

# Platte Basin Coalition Committee Minutes

December 4, 2017, 1:30 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 3:00 p.m., Central Time.  
Sponsors and partners in attendance (Attachment A) were:

Lyndon Vogt	CPNRD	John Berge	NPNRD
Brandi Flyr	CPNRD	Tracy Zayac	NPNRD
Jesse Mintken	CPNRD	Ryan Reisdorff	SPNRD
Jennifer Schellpeper	NeDNR	Rod L. Horn	SPNRD
Melissa Mosier	NeDNR	John Thorburn	TBNRD
Jessie Strom	NeDNR	Kent O. Miller	TPNRD
Brian Harmon	NeDNR	Ann Dimmitt	TPNRD
Kari Burgert	NeDNR		

- 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 NeDNR published a public notice (Attachment B) of the PBC meeting in the Grand Island Independent on November 30, 2017, the North Platte Telegraph on November 30, 2017, and the Scottsbluff Star Herald on November 24, 2017.
- 3. Agenda Modifications:** No revisions were made to the agenda (Attachment C).
- 4. Approval of the October 2, 2017, PBC Meeting Minutes:**  
**Motion:** To approve the October 2, 2017, PBC meeting minutes (Attachment D).  
**Thorburn motioned to approve and Berge seconded. Motion passed with all ayes.**
- 5. Budget Update (NeDNR) (Attachment E):**
  - A. Funding:**
    - i.** Final Report for NET Funding, Years 1-3 (Attachment F). Harmon reported on the figures. NeDNR had \$173,250 leftover in the general funds for Hardt & Tighe. These were moved to Hardt & Tighe Years 4-6. In Years 4-6, the Cow Camp numbers changed from approximately \$1,000,000 to \$776,834.58 due to project costs with construction monitoring and

operation. The NeDNR share of Hardt & Tighe was \$1,694,020.50 and changed to \$1,782,116.00 to reflect expenditures (increase of \$88,095.50). For fall/winter 2014-2015 E65 Canal & Elwood (Contract #800), expenditures were \$353,850 which was NeDNR's entire obligation. Expenditures were in the amount of \$148,927.99 leaving approximately \$200,000 remaining for the project. In the studies budget there were small errors of 1 to 2 cents, so in future invoices there will be a difference in the remaining total of less than 5 cents. More review is being done on the budget sheets and any changes will be reported to the Coalition at the next meeting.

**ii. Request for funding for the SPNRD Re-Use Pits Recharge Project in Deuel County:** Reisdorff explained the SPNRD memo (Attachment G).

**Motion:** To approve funding from the PBC Year 6 Additional Funds budget for SPNRD's Re-Use Pits Recharge Project in Deuel County. This project will include construction/rehabilitation of up to 8 new pits and enlargement of 3 existing pits. The estimated total cost of the project is \$180,000 and the percent obligation from NeDNR and SPNRD will be 60% & 40% respectively.

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

**B. Studies:**

**i. Conservation Measures**

a. Approval of the The Flatwater Group Invoice (1) in the amount of \$23,859.96 (Attachment H);

**ii. Difference Between Current and Fully Appropriated:**

a. No current invoices at this time.

**iii. 2<sup>nd</sup> Increment Planning Facilitation:**

a. Approval of HDR Invoice (1) in the amount of \$19,735.86 (Attachment I).

**iv. Robust Review:**

a. Approval of Flatwater Group Invoice in the amount of \$43,242.50. (Attachment J). The obligation of \$34,745 towards NeDNR for special requests and the remaining \$8,497.50 to be split according to work done by model area. The remainder of \$5,870 is the ARI subcontractor fee (Attachment K).

**Motion:** To approve all said invoices.

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

**b. Contract Amendment (Attachment L) for with The Flatwater Group (TFG):** Approval of contract extension and budget increase:

**Motion:** To approve a \$101,100 budget increase and a term extension ending December 31, 2018, for TFG's work on the Robust Review Study. The financial increase includes: \$34,745 obligation for NeDNR for work specifically requested by NeDNR; \$34,726 obligation to be split between NeDNR (50%) and the COHYST NRDs (50%) for work on acreage reconciliation; \$31,629 obligation to be split between NeDNR

(50%) and the NRDs (50%), and then further split between NRDs associated with each model area for work related to the contract extension. **Schellpepper motioned to approve and Vogt seconded. Motion passed with all ayes.**

**Actions:**

1. NeDNR will send individual invoices to the NRDs.
2. NeDNR will draft a contract amendment for additional tasks to be performed by TFG on the Robust Review and will email it to the PBC members for review and approval

**6. Project Updates**

**A. N-CORPE (TPNRD):**

- i. Miller stated the north pipeline is completed. Water will start being pumped in 2019 and continue to be pumped into 2020.

**B. Western ID Recharge Pit Construction & Rehab (TBNRD):**

- i. Dimmitt reported that most of the project is complete.

**C. Tri-Basin NRD Phase II Augmentation-North Dry Creek (TBNRD):**

- i. Thorburn reported one of the north augmentation well was operated for approximately three weeks in October.

**D. Rainwater Basin Joint Venture (TBNRD):**

- i. Thorburn reported work has started on this groundwater recharge project.

**E. Oliver Reservoir Streamflow Enhancement (SPNRD):**

- i. Horn stated nothing new to report.

**F. Recharge Pits/Detention Ponds (CPNRD):**

- i. Vogt stated there was nothing new to report.

**G. Lease & Retirement Projects (NPNRD):**

- i. Berge stated the contract was finalized.

**H. Technology/Allocation Reduction Program (NPNRD):**

- i. Berge stated there was nothing new to report.

**I. Blue Creek Recharge Project (NPNRD):**

- i. Berge stated contracts were drafted with the irrigation districts and the landowners.

**J. J-2 Regulating Reservoir (NeDNR):**

- i. Schellpeper reported asbestos testing was done.

**K. Excess Flow Diversion Updates (NeDNR):**

- i. Schellpeper reported the flow over the past five days at Grand Island averaged 1,250 cfs. Consequently, Orchard Canal and Dawson County Canal were taking on excess. CNPPID is cutting flows at Keystone and the river at Overton is running 960 cfs. CNPPID intends to maintain cyclical conditions through December 8. North Platte Hydro is releasing 450 cfs at this time. Near the end of the week, temperatures are forecasted to drop significantly in Nebraska which will create ice and slush in the river. This makes accurate determinations of streamflow difficult.

**7. Public Comments:** No public comments.

**8. Adjourn:** The meeting adjourned at 3:31 p.m. The next meeting is February 7, 2018, at 1:30 p.m. at the Twin Platte NRD office.

**Action Item Summary:**

- 1) NeDNR will email individual invoices to the NRDs,
- 2) NeDNR will draft a contract amendment for additional tasks to be performed by TFG on the Robust Review and will email it to the PBC members for review and approval

**2018 PBC Meeting Dates**

<b>Date</b>	<b>Meeting</b>	<b>Time</b>	<b>Location</b>
<b>February 7, 2018</b>	PBC	1:30 p.m.	TPNRD Office, North Platte
<b>April 3, 2018</b>	PBC	1:30 p.m.	TPNRD Office, North Platte
<b>June 5, 2018</b>	PBC	1:30 p.m.	TPNRD Office, North Platte
<b>August 7, 2018</b>	PBC	1:30 p.m.	TPNRD Office, North Platte
<b>October 2, 2018</b>	PBC	1:30 p.m.	TPNRD Office, North Platte
<b>December 6, 2018</b>	PBC	1:30 p.m.	TPNRD Office, North Platte

**\*Meeting times may adjust depending on the Agenda\***

# PLATTE BASIN COALITION MEETING

Meeting Date: December 4, 2017

Place/Room: TPNRD Office

Name:	Representing:	E-Mail:
MEISSA M MOSIER	NEPWR	MEISSA.MOSIER@NEBRASKA.GOV
Jessie Strom	NeDNR	jessie.strom@nebraska.gov
Brian Harman	NeDNR	brian.harman@nebraska.gov
Tracy Zayac	NPNRD	tzayac@npnrdr.org
John Berge	NPNRD	jberge@npnrdr.org
Ryan Reisdorf	SPNRD	rreisdorf@spnrdr.org
Kod L. Horn	SPNRD	rlhorn@spnrdr.org
Lyndon Vogt	CPNRD	vogt@cpnrdr.org
Bundi Flyr	CPNRD	flyr@cpnrdr.org
John Thorburn	Tri-Basin NRD	jthorburn@tribasinnrd.org
Kent O. Miller	TPNRD	komiller@tpnrdr.org
Ann Dimmitt	TPNRD	
Jesse Munk	CPNRD	munk@cpnrdr.org
Kari Burgert	DNR	Kari.burgert@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 Monday, December 4, 2017, at 3:00 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](http://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, 4<sup>th</sup> 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](mailto:melissa.mosier@nebraska.gov).

# DRAFT Agenda

## Platte Basin Coalition Meeting

December 4, 2017, 3:00 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 October 2, 2017, PBC Meeting Minutes
5. Budget Update (NeDNR)
  - A. Funding
    - i. Final Report for NET Funding, Years 1-3
    - ii. Request for funding for the SPNRD Re-Use Pits Recharge Project in Deuel County
  - B. Studies
    - i. Conservation Measures
      - a. Approval of Flatwater Group invoice(s)
    - ii. Difference Between Current and Fully Appropriated
      - a. Approval of HDR invoice(s)
    - iii. 2<sup>nd</sup> Increment Planning Facilitation
      - a. Approval of HDR invoice(s)
    - iv. Robust Review
      - a. Approval of Flatwater Group invoice(s)
      - b. Contract Amendment with The Flatwater Group
6. Project Updates
  - A. N-CORPE (TPNRD)
  - B. Western ID Recharge Pit Construction & Rehab (TPNRD)
  - C. Tri-Basin NRD Phase II Augmentation - North Dry Creek (TBNRD)
  - D. Rainwater Basin Joint Venture (TBNRD)
  - E. Oliver Reservoir Streamflow Enhancement (SPNRD)
  - F. CPNRD Recharge Pits/Detention Ponds
  - G. NPNRD Lease & Retirement Projects
  - H. NPNRD Technology/Allocation Reduction Program
  - I. Blue Creek Recharge Project (NPNRD)
  - J. J-2 Regulating Reservoir (NeDNR)
  - K. Excess Flow Diversion Updates (NeDNR)
7. Public Comments
8. Adjourn

Date	Meeting	Time	Location
December 4, 2017	POAC/PBC	10:30 a.m./1:30 p.m.	TPNRD Office, North Platte
January 17, 2018	SPG	10:30 a.m.	Best Western, North Platte
February 7, 2019	POAC/PBC	10:30 a.m. / 1:30 p.m.	TPNRD Office, North Platte
March 21, 2018	SPG	10:30 a.m.	Holiday Inn Express, North Platte
April 3, 2018	POAC/PBC	10:30 a.m. / 1:30 p.m.	TPNRD Office, North Platte
May 16, 2018	SPG	10:30 a.m.	Holiday Inn Express, North Platte
June 5, 2018	POAC/PBC	10:30 a.m. / 1:30 p.m.	TPNRD Office, North Platte
July 18, 2018	Basin-Wide Annual Meeting	10:30 a.m.	Holiday Inn Express, North Platte
July 18, 2018	SPG	1:30 p.m.	Holiday Inn Express, North Platte
August 7, 2018	POAC/PBC	10:30 a.m. / 1:30 p.m.	TPNRD Office, North Platte
October 2, 2018	POAC/PBC	10:30 a.m. / 1:30 p.m.	TPNRD Office, North Platte
December 6, 2018	POAC/PBC	10:30 a.m. / 1:30 p.m.	TPNRD Office, North Platte

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# Platte Basin Coalition Committee Minutes

October 2, 2017, 1:30 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 1:30 p.m., Central Time. Sponsors and partners in attendance (Attachment A) were:

Lyndon Vogt	CPNRD	Ryan Reisdorff	SPNRD
Brandi Flyn	CPNRD	Rod L. Horn	SPNRD
Jennifer Schellpeper	NeDNR	John Thorburn	TBNRD
Melissa Mosier	NeDNR	Kent O. Miller	TPNRD
Barb Cross	NPNRD	Ann Dimmitt	TPNRD
Tracy Zayac	NPNRD		

Guests in attendance:

Cory Steinke	CNPPID	Mike Drain	CNPPID
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**Welcome and Open Meetings Act:** Miller noted that a copy of the Open Meetings Act was available in the meeting room.

- 1. Publication of Meeting Notices:** The NeDNR published a public notice (Attachment B) of the PBC meeting in the Grand Island Independent on September 26, 2017, the North Platte Telegraph on September 26, 2017, and the Scottsbluff Star Herald on September 26, 2017.
- 2. Agenda Modifications:** No revisions were made to the agenda (Attachment C).
- 3. Approval of the August 7, 2017, PBC Meeting Minutes:**
  - Motion:** To approve the August 7, 2017, PBC meeting minutes (Attachment D).  
**Thorburn motioned to approve and Horn seconded. Motion passed with all ayes.**
- 5. Budget Update (NeDNR) (Attachment E):**
  - A. Funding:**
    - NPNRD-Recharge Project along Blue Creek (Attachment F)
    - TBNRD-CNPPID Infrastructure Build & Excess Flows (Attachment G)
      - Motion:** To approve Year 6 Additional Funds Budget Review FY 2017-2018 (lines 1, 3, 4, 5, 6; not line 2) plus the North Platte NRD projects.  
**Vogt motioned to approve and Horn seconded. Motion passed with all ayes.**

## B. Studies:

### i. Invoices

**a. Conservation Measures Study Phase II:** Approval of the The Flatwater Group Invoices (2) in the amounts of \$5,140.79 and \$706.68. (Attachment H & I);

**b. Difference Between Current and Fully Appropriated:** No current invoices at this time.

**c. 2<sup>nd</sup> Increment Planning Facilitation:** Approval of HDR Invoices (2) in the amounts of \$11,860.15 & \$9,675.68. (Attachments J & K).

