Moser and Brenda Densmore with USGS discussed the data being collected from the various stream gages and when that information is being collected. Data from the gages at Leshara and the three long-term sites is collected April 1st through October 1st and that monitoring has not been interrupted. The data collected dates back several years. A Trend Analysis on one or more of the stream gages is possible. Moser and Densmore identified the possible parameters of such analysis, including but not limited to nitrates and turbidity. USGS will continue to develop a scope for the possible trend analysis. LPSNRD, LPNNRD, PMRNRD, NDEE and maybe the Guard are interested. Potter will also reach out to MUD and Lincoln Water to see if they have any interest.

C. Lower Platte River Camera / Stream Gage Project Update and other USGS work in the Corridor: Moser and Ryan Chapman announced the success of the Lower Platte River Camera project. The project was funded by LPNNRD, PMRNRD, Dodge County, City of Fremont, and USGS. USGS coordinated the project and is conducting operations and maintenance. The timelapse cameras located on various bridges over the Platte River take photos every 15 minutes and help provide information on flows and ice jams. There is also a camera installed on the Loup Power Canal property at the confluence of the Platte and Loup Power canal return. There is need for more of these cameras on other segments of the Platte River within the Corridor.

7. Member Updates and Reports on Related Corridor Activities and Projects

A. National Guard and Camp Ashland: Larry Vrtiska with the Nebraska National Guard provided an update on the activities and projects at Camp Ashland. Most of the construction resulting from the flood and MILCON for Camp Ashland rebuild is anticipated to be completed this December. The Guard is looking to complete an Integrated Natural Resources Plan focusing on drought and wet conditions. Vrtiska also stated the Guard is still working with the U.S. Army Corps of Engineers (USACE) to figure out the drainage issue and culvert height with Turner Lake.

B. NeDNR Updates: Jesse Bradley, Assistant Director with NeDNR provided an update on the many funded projects. Regarding LB 925 Resilient Soils and Water Quality Act, the Department is to provide assistance in the formation of a producer learning community to build awareness and knowledge relating to soil health and water quality to guide agricultural producers and landowners in making informed decisions in order to bring about a more rapid and widespread adoption of best management practices. Kent Zimmerman will be the coordinator. Regarding the "STAR WARS" and "JEDI" Project, information was shared on the proposed projects, including the Wahoo Creek watershed structures, Schuyler levee, and proposed lake on the lower Platte River. Bradley stated there are studies underway on the proposed lake and that a location has not yet been identified. The Department needs to look at the effect of the lake on

Lincoln and MUD wells. Bradley also briefed the group on the American Rescue Plan Act of 2021 (ARPA) projects and funds, including status of Lincoln's second water supply, Gehring-Ft. Laramie canal tunnel, and Perkins County Canal. Finally, Bradley stated that DNR is working with USACE on a \$10 million study updating hydrology in the Missouri River.

C. PMRNRD updates, including Hwy 34 River Bridge Trail and other trails and the Platte River Railroad Obstruction: Amanda Grint provided a brief update on the Platte River Bridge Trail project that is Federally funded with 20% local match and PMRNRD, LPSNRD, Sarpy County, Cass County, Plattsmouth, Bellevue and others participating in the project. NDOT is looking at some realignment and project has been delayed about a year. The project is now expected to be out for bid in Fall of 2023. Grint also updated the group on the Railroad obstruction issue in the Platte River. Back in 2019 the railroads constructed a causeway to make repairs from the flooding. The soil left in that location west of the Highway 34/75 bridge has caused an obstruction and the river to shift. PMRNRD, LPSNRD, Sarpy County and Cass County all have an interest in getting this corrected before major problems arise. There have been meetings with the railroads and removal of the obstruction has been discussed but nothing planned or determined yet.

D. Updates from UNL, including WRAP meeting and Rogers Farm Anniversary: Yoder discussed the purpose and actions of the Water Resources Advisory Panel (WRAP). It was created in 2006 to better connect outside experts and those who often rely on the University of Nebraska water-related research, education and outreach to make decisions impacting our State's water resources. Members of the panel from the Alliance include NeDNR, NG&P, NDEE and a representative from the NRD system. In addition, UNL's Institute of Agriculture and Natural Resources, Nebraska Water Center and Daugherty Water for Food Global Institute work closely with WRAP. The panel is looking to reinvigorate their purpose and presence. Yoder then shared information on the Rogers Memorial Farm and the 75th Anniversary held in September. UNL continues to work with NRDs on nitrate levels through statewide soil health in Extension and conducts research on soil conservation for the last 30 years at Roger's Memorial Farm. The farm is operated as a research and demonstration farm by the Department of Biological Systems Engineering (BSE), cooperating with several other University departments and USDA agencies.

E. LPSNRD update, including MoPac Connector: Paul Zillig discussed the status of the MoPac connector project, work with the MoPac Alliance, and the funds (\$8.3 million) provided by the Nebraska Legislature to Nebraska Game and Parks (NG&P) for the trail connection. Local support has been expressed if utilizing existing public right-of-way, the NRD is assessing the availability of existing public right-of-way and will be meeting with the county. The NRD will also need to further discuss with NG&P Funding eligibility, the application process, and any local matching funds required.

F. State Parks & Trails and NG&P Projects: Jeff Fields gave an update on the parks along the corridor and the Metro Park Project (Schram, Mahoney, Louisville and Platte River State Parks). Construction is ongoing at Schram State Recreation Area on the treehouse educational classroom project and construction will begin in 2023 on the canyon ponds renovation project. Platte River State Park will have ADA trails and new restrooms and parking. Mahoney is nearing completion of the greenhouse expansion and construction is slated to begin on a pool expansion project which will include a lazy river. Schram and Louisville Parks will have more trails for next season with river access from Schram. Visitation to the parks was down some across the state.

