

Platte Basin Coalition Committee

DRAFT Minutes

February 24th, 2015, 2:30 p.m. Central Time
TPNRD Office, Great Western Bank Building, North Platte, NE

Call to order and attendance: Miller called the meeting to order at 2:30 p.m., Central Time.
Sponsors and partners in attendance (Attachment A) were:

Lyndon Vogt	CPNRD	John Berge	NPNRD
Mark Czaplewski	CPNRD	Tracy Zayac	NPNRD
Kayla Sharp	NDNR	Barb Cross	NPNRD
Jennifer Schellpeper	NDNR	Ryan Reisdorf	SPNRD
Jessie Winter	NDNR	Travis Glanz	SPNRD
Melissa Mosier	NDNR	John Thorburn	TBNRD
Kathy Benson	NDNR	Ann Dimmitt	TPNRD
Rod L. Horn	SPNRD	Kent O. Miller	TPNRD

Guests in attendance:

Kevin Boyd CNPPID

- 1. Welcome and Open Meetings Act:** Miller noted that a copy of the Open Meetings Act was available in the meeting room.
- 2. Publication of Meeting Notices:** The NDNR published a public notice (Attachment B) of the PBC meeting in the Grand Island Independent on February 15, 2016, the North Platte Telegraph on February 13, 2016, and the Scottsbluff Star Herald on February 23, 2016.
- 3. Agenda Modifications:** No revisions were made to the agenda (Attachment C).
- 4. Approval of the December 7th 2015, PBC Meeting Minutes:**

Motion: To approve the December 7th, 2015, PBC meeting minutes (Attachment D).
Vogt motioned to approve and Schellpeper seconded. Motion passed with all ayes
- 5. Budget Update (NDNR):**

A. Operations: Sharp reported that a liability insurance renewal invoice was received. (Attachment E).

Motion: To approve payment of the liability insurance invoice in the amount of \$3,470.00 to be equally split by the six entities in the amount of \$578.33. The South Platte NRD will send the invoices to the NRDs and NDNR.

Thorburn motioned to approve and Vogt seconded. Motion passed with all ayes.

B. Studies: Sharp reported the fourth invoice (Attachment F) from The Flatwater Group was received on the Conservation Measures Study, Phase II, in the amount of \$10,730.00. The amount would be split 50/50 with DNR paying 50% (\$5,365.00) and the NRDs splitting the other 50% equally (\$1073.00 x 5).

i. Conservation Measures Study (Attachment G):

a. **Invoice:** The invoice needs approval and then NDNR will send the invoices to the NRDs.

Motion: To approve the Flatwater Invoice on Contract #571 in the amount of \$10,730.00. **Schellpeper motioned to approve and Vogt seconded. Motion passed with all ayes.**

Action: Invoices will be sent to the individual NRDs.

b. **Conservation Measures Study Contract Extension:** To extend the contract with Flatwater through December 2016 with no additional cost.

Motion: To approve the extension of the Flatwater contract. **Vogt motioned to approve and Schellpeper seconded. Motion passed with all ayes.**

ii. Difference Between Current and Fully Appropriated Study: It was discussed to amend the contract with HDR to extend through June 30, 2016, with no cost added.

Motion: To approve extension of the HDR contract. **Thorburn motioned to approve and Horn seconded. Motion passed with all ayes.**

iii. Robust Review: No update

C. Second three-year increment funding (years 4-6)

i. Invoices

a. **E-65/Elwood (TBNRD):** An invoice in the amount of \$96,252.00 was received. This amount was split with monies from the 1-3

Year Budget with the remaining coming from the 4-6 Years Budget. The contract has ended with funds remaining.

Motion: To approve carry-over of the remaining budget to the next fiscal year. **Thorburn motioned to approve and Shellpeper seconded. Motion passed with all ayes.**

- b. **Phelps Canal:** Sharp reported an invoice was received. Acre-feet and funds remain. CPNRD requested all their budget be spent on Orchard-Alfalfa. An invoice was sent out to NDNR.
- c. **North Dry Creek:** Sharp reported a final invoice was paid leaving funds that were transferred to the E-65/Elwood project in the amount of \$11,047.70. This will help toward paying off the grant with NET.

Motion: To transfer TBNRD remaining funds to Elwood and E-65 Excess Flows. **Thorburn motioned to approve and Vogt seconded. Motion passed with all ayes.**

6. Project Updates

A. N-CORPE (TBNRD): Miller reported that the current estimated timeline for construction of the north pipeline is late 2016.

B. J-2 Regulating Reservoir (NDNR): Schellpeper reported that she and the Nebraska Community Foundation are working on paying the third invoice. Due to some discrepancy in the numbers the payment has been delayed. Once paid, invoices will be sent to the NRDs. There is no technical update at this time, but the quarterly progress report will be out in the next week. Kevin Boyd of CNPPID did give some feedback on the project.

Action: NDNR will send out invoices to the NRDs.

C. North Platte NRD Lease and Retirements (NPNRD):

- i. **Cow Camp:** A short-term solution is being looked into for the balance of the lease to utilize the well on the property to augment streamflow to ensure that winter-time streamflows are met. There have been several technical conversations with NDNR in this regard. A revised permit application will be filed with the new plan in place.

D. Tri-Basin Phase II Augmentation (TBNRD): The final invoice has been submitted and the project is ready for use.

E. South Platte NRD Industrial Baseline Offset (SPNRD): Horn reported that water use continues to be monitored.

F. Excess Flow Diversion Updates (NDNR, TPNRD, & TBNRD) (Attachment H):

i. NPPD Letter on Platte River Groundwater Recharge (Attachment I): Schellpeper reported the NPPD letter was sent to everyone for review. Jessie Winter attended the latest WAC meeting and learned that the Wyoming reservoirs on the North Platte River are nearly at or above normal storage volumes so there may be opportunity for excess flows this spring.

7. Project Request

A. South Platte NRD Oliver Reservoir Streamflow Enhancement Project (Attachment J): A contract has been drafted for SPNRD’s review. There are no work plans at this time, but Olsson Associates will be assisting with the project. Horn gave another brief overview of the project.

8. Public Comments: There were no public comments.

9. Adjourn: Miller adjourned the meeting at 2:50 p.m. and **an emergency meeting of the PBC was called.**

Action Item Summary:

- 1) NDNR will send out invoices to the NRDs on The Flatwater Group.
- 2) NDNR will send out invoices to the NRDs on the J-2 Regulating Reservoir.
- 3) SPNRD will send the insurance liability invoices to the NRDs and NDNR.