**d. Robust Review:** Approval of Flatwater Group Invoice in the amount of \$36,082.50 (CoHYST \$28,667.50 & WWUM \$7,415.00) (Attachments L).

**Motion:** To approve and pay all said study invoices. **Schellpeper motioned to approve and Vogt seconded. Motion passed with all ayes.**

**ii. Contract Amendment for Conservation Study:** Proposal from Flatwater (Attachment M) to extend the studies contract to the end of 2017 in the amount of \$11,060.00.

**Motion:** To approve extension of the contract to the end of 2017 in the amount of \$11,060.00

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

### **Actions:**

1. NeDNR will send individual invoices to the NRDs.
2. NeDNR will draft a contract amendment working with Flatwater and will email it to the PBC members for review and approval

## 6. Project Updates

### A. N-CORPE (TPNRD):

- i. Miller stated the north pipeline is completed, pressure testing is also completed, and all that remains is the seeding.

### B. J-2 Regulating Reservoir (NeDNR) (Attachment N):

- i. Schellpeper gave out the quarterly report. Cory Steinke of CNPPID stated the project is wrapping up and any future costs will be related to groundwater monitoring which will be maintained by PRRIP. There is one last billing pending from the project. As the project is on hold as opposed to cancelled, the funds will remain and not be reimbursed unless and until the contract is closed.

### C. Tri-Basin NRD Phase II Augmentation-North Dry Creek (TBNRD):

- i. Thorburn reported both wells ran most of June, July, & August.

### D. Oliver Reservoir Streamflow Enhancement (SPNRD):

- i. Horn reported that the project is closed out due to options that were not feasible.

### E. Western ID Intentional Recharge Pilot Project:

- i. Miller stated there was nothing new to report.

### F. Excess Flow Diversion Updates:

- i. Schellpeper reported there were excess flows within the CNPPID system.

**7. 2018 PBC Meeting Dates:** Dates were set for the 2018 PBC meetings as reported in the table below.

**8. Public Comments:** There were no public comments.

**9. Adjourn:** The meeting adjourned at 2:00 p.m. The next meeting is December 4, 2017, at 1:30 p.m. at the Twin Platte NRD office.

**Action Item Summary:**

- 1) NeDNR will email individual invoices to the NRDs,
- 2) NeDNR will draft a contract amendment working with Flatwater and will email it to the PBC members for review and approval.

The 2017 PBC meeting schedule is as follows:

Date	Meeting	Time	Location
December 4, 2017	POAC/PBC	10:30 a.m. / 1:30 p.m.	TPNRD Office, North Platte

**2018 PBC Meeting Dates**

Date	Meeting	Time	Location
February 7, 2018	PBC	1:30 p.m.	TPNRD Office, North Platte
April 3, 2018	PBC	1:30 p.m.	TPNRD Office, North Platte
June 5, 2018	PBC	1:30 p.m.	TPNRD Office, North Platte
August 7, 2018	PBC	1:30 p.m.	TPNRD Office, North Platte
October 2, 2018	PBC	1:30 p.m.	TPNRD Office, North Platte
December 6, 2018	PBC	1:30 p.m.	TPNRD Office, North Platte

**\*Meeting times may adjust depending on the Agenda\***

**PBC Study Budget**

Updated 12/1/2017

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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>Total 3 Year Budget</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,160.00	\$ 70,160.00

Paid 8/15/2013  
Paid 11/20/2013  
Paid 1/10/2014

Conservation Study Phase II Original Total Budget	\$ 22,600.00	\$ 22,600.00	\$ 22,600.00	\$ 22,600.00	\$ 22,600.00	\$ 113,000.00	\$ 113,000.00	\$ 226,000.00
TFGCostsforPAC	\$ 1,106.00	\$ 1,106.00	\$ 1,106.00	\$ 1,106.00	\$ 1,106.00	\$ 5,530.00	\$ 5,530.00	\$ 11,060.00
Conservation Study Phase II Current Total Budget	\$ 23,706.00	\$ 23,706.00	\$ 23,706.00	\$ 23,706.00	\$ 23,706.00	\$ 118,530.00	\$ 118,530.00	\$ 237,060.00
Conservation Study Phase II Contracted (#915)	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	NRD Total	NDNR	Total
Invoice 15-1764 (Phase II) #1	\$ 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) #2	\$ 678.00	\$ 678.00	\$ 678.00	\$ 678.00	\$ 678.00	\$ 3,390.00	\$ 3,390.00	\$ 6,780.00
Invoice 15-1829 (Phase II) #3	\$ 2,047.12	\$ 2,047.12	\$ 2,047.12	\$ 2,047.12	\$ 2,047.12	\$ 10,235.60	\$ 10,235.65	\$ 20,471.25
Invoice 16-1859 (Phase II) #4	\$ 1,073.00	\$ 1,073.00	\$ 1,073.00	\$ 1,073.00	\$ 1,073.00	\$ 5,365.00	\$ 5,365.00	\$ 10,730.00
Invoice 16-1870 (Phase II) #5	\$ 2,488.00	\$ 2,488.00	\$ 2,488.00	\$ 2,488.00	\$ 2,488.00	\$ 12,440.00	\$ 12,440.00	\$ 24,880.00
Invoice 16-1893 (Phase II) #6	\$ 467.75	\$ 467.75	\$ 467.75	\$ 467.75	\$ 467.75	\$ 2,338.75	\$ 2,338.75	\$ 4,677.50
Invoice 16-1910 (Phase II) #7	\$ 2,503.50	\$ 2,503.50	\$ 2,503.50	\$ 2,503.50	\$ 2,503.50	\$ 12,517.50	\$ 12,517.50	\$ 25,035.00
Invoice 16-1932 (Phase II) #8	\$ 2,636.17	\$ 2,636.17	\$ 2,636.17	\$ 2,636.17	\$ 2,636.17	\$ 13,180.85	\$ 13,180.86	\$ 26,361.71
Invoice 16-1956 (Phase II) #9	\$ 1,878.00	\$ 1,878.00	\$ 1,878.00	\$ 1,878.00	\$ 1,878.00	\$ 9,390.00	\$ 9,390.00	\$ 18,780.00
Invoice 16-1976 (Phase II) #10	\$ 395.76	\$ 395.76	\$ 395.76	\$ 395.76	\$ 395.76	\$ 1,978.80	\$ 1,978.87	\$ 3,957.67
Invoice 16-1988 (Phase II) #11	\$ 1,523.00	\$ 1,523.00	\$ 1,523.00	\$ 1,523.00	\$ 1,523.00	\$ 7,615.00	\$ 7,615.00	\$ 15,230.00
Invoice 17-2032 (Phase II) #12	\$ 2,099.85	\$ 2,099.85	\$ 2,099.85	\$ 2,099.85	\$ 2,099.85	\$ 10,499.25	\$ 10,499.22	\$ 20,998.47
Invoice 17-2115 (Phase II) #13	\$ 409.28	\$ 409.28	\$ 409.28	\$ 409.28	\$ 409.28	\$ 2,046.40	\$ 2,046.39	\$ 4,092.78
Invoice 17-2120 (Phase II) #14	\$ 514.08	\$ 514.08	\$ 514.08	\$ 514.08	\$ 514.08	\$ 2,570.40	\$ 2,570.39	\$ 5,140.79
Invoice 17-2149 (Phase II) #15	\$ 70.67	\$ 70.67	\$ 70.67	\$ 70.67	\$ 70.67	\$ 353.35	\$ 353.33	\$ 706.68
Invoice 17-2189 (Phase II) #16	\$ 2,386.00	\$ 2,386.00	\$ 2,386.00	\$ 2,386.00	\$ 2,386.00	\$ 11,930.00	\$ 11,929.96	\$ 23,859.96
Total	\$ 22,953.63	\$ 22,953.63	\$ 22,953.63	\$ 22,953.63	\$ 22,953.63	\$ 114,768.15	\$ 114,768.17	\$ 204,969.67
<b>Remaining totals by Contributor</b>	\$ 752.37	\$ 752.37	\$ 752.37	\$ 752.37	\$ 752.37	\$ 3,761.85	\$ 3,761.83	\$ 32,090.33

Approved 08/06/2015 Paid 9/16/2015  
Approved 10/06/2015 Paid 10/16/2015  
Approved 12/07/2015 Paid 12/18/2015  
Approved 02/24/2016 Paid 2/8/2016  
Approved 04/06/2016 Paid 4/13/2016  
Approved 06/02/2016 paid 6/7/2016  
Approved 08/02/2016 Paid 8/18/2016  
Approved 08/02/2016 paid 8/18/2016  
Approved 10/2/2016 Paid 10/27/2016  
Approved 02/02/2017 Paid 2/8/2017  
Approved 02/02/2017 Paid 2/8/2017  
Approved 04/04/2017 Paid 4/14/2017  
Approved 08/02/2017 Paid 8/11/2017  
Approved 10/2/2017  
Approved 10/2/2017

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
<b>Remaining totals by Contributor</b>								\$ 13,886.25

Paid 9/19/2014  
Paid 3/19/2015

Consultant Estimates October 2014	\$ 115,000.00	\$ 107,000.00							\$ 222,000.00
OA/FA Study	CPNRD*	NPNRD	SPNRD	TBNRD	TPNRD	NRD Total	NDNR	IWMPPF	Total
Budget	\$ 9,000.00	\$ 9,000.00	\$ 9,000.00	\$ 9,000.00	\$ 9,000.00	\$ 45,000.00	\$ -	\$ 180,000.00	\$ 225,000.00
CPNRD Payment to ARI & HDR (per 8/1 email, JW & DW)	\$ 8,262.85	\$ 9,000.00	\$ 9,000.00	\$ 9,000.00	\$ 9,000.00	\$ 44,262.85	\$ -	\$ 177,051.40	\$ 221,314.25
ARI overage	\$ 758.02	\$ 758.02	\$ 758.02	\$ 758.02	\$ 758.02	\$ 3,790.10	\$ 3,790.10	\$ -	\$ 7,580.20
<b>actual total to-date</b>	\$ 9,610.59	\$ 9,610.59	\$ 9,610.59	\$ 9,610.59	\$ 9,610.59	\$ 48,052.95	\$ 3,790.10	\$ 177,051.40	\$ 228,894.45
<b>actual paid-to-date</b>	\$ 8,262.85	\$ 9,000.00	\$ 9,000.00	\$ 9,000.00	\$ 9,000.00	\$ 44,262.85	\$ -	\$ 177,051.40	\$ 221,314.25
difference between budget and actual	\$ 610.59	\$ 610.59	\$ 610.59	\$ 610.59	\$ 610.59	\$ 3,052.95	\$ 3,790.10	\$ (2,948.60)	\$ 3,894.45
<b>Remaining totals by Contributor</b>	\$ 1,347.74	\$ 610.59	\$ 610.59	\$ 610.59	\$ 610.59	\$ 3,790.10	\$ 3,790.10	\$ -	\$ 7,580.20

**PBC Study Budget**  
Updated 12/1/2017

OA/FA Refinements # 927	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	NRD Total	NeDNR	Total
Budget estimate even split	\$ 5,200.00	\$ 5,200.00	\$ 5,200.00	\$ 5,200.00	\$ 5,200.00	\$ 26,000.00	\$ 26,000.00	\$ 52,000.00
HDR Budget	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 20,000.00	\$ 20,000.00	\$ 40,000.00
ARI Budget	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 6,000.00	\$ 6,000.00	\$ 12,000.00
Invoice #1 (Aug 16 - Aug 20)	\$ 99.09	\$ 99.09	\$ 99.09	\$ 99.09	\$ 99.09	\$ 495.45	\$ 495.50	\$ 990.95
Invoice #2 (Aug 21 - Sep 24)	\$ 1,627.60	\$ 1,627.60	\$ 1,627.60	\$ 1,627.60	\$ 1,627.60	\$ 8,138.00	\$ 8,137.98	\$ 16,275.95
Invoice #3 (Sep 25 - Oct 29)	\$ 947.66	\$ 947.66	\$ 947.66	\$ 947.66	\$ 947.66	\$ 4,738.30	\$ 4,738.34	\$ 9,476.64
Invoice #4 (Oct 30 - Nov 26)	\$ 214.14	\$ 214.14	\$ 214.14	\$ 214.14	\$ 214.14	\$ 1,070.70	\$ 1,070.68	\$ 2,141.38
Invoice #5 (Nov 27 - Dec 31)	\$ 324.55	\$ 324.55	\$ 324.55	\$ 324.55	\$ 324.55	\$ 1,622.75	\$ 1,622.74	\$ 3,245.49
Invoice #6 (Jan 1 - Feb 27)	\$ 749.25	\$ 749.25	\$ 749.25	\$ 749.25	\$ 749.25	\$ 3,746.25	\$ 3,746.25	\$ 7,492.50
Total	\$ 3,962.29	\$ 3,962.29	\$ 3,962.29	\$ 3,962.29	\$ 3,962.29	\$ 19,811.45	\$ 19,811.49	\$ 39,622.91
<b>Remaining totals by Contributor</b>	<b>\$ 1,237.71</b>	<b>\$ 6,188.55</b>	<b>\$ 6,188.52</b>	<b>\$ 12,377.09</b>				

Approved 10/12/2-16 Paid 11/1/2016  
Approved 02/02/2017 Paid 2/8/2017  
Approved 02/02/2017 Paid 2/8/2017  
Approved 02/02/2017 Paid 2/8/2017  
Approved 02/02/2017 Paid 2/8/2017  
Approved 04/04/2017 Paid 4/10/2017

Robust Review Work - #947	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	NRD Total	NDNR	Total
TFG WWUM		\$ 20,250.00	\$ 20,250.00			\$ 40,500.00	\$ 40,500.00	\$ 81,000.00
TFG Cohyst	\$ 17,500.00			\$ 17,500.00	\$ 17,500.00	\$ 52,500.00	\$ 52,500.00	\$ 105,000.00
ARI WWUM		\$ 27,500.00	\$ 27,500.00			\$ 55,000.00	\$ 55,000.00	\$ 110,000.00
Preliminary Basin Analysis Flatwater							\$ 34,745.00	\$ 34,745.00
By Model Area Total*	\$ 17,500.00	\$ 47,750.00	\$ 47,750.00	\$ 17,500.00	\$ 17,500.00	\$ 148,000.00	\$ 148,000.00	\$ 296,000.00