G. Updates from NDEE: Tara Anderson provided various updates on NDEE projects and activities. Title 117 – Surface Water Quality Standards triennial review is still in progress and hoping to be completed mid-2023. The 2022 Integrated Report will go public soon. NDEE’s surface water monitoring has concluded their basin rotation efforts for 2022 (Elkhorn Basin and the Upper Missouri River Tributaries). Last year monitoring was in Nemaha and Lower Platte Bains. Next year monitoring will be in North Platte, South Platte and White Hat basins. 2021 Data Ambient Fish Tissue Monitoring Report was published in July. A pilot study is underway to look at noenicitinoids in ambient waters, sediment, benthic macroinvertebrates. Groundwater monitoring of 500 wells across Nebraska should be wrapping up at the end of this year. The Source Water Protection Grant RFP will come out in late winter / early Spring 2023 and will be due in summer. Laura Nagengast is the new Source Water Protection Extension Educator which is a partnership between UNL and NDEE. Laura is working on educational materials for communities and source water. The Nebraska Wellhead Protection Network is re-launching in Spring 2023. There will be quarterly workshops where people will have an opportunity to learn from peers about wellhead protection projects around the state. Topics of discussion/field days include the nexus of conservation, public health, drinking water, hydrogeology, soil health and much more.

Regarding Section 319, Anderson informed the group of the Highboy Project where a partnership between NDEE, UNL and NRDs used 319 funds to plant cover crops with a highboy machine on 3,300 acres on 29 farms across four NRDs in eight counties. Partnership is looking at plans for next five years. Anderson also stated the Know Your Well Section 319 agreement for partnership between NDEE, PMRNRD and UNL has been signed and are ready to contact schools.

Dan Ross introduced himself as the new Water Planning Section Supervisor. He briefed the group on the recent Kaizen meeting. Laura Johnson is now the Drinking Water and Groundwater Division Administrator. Dane Pauley is the new 401/404 Certification Coordinator and will begin working on the assumption package to submit to EPA. Andy Kahle provided some updates to the Drinking Water Program. Jennifer Swanson, NARD-DEE Liaison provided information on the Reverse Osmosis incentive program.

H. Lower Platte North NRD update: Ryan Chapman reported on Lower Platte North’s District-wide Hazard Mitigation Plan Update. Application is being made for FEMA funds to update the plan. Several post-2019 flood projects are still underway but making progress. These projects along with several flood planning projects are able to leverage federal funds made possible through an active Hazard Mitigation Plan.

8. Future Projects/Studies:

A. LPRCA Water Quality Management Plan 5-Yr Update: Potter stated the LPRCA Water Quality Management Plan (WQMP) is due for its five-year update in 2024 and asked NDEE to share some information on the update process. Brandon Beethe was not able to attend the meeting, but Anderson provided some information. The plan update could be accomplished in-house. A summary of what has been done in the watersheds since the plan was adopted and events that have changed things such as the 2019 floods, updated graphs and figures, changes in priority areas or phase requirements, updated references to the latest Integrated Report, and other changes such as NDEQ to NDEE could be placed in an addendum to the plan. It is understood that PIPs can only be submitted under a current plan. Having a management plan expire in the middle of an implementation project will not have any effect on the active

project. Potter and Chapman will continue researching the update requirements, estimated cost and timeframe, and any needed funding agreements.

B. Water Quality Management Plan – 319 Targeted Projects, Application and Implementation: Ian Ghanavati has now assumed the duties of the water quality management plan projects now that Paul Woodward resigned. Ghanavati stated that PMRNRD has worked with NDEE on Project Implementation Plans (PIPs) for Section 319 funding to EPA for work in work in multiple watersheds, including Buffalo Creek, Turtle Creek, Turkey Creek-Platte River, and Zwiebel Creek-Platte River. The Southern Sarpy/City of Springfield Water Quality Enhancement Project is being reviewed by EPA. Turkey Creek and Zwiebel Creek which extend south of the Platte River, is a watershed that will involve LPSNRD in some capacity. Chapman reported that LPNNRD is planning to meet with local stakeholder groups this winter in preparation for submitting a PIP for both priority watersheds.

C. Lower Platte River Aquatic Ecosystem Restoration Comprehensive Study – Update/Status: Zillig again briefly discussed the possible Restoration Comprehensive Study and its current status. There has been no change since the last meeting. A letter had been sent in April 2022 to the U.S. Army Corps of Engineers stating the continued interest of the three NRDs. Now that LPNNRD is back in the Alliance, a meeting is needed and will be scheduled between the three NRDs and the U.S. Army Corps of Engineers to discuss needs and priorities. This congressional study dates back several years. The NRDs had been waiting to meet until after the DNR studies are completed; as a change in direction with the study may be warranted.

D. Discussion of any other possible projects for LPRCA: Potter again thanked the agencies for attending the meeting and identified the benefit of having the Alliance ready to go with any upcoming issues or additional projects. He asked the group to identify and consider any other projects for the LPRCA. In addition to the possible Trend Analysis of the stream gage(s), other mentioned possible projects included: 1) Zoning and floodplain issues related to RV parks and sand & gravel operations and 2) Inventories of levees in the corridor and National Levee program risk assessment.

9. Schedule Next Meeting: The next meeting is tentatively scheduled for May 2023. A doodle poll to the members will be used to determine the best date to have a meeting.
10. Comments, Questions, General Discussion, Adjournment: With no further questions or comments, the meeting ended at approximately 12:10 p.m.

Submitted by: David Potter, Assistant General Manager LPSNRD and Interim LPRCA Coordinator