The PBC meeting schedule is as follows:

April 6, 2016	1:30 p.m.	TPNRD Office, Great Western Bank Building, North Platte, NE
June 2, 2016	1:30 p.m.	TPNRD Office, Great Western Bank Building, North Platte, NE
August 2, 2016	1:30 p.m.	TPNRD Office, Great Western Bank Building, North Platte, NE
October 12, 2016	1:30 p.m.	TPNRD Office, Great Western Bank Building, North Platte, NE
December 16, 2016	1:30 p.m.	TPNRD Office, Great Western Bank Building, North Platte, NE

Meeting times may adjust depending on the Agenda

PLATTE BASIN COALITION MEETING

Meeting Date: February 24, 2016

Place/Room: TPNRD Office

Name:	Representing:	E-Mail:
Jennifer Schellpeper	NDNR	jennifer.schellpeper@nebraska.gov
Kathy Benson	NDNR	Kathy.Benson@nebraska.gov
Melissa Masior	NDNR	melissa.masior@nebraska.gov
Barb Cross	NPNRD	bcross@nprnd.org
Kayla Sharp	NDNR	kayla.sharp@nebraska.gov
John Beuge	NPNRD	jbeuge@nprnd.org
ROD L. Horn	SPNRD	r.lhorn@spnrd.org
Tracy Zayac	NPNRD	tracyz@nprnd.org
Ann Dimmitt	TPNRD	afisher@tpnrd.org
Lyndon Vogt	CPNRD	vogt@cprnd.org
Mark Czaplowski	"	mark@cprnd.org
John Thorburn	Tri-Basin	jthorburn@tribasinrd.org
Kent O. Miller	Twin Plate NRD	komiller@tpnrd.org
Kevin Boyd	Central	kboyd@cnppid.com
Travis Glanz	SPNRD	trglanz@spnrd.org
Ryan Resdort	SPNRD	rresdort@spnrd.org
Jessie Winter	NDNR	jessie.winter@nebraska.gov

PUBLIC NOTICE MEETING OF THE PLATTE BASIN COALITION

The Central Platte Natural Resources District, North Platte Natural Resources District, South Platte Natural Resources District, Tri-Basin Natural Resources District, Twin Platte Natural Resources District (collectively, the Platte Basin NRDs), and the Nebraska Department of Natural Resources (Department) hereby provide notice that a public meeting of the Platte Basin Coalition will be held on Wednesday, February 24, 2016, at 2:30 p.m. Central Time, at the Twin Platte Natural Resources District office, 111 South Dewey Street, North Platte, Nebraska.

The Platte Basin Coalition purpose is to create a cooperative body to assist the Platte Basin NRDs and the Department with resource management and efficient implementation of the basin-wide management plan and the individual integrated management plans for the overappropriated area of the Platte River Basin.

An agenda of the meeting is being kept continually current and is available for public inspection during normal business hours at the offices of the Platte Basin NRDs and the Department and at the following website: www.dnr.nebraska.gov. Please refer to the websites and phone numbers listed below for further information.

- CPNRD: <http://www.cpnrd.org> or phone (308) 385-6282
215 Kaufman Avenue, Grand Island, NE 68803
- NPNRD: <http://www.npnrd.org> or phone (308) 632-2749
100547 Airport Road, Scottsbluff, NE 69363
- SPNRD: <http://www.spnrd.org> or phone (308) 254-2377
551 Parkland Drive, Sidney, NE 69162
- TBNRD: <http://www.tribasinprd.org> or phone (308) 995-6688
1723 Burlington Street, Holdrege, NE 68949
- TPNRD: <http://www.tpnrd.org> or phone (308) 535-8080
111 S Dewey Street, North Platte, NE 69101
- Department: <http://www.dnr.nebraska.gov> or phone (402) 471-2363
301 Centennial Mall South, 4th Floor, Lincoln, NE 68508

Individuals with disabilities may request auxiliary aids and services necessary for participation by contacting Melissa Mosier at the Nebraska Department of Natural Resources, 301 Centennial Mall South, PO Box 94676, Lincoln, NE 68509-4676, telephone (402) 471-3948 or e-mail melissa.mosier@nebraska.gov.

Agenda

Platte Basin Coalition Committee Meeting

February 3, 2016, 2:30 p.m. Central Time
TPNRD Office, Great Western Bank Building, North Platte, NE

1. Welcome and Open Meetings Act
2. Publication of Meeting Notices
3. Agenda Modifications
4. Approval of December 7th, 2015, PBC Meeting Minutes
5. Budget Update (NDNR)
 - A. Operations
 - i. Liability Insurance Renewal Coverage
 - B. Studies
 - i. Conservation Measures Study
 - a. Invoice (Contract #571)
 - ii. Difference Between Current and Fully Appropriated Study
 - iii. Robust Review
 - C. Second three-year increment funding
 - i. Invoices
 - a. E-65/Elwood (TBNRD)
 - b. Phelps (TBNRD)
 - c. North Dry Creek (TBNRD)
 - ii. NET Grant Committee Recommendations
6. Project Updates
 - A. N-CORPE (TPNRD)
 - B. J-2 Regulating Reservoir (NDNR)
 - C. North Platte NRD Leases and Retirements (NPNRD)
 - i. Cow Camp
 - D. Tri-Basin NRD Phase II Augmentation - North Dry Creek (TBNRD)
 - E. South Platte NRD Industrial Baseline Offset (SPNRD)
 - F. Excess Flow Diversion Updates
 - i. Letter for NPPD Platte River Groundwater Recharge
7. Project Request
 - A. South Platte NRD Oliver Reservoir Streamflow Enhancement Project
8. Public Comments
9. Adjourn

The next PBC meeting is scheduled for **April 6, 2016**, and will be held at **1:30** p.m. Central Time at the Twin Platte NRD office.

Platte Basin Coalition Committee DRAFT Minutes

December 7th, 2015, 2:30 p.m. Central Time
TPNRD Office, Great Western Bank Building, North Platte, NE

Call to order and attendance: Miller called the meeting to order at 2:30 p.m., Central Time.
Sponsors and partners in attendance (Attachment A) were:

Duane Woodward	CPNRD	John Berge	NPNRD
Lyndon Vogt	CPNRD	Rod Horn	SPNRD
Mark Czaplewski	CPNRD	Ryan Reisdorf	SPNRD
Jesse Mintken	CPNRD	John Thorburn	TBNRD
Jennifer Schellpeper	NDNR	Ann Dimmitt	TPNRD
Jessie Wietjes	NDNR	Landon Shaw	TPNRD
Melissa Mosier	NDNR	Kent O. Miller	TPNRD
Kathy Benson	NDNR		

Guests in attendance:

Mike Drain	CNPPID	Jeff Shafer	NPPD
Jerry Carson			

- 1. Welcome and Open Meetings Act:** Miller noted that a copy of the Open Meetings Act was available in the meeting room.
- 2. Publication of Meeting Notices:** The NDNR published a public notice (Attachment B) of the PBC meeting in the Grand Island Independent on November 30, 2015, the North Platte Telegraph on December 5, 2015, and the Scottsbluff Star Herald on November 28, 2015.
- 3. Agenda Modifications:** No revisions were made to the agenda (Attachment C).
- 4. Approval of the October 6th, 2015, PBC Meeting Minutes:**

Motion: To approve the October 6th, 2015, PBC meeting minutes (Attachment D).
Berge motioned to approve and Vogt seconded. Motion passed with all ayes.
- 5. Budget Update (NDNR)**
 - A. Operations:** Schellpeper reported there were no updates at this time. (Attachment E).

B. Studies: Schellpeper stated The Flatwater Group invoice for the Conservation Measures Study, Phase II, in the amount of \$20,471.25 would need a motion. The amount would be split 50/50 with DNR paying 50% (\$10,235.63) and the NRDs splitting the other 50% equally (\$2,047.13 x 5).

i. Conservation Measures Study

a. Invoice: The final amount of the invoice (Attachment F) needs to be approved and then NDNR will send the invoices to the NRDs.

Motion: To approve the Flatwater Invoice on Contract #571 in the amount of \$20,471.25.

Thorburn motioned to approve and Horn seconded. Motion passed with all ayes.