<b>Budget</b>							\$ 34,745.00	\$ 34,745.00
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Preliminary Basin Analysis Flatwater	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	NRD Total	NDNR	Total
Invoice #17-2188							\$ 34,745.00	\$ 34,745.00
Total							\$ 34,745.00	\$ 34,745.00
<b>Remaining totals by Contributor</b>							\$ -	\$ -

<b>Budget</b>	\$ 17,500.00			\$ 17,500.00	\$ 17,500.00	\$ 52,500.00	\$ 52,500.00	\$ 105,000.00
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Robust Review Work - COHYST	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	NRD Total	NDNR	Total
Invoice #17-2036	\$ 622.92	\$ -	\$ -	\$ 622.92	\$ 622.92	\$ 1,868.75	\$ 1,868.75	\$ 3,737.50
Invoice #17-2038	\$ 865.00	\$ -	\$ -	\$ 865.00	\$ 865.00	\$ 2,595.00	\$ 2,595.00	\$ 5,190.00
Invoice #17-2075	\$ 1,168.75	\$ -	\$ -	\$ 1,168.75	\$ 1,168.75	\$ 3,506.25	\$ 3,506.25	\$ 7,012.50
Invoice #17-2114	\$ 747.50	\$ -	\$ -	\$ 747.50	\$ 747.50	\$ 2,242.50	\$ 2,242.50	\$ 4,485.00
Invoice #17-2150	\$ 4,777.92	\$ -	\$ -	\$ 4,777.92	\$ 4,777.92	\$ 14,333.76	\$ 14,333.74	\$ 28,667.50
Invoice #17-2188	\$ 348.33			\$ 348.33	\$ 348.33	\$ 1,044.99	\$ 1,045.01	\$ 2,090.00
Total	\$ 8,530.42	\$ -	\$ -	\$ 8,530.42	\$ 8,530.42	\$ 25,591.25	\$ 25,591.25	\$ 51,182.50
<b>Remaining totals by Contributor</b>	<b>\$ 8,969.58</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 8,969.58</b>	<b>\$ 8,969.58</b>	<b>\$ 26,908.75</b>	<b>\$ 26,908.75</b>	<b>\$ 53,817.50</b>

Approved 06/05/2017 Paid 6/14/2017  
Approved 06/05/2017 Paid 6/14/2017  
Approved 06/05/2017 Paid 6/14/2017  
Approved 08/02/2017 Paid 8/11/2017  
Approved 10/2/2017

<b>Budget</b>		\$ 47,750.00	\$ 47,750.00			\$ 95,500.00	\$ 95,500.00	\$ 191,000.00
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Robust Review Work - WWUM	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	NRD Total	NDNR	Total
Invoice #17-2036	\$ -	\$ 1,814.02	\$ 1,814.02	\$ -	\$ -	\$ 3,628.04	\$ 3,628.04	\$ 7,256.08
Invoice #17-2038	\$ -	\$ 3,250.63	\$ 3,250.63	\$ -	\$ -	\$ 6,501.26	\$ 6,501.24	\$ 13,002.50
Invoice #17-2075	\$ -	\$ 3,171.56	\$ 3,171.56	\$ -	\$ -	\$ 6,343.12	\$ 6,343.13	\$ 12,686.25
Invoice #17-2114	\$ -	\$ 5,839.69	\$ 5,839.69	\$ -	\$ -	\$ 11,679.38	\$ 11,679.37	\$ 23,358.75
Invoice #17-2119	\$ -	\$ 2,111.25	\$ 2,111.25	\$ -	\$ -	\$ 4,222.50	\$ 4,222.50	\$ 8,445.00
Invoice #17-2150	\$ -	\$ 1,853.75	\$ 1,853.75	\$ -	\$ -	\$ 3,707.50	\$ 3,707.50	\$ 7,415.00
Invoice #17-2188		\$ 1,601.87	\$ 1,601.87			\$ 3,203.74	\$ 3,203.76	\$ 6,407.50
Invoice #17-2191		\$ 1,467.50	\$ 1,467.50			\$ 2,935.00	\$ 2,935.00	\$ 5,870.00
Total	\$ -	\$ 21,110.27	\$ 21,110.27	\$ -	\$ -	\$ 42,220.54	\$ 42,220.54	\$ 84,441.08
<b>Remaining totals by Contributor</b>	<b>\$ -</b>	<b>\$ 26,639.74</b>	<b>\$ 26,639.73</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 53,279.47</b>	<b>\$ 53,279.46</b>	<b>\$ 106,558.93</b>

Approved 06/05/2017 Paid 6/14/2017  
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Approved 06/05/2017 Paid 6/14/2017  
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Approved 08/02/2017 Paid 8/11/2017  
Approved 10/2/2017

**PBC Study Budget**  
Updated 12/1/2017

Facilitation for 2nd Increment - #900								
HDR Engineering Facilitator	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	NRD Total	NDNR	Total
Upper Platte Basinwide Plan	\$ 43,440.90	\$ 43,440.90	\$ 43,440.90	\$ 43,440.90	\$ 43,440.90	\$ 217,204.50	\$ 217,204.50	\$ 434,409.00
Kickoff Invoice	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 744.99	\$ 744.99
Invoice #1 (May 29 - July 23)	\$ 3,499.33	\$ 3,499.33	\$ 3,499.33	\$ 3,499.33	\$ 3,499.33	\$ 17,496.65	\$ 17,496.65	\$ 34,993.30
Invoice #2 (July 24 - Aug 20)	\$ 389.45	\$ 389.45	\$ 389.45	\$ 389.45	\$ 389.45	\$ 1,947.25	\$ 1,947.29	\$ 3,894.54
Invoice #3 (Aug 21 - Sep 24)	\$ 1,670.09	\$ 1,670.09	\$ 1,670.09	\$ 1,670.09	\$ 1,670.09	\$ 8,350.45	\$ 8,350.44	\$ 16,700.88
Invoice #4 (Sep 25 - Oct 29)	\$ 1,262.11	\$ 1,262.11	\$ 1,262.11	\$ 1,262.11	\$ 1,262.11	\$ 6,310.55	\$ 6,310.59	\$ 12,621.14
Invoice #5 (Oct 30 - Nov 26)	\$ 1,749.74	\$ 1,749.74	\$ 1,749.74	\$ 1,749.74	\$ 1,749.74	\$ 8,748.70	\$ 8,748.71	\$ 17,497.41
Invoice #6 (Nov 27 - Dec 31)	\$ 661.67	\$ 661.67	\$ 661.67	\$ 661.67	\$ 661.67	\$ 3,308.35	\$ 3,308.33	\$ 6,616.66
Invoice #7 (Jan 01 - Feb 4)	\$ 2,211.97	\$ 2,211.97	\$ 2,211.97	\$ 2,211.97	\$ 2,211.97	\$ 11,059.85	\$ 11,059.88	\$ 22,119.73
Invoice #8 (Feb 5 - Mar 4)	\$ 1,070.37	\$ 1,070.37	\$ 1,070.37	\$ 1,070.37	\$ 1,070.37	\$ 5,351.85	\$ 5,351.86	\$ 10,703.66
Invoice #9 (Mar 5 - Apr 1)	\$ 1,353.33	\$ 1,353.33	\$ 1,353.33	\$ 1,353.33	\$ 1,353.33	\$ 6,766.66	\$ 6,766.65	\$ 13,533.31
Invoice #10 (Apr 2 - Apr 29)	\$ 1,111.09	\$ 1,111.09	\$ 1,111.09	\$ 1,111.09	\$ 1,111.09	\$ 5,555.45	\$ 5,555.50	\$ 11,110.95
Invoice #11 (Apr 30 - May 27)	\$ 1,572.29	\$ 1,572.29	\$ 1,572.29	\$ 1,572.29	\$ 1,572.29	\$ 7,861.45	\$ 7,861.47	\$ 15,722.92
Invoice #12 (May 28 - July 1)	\$ 646.97	\$ 646.97	\$ 646.97	\$ 646.97	\$ 646.97	\$ 3,234.85	\$ 3,234.85	\$ 6,469.70
Invoice #13 (July 2 - Aug 5)	\$ 1,186.02	\$ 1,186.02	\$ 1,186.02	\$ 1,186.02	\$ 1,186.02	\$ 5,930.10	\$ 5,930.05	\$ 11,860.15
Invoice #14 (Aug 6 - Sep 2)	\$ 967.57	\$ 967.57	\$ 967.57	\$ 967.57	\$ 967.57	\$ 4,837.85	\$ 4,837.83	\$ 9,675.68
Invoice #15 (Sep 3-Sep 30)	\$ 1,973.59	\$ 1,973.59	\$ 1,973.59	\$ 1,973.59	\$ 1,973.59	\$ 9,867.95	\$ 9,867.91	\$ 19,735.86
Total	\$ 21,325.59	\$ 21,325.59	\$ 21,325.59	\$ 21,325.59	\$ 21,325.59	\$ 106,627.96	\$ 107,373.00	\$ 214,000.88
Remaining totals by Contributor	\$ 22,115.31	\$ 22,115.31	\$ 22,115.31	\$ 22,115.31	\$ 22,115.31	\$ 110,576.55	\$ 109,831.50	\$ 220,408.13

Approved 10/12/2-16 Paid 11/1/2016  
 Approved 10/12/2-16 Paid 11/1/2016  
 Approved 02/02/2017 Paid 2/8/2017  
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 Approved 02/02/2017 Paid 2/8/2017  
 Approved 02/02/2017 Paid 2/8/2017  
 Approved 04/04/2017 Paid 4/10/2017  
 Approved 04/04/2017 Paid 4/10/2017  
 Approved 06/05/2017 Paid 6/14/2017  
 Approved 06/05/2017 Paid 6/14/2017  
 Approved 08/02/2017 Paid 8/11/2017  
 Approved 08/02/2017 Paid 8/11/2017  
 Approved 10/2/2017  
 Approved 10/2/2017

Total Study Budget (Committed)	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	NRD Total	NeDNR	IWMPPF	State Total	Total
	\$ 98,351.49	\$ 128,601.49	\$ 128,601.49	\$ 98,351.49	\$ 98,351.49	\$ 552,257.45	\$ 623,154.60	\$ 180,000.00	\$ 803,154.60	\$ 1,355,412.05
Total Study Budget (Spent)	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	NRD Total	NeDNR	IWMPPF	State Total	Total
	\$ 56,504.36	\$ 57,241.51	\$ 57,241.51	\$ 57,241.51	\$ 57,241.51	\$ 285,470.41	\$ 343,226.41	\$ 177,051.40	\$ 520,277.81	\$ 805,748.21
Total Study Budget (Remaining)	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	NRD Total	NeDNR	IWMPPF	State Total	Total
	\$ 42,953.13	\$ 72,465.98	\$ 72,465.98	\$ 42,215.98	\$ 42,215.98	\$ 271,579.89	\$ 285,458.20	\$ (2,948.60)	\$ 282,509.60	\$ 582,341.99



Non-NET Projects	Cnt #	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	Total NRD	DNR (NET Transfer)	NRD/NET total	NET %	DNR General Fund	Total by Project	Invoices Paid	NDNR Amount Paid	Project Status - Notes	NDNR Remaining
Grandview Permanent Retirement	571	\$ -	\$ 6,288.00	\$ -	\$ -	\$ -	\$ 6,288.00	\$ -	\$ 6,288.00		\$ 9,432.00	\$ 15,720.00	60.00%	\$ 9,432.00	Paid - October 28, 2015	\$ -
Industrial Baseline Offset SPNRD	894	\$ -	\$ -	\$ 4,296.00	\$ -	\$ -	\$ 4,296.00	\$ -	\$ 4,296.00		\$ 6,444.00	\$ 10,740.00	60.00%	\$ 6,444.00	Paid - October 31, 2016	\$ -
Invoice (we made one payment based on the years) (3580*0.6=2148)									\$ -				\$ 2,148.00			
Invoice #2 (paid the remaining 2 years in a lump sum), (3580*2*0.6=4296)									\$ -				\$ 4,296.00			
Invoice (15,720*.60=9,432)									\$ -				\$ 9,432.00			
Re-Use Pits Recharge Project Spring 2014	N/A	\$ -	\$ -	\$ 600.00	\$ -	\$ 3,600.00	\$ 4,200.00	\$ -	\$ 4,200.00		\$ 6,300.00	\$ 10,500.00	60.00%	\$ 6,300.00	Paid - April 17, 2015	\$ -
Invoice requesting reimbursement									\$ -				\$ 6,300.00			
Spring 2014 E65 Canal and Elwood Reservoir Recharge Project (10,000)	771	\$ -	\$ -	\$ -	\$ 292,500.15	\$ -	\$ 292,500.15	\$ -	\$ 292,500.15		\$ 292,500.15	\$ 585,000.30	50.00%	\$ 292,500.15	Paid - August 6, 2014	\$ -
Invoice #50250 13,237 AF *\$39/AF									\$ -				\$ 258,121.50			
Invoice #53452 1,763 AF * \$39/AF									\$ -				\$ 34,378.50		Paid - February 26, 2015	
Fall 2013 GW recharge	588/622	\$ 6,000.00	\$ -	\$ 2,970.00	\$ 112,199.34	\$ 10,930.00	\$ 132,099.34	\$ -	\$ 132,099.34		\$ 198,149.00	\$ 330,248.34	60.00%	\$ 198,149.00	Paid - December 12, 201	\$ -
Paxton Hershey Agreement #585									\$ -							
Suburban Irrigation #586									\$ -							
Western Irrigation #587									\$ -							
Platte Valley Irrigation #588									\$ -							
Elwood Service Agreement									\$ -							
Phelps Service Agreement									\$ -							
Dawson Agreement									\$ -							
Phelps Canal Diversion Project (DNR/PRRIP) (2014-2015)	799	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ 56,160.00	\$ 56,160.00	100.00%	\$ 56,160.00	Paid - March 31, 2015	\$ -
Invoice #53687													\$ 31,669.65			
Invoice #54897													\$ 23,223.57			
Fall/Winter 2014-2015 E65 Canal and Elwood Reservoir Recharge Project	800	\$ -	\$ -	\$ -	\$ 204,922.74	\$ -	\$ 204,922.74	\$ -	\$ 204,922.74		\$ 204,922.74	\$ 409,845.48	50.00%	\$ 204,922.74	Paid - March 31, 2015	\$ -
Invoice #53683													\$ 170,338.60			
Invoice #53685													\$ 10,774.90			
Invoice #54586													\$ 1,875.23			
Invoice #54583													\$ 21,934.01			
<b>Actual Spent</b>		\$ 3,782,442.00	\$ 203,046.00	\$ 7,866.00	\$ 1,802,122.23	\$ 1,564,330.00	\$ 7,359,806.23	\$ 9,899,999.92	\$ 17,259,806.15		\$ 7,200,657.89	\$ 24,460,464.04				
<b>Budget vs Spent</b>		\$ -	\$ -	\$ -	\$ 0.00	\$ -	\$ (34,378.65)	\$ 0.08	\$ (34,378.57)		\$ 173,250.00	\$ 173,250.08				

NET Project Transfers and Amendments	Cnt #	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	Total NRD	DNR (NET Transfer)	NRD/NET total	NET %	DNR General Fund	Total by Project
NPNRD Retirement Agreement - Hardt and Tighe	925											
Phase II North Dry Creek	488											
Phase II North Dry Creek original budget					\$ 39,000.00			\$ 58,500.00	\$ 97,500.00			
Project reduced to 60,000 calculations difference transferred to					\$ 24,000.00		\$ 24,000.00	\$ 36,000.00	\$ 60,000.00	60.00%		\$ 60,000.00
Budget transfer to E65 Elwood recharge					\$ 6,931.09			\$ 10,396.64	\$ 17,327.73	60.00%		
Fall/Winter 2014-2015 E65 Canal/Elwood (transfer from North Dry	800											
J-2 Reregulating Reservoir	574											
Amendment 1												
Orchard-Alfalfa Canal Rehabilitation	615											
Amendment increase from \$4,163,946 to \$4,684,732												
Amendment increase from \$4,684,732 to \$4,977,456.48												
Thirty-Mile, Orchard, Cozad	615 & 616											
30-Mile Amendment transferred from CPNRD Easement												
Cozad Contract												
30-Mile Contract												
PBC Meeting April 2014 - reduced project from \$96,000 to \$60,000 (pg 3 #6 E)												
PBC Meeting December 2015 - Transfer remaining \$ to E65/Elwood (pg 2 #5 C)												
30-Mile Amendment												
CPNRD conservation easement package*	618											
Original budget		\$ 742,363.60						\$ 1,113,545.40	\$ 1,855,909.00	60.00%		
transferred to Orchard-Alfalfa		\$ 118,682.40						\$ 178,023.60	\$ 296,706.00	60.00%		
N-CORPE	778											
Original Budget						\$ 600,000.00		\$ 900,000.00	\$ 1,500,000.00			
Budget increase - transfer from North Dry Creek reduction						\$ 15,000.00		\$ 22,500.00				
Amendment 1												

Non-NET Project Transfers and Amendments	Cnt #	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	Total NRD	DNR (NET Transfer)	NRD/NET total	NET %	DNR General Fund	Total by Project
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**PBC Years 4 to 6 Budget Review**

Updated 12/1/2017

PBC Budget Summary	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	Total NRD	DNR (NET Transfe	NRD / NET total NET %	DNR General Fun Total by Year	PRRIP
Remaining General Fund from Years 1-3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ 173,250.00	\$ -
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		\$ 2,217,386.16	\$ 7,717,386.16
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		\$ 131,301.00	\$ 5,631,301.00
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		\$ 20,050.00	\$ 5,520,050.00
<b>Total 3 Year Budget</b>	<b>\$ 904,200.00</b>	<b>\$ 2,125,200.00</b>	<b>\$ 184,800.00</b>	<b>\$ 1,333,200.00</b>	<b>#####</b>	<b>\$ 6,600,000.00</b>	<b>\$ 9,900,000.00</b>	<b>\$ 16,500,000.00</b>	<b>\$ 2,541,987.16</b>	<b>#####</b>

PBC Project	Cnt #	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	Total NRD	DNR (NET Transfe	NRD/NET total	NET %	DNR General Fun	Total by Proj	PRRIP	Invoices Paid	NDNR Amount Pa	Project Status	NDNR Remaining	Meeting Motion Re
North Platte NRD Lease/Recharge - Cow Camp total	904	\$ -	\$ 310,733.83	\$ -	\$ -	\$ -	\$ 310,733.83	\$ 466,100.75	\$ 776,834.58	60.00%	\$ -	\$ 776,834.58		\$ 307,739.00	\$ 307,739.00	Paid June 14, 2017	\$ 158,361.50	Jun 2013 pg 2 #7 C
Invoice							\$ -							\$ 307,739.25		NET Fund		
Orchard-Alfalfa Canal Rehabilitation	615	\$ 501,038.88	\$ -	\$ -	\$ -	\$ -	\$ 501,038.88	\$ 488,106.29	\$ 989,145.17	49.35%	\$ -	\$ 989,145.17		\$ 175,634.69	\$ 488,106.29	Paid - March 9, 2016	\$ -	Jun 2013 Pg 2 #7 B
Invoice														\$ 175,634.69		NET Fund		
Invoice														\$ 312,471.60		NET Fund		
N-CORPE	778	\$ -	\$ -	\$ -	\$ -	\$ 1,730,071.10	\$ 1,730,071.10	\$ 2,595,106.65	\$ 4,325,177.75	60.00%	\$ -	\$ 4,325,177.75		\$ 177,254.91	\$ 177,254.91	Partial Payment - May 18, 2017	\$ 2,417,851.74	Aug 2013 pg 3 #8 B
Invoice														\$ 177,254.91		NET Fund		
J-2 Reregulating Reservoir	574	\$ 403,161.12	\$ -	\$ -	\$ 403,161.12	\$ 322,528.90	\$ 1,128,851.14	\$ 1,693,276.70	\$ 2,822,127.84	60.00%	\$ 2,217,386.16	\$ 5,039,514.00		\$ 2,217,386.30	\$ 3,910,662.86	Paid June 30, 2016	\$ -	Aug 2013 Pg 3 #8 A
Invoice														\$ 2,217,386.30		NET Fund		
Invoice														\$ 1,693,276.60		General Fund		
Fall/Winter 2014-2015 E65 Canal and Elwood Reservoir (17,000 acre ft) <sup>1</sup>	800	\$ -	\$ -	\$ -	\$ 353,850.74	\$ -	\$ 353,850.74	\$ 353,850.74	\$ 707,701.48	50.00%	\$ -	\$ 707,701.48		\$ 148,927.99	\$ 148,927.99	Paid - October 14, 2015	\$ 204,922.75	Aug 2015 Pg 2 #5 C
Invoice 55639							\$ -							\$ 108,839.66		NET Fund		
Invoice 55642							\$ -							\$ 3,952.00		NET Fund		
Invoice 55819							\$ -							\$ 36,136.33		NET Fund		
NPNRD Retirement Agreement - Hardt and Tighe	925	\$ -	\$ 1,129,347.00	\$ -	\$ -	\$ -	\$ 1,129,347.00	\$ 1,782,116.00	\$ 2,911,463.00	61.21%	\$ 173,250.00	\$ 3,084,713.00		\$ 1,782,116.00	\$ 1,782,116.00	Paid - December 21, 2016	\$ 173,250.00	June 2015 Pg 4 #7 A
Invoice (we paid the remaining amount)							\$ -							\$ 1,190,931.00		NET Fund		
Invoice (we paid #5 in the memo)							\$ -							\$ 591,185.00		NET Fund		
Invoice (paid in 2016 but from budget years 1-3)							\$ -									NET Fund		
2015-2016 - E65 Canal and Elwood Reservoir (5,000 acre ft) <sup>2</sup>	571	\$ -	\$ -	\$ -	\$ 104,229.00	\$ -	\$ 104,229.00	\$ 104,229.00	\$ 208,458.00	50.00%	\$ -	\$ 208,458.00		\$ 93,832.56	\$ 93,832.56	Paid - July 14, 2016	\$ 10,396.44	Dec 2015 Pg 3 #5 C
Invoice 56299							\$ -							\$ 83,557.56		NET Fund		
Invoice 59632							\$ -							\$ 10,275.00		NET Fund		
Oliver Reservoir Streamflow Enhancement Project	887	\$ -	\$ -	\$ 184,800.00	\$ -	\$ -	\$ 184,800.00	\$ 277,200.00	\$ 462,000.00	60.00%	\$ -	\$ 462,000.00		\$ 62,847.23	\$ 62,847.23	Partial Payment - May 26, 2017	\$ 214,352.77	Dec 2015 Pg 4 #7 A
Invoice - Reimbursement \$14,878.33							\$ -							\$ 14,878.33		NET Fund		
Invoice - Reimbursement \$47,968.90							\$ -							\$ 47,968.90		NET Fund		
2016-2017 - E65 Canal and Elwood Reservoir	948	\$ -	\$ -	\$ -	\$ 164,800.00	\$ -	\$ 164,800.00	\$ 247,200.00	\$ 412,000.00	60.00%	\$ -	\$ 412,000.00		\$ 247,200.00	\$ 247,200.00	Paid - May 31, 2017	\$ -	Oct 2016
Invoice 62632							\$ -							\$ 111,797.23		NET Fund		
Invoice 62634							\$ -							\$ 38,058.90		NET Fund		
Invoice 60855 & 60853							\$ -							\$ 97,342.98		NET Fund		
2016 - Phelps Canal	571	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	N/A	\$ 131,301.00	\$ 131,301.00		\$ 51,100.00	\$ 51,100.00	Paid - May 18, 2016	\$ 80,201.00	Dec 2015 Pg 3 #5 C
Invoice 59476							\$ -							\$ 4,599.00		General Fund		
Invoice 59205							\$ -							\$ 14,286.10		NET Fund		
Invoice 60850							\$ -							\$ 31,550.60		General Fund		
2017 - Phelps Canal (10,666 acre ft) --> (NeDNR 2,666 acre ft)	924	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	N/A	\$ 20,050.00	\$ 80,200.00	\$ 60,150.00	\$ 10,182.08	\$ 10,182.08	Parital payment - May 31, 2017	\$ 70,017.92	Oct 2016

Invoice 62629							\$ -		\$ -					\$ 10,182.08		General Fund		
NPNRD Excess Flows, Groundwater Recharge	985		\$ 86,192.80				\$ 86,192.80	\$ 129,289.20	\$ 215,482.00	60.00%		\$ 215,482.00					\$ 129,289.20	
No payments made																		
<b>Totals by Contributor</b>			<b>\$ 904,200.00</b>	<b>\$ 1,526,273.63</b>	<b>\$ 184,800.00</b>	<b>\$ 1,026,040.86</b>	<b>#####</b>	<b>\$ 5,693,914.49</b>	<b>\$ 8,136,475.33</b>	<b>\$ 13,830,389.82</b>	<b>58.83%</b>	<b>\$ 2,541,987.16</b>	<b>#####</b>					
<b>Remaining Financial Commitments by Contributor</b>			<b>\$ -</b>	<b>\$ 598,926.37</b>	<b>\$ -</b>	<b>\$ 307,159.14</b>	<b>\$ -</b>	<b>\$ 906,085.51</b>	<b>\$ 1,763,524.67</b>	<b>\$ 2,669,610.18</b>		<b>\$ -</b>	<b>#####</b>	<b>#####</b>				

\*Fall/Winter 2014-2015 E65 Canal and Elwood Reservoir was a 50/50 split between NeDNR and TBNRD instead of the PBC 60/40 split

\*2015-2016 - E65 Canal and Elwood Reservoir was a 50/50 split between NeDNR and TBNRD instead of the PBC 60/40 split

**PBC Year 6 Additional Funds Budget Review (FY 2017-2018)**  
**Updated 12/1/2017**

PBC Budget Summary	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	Total NRD	DNR NET Transfer	NRD match	DNR General Fund	Total by Year	WRCF match	Other Match
Budget Year 6 Additional Funds	\$ 456,666.67	\$ 1,073,333.33	\$ 93,333.33	\$ 673,333.33	\$ 1,036,666.67	\$ 3,333,333.33	\$ -	40.00%	\$ 5,000,000.00	\$ 8,333,333.73	60.00%	
<b>PBC Project</b>	<b>CPNRD</b>	<b>NPNRD</b>	<b>SPNRD</b>	<b>TBNRD</b>	<b>TPNRD</b>	<b>Total NRD</b>	<b>NET Transfer</b>		<b>General Fund</b>	<b>Total by Project</b>	<b>% match</b>	
NPNRD: Blue Creek Recharge Project		\$ 250,000.00				\$ 250,000.00	\$ -	40.00%	\$ 375,000.00	\$ 625,000.00	60.00%	
TPNRD and SPNRD: Western ID Recharge Pit Construction and Rehab			\$ 12,000.00		\$ 28,000.00	\$ 40,000.00	\$ -	40.00%	\$ 60,000.00	\$ 100,000.00	60.00%	
TPNRD: N-CORPE					\$ 1,036,666.67	\$ 1,036,666.67	\$ -	40.00%	\$ 1,555,000.01	\$ 2,591,666.68	60.00%	
TBNRD/CNPPID - Rainwater Basin Joint Venture				\$ 213,550.86		\$ 213,550.86	\$ -	40.00%	\$ 320,326.29	\$ 533,877.15	60.00%	
TBNRD: Excess Flow				\$ 459,782.47		\$ 459,782.47		40.00%	\$ 689,673.71	\$ 1,149,456.18	60.00%	
CPNRD:Recharge Pits / Detention Ponds	\$ 456,666.67					\$ 456,666.67	\$ -	40.00%	\$ 685,000.01	\$ 1,141,666.68	60.00%	
NPNRD-Retirement Projects		\$ 372,389.10				\$ 372,389.10		40.00%	\$ 558,583.65	\$ 930,972.75	60.00%	
NPNRD-Nine-Mile/Wrangler Irrigation District		\$ 105,000.00				\$ 105,000.00		40.00%	\$ 157,500.00	\$ 262,500.00	60.00%	
NPNRD-Enterprise Irrigation		\$ 70,000.00				\$ 70,000.00		40.00%	\$ 105,000.00	\$ 175,000.00	60.00%	
NPNRD-Minatare Mutual Canal		\$ 105,000.00				\$ 105,000.00		40.00%	\$ 157,500.00	\$ 262,500.00	60.00%	
NPNRD-Technology+Allocation Reduction		\$ 200,000.00				\$ 200,000.00		40.00%	\$ 300,000.00	\$ 500,000.00	60.00%	
<b>Totals by Contributor</b>	<b>\$ 456,666.67</b>	<b>\$ 1,102,389.10</b>	<b>\$ 12,000.00</b>	<b>\$ 673,333.33</b>	<b>\$ 1,064,666.67</b>	<b>\$ 3,309,055.77</b>	<b>\$ -</b>	<b>40.00%</b>	<b>\$ 4,963,583.66</b>	<b>\$ 8,272,639.43</b>	<b>60.00%</b>	
Remaining Financial Commitments by Contributor	\$ (0.00)	\$ (29,055.77)	\$ 81,333.33	\$ 0.00	\$ (28,000.00)	\$ 24,277.56	\$ -		\$ 36,416.34	\$ 60,694.31		

The key elements of the authorizing statutes for limit the use of WRCF expenditures is contained in Neb. Rev. Stat. 61-218. Section three of this statute outlines the specifications for eligible expenditures by the Department.