Action: Invoices will be sent to the individual NRDs.

ii. Difference Between Current and Fully Appropriated Study: No update

iii. Robust Review: No update

C. Second three-year increment funding (years 4-6)

Schellpeper reported in the years 1-3 on Phase II North Dry Creek there is a remaining balance of \$17,160.36. Thorburn has put together an estimate for the final budget on this project. Thorburn reported that he would be asking NDNR for approximately \$6,700 to finalize the North Dry Creek Project. After the final bills are paid TBNRD would like to transfer the remaining dollar amount in the North Dry Creek project to the Elwood Reservoir and E-65 Excess Flow Project.

Motion: To transfer TBNRD unspent monies to Elwood and E-65 Excess Flows.
Thorburn motioned to approve and Vogt seconded. Motion passed with all ayes.

Schellpeper reported that the Grandview Permanent Retirement project has been paid out and is completed. Payment was made in the Fall/Winter 2015 to E65 Canal and Elwood Recharge Project with some dollars remaining.

Requests for Funds for E65 Canal & Elwood Reservoir and Phelps Canal Projects Memo (Attachment G) was presented to the members and Shellpeper gave an explanation of the contracts.

Motion: To approve funding for E65 Canal & Elwood Reservoir, Contract #571, in the amount of \$242,980.

Berge motioned to approve and Vogt seconded. Motion passed with all ayes.

Ann Dimmit, TPNRD, explained the memo (Attachment H) in regard to a funding request for the TPNRD and SPNRD Excess Flow Recharge Project.

Motion: To approve funding for TPNRD and SPNRD Excess Flow Recharge Project, Contract #587. This funding is not to include WRCF matching dollars for TPNRD as TPNRD no longer has matching dollars available from the WRCF.

Vogt motioned to approve and Thorburn seconded. Motion passed with all ayes.

Mark Czaplewski, CPNRD, gave an explanation of his memo discussing the existing budget for use on the Orchard-Alfalfa Canal Rehabilitation Project (Attachment I).

Motion: To approve the already budgeted funds of \$292,724.48 to cover expenditures of the Orchard-Alfalfa Canal Rehabilitation Project, Contract #615.

Horn motioned to approve and Thorburn seconded. Motion passed with all ayes.

Action: CPNRD will work with NDNR to amend contract #615.

6. Project Updates

A. N-CORPE: Miller reported that the current estimated timeline for construction of the north pipeline is late 2016. The south pipeline is currently operating at half capacity to deliver 32,000 a-f to the Republican River, based on accounting. TPNRD continues to have 25% of their share of water in storage due to the lack of the north pipeline. Shaw, with the help of Jim Schneider, will be working on a model acceptable to the N-CORPE body to maintain sustainability in the aquifer.

B. J-2 Regulating Reservoir: Schellpeper reminded the group of the previous discussion on the J-2 budget (Attachment J). Miller added information from the Governance Committee meeting that discussions were had on the much higher cost of the J-2 Project. New options are being looked into.

C. North Platte NRD Lease and Retirements (NPNRD)

- i. Cow Camp:** A contract with NDNR for reimbursement on lease payments has been drafted. NPNRD is looking into different ideas for the project as the site is not conducive to a recharge pit.
- ii. Grandview:** This is completed.
- iii. Hardt & Tighe:** Contracts are being drawn to facilitate reimbursement.

D. Tri-Basin Phase II Augmentation: Thorburn had nothing new to report.

E. South Platte NRD Industrial Baseline Offset (SPNRD): Horn reported that water use continues to be monitored. The second annual payment will be made this month and SPNRD will be requesting reimbursement from the PBC.

F. Excess Flow Diversion Updates (NDNR, TPNRD, & TBNRD): Most of the canals used for excess flow diversions will not operate over the winter months due to concerns about damage from icy conditions. One exception would be the diversions into the CNPPID system for E-65 and Elwood Reservoir.

7. Project Request

A. South Platte NRD Oliver Reservoir Streamflow Enhancement Project: Horn gave an explanation of his memo and project report (Attachment K) to request approval for reimbursement in the amount of \$277,200. After approval there would be a more detailed SOW completed. Schellpeper asked for an estimate on the streamflow increase and also wanted to check into the standard for monies allowed for project studies. It was decided that more information would be provided by SPNRD.

Motion: To provisionally approve the Oliver Reservoir Streamflow Enhancement Project in the amount of \$277,200, engineering and analysis at \$162,000; with the condition that SPNRD provide additional information on the benefits of the project to streamflow and NDNR reviews applicable funding procedures.

Vogt motioned to approve the request and Thorburn seconded. Motion passed with all ayes.

Action: 1) SPNRD will provide the hydrology and hydrogeology study and more information on the estimated benefit to streamflow.
2) NDNR will review the additional information provided by SPNRD as well as the funding procedures.

8. Public Comments: There were no public comments.

9. Adjourn: Miller adjourned the meeting at 3:15 p.m.

Action Item Summary:

- 1) NDNR will send out invoices to the NRDs.
- 2) CPNRD will work with NDNR to amend contract #615.
- 3) SPNRD will provide the additional information on the Oliver Reservoir Project
- 4) NDNR will review the additional Oliver Reservoir information; and review funding statutes.

The PBC meeting schedule is as follows:

February 3, 2016	2:30 p.m.	TPNRD Office, Great Western Bank Building, North Platte, NE
April 6, 2016	1:30 p.m.	TPNRD Office, Great Western Bank Building, North Platte, NE
June 2, 2016	1:30 p.m.	TPNRD Office, Great Western Bank Building, North Platte, NE
August 2, 2016	1:30 p.m.	TPNRD Office, Great Western Bank Building, North Platte, NE
October 12, 2016	1:30 p.m.	TPNRD Office, Great Western Bank Building, North Platte, NE
December 16, 2016	1:30 p.m.	TPNRD Office, Great Western Bank Building, North Platte, NE

Meeting times may adjust depending on the Agenda

Points West Ins - Sidney
P.O. Box 159
Sidney, NE 69162-0159
Phone: 308-254-4928 Fax: 308-254-7166

MEMO		
ACCOUNT NO.	OP	DATE
PLATT-9	MT	01/28/2016
POLICY INFORMATION		
POLICY #	4X8-82-68-17	
TYPE	EFFECTIVE	EXPIRATION
PCKG	02/06/2016	02/06/2017

Platte Basin Water Project Coa
c/o Rod Horn
P.O. Box 294
Sidney, NE 69162

Rod Horn

Re: Renewal

Dear Rod:

Enclosed please find the above renewal of February 6th providing liability and Public officials liability coverage.

Please look the policy over. If you have any questions or need to make any changes just let me know.