(3) The fund shall be expended by the department (a) to aid management actions taken to **reduce consumptive uses of water** or to **enhance streamflows** or **ground water recharge** in river basins, subbasins, or reaches which are deemed by the department **overappropriated** pursuant to section 46-713 or **fully appropriated** pursuant to section 46-714 or are bound by an interstate compact or decree or a formal state contract or agreement, (b) for purposes of projects or proposals described in the grant application as set forth in subdivision (2)(h) of section 81-15,175, and (c) to the extent funds are not expended pursuant to subdivisions (a) and (b) of this subsection, the department may conduct a statewide assessment of short-term and long-term water management activities and funding needs to meet statutory requirements in sections 46-713 to 46-718 and 46-739 and any requirements of an interstate compact or decree or formal state contract or agreement.

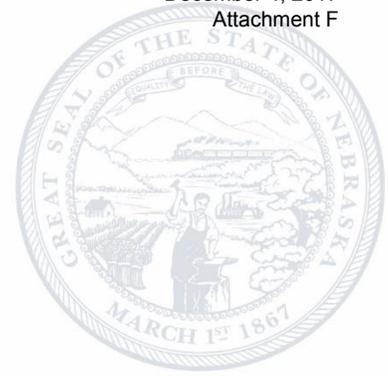
**Proposed Projects**

PBC Budget Summary	CPNRD	NPNRD	SPNRD	TBNRD	TPNRD	Total NRD	DNR NET Transfer	NRD match	DNR General Fund	Total by Year	WRCF match	Other Match
Budget Year 6 Additional Funds	\$ (0.00)	\$ (29,055.77)	\$ 81,333.33	\$ 0.00	\$ (28,000.00)	\$ 24,277.56	\$ -	40.00%	\$ 36,416.34	\$ 60,694.31	60.00%	
<b>PBC Project</b>	<b>CPNRD</b>	<b>NPNRD</b>	<b>SPNRD</b>	<b>TBNRD</b>	<b>TPNRD</b>	<b>Total NRD</b>	<b>NET Transfer</b>		<b>General Fund</b>	<b>Total by Project</b>	<b>% match</b>	
SPNRD Western ID Re-Use Pits Project			\$ 72,000.00			\$ 72,000.00		40.00%	\$ 108,000.00	\$ 180,000	60.00%	
<b>Totals by Contributor</b>			<b>\$ 72,000.00</b>			<b>\$ 72,000.00</b>		<b>40.00%</b>	<b>\$ 108,000.00</b>	<b>\$ 180,000</b>	<b>60.00%</b>	
Remaining Financial Commitments by Contributor	\$ (0.00)	\$ (29,055.77)	\$ 9,333.33	\$ 0.00	\$ (28,000.00)	\$ (47,722.44)	\$ -		\$ (71,583.66)	\$ (119,305.69)		

# NEBRASKA

Good Life. Great Water.

DEPT. OF NATURAL RESOURCES



Pete Ricketts, Governor

DATE: October 31, 2017

TO: The Nebraska Environmental Trust

FROM: Tim Freed, Human Resources & Finance Division  
Manager

SUBJECT: Grant #12-119 - Platte Basin Water Management  
Action Initiative: Final Report

## MEMORANDUM

### Background

The Platte Basin Water Management Action Initiative Project grant request submitted by the Nebraska Department of Natural Resources (NeDNR) was approved by the Nebraska Environmental Trust (Trust) Board in April 2012. Funding for the final year of the three-year grant request was approved in April 2014. Per the grant contract and consistent with *Neb. Rev. Stat. § 61-218(7)* and *§ 81-15,175(3)*, three transfers of \$3.3 million each were made to the Water Resources Cash Fund in May 2012, May 2013 and June 2014. These funds were placed in a subaccount established to account for money received from the Trust.

### Activities Since the June 30, 2017 Quarterly Report

Other than monthly interest accruals on the unexpended balance of funds received from the Trust, there was no financial activity related to the grant funds since our last quarterly report. Grant-to-date expenditures toward approved initiatives have totaled \$9,899,999.92, leaving a balance of \$0.08. All cost-share commitments from this grant toward projects identified below are now fulfilled. Documentation that confirmed the 40% match requirements had been met was provided in accordance with the established protocol.

During this report period, interest attributable to unexpended NET grant funds accrued and posted in EnterpriseOne totaled \$0.01, for an inception-to-date interest total of \$251,806.94. *Neb. Rev. Stat. § 62-218(8)* directs the State Treasurer's Office to transfer the computed interest back to the Trust on a monthly basis. A final reconciliation of the monthly interest calculation worksheets to EnterpriseOne revealed that interest calculated and returned to the Trust were overstated by \$5,077.03 for this grant. The errors which contributed to excess interest being returned to the Trust were described in detail in an email to Marilyn Tabor on October 5, 2017. No adjustment beyond absorbing the \$0.08 balance in the grant account is contemplated.

Gordon W. "Jeff" Fassett, P.E., Director

#### Department of Natural Resources

301 Centennial Mall South  
P.O. Box 94676  
Lincoln, Nebraska 68509

OFFICE 402-471-2363  
FAX 402-471-2900

[dnr.nebraska.gov](http://dnr.nebraska.gov)

Memo to the Nebraska Environmental Trust  
October 31, 2017  
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The full amount of Trust grant funding received was committed and has been expended toward projects approved by the Platte Basin Water Projects Coalition (PBWPC). These projects, funds invested, and environmental benefits achieved are briefly described below. A final summary of project funding is being prepared and will be submitted to more closely coincide with a proposed meeting with NET and DNR staff in the near future.

### Projects

Due to the complexity involved in long-term water resources planning, expenditures of grant funds were divided among multiple coordinated projects and activities. Individual projects or activities under the grant may address multiple long-range objectives, such as enhanced streamflow, reduced consumptive uses of water, recharged groundwater, or improving wildlife habitat. Each project is discussed below, within a context of both their short-term developmental and long-range objectives.

#### **Project Name: North Platte NRD Retirement Agreement - Hardt and Tighe**

Project Partners: NeDNR & North Platte Natural Resources District (NPNRD)

Purpose under Neb. Rev. Stat. §§ 61-218(7)(a) and 81-15,175(4)(b): To reduce consumptive uses of water, enhance streamflows, recharge groundwater, and support wildlife habitat

**Total projected cost to complete: \$ 318,645**

WRCF – NET obligated funds:	\$ 121,887
WRCF – Other obligated funds:	\$ –
NRD matching funds:	\$ 196,758

Project Description & Benefits: The NPNRD has entered into retirement agreements with two landowners to permanently retire groundwater use on specified tracts of land. Land will be converted to grass, and will result in a total accretion of 1,120 AF. This project will help meet the goals and objectives of the NPNRD integrated management plan by retiring the consumptive use of water on some lands and using that water to enhance streamflow. Groundwater wells have been decommissioned and an additional 440 acres of the Tighe property were retired.

#### **Project Name: North Dry Creek Augmentation Well Project, Phase II**

Project Partners: NeDNR & Tri-Basin (TBNRD)

Purpose under Neb. Rev. Stat. §§ 61-218(7)(a) and 81-15,175(4)(b): To enhance streamflows and support wildlife habitat

**Total projected cost to complete: \$ 42,672**

WRCF – NET obligated funds:	\$ 25,603
WRCF – Other obligated funds:	\$ –
NRD matching funds:	\$ 17,069



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October 31, 2017  
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**Project Description & Benefits:** This project involves the operation and maintenance of two small-scale augmentation wells in the TBNRD to pump groundwater into North Dry Creek and run the water to the Platte River. Wells will be operated when needed to meet state-protected flows or target flows in the Platte River. Annual accretion to the Platte River as a result of this project has been estimated to be as high as 1,300 acre-feet. The augmentation well can pump 1,200 gpm to resupply the Platte River and can be used when shortages occur.

**Project Name: E65 Canal and Elwood Reservoir Recharge Project**

**Project Partners:** NeDNR, TBNRD, and Central Nebraska Public Power and Irrigation District (CNPPID)

**Purpose under Neb. Rev. Stat. §§ 61-218(7)(a) and 81-15,175(4)(b):** To enhance streamflows, recharge groundwater, and support wildlife habitat

**Total projected cost to complete: \$ 17,328**

WRCF – NET obligated funds: \$ 10,397  
WRCF – Other obligated funds: \$ –  
NRD matching funds: \$ 6,931

**Project Description & Benefits:** The E-65 canal and Elwood Reservoir recharge projects provide opportunities to recharge groundwater with excess flows on the Platte River. Cumulative accretion to baseflow in the Platte River Basin is approximately 53% and 56% of the total recharge from E-65 Canal and Elwood Reservoir, respectively. Groundwater recharge for Elwood Reservoir and E-65 Canal was 15,019 AF in 2013, and 13,237 AF for Elwood Reservoir in 2014. In 2015, 6,999 AF of excess flow was diverted for groundwater recharge.

**Project Name: J-2 Regulating Reservoir**

**Project Partners:** NeDNR, Twin Platte Natural Resources District (TPNRD), TBNRD, CPNRD, CNPPID, & Platte River Recovery Implementation Program (PRRIP)

**Purpose under Neb. Rev. Stat. §§ 61-218(7)(a) and 81-15,175(4)(b):** To enhance streamflows and support wildlife habitat

**Total projected cost to complete: \$ 14,606,250**

WRCF – NET obligated funds: \$ 4,907,700  
WRCF – Other obligated funds: \$ 6,426,750  
NRD matching funds: \$ 3,271,800

**Project Description & Benefits:** This project would have captured return flows or excess water in newly constructed facilities associated with Central Nebraska Public Power and Irrigation District's (CNPPID) system. Water would have been released during periods of shortages to endangered and threatened species target flows and could also have been used to create habitat-benefiting "pulse flows". This project progressed toward implementation, with work including: pursuing required permits, acquiring the land, a hydrogeologic study of the proposed area, and



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final design. In 2017, this project was put on hold. The project funds contributed for the J-2 effort are being redirected for use toward construction of slurry wall pits and other water action plan projects that are under discussion by the Platte River Recovery Implementation Program Governance Committee.

**Project Name: Thirty Mile, Cozad, and Orchard-Alfalfa Canal Rehabilitation Conjunctive Management Projects**

Project Partners: NeDNR & CPNRD

Purpose under Neb. Rev. Stat. §§ 61-218(7)(a) and 81-15,175(4)(b): To enhance streamflows, recharge groundwater, and support wildlife habitat

**Total projected cost to complete: \$ 4,960,652**

WRCF – NET obligated funds: \$ 2,976,391  
WRCF – Other obligated funds: \$ –  
NRD matching funds: \$ 1,984,261

Project Description & Benefits: Construction of several improvements to the canals have enhanced surface and groundwater supplies and protected water quality through groundwater recharge; diverted and retimed excess flows to the Platte River; returned natural flow irrigation rights to the Platte River; helped to satisfy requirements of the PRRIP agreement and meet the requirements of the Ground Water Management and Protection Act to return the Platte River to its 1997 level of development; and helped CPNRD get closer to a fully appropriated status. Individual canal projects can potentially provide 8,000 – 13,000 AF (Thirty Mile), 7,000 – 18,000 AF (Cozad), and 2,500 – 9,900 AF (Orchard-Alfalfa) of water savings annually.

**Project Name: CPNRD Conservation Easement Package**

Project Partners: NeDNR & CPNRD

Purpose under Neb. Rev. Stat. §§ 61-218(7)(a) and 81-15,175(4)(b): To reduce consumptive uses of water, enhance streamflows, recharge groundwater, and support wildlife habitat

**Total projected cost to complete: \$ 1,559,203**

WRCF – NET obligated funds: \$ 935,522  
WRCF – Other obligated funds: \$ –  
NRD matching funds: \$ 623,681

Project Description & Benefits: The CPNRD easement project temporarily retires 17 formally irrigated tracts to reduce groundwater depletion. Owners continue to have access and use of the property, and can farm dryland crops. Accretion across the 17 properties is estimated (2010 CropSim) at 1,016.14 AF.