Sincerely,



Marsha Thorpe

Enclosures

RECEIVED
JAN 29 2016
SPNRD

Points West Ins - Sidney
 P.O. Box 159
 Sidney, NE 69162-0159
 Phone: 308-254-4928 Fax: 308-254-7166

INVOICE NO. 17386		Page 1
ACCOUNT NO.	OP	DATE
PLATT-9	MT	01/28/2016
PRODUCER		
Marsha L. Thorpe		
BALANCE DUE ON		
02/06/2016		
AMOUNT PAID	AMOUNT DUE	
	\$3,470.00	

Platte Basin Water Project Coa
 c/o Rod Horn
 P.O. Box 294
 Sidney, NE 69162

Itn #	Due Date	Trn	Type	Description	Amount
237945	02/06/16	REN	PCKG	liability/Linebacker renewal	\$3,470.00
Invoice Balance:					\$3,470.00



8200 Cody Drive, Suite A
Lincoln, Nebraska 68512-9550

Phone: 402.435.5441
Fax: 402.435.7108

MEMORANDUM

To: Ms. Jessie Winter
Nebraska Department of Natural Resources
P.O. Box 94676
Lincoln, NE 68509-4676

From: Marc Groff

Date: 01 February 2016

Re: Progress Report – Contract #571

Period: 1 November 2015 through 31 December 2015

Work Completed this Period:

1. Efforts this period were focused on
 - a. Developing estimates of commingled pumping for the low and high irrigation efficiency scenarios for the WWUM model area
 - b. Developing distributions of canal and lateral conveyance losses

Billings for this period are \$10,730.00 -- for a billing-to-date of \$55,815.75.

Deliverables

1. None.

Concerns: Landuse information from 2006 through 2010 within the COHYST model area has not yet been finalized. Modeling efforts in that area are currently on hold pending the availability of that information.

Work Projected for Next Period:

1. Incorporate the developed estimates of commingled pumping and canal/lateral recharge into the integrated model for evaluating the low and high irrigation efficiency scenarios for the WWUM area.
2. Initiate efforts to evaluate minimum (No-Till) and maximum (circa 1950s) tillage through the integrated model in the WWUM area.



Tax ID# 47-0833338
 8200 Cody Dr Ste A
 LINCOLN, NE 68512-9550

Invoice

Date	Invoice #
2/1/2016	16-1859

Bill To
Department of Natural Resources 301 Centennial Mall South PO Box 94676 Lincoln, NE 68509-4676

PROJECT DESCRIPTION		BILLING PERIOD		TERMS
POAC Conservation Study		11/1/2015 - 12/31/2015		Net 30
Employee Class	Work Description	Qty	Rate	Amount
Senior Engineer	LABOR HOURS TOTAL Project Coordination	4	160.00	640.00 640.00
ODCS				
Subs	Subcontractors Fee - ARI Invoice #1614	1	575.00	575.00
Subs	Subcontractors Fee: ARI Invoice 1645	1	2,213.75	2,213.75
Subs	Subcontractors Fee - ARI Invoice #1669	1	6,648.75	6,648.75
Subs	Subcontractors Fee - WWG 29 Dec 2015 Invoice	1	652.50	652.50
	TOTAL OTHER DIRECT COSTS			10,090.00
Total				\$10,730.00
Balance Due				\$10,730.00

Adaptive Resources, Inc.

Invoice



Adaptive Resources, Inc.
 229 E Kiowa Ave
 FORT MORGAN, CO 80701-3109

(970)370-2481
 chelli@adaptiveresourcesinc.com, kimberly@ari-
<http://www.adaptiveresourcesinc.com>

Date	Invoice #
11/30/2015	1614
Terms	Due Date
Net 30	12/30/2015

Bill To
The Flatwater Group, Inc. 8200 Cody Dr, Ste A Lincoln, NE 68512-9550

Amount Due	Enclosed
\$575.00	

Please detach top portion and return with your payment.

Date	Account Summary	Amount
08/27/2015	Balance Forward	\$1,697.50
	Payments and credits between 08/27/2015 and 11/30/2015	-1,697.50
	New charges (details below)	575.00
	Total Amount Due (activity through 11/30/2015)	575.00

Date	Activity	Quantity	Rate	Amount
	Conservation Measures Study			
	Week starting 11/16/2015			
11/17/2015	Low/High Efficiency co mingled pumping dataset creation	2:30	115.00	287.50
11/20/2015	Low/High Efficiency co mingled pumping dataset creation	2:30	115.00	287.50
	SUBTOTAL - Conservation Measures Study = \$575.00			

We appreciate your business.

Total Of New Charges	\$575.00
Total Amount Due	\$575.00

Adaptive Resources, Inc.

Invoice



Adaptive Resources, Inc.
229 E Kiowa Ave
FORT MORGAN, CO 80701-3109

(970)370-2481
chelli@adaptiveresourcesinc.com, kimberly@ari-
http://www.adaptiveresourcesinc.com

Date	Invoice #
12/29/2015	1645
Terms	Due Date
Net 30	01/28/2016

Bill To

The Flatwater Group, Inc.
Conservation Measures Study
8200 Cody Dr, Ste A
Lincoln, NE 68512-9550

Amount Due	Enclosed
\$2,788.75	

Please detach top portion and return with your payment.

Date	Account Summary	Amount
11/30/2015	Balance Forward	\$575.00
	Payments and credits between 11/30/2015 and 12/29/2015	0.00
	New charges (details below)	2,213.75
	Total Amount Due (activity through 12/29/2015)	2,788.75

Date	Activity	Quantity	Rate	Amount
	Week starting 11/30/2015			
12/03/2015	Low/High Efficiency co mingled pumping dataset creation	1:00	115.00	115.00
12/04/2015	Low/High Efficiency co mingled pumping dataset creation	4:00	115.00	460.00
	Week starting 12/07/2015			
12/07/2015	Canal Service Area/URF Intersection, process KS comingled pumping, clarify w/KS model assignments,	6:30	115.00	747.50
12/08/2015	Canal Service Area/URF Intersection, process KS comingled pumping, clarify w/KS model assignments,	5:45	115.00	661.25
12/09/2015	Canal Service Area/URF Intersection, process KS comingled pumping, clarify w/KS model assignments,	0:30	115.00	57.50
12/10/2015	Canal Service Area/URF Intersection, process KS comingled pumping, clarify w/KS model assignments,	1:30	115.00	172.50
Total Of New Charges				\$2,213.75
Total Amount Due				\$2,788.75

We appreciate your business.



Adaptive Resources, Inc.
 229 E Kiowa Ave
 FORT MORGAN, CO 80701-3109

(970)370-2481
 chelli@adaptiveresourcesinc.com, kimberly@ari-
 http://www.adaptiveresourcesinc.com

Adaptive Resources, Inc.

Invoice

Date	Invoice #
01/26/2016	1669
Terms	Due Date
Net 30	02/25/2016

Bill To

The Flatwater Group, Inc.
 8200 Cody Dr, Ste A
 Lincoln, NE 68512-9550

Amount Due	Enclosed
\$6,648.75	

Please detach top portion and return with your payment.

Date	Account Summary	Amount
12/29/2015	Balance Forward	\$2,788.75
	Payments and credits between 12/29/2015 and 01/26/2016	-2,788.75
	New charges (details below)	6,648.75
	Total Amount Due (activity through 01/26/2016)	6,648.75

Date	Activity	Quantity	Rate	Amount
	Conservation Measures Study			
	Week starting 01/04/2016			
01/05/2016	Baseline/Low/High Commingled Pumping Distribution, Pumping QA/QC, Conveyance Loss	4:00	115.00	460.00
01/06/2016	Baseline/Low/High Commingled Pumping Distribution, Pumping QA/QC, Conveyance Loss	5:00	115.00	575.00
01/07/2016	Baseline/Low/High Commingled Pumping Distribution, Pumping QA/QC, Conveyance Loss	6:30	115.00	747.50
01/08/2016	Baseline/Low/High Commingled Pumping Distribution, Pumping QA/QC, Conveyance Loss	6:00	115.00	690.00
	Week starting 01/18/2016			
01/18/2016	Canal/Lateral Conveyance Loss Distribution, create NIR for each parcel in AF for WWG (download, synthesis, analysis, QAQC, documentation, delivery)	6:15	115.00	718.75
01/18/2016	Work with Kyle on Data transfer and manipulation	2:00	150.00	300.00
01/19/2016	Work with Kyle on Data transfer and manipulation	1:30	150.00	225.00
01/19/2016	Canal/Lateral Conveyance Loss Distribution, create NIR for each parcel in AF for WWG (download, synthesis, analysis, QAQC, documentation, delivery)	7:00	115.00	805.00

Continue to the next page

Date	Activity	Quantity	Rate	Amount
01/20/2016	Canal/Lateral Conveyance Loss Distribution, create NIR for each parcel in AF for WWG (download, synthesis, analysis, QAQC, documentation, delivery)	5:00	115.00	575.00
01/21/2016	Canal/Lateral Conveyance Loss Distribution, create NIR for each parcel in AF for WWG (download, synthesis, analysis, QAQC, documentation, delivery)	7:00	115.00	805.00
01/22/2016	Canal/Lateral Conveyance Loss Distribution, create NIR for each parcel in AF for WWG (download, synthesis, analysis, QAQC, documentation, delivery)	6:30	115.00	747.50
SUBTOTAL - Conservation Measures Study = \$6,648.75				

We appreciate your business.

Total Of New Charges	\$6,648.75
Total Amount Due	\$6,648.75



December 29, 2015

Marc Groff
The Flatwater Group
8200 Cody Drive, Ste A
Lincoln, NE 68512

Re: Invoice for POAC Impact of Soil and Conservation Measures Study (WWG: POAC001)

Dear Marc,

Please see the invoice below for Wilson Water Group's professional service in support of the POAC Impact of Soil and Conservation Measures Study over the August 26, 2015 through December 25, 2015 period. Table 1 provides the breakdown of current and total invoiced by task; primary activities performed during this time period and any comments or concerns are provided below.

December Invoice

Staff	Hours	Rate	Total
K. Sobieski	4.5	\$ 145	\$ 652.50
Total Amount This Statement			\$ 652.50

Table 1: Subtask Budget Summary

Task	Description	Estimated Budget	Month Costs	Cum Costs	% Spent	Est. % Complete	Rem. Budget
Task 1	Baseline Scenario	\$ 10,000	\$ -	\$ 6,380	64%	90%	\$ 3,620
Task 2	First-Tier Analysis	\$ 7,500	\$ -	\$ 3,915	52%	75%	\$ 3,585
Task 3	Second-Tier Analysis	\$ 7,500	\$ -	\$ 3,915	52%	75%	\$ 3,585
Task 4	Analyses Documentation	\$ 7,500	\$ -	\$ 1,450	19%	0%	\$ 6,050
Task 5	Coordination/Integration	\$ 7,500	\$ 653	\$ 1,035	14%	14%	\$ 6,466
Project Total		\$ 40,000	\$ 653	\$ 16,695	42%	51%	\$ 23,306

Primary Activities:

- Coordination with technical consultants on the development and delivery of adjusted NIR values.

Comments/Concerns/Schedules:

The following comments/concerns for the current month are in bold font; comments/concerns from previous months are for reference.

None

Sincerely, Wilson Water Group LLC

Kara Sobieski, Project Manager

Erin Wilson, Principal

PBC Study Budget
Updated 12/4/2015

PBHEP Budget Summary	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	NDNR	Total by Year
Invoice 13-1511 (Phase I ConPracStudy)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,556.00	
Invoice 13-1537 (Phase I ConPracStudy)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 42,096.00	
Invoice 13-1560 (Phase I ConPracStudy)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,508.00	
Contract # 571	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total 3 Year Budget	\$ -	\$ 70,160.00	\$ 70,160.00				

Remaining \$ -

Total Budget	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	NRD Total	NDNR	Total
	\$ 22,600.00	\$ 22,600.00	\$ 22,600.00	\$ 22,600.00	\$ 22,600.00	\$ 113,000.00	\$ 113,000.00	\$ 226,000.00
Conservation Study Phase II Contracted (#571)	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	NRD Total	NDNR	Total
Invoice 15-1764 (Phase II)	\$ 1,783.45	\$ 1,783.45	\$ 1,783.45	\$ 1,783.45	\$ 1,783.45	\$ 8,917.25	\$ 8,917.25	\$ 17,834.50
Invoice 15-1798 (Phase II)	\$ 678.00	\$ 678.00	\$ 678.00	\$ 678.00	\$ 678.00	\$ 3,390.00	\$ 3,390.00	\$ 6,780.00
Invoice 15-1829 (Phase II)	\$ 2,047.12	\$ 2,047.12	\$ 2,047.12	\$ 2,047.12	\$ 2,047.12	\$ 10,235.60	\$ 10,235.65	\$ 20,471.25
Total	\$ 4,508.57	\$ 4,508.57	\$ 4,508.57	\$ 4,508.57	\$ 4,508.57	\$ 22,542.85	\$ 22,542.90	\$ 45,085.75
Remaining totals by Contributor	\$ 18,091.43	\$ 18,091.43	\$ 18,091.43	\$ 18,091.43	\$ 18,091.43	\$ 90,457.15	\$ 90,457.10	\$ 180,914.25

Post-1997 Study	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	NRD Total	NDNR	Total
Invoice 14-1637	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,678.75	
Invoice 15-1724	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,435.00	
Contracted with Flatwater (#772)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 31,113.75	\$ 45,000.00
Remaining totals by Contributor								\$ 13,886.25

Consultant Estimates October 2014 \$ 115,000.00 \$ 107,000.00 \$ 222,000.00

OA/FA Study	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	NRD Total	IWMPPF	Total
Contracted (#571)	\$ 9,000.00	\$ 9,000.00	\$ 9,000.00	\$ 9,000.00	\$ 9,000.00	\$ 45,000.00	\$ 180,000.00	\$ 225,000.00

Robust Review Work	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	NRD Total	NDNR	Total
Budget Pre-Estimate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000.00	\$ 200,000.00	\$ 400,000.00

Total Study Budget	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	NRD Total	NDNR	IWMPPF	Total
	\$ 13,508.57	\$ 13,508.57	\$ 13,508.57	\$ 13,508.57	\$ 13,508.57	\$ 267,542.85	\$ 433,656.65	\$ 180,000.00	\$ 715,085.75

PBC Study Budget

Updated 12/4/2015

PBHEP Budget Summary	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	NDNR	Total by Year
Invoice 13-1511 (Phase I ConPracStudy)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,556.00	
Invoice 13-1537 (Phase I ConPracStudy)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 42,096.00	
Invoice 13-1560 (Phase I ConPracStudy)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,508.00	
Contract # 571	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total 3 Year Budget	\$ -	\$ 70,160.00	\$ 70,160.00				