**Project Name: Platte River Basin Portion of the Nebraska Cooperative Republican Platte Enhancement Project (N-CORPE)**



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Project Partners: NeDNR & TPNRD

Purpose under Neb. Rev. Stat. §§ 61-218(7)(a) and 81-15,175(4)(b): To reduce consumptive uses of water, enhance streamflows, and support wildlife habitat

**Total projected cost to complete: \$ 1,537,500**

WRCF – NET obligated funds:	\$ 922,500
WRCF – Other obligated funds:	\$ –
NRD matching funds:	\$ 615,000

Project Description & Benefits: The NET grant obligation to the Platte River Basin portion of the N-CORPE project will help reduce shortages to the Platte River by transporting water via a pipeline into the South Platte River. The water for the N-CORPE project will be available due to the retirement of approximately 15,800 acres from irrigation. The water that would have been used to irrigate the site will instead be stored in the Ogallala Aquifer, from where it will be pumped and piped to the Platte River when it is needed to fulfill target streamflow obligations. Planning began in spring 2014 to return the formerly irrigated land at the N-CORPE site to native vegetation for rangeland. Construction for the pipeline for the Platte Basin portion of this project began in 2014 and was completed in 2017. TPNRD will pump approximately 7,700 AF to the South Platte River annually, as needed, to meet the TPNRD Integrated Management Plan requirements. The total cost of the N-CORPE project is approximately \$120 million, of which TPNRD is responsible for approximately \$34.5 million.

#### Project Summary

All funds provided for through the NET Grant have been obligated and local matching dollars of at least 40 percent and other funds have been contributed to support these projects. The benefits that have been or are expected to be realized through the implementation of these projects meet the purposes of the WRCF that were established by LB701, 2007, and the purposes established by LB229, 2011. These projects have been critical to the successful implementation of integrated management planning activities in the overappropriated portion of the Platte River Basin.

In addition to the funds listed above, over 58 million in additional funding was paid from the WRCF on separate projects jointly funded by the Federal Government, states, NRDs, stakeholders, and the WRCF.

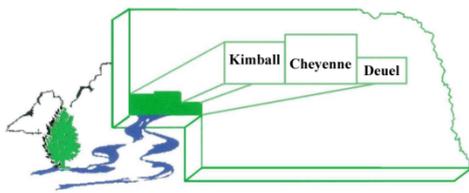
Having met the obligations outlined in *Neb. Rev. Stat. §§ 61-218(7) and 81-15,175(4)*, the Department has submitted a third NET Grant application to obtain funding for an additional three year grant.

As noted above, this grant has contributed significantly to the achievement of key projects in Nebraska's Platte Basin water management action initiatives. The Nebraska Environmental Trust's continued commitment to these efforts is greatly appreciated. If you would like further information or have questions about this report or projects funded by this grant, please contact Tim Freed at either [tim.freed@nebraska.gov](mailto:tim.freed@nebraska.gov) or 402-471-1696.

Memo to the Nebraska Environmental Trust  
October 31, 2017  
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cc: Gordon W. Fassett, Director  
Rex Gittins, Assistant Director  
Jennifer Schellpeper, Water Planning Division Manger





# South Platte Natural Resources District

PBC Meeting  
December 4, 2017  
Attachment G

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

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## Memo:

To: Platte Basin Coalition Administrators  
From: South Platte NRD - Ryan Reisdorff, Water Resources Specialist  
Date: November 21, 2017  
Re: Request for Funding by the SPNRD for Western Irrigation District Excess Flow Project

---

The South Platte NRD is requesting funding to expand our Re-Use Pits Recharge Project in Deuel County. The SPNRD currently has six Re-Use pits that are used to recharge groundwater during times of excess flow in the South Platte River. Water is delivered to these Re-Use pits via Western Irrigation District's canal system.

The South Platte and Twin Platte NRDs have previously used Re-Use pits and Western Irrigation District's Canal during times of excess flow in 2011, 2013, 2014, 2015, and 2016 for groundwater recharge and to alleviate downstream flooding. The proposed project could expand the total number of Re-Use pits to fourteen. The addition of Re-Use pits will allow more water to recharge during excess flows, which will return through groundwater to the South Platte River over time to enhance streamflow.

The total cost for this project will be approximately \$160,000. The project will include construction/rehabilitation of up to eight new pits and enlargement of three existing pits. The SPNRD is requesting to use funding from the "PBC Year 6 Additional Funds Budget (FY2018)" spreadsheet presented at the POAC/PBC meetings. If approved, the SPNRD anticipates having construction completed by April 2019.

This document constitutes a request for funding from the South Platte NRD. The percentage request is South Platte NRD (40%), and the NeDNR (60%).



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

Phone: 402.435.5441  
Fax: 402.435.7108

## MEMORANDUM

---

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

**From:** Marc Groff

**Date:** 27 November 2017

**Re:** Progress Report – Contract #571

**Period:** 1 June 2017 through 12 November 2017 – TFG Labor  
Subcontractor Invoices received through 24 November 2017

### **Work Completed this Period:**

1. Efforts this period were focused on
  - a. Completing the modeling runs for the COHYST area.
    - i. The COHYST area modeling was completed and initial results presented to the POAC technical committee during the 18 September 2017 conference call meeting.
    - ii. Follow up meetings/presentations covering additional details of the modeling were held with DNR.

### **Deliverables**

1. Materials summarizing the completed COHYST modeling were distributed to the POAC technical team ahead of the 18 September conference call meeting.

**Concerns:** None.

### **Work Projected for Next Period:**

1. Develop final presentation of results for the POAC administrators and complete documentation.



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

# Invoice

Date	Invoice #
11/27/2017	17-2189

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		6/1/2017 - 11/12/2017		Net 30
Employee Class	Work Description	Rate	Qty	Amount
Senior Engineer	Project coordination; review and technical analyses of modeling results	165.00	14	2,310.00
Junior Engineer	Development of model input files and presentation graphics of results	90.00	5.5	495.00
Water Resource...	Model development and execution; review of results; and development/review of presentation graphics	110.00	48.75	5,362.50
	TFG LABOR SUB-TOTAL			8,167.50
Subs	Subcontractor Fee - HDR Invoice 1200075890	4,961.32	1	4,961.32
Subs	Subcontractor Fee - HDR Invoice 1200080568	6,887.11	1	6,887.11
Subs	Subcontractor Fee - HDR Invoice 1200086468	3,844.03	1	3,844.03
	TOTAL OTHER DIRECT COSTS			15,692.46
<b>Total</b>				<b>\$23,859.96</b>
<b>Balance Due</b>				<b>\$23,859.96</b>



# Invoice

Reference Invoice Number with Payment

HDR Engineering Inc.  
 Omaha, NE 68114-4098  
 Phone: (402) 399-1000

HDR Invoice No. 1200075890  
 Invoice Date 22-SEP-2017  
 Invoice Amount Due \$4,961.32  
 Payment Terms 30 NET

Flatwater Group, Inc  
 Thomas Riley  
 8200 Cody Drive, Suite A  
 Lincoln, NE 68512

Remit To PO Box 74008202  
 Chicago, IL 60674-8202  
 Wire Transfer To Bank of America ML US  
 ABA# 081000032  
 Account# 355004076604

For Services Related to the COHYST and WWUM Model Runs.

Professional Services  
 From: 06-AUG-2017 To: 02-SEP-2017

Professional Services Summarization	Hours	Billing Rate	Amount
Engineer Water Resources	21.00		2,662.62
Project Manager	10.00		2,184.00
	<b>31.00</b>		<b>\$4,846.62</b>
		<b>Total Professional Services</b>	<b>\$4,846.62</b>

Expense Summarization	Quantity	Billing Rate	Amount
Technology Charge	31.00		114.70
			<b>\$114.70</b>
		<b>Total Expenses</b>	<b>\$114.70</b>

<b>Amount Due This Invoice (USD)</b>	<b>\$4,961.32</b>
--------------------------------------	-------------------

Fee Amount	\$41,000.00
Fee Invoiced to Date	\$27,485.50
Fee Remaining	\$13,514.50

HDR Internal Reference Only	
Client Number	3426
Cost Center	10134
Project Number	10027670





# Invoice

Reference Invoice Number with Payment

**HDR Engineering Inc.**  
**Omaha, NE 68114-4098**  
**Phone: (402) 399-1000**

HDR Invoice No. 1200080568  
 Invoice Date 16-OCT-2017  
 Invoice Amount Due \$6,887.11  
 Payment Terms 30 NET

**Flatwater Group, Inc**  
**Thomas Riley**  
**8200 Cody Drive, Suite A**  
**Lincoln, NE 68512**

Remit To PO Box 74008202  
 Chicago, IL 60674-8202  
 Wire Transfer To Bank of America ML US  
 ABA# 081000032  
 Account# 355004076604

For Services Related to the COHYST and WWUM Model Runs.

Professional Services  
 From: 03-SEP-2017 To: 30-SEP-2017

Professional Services Summarization	Hours	Billing Rate	Amount
Engineer Water Resources	29.50		3,668.56
Project Manager	14.00		3,057.60
	<b>43.50</b>		<b>\$6,726.16</b>
		<b>Total Professional Services</b>	<b>\$6,726.16</b>

Expense Summarization	Quantity	Billing Rate	Amount
Technology Charge	43.50		160.95
			<b>\$160.95</b>
		<b>Total Expenses</b>	<b>\$160.95</b>

<b>Amount Due This Invoice (USD)</b>	<b>\$6,887.11</b>
--------------------------------------	-------------------

Fee Amount	\$41,000.00
Fee Invoiced to Date	\$34,372.61
Fee Remaining	\$6,627.39

HDR Internal Reference Only	
Client Number	3426
Cost Center	10134
Project Number	10027670

# Invoice

HDR Invoice No. 1200080568  
 Invoice Date 16-OCT-2017

<b>Professional Services and Expense Detail</b>				
Project Number: 10027670		Project Description: TFG-COHYST WWUM Model Runs		
<b>Professional Services</b>		<b>Hours</b>	<b>Billing Rate</b>	<b>Amount</b>
Engineer Water Resources	Nelson, Abby M	22.00	114.08	2,509.76
Engineer Water Resources	Jones, Russell D	7.00	158.57	1,109.99
Project Manager	Engel, John J	14.00	218.40	3,057.60
Engineer Water Resources	Gust, Kimberly A	0.50	97.62	48.81
		<b>43.50</b>		<b>\$6,726.16</b>
		<b>Total Professional Services</b>		<b>\$6,726.16</b>
<b>Expense</b>		<b>Qty</b>	<b>Billing Rate</b>	<b>Amount</b>
Technology Charge		43.5	3.70	160.95
				<b>\$160.95</b>
		<b>Total Project</b>		<b>\$6,887.11</b>



# Invoice

Reference Invoice Number with Payment

**HDR Engineering Inc.**  
**Omaha, NE 68114-4098**  
**Phone: (402) 399-1000**

HDR Invoice No. 1200086468  
 Invoice Date 14-NOV-2017  
 Invoice Amount Due \$3,844.03  
 Payment Terms 30 NET

**Flatwater Group, Inc**  
**Thomas Riley**  
**8200 Cody Drive, Suite A**  
**Lincoln, NE 68512**

Remit To PO Box 74008202  
 Chicago, IL 60674-8202  
 Wire Transfer To Bank of America ML US  
 ABA# 081000032  
 Account# 355004076604

For Services Related to the COHYST and WWUM Model Runs.

Professional Services  
 From: 01-OCT-2017 To: 28-OCT-2017

Professional Services Summarization	Hours	Billing Rate	Amount
Engineer Water Resources	21.50		3,320.28
Project Manager	2.00		436.80
	<b>23.50</b>		<b>\$3,757.08</b>
		<b>Total Professional Services</b>	<b>\$3,757.08</b>

Expense Summarization	Quantity	Billing Rate	Amount
Technology Charge	23.50		86.95
			<b>\$86.95</b>
		<b>Total Expenses</b>	<b>\$86.95</b>

<b>Amount Due This Invoice (USD)</b>	<b>\$3,844.03</b>
--------------------------------------	-------------------

Fee Amount	\$41,000.00
Fee Invoiced to Date	\$38,216.64
Fee Remaining	\$2,783.36

HDR Internal Reference Only	
Client Number	3426
Cost Center	10134
Project Number	10027670

# Invoice

HDR Invoice No. 1200086468  
 Invoice Date 14-NOV-2017

<b>Professional Services and Expense Detail</b>				
Project Number: 10027670		Project Description: TFG-COHYST WWUM Model Runs		
<b>Professional Services</b>		<b>Hours</b>	<b>Billing Rate</b>	<b>Amount</b>
Engineer Water Resources	Nelson, Abby M	2.00	114.08	228.16
Engineer Water Resources	Jones, Russell D	19.50	158.57	3,092.12
Project Manager	Engel, John J	2.00	218.40	436.80
		<b>23.50</b>		<b>\$3,757.08</b>
		<b>Total Professional Services</b>		<b>\$3,757.08</b>
<b>Expense</b>		<b>Qty</b>	<b>Billing Rate</b>	<b>Amount</b>
Technology Charge		23.5	3.70	86.95
				<b>\$86.95</b>
		<b>Total Project</b>		<b>\$3,844.03</b>



# Invoice

Reference Invoice Number with Payment

**HDR Engineering Inc.**  
**Omaha, NE 68114-4098**  
**Phone: (402) 399-1000**

HDR Invoice No. 1200080712  
 Invoice Date 17-OCT-2017  
 Invoice Amount Due \$19,735.86  
 Payment Terms 30 NET

**Platte Basin Coalition**  
**Kent Miller**  
**111 S Dewey St. 2nd Floor**  
**PO Box 1347**  
**North Platte, NE 69103-1347**

Remit To PO Box 74008202  
 Chicago, IL 60674-8202  
 Wire Transfer To Bank of America ML US  
 ABA# 081000032  
 Account# 355004076604

For services in connection with the Basinwide Plan Facilitation and Engineering Support for the Overappropriated Area of the Platte River.

Professional Services  
 From: 03-SEP-2017 To: 30-SEP-2017

Professional Services Summarization	Hours	Billing Rate	Amount
Facilitation Coordinator	74.40		5,192.93
Facilitator	1.00		130.31
Project Controller	1.75		176.29
Project Manager	61.00		13,215.89
	<b>138.15</b>		<b>\$18,715.42</b>
<b>Total Professional Services</b>			<b>\$18,715.42</b>

Expense Summarization	Quantity	Billing Rate	Amount
Technology Charge	138.15		511.16
			<b>\$511.16</b>
Lodging	2.00		165.03
Mileage Personal	550.00		294.25
Printing/Reprographics			50.00
<b>Total Expenses</b>			<b>\$1,020.44</b>

<b>Amount Due This Invoice (USD)</b>	<b>\$19,735.86</b>
--------------------------------------	--------------------

Fee Amount	\$434,409.00
Fee Invoiced to Date	\$214,000.94
Fee Remaining	\$220,408.06

HDR Internal Reference Only	
Client Number	20165
Cost Center	10134
Project Number	10034266

# Invoice

HDR Invoice No. 1200080712  
Invoice Date 17-OCT-2017

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**Professional Services and Expense Detail**

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Project Number: 10034266      Project Description: PBC-UpperPlatteBasinPlanDevel  
Task Number: 1.0      Task Description: Project Management

<b>Professional Services</b>		<b>Hours</b>	<b>Billing Rate</b>	<b>Amount</b>
Project Controller	Clifton, Rachel M	0.25	99.58	24.90
Project Controller	Rock, Simone A	1.00	113.41	113.41
Project Controller	Yost, Heidi M	0.50	75.95	37.98
		<b>1.75</b>		<b>\$176.29</b>
		<b>Total Professional Services</b>		<b>\$176.29</b>

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<b>Expense</b>	<b>Qty</b>	<b>Billing Rate</b>	<b>Amount</b>
Technology Charge	1.75	3.70	6.48
			<b>\$6.48</b>

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**Total Expense      \$6.48**

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**Total Task      \$182.77**

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# Invoice

HDR Invoice No. 1200080712  
 Invoice Date 17-OCT-2017

<b>Professional Services and Expense Detail</b>				
Project Number:	10034266	Project Description:	PBC-UpperPlatteBasinPlanDevel	
Task Number:	2.0	Task Description:	Meeting Coordination and Facilitation	
<b>Professional Services</b>		<b>Hours</b>	<b>Billing Rate</b>	<b>Amount</b>
Facilitation Coordinator	Beermann, Cristina Marie	69.75	67.76	4,726.26
Facilitation Coordinator	DiTirro, Jennifer Cresswell	0.15	50.82	7.62
Facilitation Coordinator	Langemach, Anita R	4.50	102.01	459.05
Facilitator	Bettale, Tara Lynn	1.00	130.31	130.31
Project Manager	Engel, John J	23.00	216.99	4,990.77
Project Manager	Obermueller, Kristen L	4.00	72.38	289.52
Project Manager	White, Stephanie L	34.00	233.40	7,935.60
		<b>136.40</b>		<b>\$18,539.13</b>
		<b>Total Professional Services</b>		<b>\$18,539.13</b>
<b>Expense</b>		<b>Qty</b>	<b>Billing Rate</b>	<b>Amount</b>
Technology Charge		136.40	3.70	504.68
				<b>\$504.68</b>
Lodging	Beermann, Cristina Marie	1.00	144.5	144.50
Lodging	Beermann, Cristina Marie	1.00	20.53	20.53
Mileage Personal	Beermann, Cristina Marie	550.00	0.535	294.25
Printing/Reprographics	ARC Document Solutions LLC			50.00
		<b>Total Expense</b>		<b>\$1,013.96</b>
		<b>Total Task</b>		<b>\$19,553.09</b>



## Upper Platte River Basin-Wide Plan Development

# Status Report

Project: Upper Platte River Basin-Wide Plan Development

Subject: Monthly Status Report

Date: Efforts for September 3 - 30, 2017

HDR Job Number: 10034266

## 1.0 Project Management and Coordination

- Managed ongoing project activities.
- Conducted weekly team meetings.
- Completed invoicing, status report and earned value reports.

## 2.0 Meeting Coordination and Facilitation

- Attendance at September 20, 2017 SPG meeting
- Preparation for October 2, 2017 POAC meeting

## 3.0 Basin-Wide Water Management Plan

- No activity.

## 4.0 Basin-Wide Water Management Plan Document

- Annotated updates to plan.

## Summary of Specific Staff Activities

J. Engel	Project management, preparation of materials and attendance at POAC/SPG meetings, basin plan document update, INSIGHT supporting information
S. White	Preparation of materials, coordination of facilitation staff, basin plan document update, POAC meeting material preparation, SPG meeting facilitation
K. Obermueller	SPG coordination materials and communication
H. Yost	Project accounting/invoicing/reporting
R. Clifton	Project accounting/invoicing/reporting
S. Rock	Project management support
C Beerman	SPG meeting material preparation/meeting attendance/meeting notes
J. DiTirrio	SPG meeting material/graphics
A. Langemach	SPG meeting material/graphics
T. Bettale	SPG meeting material/graphics

## Subconsultant Activities

### The Flatwater Group

- No invoiced activity included in this invoice.

### JEO



## Upper Platte River Basin-Wide Plan Development

- No invoiced activity included in this invoice.

### **Schedule Status**

- Next POAC meeting October 2, 2017
- Next SPG meeting November 15, 2017

### **Budget Status**

- Project is estimated to be 50% complete.
- Estimated earned value is tracking below cost to date.



Expense Report Rebilling Report

Employee Name: Beermann, Cristina Marie  
 Supplier Number: 39573  
 Expense Report Number: 202357  
 Purpose: Travel Reimbursement  
 Approver: Bettale, Tara  
 Project: 10034266  
 Task: 2.0  
 Project Expenditure Organization: 10031\_ENG-Denver CO  
 Report Submitted Date: 21-Sep-17  
 Status: Ready for Payment  
 Expense Report Total: 469.36 USD  
 Header Attachment:

Cash Expenses

Date	Expense Type	Receipt Amount	Attendees	Justification	Merchant Name	Location	Project	Task	Receipt
19-Sep-17	Hotel/Lodging	144.50 USD		Hotel payment for project meeting			10034266	2.0	
19-Sep-17	Hotel/Lodging Tax	20.53 USD		Hotel payment for project meeting			10034266	2.0	

Per Diem Expenses

Start Date	End Date	Expense Type	Amount	Number of Days	Rate	Justification	Location	Project	Task	Receipt

Mileage Expenses

Start Date	End Date	Expense Type	Trip Distance	Amount	Rate	Justification	Project	Task	Receipt
19-Sep-17	20-Sep-17	Mileage - Personal Auto	550 (MILES)	294.25 USD	0.535	Drove to North Platte, NE for project meeting	10034266	2.0	



09-20-17

<b>Cristina Beermann</b>	Folio No. :	Room No. :	430
<b>2163 Beechnut Place</b>	A/R Number :	Arrival :	09-19-17
<b>Castle Rock Co</b>	Group Code :	Departure :	09-20-17
<b>Castle Rock CO 80108</b>	Company :	Conf. No. :	66540263
<b>United States</b>	Membership No. :	Rate Code :	IDAVA
	Invoice No. :	Page No. :	1 of 1

Date	Description	Charges	Credits
09-19-17	*Accommodation	144.50	
09-19-17	Sales Tax - Room	10.12	
09-19-17	Lodging Tax - Room	7.23	
09-19-17	Occupancy Room Tax	3.18	
<b>Total</b>		<b>165.03</b>	<b>0.00</b>
<b>Balance</b>		<b>165.03</b>	

**Guest Signature:**

I have received the goods and / or services in the amount shown hereon. I agree that my liability for this bill is not waived and agree to be held personally liable in the event that the indicated person, company, or associate fails to pay for any part or the full amount of these charges. If a credit card charge, I further agree to perform the obligations set forth in the cardholder's agreement with the issuer.

Holiday Inn Express Hotel & Suites  
 300 Holiday Frontage Road  
 P O Box 788  
 North Platte, NE 69103

**INVOICE**

**ARC Premier Accounts**

ARC W CO Blake St  
 1855 Blake Street Suite 50  
 Denver, CO 80202

DATE REQUIRED 08/03/17

INVOICE NUMBER AFM5481111

DATE 08/07/17

Page 1

BILL TO

HDR (NE) OMAHA  
 8404 Indian Hills Dr  
 Omaha, NE 68114

SHIP TO

HDR (CO) DENVER  
 1670 Broadway  
 Denver, CO 80202

ORDER DATE		WORK ORDER NO.		PURCHASE ORDER NO.			REQUESTED BY		
08/03/17		AFM5481111					On-Site Services		
JOB NO./JOB NAME						SHIP VIA			
10034266 / PBC-UpperPlatteBasinPlanDevel						FM			
LI#	PROD CODE	DESCRIPTION	ORIG	COPY QTY	ORIG SIZE	TOTAL SQ FT	UM	UNIT PRICE	EXTENSION
		Activity/Phase#: 2 Department# 10134							
1	3066.01	B&W 8.5x11 30% RECYCLED	6	1			EACH	0.038	0.23
2	3067.01	COLOR 30% RECYCLED 8.5x11	8	1			EACH	0.135	1.08
BILLER		SUBTOTAL		SALES TAX		INVOICE TOTAL			
David Kanbara		1.31		0.10		1.41			

INVOICE

**INVOICE**

**ARC Premier Accounts**

ARC W CO Blake St  
 1855 Blake Street Suite 50  
 Denver, CO 80202

DATE REQUIRED 09/06/17

INVOICE NUMBER 407016

DATE 09/11/17

Page 1

BILL TO HDR (NE) OMAHA  
 8404 Indian Hills Dr  
 Omaha, NE 68114

SHIP TO HDR (CO) DENVER  
 1670 Broadway  
 Denver, CO 80202

ORDER DATE		WORK ORDER NO.		PURCHASE ORDER NO.			REQUESTED BY		
09/01/17		DC1322					Cristina Beermann		
JOB NO./JOB NAME						SHIP VIA			
10034266 / PBC-UpperPlatteBasinPlanDevel									
LI#	PROD CODE	DESCRIPTION	ORIG	COPY QTY	ORIG SIZE	TOTAL SQ FT	UM	UNIT PRICE	EXTENSION
1	2505	Activity/Phase#: 2 Department# 10134 COLOR ON CARD STOCK 12x18	2	13			EACH	1.650	42.90
2	2515	TRIM	1	11			EACH	0.200	2.20
BILLER		SUBTOTAL		SALES TAX			INVOICE TOTAL		
Melissa Solano		45.10		3.45			48.55		

INVOICE

**INVOICE**

**ARC Premier Accounts**

ARC W CO Blake St  
 1855 Blake Street Suite 50  
 Denver, CO 80202

DATE REQUIRED 07/27/17

INVOICE NUMBER AFM5460892

DATE 07/29/17

Page 1

BILL TO HDR (NE) OMAHA  
 8404 Indian Hills Dr  
 Omaha, NE 68114

SHIP TO HDR (CO) DENVER  
 1670 Broadway  
 Denver, CO 80202

ORDER DATE		WORK ORDER NO.		PURCHASE ORDER NO.			REQUESTED BY		
07/27/17		AFM5460892					On-Site Services		
JOB NO./JOB NAME						SHIP VIA			
10034266 / PBC-UpperPlatteBasinPlanDevel						FM			
LI#	PROD CODE	DESCRIPTION	ORIG	COPY QTY	ORIG SIZE	TOTAL SQ FT	UM	UNIT PRICE	EXTENSION
1	3066.01	Activity/Phase#: 2 Department# 10134 B&W 8.5x11 30% RECYCLED	1	1			EACH	0.038	0.04
BILLER		SUBTOTAL		SALES TAX		INVOICE TOTAL			
David Kanbara		0.04		0.00		0.04			

INVOICE



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

Phone: 402.435.5441  
Fax: 402.435.7108

## MEMORANDUM

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

**From:** Marc Groff

**Date:** 27 November 2017

**Re:** Progress Report – Contract #947

**Period:** 16 September 2017 – 12 November 2017: TFG Labor  
Subcontractor Invoices received through 27 November 2017

### Work Completed this Period:

1. Efforts this period were focused on
  - a. Preliminary Basin Analyses
    - i. DNR requested that TFG provide support for a series of preliminary basin analyses. TFG conducted model runs and provided technical assistance as requested by the Department.
  - b. Continued review and development of acreage datasets.
    - i. Work is continuing between DNR and the COHYST area NRDs on the effort to reconcile the retirement acreage values between the various agencies – primarily focused on acreage transfers occurring post 2010. Acreage values in the Tri-Basin NRD have been reconciled. Efforts in the Twin Platte and Central Platte NRDs continue.
    - ii. ARI continues to work with DNR, the North Platte NRD, and the South Platte NRD on reconciling acreage retirement values. Work on variances and transfers is continuing.
  - c. Continued M&I modeling approach datasets discussion
    - i. Discussions related to methods for estimating M&I pumping in the WWUM area continued. ARI provided memos summarizing the progress and results of the discussed options.

### Deliverables

1. On 18 September 2017 the POAC technical committee held a conference call during which the status of the acreage reconciliations was discussed.
2. On 2 October 2017 TFG provided the POAC administrators a project update at their meeting in North Platte.
3. On 4 October 2017 ARI provided a draft memorandum related to proposed methodologies for estimating Industrial Pumping in the WWUM area.
4. On 12 October 2017 ARI provided a memo and a series of maps focused on acreage reconciliation efforts between DNR and the North Platte NRD.
5. On 13 October 2017 ARI provided an update to the 4 October 2017 Industrial Pumping memo.