Remaining \$ -

Total Budget	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	NRD Total	NDNR	Total
Conservation Study Phase II Contracted (#571)	\$ 22,600.00	\$ 22,600.00	\$ 22,600.00	\$ 22,600.00	\$ 22,600.00	\$ 113,000.00	\$ 113,000.00	\$ 226,000.00
Invoice 15-1764 (Phase II)	\$ 1,783.45	\$ 1,783.45	\$ 1,783.45	\$ 1,783.45	\$ 1,783.45	\$ 8,917.25	\$ 8,917.25	\$ 17,834.50
Invoice 15-1798 (Phase II)	\$ 678.00	\$ 678.00	\$ 678.00	\$ 678.00	\$ 678.00	\$ 3,390.00	\$ 3,390.00	\$ 6,780.00
Invoice 15-1829 (Phase II)	\$ 2,047.12	\$ 2,047.12	\$ 2,047.12	\$ 2,047.12	\$ 2,047.12	\$ 10,235.60	\$ 10,235.65	\$ 20,471.25
Total	\$ 4,508.57	\$ 4,508.57	\$ 4,508.57	\$ 4,508.57	\$ 4,508.57	\$ 22,542.85	\$ 22,542.90	\$ 45,085.75
Remaining totals by Contributor	\$ 18,091.43	\$ 18,091.43	\$ 18,091.43	\$ 18,091.43	\$ 18,091.43	\$ 90,457.15	\$ 90,457.10	\$ 180,914.25

Post-1997 Study	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	NRD Total	NDNR	Total
Invoice 14-1637	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,678.75	
Invoice 15-1724	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,435.00	
Contracted with Flatwater (#772)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 31,113.75	\$ 45,000.00
Remaining totals by Contributor								\$ 13,886.25

Consultant Estimates October 2014 \$ 115,000.00 \$ 107,000.00 \$ 222,000.00

OA/FA Study	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	NRD Total	IWMPPF	Total
Contracted (#571)	\$ 9,000.00	\$ 9,000.00	\$ 9,000.00	\$ 9,000.00	\$ 9,000.00	\$ 45,000.00	\$ 180,000.00	\$ 225,000.00

Robust Review Work	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	NRD Total	NDNR	Total
Budget Pre-Estimate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000.00	\$ 200,000.00	\$ 400,000.00

Total Study Budget	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	NRD Total	NDNR	IWMPPF	Total
	\$ 13,508.57	\$ 13,508.57	\$ 13,508.57	\$ 13,508.57	\$ 13,508.57	\$ 267,542.85	\$ 433,656.65	\$ 180,000.00	\$ 715,085.75

PBC Years 4 to 6 Budget Review

Updated 1/11/2016

PBC Budget Summary	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	Total NRD	DNR (NET Transfer)	DNR General Fund	Total by Year
Budget Year 4	\$ 301,400.00	\$ 708,400.00	\$ 61,600.00	\$ 444,400.00	\$ 684,200.00	\$ 2,200,000.00	\$ 3,300,000.00	\$1,693,277	\$ 7,193,276.70
Budget Year 5	\$ 301,400.00	\$ 708,400.00	\$ 61,600.00	\$ 444,400.00	\$ 684,200.00	\$ 2,200,000.00	\$ 3,300,000.00		5,500,000.00
Budget Year 6	\$ 301,400.00	\$ 708,400.00	\$ 61,600.00	\$ 444,400.00	\$ 684,200.00	\$ 2,200,000.00	\$ 3,300,000.00		5,500,000.00
Total 3 Year Budget	\$ 904,200.00	\$ 2,125,200.00	\$ 184,800.00	\$ 1,333,200.00	\$ 2,052,600.00	\$ 6,600,000.00	\$ 9,900,000.00	\$ 1,693,276.70	\$ 18,193,276.70

PBC Project	Cnt #	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	Total NRD	DNR (NET Transfer)	DNR General Fund	Total by Project	NDNR Amount Paid	Project Status	NDNR Remaining	Meeting Motion Ref.
North Platte NRD Lease/Recharge - Cow Camp	see status	\$ -	\$ 221,197.00	\$ -	\$ -	\$ -	\$ 221,197.00	\$ 331,795.50	\$ -	\$ 552,992.50	\$ -	Draft Contract received	\$ 331,795.50	Jun 2013 pg 2 #7 C
Orchard-Alfalfa Canal Rehabilitation	615	\$ 208,314.40	\$ -	\$ -	\$ -	\$ -	\$ 208,314.40	\$ 312,471.60	\$ -	\$ 520,786.00	\$ 312,471.60	Paid - July 22, 2015	\$ -	Jun 2013 Pg 2 #7 B
N-CORPE	778	\$ -	\$ -	\$ -	\$ -	\$ 1,730,071.10	\$ 1,730,071.10	\$ 2,595,106.66	\$ -	\$ 4,325,177.76	\$ -	Under Contract	\$ 2,595,106.66	Aug 2013 pg 3 #8 B
J-2 Reregulating Reservoir	574	\$ 403,161.12	\$ -	\$ -	\$ 403,161.12	\$ 322,528.90	\$ 1,128,851.14	\$ 2,217,386.16	\$ 1,693,276.70	\$ 5,039,514.00	\$ -	Under Contract	\$ 3,910,662.86	Aug 2013 Pg 3 #8 A
Platte Valley Irrigation District	588	\$ -	\$ -	\$ -	\$ -	\$ 2,000.00	\$ 2,000.00	\$ 3,000.00	\$ -	\$ 5,000.00	\$ -	Under Contract	\$ 3,000.00	June 2015 Pg 2 #5 C
Western Irrigation District	587	\$ -	\$ -	\$ 1,800.00	\$ -	\$ 4,200.00	\$ 6,000.00	\$ 9,000.00	\$ -	\$ 15,000.00	\$ -	Under Contract	\$ 9,000.00	June 2015 Pg 2 #5 C
Suburban Irrigation District	586	\$ -	\$ -	\$ -	\$ -	\$ 2,000.00	\$ 2,000.00	\$ 3,000.00	\$ -	\$ 5,000.00	\$ -	Under Contract	\$ 3,000.00	June 2015 Pg 2 #5 C
Fall/Winter 2015 E65 Canal and Elwood Reservoir Recharge Project	800	\$ -	\$ -	\$ -	\$ 149,240.00	\$ -	\$ 149,240.00	\$ 149,240.00	\$ -	\$ 298,480.00	\$ 148,928.00	**Partial Paid - October 14, 2015	\$ 312.00	Aug 2015 Pg 2 #5 C
NPNRD Retirement Agreement - Hardt and Tighe	see status	\$ -	\$ 151,630.50	\$ -	\$ -	\$ -	\$ 151,630.50	\$ 227,445.75	\$ -	\$ 379,076.25	\$ -	*** see below	\$ 227,445.75	June 2015 Pg 4 #7 A
E65 Canal and Elwood Reservoir (4,500 acre ft)	571	\$ -	\$ -	\$ -	\$ 95,940.00	\$ -	\$ 95,940.00	\$ 95,940.00	\$ -	\$ 191,880.00	\$ 93,954.12	Received invoice 1/4/2016	\$ 1,985.88	
Western Irrigation District	587	\$ -	\$ -	\$ 600.00	\$ -	\$ 1,400.00	\$ 2,000.00	\$ -	\$ 3,000.00	\$ 5,000.00	\$ -			
Phelps Canal (7,000 acre ft)	571	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 51,100.00	\$ 51,100.00	\$ 20,989.80	received invoice 1/8/2016	\$ 30,110.20	
Totals by Contributor		\$ 611,475.52	\$ 372,827.50	\$ 2,400.00	\$ 648,341.12	\$ 2,062,200.00	\$ 3,697,244.14	\$ 5,944,385.67	\$ 1,747,376.70	\$ 11,389,006.51				

Remaining Financial Commitments by Contributor	\$ 292,724.48	\$ 1,752,372.50	\$ 182,400.00	\$ 684,858.88	\$ (9,600.00)	\$ 2,902,755.86	\$ 3,955,614.33	\$ (54,100.00)	\$ 6,804,270.19
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*** NPNRD Retirement Agreement - Hardt & Tighe project calculations were taken from the June 18th meeting minutes. \$126,358.75 x 3= \$379,076.25; NPNRD cost at 40% is \$151,630.50 and DNR cost at 60% is \$227,445.75

** E65 & Elwood Recharge Project reached maximum acre feet at 17,000

Dates of Recharge diversions	Elwood Reservoir				E65 Canal				Phelps Canal				Funds				
	AF, in	\$/af	\$/other	Notes	AF, in	\$/af	\$/other	Notes	AF, in	\$/af	\$/other	Notes	Total \$	PRRIP	NDNR	TBNRD	NGPC
1/24/2006 to 2/13/2006	6131			gravity, Appears to be no charges									NA				
8/8/2006 to 2/13/2006	627			gravity, Appears to be no charges									NA				
12/22/2006 to 12/31/2006	2793			gravity, JO costs, NGPC was billed for 50% of the JO costs									\$ 16,752.44				\$ 16,752.44
5/30/2007 to 6/25/2007	7261			gravity, JO costs									\$ 57,819.51				\$ 57,819.51
7/9/2007 to 7/11/2007	419			gravity, Not billed									NA				
7/31/2007 to 8/8/2007	2277			gravity, JO Costs									\$ 17,686.39				\$ 17,686.39
5/23/2008 to 6/11/2008	6963			4240 af gravity, 2543 pumped, \$ pump & hydro									\$ 66,568.32			\$ 33,284.16	\$ 33,284.16
7/18/2008 to 7/21/2008	1168			pumped, \$pump & hydro									\$ 12,878.02			\$ 6,439.01	\$ 6,439.01
8/10/2008 to 8/19/2008	1193			gravity, \$ for hydro offset									\$ 10,498.40			\$ 5,249.20	\$ 5,249.20
6/21/2009 to 8/21/2009	2906			diversions stopped once irr decision was made									\$ 25,572.80			\$ 12,786.40	\$ 12,786.40
9/28/2011 to 1/5/2012									5558.16	25		down to MP 9.7	\$ 138,954.00	\$ 69,477.00	\$ 41,686.20	\$ 27,790.80	
12/4/2012 to 3/11/2013									4088	25		EA water down to MP 13.3	\$ 102,200.00	\$ 102,200.00			
9/19/2013 to 10/31/2013	12385	35		Pumped									\$ 433,475.00		\$ 260,085.00	\$ 173,390.00	
					2615	35		Canal to MP 23.7-3.2, Cottonwood WPA, and 36.25					\$ 91,525.00		\$ 54,915.00	\$ 36,610.00	
									3890	25		down to MP 13.3	\$ 97,250.00	\$ 48,625.00	\$ 29,175.00	\$ 19,450.00	
									2000	25		Funk Lagoon	\$ 50,000.00	\$ 50,000.00			
									3897	NA		Phelps below 13.3 to 51.1 plus 19.1, 38.6. No payment for these diversions.	NA				
6/10/2014 to 7/7/2014	13237	39		Pumped, 15,000 af contract with amendment									\$ 516,243.00		\$ 258,121.50	\$ 258,121.50	
11/26/2014 to 11/30/2014	1763	39		Pumped, finished contract 11-26 to 11-30									\$ 68,757.00		\$ 34,378.50	\$ 34,378.50	
	37	NA		Not billed but pumped into Elwood									NA				
					70	NA		Not billed, part of Elwood filling					NA				
12/9/2014 to 12/27/2014	8309.2	41		Pumped, 5000 af contract + 5000 af ammendment									\$ 340,677.20		\$ 170,338.60	\$ 170,338.60	
					567.1	38		down to MP 20.1					\$ 21,549.80		\$ 10,774.90	\$ 10,774.90	
11/26/2014 to 12/31/2014									2345.9	27		down to MP 13.3	\$ 63,339.30	\$ 31,669.65	\$ 31,669.65		
1/1/2015 to 2/14/2015									1654.1	28.08		down to MP 13.3, up to 4000 af, then PRRIP to get 100%	\$ 46,447.13	\$ 23,223.56	\$ 23,223.56		
									543.7	28.08		down to MP 13.3, PRRIP only	\$ 15,267.10	\$ 15,267.10			
1/14/2015 to 1/21/2015	1028.8	42.64		Finished out 10,000 af contract, pumped									\$ 43,868.03		\$ 21,934.02	\$ 21,934.02	
					94.9	39.52		in Canal to MP 5.9					\$ 3,750.45		\$ 1,875.22	\$ 1,875.22	
5/11/2015 to 8/24/2015	6800	42.64		For NDNR/TBNRD, finished out Amendments No 1 thru No 4 (Total 17,000 AF)									\$ 289,952.00		\$ 144,976.00	\$ 144,976.00	
					200	39.52		Into Cottonwood WPA, part of Amendment No 1					\$ 7,904.00		\$ 3,952.00	\$ 3,952.00	
	9007	42.64		For PRRIP									\$ 384,058.48	\$ 384,058.48			
11/23/2015 to 12/18/2015	3227	42.64		For NDNR/TBNRD, 11-16-15 Agreement for 4500 af total Canal and Elwood									\$ 137,599.28		\$ 68,799.64	\$ 68,799.64	
					1273	39.52		For NDNR/TBNRD, 11-16-15 Agreement for 4500 af total Canal and Elwood					\$ 50,308.96		\$ 25,154.48	\$ 25,154.48	
	5776	42.64		For PRRIP, May 2015 Agreement and Ammendment No. 1									\$ 246,288.64	\$ 246,288.64			
11/16/2015 to 12/31/2015									747.5	28.08		down to MP 13.3, 25% of diversions for NDNR, 11-18-15 Agreement	\$ 20,989.80		\$ 20,989.80		
11/16/2015 to 12/31/2015									2242.5	28.08		down to MP 13.3, 75% of diversions for PRRIP, 11-26-14 Agreement	\$ 62,969.40	\$ 62,969.40			



Nebraska Public Power District
Always there when you need us

January 14, 2016

PRRIP

Jerry Kenny
4111 4th Avenue, Suite 6
Kearney NE 68845

CPNRD

Lyndon Vogt
215 Kaufman Avenue
Grand Island NE 68803

NDNR

Jeff Faccett
301 Centennial Mall S
Lincoln NE 68508

NPNRD

John Berge
PO Box 280
Scottsbluff NE 69363

TBNRD

John Thorburn
1723 N Burlington
Holdrege NE 68949

TPNRD

Kent Miller
111 S Dewey St
PO Box 1347
North Platte NE 69103

SPNRD

Rod Horn
551 Parkland Drive
PO Box 294
Sidney NE 69162

Dear PRRIP, CPNRD, NDNR, NPNRD, TBNRD, TPNRD and SPNRD:

RE: Request for interest in Groundwater Recharge Services for 2016

We are writing to inquire if you may be interested in contracting for groundwater recharge benefits for the spring of 2016 or any future year groundwater recharge benefits. NPPD has temporary water appropriations through July of 2016 to divert Platte River flows at our Gothenburg and Dawson County irrigation canals for the purpose of groundwater recharge and returns to the Platte River.

If you are interested in contracting for groundwater recharge benefits for this spring or into the future at these locations, please call Randy Zach at 402-563-5377 or me at 402-563-5335 by February 15, 2016.

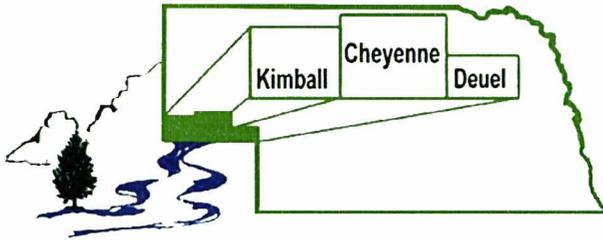
Should you not have an interest but know someone who might have an interest please feel free to pass this information on. Thank you for your consideration.

Sincerely,

Brian L. Barel
Water Resources Manager

cc: R.R. Zach

RECEIVED
JAN 19 2016
DEPARTMENT OF
NATURAL RESOURCES



South Platte Natural Resources District

551 Parkland Drive, PO Box 294 Sidney, Nebraska 69162
(308) 254-2377 FAX (308) 254-2783 www.spnrd.org

December 28, 2015

Jennifer Schellpeper
Integrated Water Management Division Head
Nebraska Department of Natural Resources
301 Centennial Mall South
P.O. Box 94676
Lincoln, NE 68509-4676

RECEIVED

DEC 30 2015

DEPARTMENT OF
NATURAL RESOURCES

Re: SPNRD Oliver Reservoir Streamflow Enhancement Project

Dear Jennifer:

At the December 7, 2015, meeting of the Platte Basin Coalition, the proposal for the Oliver Reservoir Streamflow Enhancement Project (Project) was approved for the full funding level of \$277,200. However, the approval was contingent on the South Platte Natural Resources District (SPNRD) providing a more concrete estimate of the expected benefits to streamflow in Lodgepole Creek as a result of the Project. This letter is intended to provide that information.

As stated in the Project proposal, the Oliver Reservoir Hydrology and Hydrogeology Study (Olsson Associates, 2003) determined that seepage from the reservoir accounted for approximately 50% of the outflows, with the other 50% split fairly evenly between evaporation and overflow/allowed spills. For this analysis a conservative assumption was made that no water provided to the reservoir as part of the Project will be directly spilled to the Creek. Therefore, approximately two thirds of the water provided to the reservoir from the Project will seep from the reservoir and enhance streamflow below the reservoir.

At this point, the amount of water that the project will provide to the reservoir on an annual basis has not been determined, and will depend on several factors, including the desired pool elevation to be achieved and the availability of groundwater. The desired pool elevation will be determined through the planned public participation process and will likely be based on the initial pool elevation in a given year as well. The availability of groundwater will depend on several factors including the public perception of drilling a new well for the Project and the interest from irrigators in leasing allocations to the SPNRD for the Project.

For the purpose of providing an estimated benefit to the streamflows in Lodgepole Creek below the reservoir, conservative assumptions were made so that a *minimum* benefit can be provided. If the

Jennifer Schellpeper
December 28, 2015
Page 2

Project results in the drilling of one new well that is capable of delivering 1000 gallons per minute to the reservoir, and the window for delivery is March through June of any given year for a delivery period of 120 days, the project will deliver approximately 530 acre-feet per year to the reservoir. The result will be an increase in streamflow below the reservoir of approximately 350 acre-feet per year. If the new well is drilled in a location with a 50-year stream depletion factor of 50%, the net result will be an increase in streamflow of approximately 175 acre-feet per year.

If the project expends the entire approved budget of \$462,000 (including the NRDs 40% cost share), the cost of this permanent streamflow enhancement will be approximately \$2,500 per acre-foot given the above conservative assumptions. The cost per acre-foot may be reduced significantly if the water comes from the purchase or lease of existing irrigation allocations, if the project delivers more water on average than assumed here, or if a portion of the water provided to the reservoir ends up being directly spilled to the Creek in some years. Even considering the high-end cost of \$2,500 per acre-foot, the cost of the Project is well in line with the cost of increasing streamflow from other projects in the Platte River Basin.

An additional and significant benefit of the Project is providing to the storage appropriation for the reservoir that depends on streamflow in Lodgepole Creek. Our integrated management plan has the stated goal of eventually returning to a fully appropriated condition in Lodgepole Creek and the SPNRD feels that the benefits provided to the reservoir storage appropriation as a result of the project will be a big step towards getting the Lodgepole Creek back to a fully appropriated status. The benefit of the increased inflows into Oliver Reservoir, using the Project assumptions above, will come at a modest cost of approximately \$850 per acre-foot of project capacity, or if projected out at a 50-year life of the project, only \$20 per acre-foot of water delivered to the reservoir. When considered in the context of the benefits a healthy reservoir brings to the resident of the SPNRD, we feel this cost is a bargain.

I hope this letter provides the information that you need to move forward with a contract between the Department and the SPNRD for this project. Please let me know if you need more information or if we are ready now to move forward.

Sincerely,



Rod L. Horn, General Manager
South Platte Natural Resources District

RLH/js

pc: Ryan Reisdorff, SPNRD Water Resources Specialist
James Schneider, Ph.D., Olsson Associates

Platte Basin Coalition Committee
DRAFT Minutes
Emergency Meeting

February 24th, 2015, 2:55 p.m. Central Time
TPNRD Office, Great Western Bank Building, North Platte, NE

Call to order and attendance: Miller called the meeting to order at 2:50 p.m., Central Time.
Sponsors and partners in attendance (Attachment A) were:

Lyndon Vogt	CPNRD	John Berge	NPNRD
Mark Czaplewski	CPNRD	Tracy Zayac	NPNRD
Kayla Sharp	NDNR	Barb Cross	NPNRD
Jennifer Schellpeper	NDNR	Ryan Reisdorf	SPNRD
Jessie Winter	NDNR	Travis Glanz	SPNRD
Melissa Mosier	NDNR	John Thorburn	TBNRD
Kathy Benson	NDNR	Ann Dimmitt	TPNRD
Rod L. Horn	SPNRD	Kent O. Miller	TPNRD

Guests in attendance:

Kevin Boyd CNPPID

1. **Welcome and Open Meetings Act:** Miller noted that a copy of the Open Meetings Act was available in the meeting room.
2. **Publication of Meeting Notices:** This meeting was not public noticed due to the nature of it being an emergency.
3. **Agenda Items (2):**

1. To hold an emergency meeting due to the time-sensitive nature of hiring a facilitator.

Motion: To approve moving forward with the emergency meeting to hire a facilitator: **Zayac motioned to approve and Schellpeper seconded.. Motion was passed with all eyes.**

2. To vote on the facilitator for hire:

Motion: To hire HDR, Inc. to conduct the facilitation of the 2nd Increment of the Upper Platte Basin-Wide Overappropriated Stakeholders Planning meetings. DNR and Kent O. Miller, PBC Chairman, are to proceed with negotiating and drafting the contract. **Horn motioned to approve and Thorburn seconded. Motion was passed with all eyes.**

Meeting adjourned at 3:05 p.m.