Ms. Jessie Strom  
Nebraska Department of Natural Resources

6. On 16 October 2017 ARI provided materials related to Excess Flow diversions involving Western Canal and Winters Creek Canal.
7. On 18 October 2017 DNR provided materials related to ARI's 16 October 2017 Excess Flow diversions memo.
8. On 18 October 2017 the POAC technical committee held a conference call during which the status of the acreage reconciliations was discussed along with proposed scope and cost modifications related to potential additional work.
9. On 14 November 2017 DNR provided materials related to their efforts to reconcile acreage values with the Tri-Basin NRD which indicate that currently known discrepancies have been resolved.

**Concerns:** Concerns related to the acreage information expressed on the last billing remain. Information related to the acreage retirements/transfers and variances from the various data sources are not in full agreement. Further evaluation is continuing and there will be schedule and cost implications related to these issues.

**Work Projected for Next Period:**

1. Continue developing datasets for the baseline model run.
  - a. Focus on reconciling post 2010 transfers to allow for the development of the baseline land use coverages for 2011 – 2013 within the COHYST modeling area.
  - b. Confirm that the acreage discussions/decisions related to the COHYST modeling area are reflected in the WWUM modeling area and vice versa.



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

# Invoice

Date	Invoice #
11/27/2017	17-2188

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

PROJECT DESCRIPTION		BILLING PERIOD		TERMS
POAC Robust Review		9/16/2017 - 11/12/2017		Net 30
Employee Class	Work Description	Rate	Qty	Amount
Water Resource...	Preliminary Basin Analyses Conducted requested model modifications/executions and provided requested technical assistance	110.00	226	24,860.00
Senior Engineer	Review of modeling results and performance of requested technical analyses	165.00	22	3,630.00
Junior Engineer	Development of modeling input files and requested technical materials	90.00	69.5	6,255.00
	Preliminary Basin Analyses Sub-Total			34,745.00
Senior Engineer	COHYST Area Effort Project Coordination; Reviews of provided materials (Focus on acreage reconciliation efforts)	165.00	10	1,650.00
Water Resource...	Review of datasets and provided analyses; meetings/conference calls (Focus on acreage reconciliation efforts)	110.00	4	440.00
	COHYST Area Sub-Total			2,090.00
Senior Engineer	WWUM Area Effort Project Coordination; Reviews of provided materials (Focus on M&I/canal recharge update memos)	165.00	10	1,650.00
Water Resource...	Review of datasets and provided analyses; meetings/conference calls (Focus on M&I/canal recharge update memos)	110.00	7	770.00
Subs	Subcontractor Fee - ARI Invoice # 4245	2,592.50	1	2,592.50
Subs	Subcontractor Fee - ARI Invoice #4281	1,395.00	1	1,395.00
	WWUM Area Effort Sub-Total			6,407.50
		<b>Total</b>		<b>\$43,242.50</b>
		<b>Balance Due</b>		<b>\$43,242.50</b>



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

(970) 370-2481  
chelli@adaptiveresourcesinc.com  
ari-water.com

# Adaptive Resources, Inc.

## Invoice

Date	Invoice #
09/26/2017	4245
Terms	Due Date
Net 30	10/26/2017

### Bill To

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

Amount Due	Enclosed
\$16,362.50	

Please detach top portion and return with your payment.

Date	Account Summary	Amount
09/01/2017	Balance Forward	\$28,826.25
	Payments and credits between 09/01/2017 and 09/26/2017	-15,056.25
	New charges (details below)	2,592.50
	Total Amount Due (activity through 09/26/2017)	16,362.50

Date	Activity	Quantity	Rate	Amount
	<b>4-Canal Recharge Projects Analysis</b>			
	<b>Week starting 09/04/2017</b>			
09/06/2017	Review questions on canal excess flow diversions from Kara Sobieski of WWG, pull diversion data to review the diversions, and respond to the questions., 2 hrs @ \$150.00/hr	2:00	150.00	300.00
	<b>Week starting 09/11/2017</b>			
09/14/2017	Work with Kara of Wilson Water Group on date ranges for the analysis of the canals., 2 hrs @ \$150.00/hr	2:00	150.00	300.00
	<b>SUBTOTAL - 4-Canal Recharge Projects Analysis = \$600.00</b>			
	<b>9-Documentation</b>			
	<b>Week starting 08/28/2017</b>			
08/28/2017	Industrial/commercial pumping review and changes to process; communication with NRD., 1 hr 15 mins @ \$110.00/hr	1:15	110.00	137.50
08/29/2017	Industrial/commercial pumping review and changes to process., 3 hrs @ \$110.00/hr	3:00	110.00	330.00
08/30/2017	Industrial Documentation review., 30 mins @ \$100.00/hr	0:30	100.00	50.00
08/30/2017	Industrial/commercial pumping review and changes to process; communication with NRD., 2 hrs 30 mins @ \$110.00/hr	2:30	110.00	275.00
	<b>Week starting 09/11/2017</b>			
09/13/2017	Industrial Documentation, review., 30 mins @ \$100.00/hr	0:30	100.00	50.00
	Continue to the next page			

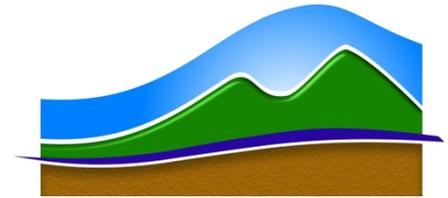
Date	Activity	Quantity	Rate	Amount
09/14/2017	Review of Industrial Pumping Processes and Analyses w/ Thad and Joe., 1 hr @ \$100.00/hr <b>Week starting 09/18/2017</b>	1:00	100.00	100.00
09/18/2017	Documentation of EQUIP/CREP data, 4 hrs @ \$105.00/hr	4:00	105.00	420.00
09/19/2017	Documentation of EQUIP/CREP data, 2 hrs @ \$105.00/hr	2:00	105.00	210.00
09/21/2017	Working and documenting Variance acres., 4 hrs @ \$105.00/hr	4:00	105.00	420.00
<b>SUBTOTAL - 9-Documentation = \$1,992.50</b>				

We appreciate your business.

<b>Total Of New Charges</b>	\$2,592.50
<b>Total Amount Due</b>	\$16,362.50

**Adaptive Resources, Inc.**  
229 E Kiowa Ave  
FORT MORGAN, CO 80701-3109  
ari-water.com

# Invoice



BILL TO
Robust Review Analysis 8200 Cody Dr, Ste A Lincoln, NE 68512-9550

INVOICE #	DATE	TOTAL DUE	DUE DATE	TERMS	ENCLOSED
4281	10/26/2017	\$9,312.50	11/25/2017	Net 30	

DATE	ACCOUNT SUMMARY	AMOUNT
09/26/2017	Balance Forward	\$16,362.50
	Payments and credits between 09/26/2017 and 10/26/2017	-8,445.00
	New charges (details below)	1,395.00
	Total Amount Due	\$9,312.50

DATE	ACTIVITY	AMOUNT
10/04/2017	<b>1-Modification to the Baseline WWUM Modeling</b> <b>Week starting 10/02/2017</b> <b>Services</b> Wilson Water Group: **Review and compare daily diversion data from the model to more recent data posted on the DNR website **Coordinate with Thad Kuntz on flooding day discrepancies due to revised DNR diversions record data <b>SUBTOTAL - 1-Modification to the Baseline WWUM Modeling</b>	495.00
09/26/2017	<b>4-Canal Recharge Projects Analysis</b> <b>Week starting 09/25/2017</b> <b>Billing Rate:Thad Kuntz-Hours</b> Work with Wilson Water Group on diversion questions for excess flow analysis.	225.00
09/27/2017	<b>Billing Rate:Thad Kuntz-Hours</b> Work with Wilson Water Group on diversion questions for excess flow analysis.	225.00
10/16/2017	<b>Week starting 10/16/2017</b> <b>Billing Rate:Thad Kuntz-Hours</b> Draft email on the excess flow diversion dates for POAC Technical Committee.	225.00
	<b>SUBTOTAL - 4-Canal Recharge Projects Analysis</b>	675.00

DATE	ACTIVITY	AMOUNT
10/04/2017	<b>9-Documentation</b> <b>Week starting 10/02/2017</b> <b>Billing Rate:Thad Kuntz-Hours</b> Review Industrial Pumping memo and send out to the POAC TC. <b>SUBTOTAL - 9-Documentation</b>	225.00  225.00

We appreciate your business.

TOTAL OF NEW CHARGES 1,395.00  
BALANCE DUE **\$9,312.50**



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

# Invoice

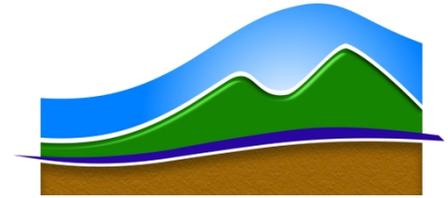
Date	Invoice #
11/29/2017	17-2191

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

PROJECT DESCRIPTION		BILLING PERIOD		TERMS
POAC Robust Review				Net 30
Employee Class	Work Description	Rate	Qty	Amount
Subs	WWUM Area Effort Subcontractor Fees - ARI Invoice 4294	5,870.00	1	5,870.00
		<b>Total</b>		<b>\$5,870.00</b>
		<b>Balance Due</b>		<b>\$5,870.00</b>

**Adaptive Resources, Inc.**  
229 E Kiowa Ave  
FORT MORGAN, CO 80701-3109  
ari-water.com

# Invoice



**BILL TO**

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

INVOICE #	DATE	TOTAL DUE	DUE DATE	TERMS	ENCLOSED
4294	11/26/2017	\$9,857.50	12/26/2017	Net 30	

DATE	ACCOUNT SUMMARY	AMOUNT
10/26/2017	Balance Forward	\$9,312.50
	Payments and credits between 10/26/2017 and 11/26/2017	-5,325.00
	New charges (details below)	5,870.00
	Total Amount Due	\$9,857.50

DATE	ACTIVITY	AMOUNT
	<b>1-Modification to the Baseline WWUM Modeling</b>	
	<b>Week starting 08/21/2017</b>	
08/25/2017	**Review previous estimates of flooding days and percent recharge for comparison to recorded and modeled values	2,227.50
	**Begin development of revised river and farm headgate diversion files to remove the effect of the flooding in 2011 and 2013	
	<b>SUBTOTAL - 1-Modification to the Baseline WWUM Modeling</b>	2,227.50
	<b>4-Canal Recharge Projects Analysis</b>	
	<b>Week starting 11/06/2017</b>	
11/06/2017	<b>Billing Rate:Thad Kuntz-Hours</b> Work on pit diversions for Western Canal and Lisco Diversion data.	300.00
	<b>Week starting 11/20/2017</b>	
11/21/2017	<b>Billing Rate:Joe Reedy-Hours</b> Review and provision of excess flow and pit recharge amounts.	220.00
11/22/2017	<b>Billing Rate:Joe Reedy-Hours</b> Review and provision of excess flow and pit recharge amounts.	385.00
	<b>SUBTOTAL - 4-Canal Recharge Projects Analysis</b>	905.00
	<b>8-Project Coordination, Mtg. and Addl. Support</b>	
	<b>Week starting 10/30/2017</b>	
10/30/2017	<b>Billing Rate:Zane Engelbert-Hours</b> Additional Support: Work on differences between the DNR and NPNRD CREP/EQUIP datasets for discussion by the POAC Technical Committee.	210.00

DATE	ACTIVITY	AMOUNT
10/30/2017	<b>Billing Rate:Thad Kuntz-Hours</b> Additional Support: Work on updated CREP/EQUIP maps for DNR to look up contract info for the correct location. <b>Week starting 11/06/2017</b>	75.00
11/07/2017	<b>Billing Rate:Thad Kuntz-Hours</b> Additional Support: Work on Industrial pumping data from the DNR well registration database and discussion with Joe (ARI staff) to complete work on dataset.	225.00
11/08/2017	<b>Billing Rate:Joe Reedy-Hours</b> Additional Support: Data review with SPNRD; analysis of DNR registration data for inclusion in dataset that was not in the scope of work and additional work on the meter data from SPNRD.	605.00
11/09/2017	<b>Billing Rate:Joe Reedy-Hours</b> Additional Support: Data review with SPNRD; analysis of DNR registration data for inclusion in the industrial dataset that was not in the scope of work and work on meter data issues from SPNRD; modification to flow meter data processing. <b>Week starting 11/13/2017</b>	632.50
11/15/2017	<b>Billing Rate:Joe Reedy-Hours</b> Additional Support: Working on DNR well registrations industrial pumping dataset and update to documentation based on these registrations.	220.00
11/16/2017	<b>Billing Rate:Joe Reedy-Hours</b> Additional Support: Review for POAC technical committee meeting; work on DNR well registration data to determine appropriate pumping category based on The Flatwater Groups memo.	220.00
11/17/2017	<b>Billing Rate:Joe Reedy-Hours</b> Additional Support: Review for POAC technical committee meeting; work on DNR well registration data to determine appropriate pumping category based on The Flatwater Groups memo. <b>Week starting 11/20/2017</b>	165.00
11/20/2017	<b>Billing Rate:Joe Reedy-Hours</b> POAC Technical Committee meeting. Additional Support: Review DNR well registration industrial pumping datasets for inclusion in the overall dataset.	385.00
	<b>SUBTOTAL - 8-Project Coordination, Mtg. and Addl. Support</b>	2,737.50

We appreciate your business.

TOTAL OF NEW CHARGES  
 BALANCE DUE

5,870.00

**\$9,857.50**

Contract No.: 571

**AMENDMENT 4 TO THE AGREEMENT BETWEEN  
THE PLATTE BASIN WATER PROJECT COALITION  
AND  
THE FLATWATER GROUP, INC.**

1. **Parties.** This amendment is made and entered into by and between the Platte Basin Water Project Coalition and The Flatwater Group, Inc.
2. **Purposes of the amendment.** The existing contract (NeDNR Contract #571) in relation to paragraph 3 Compensation Details and Billing Procedures provides for compensation not to exceed \$226,000 and the parties wish to increase the total compensation not to exceed amount to \$237,060. Additionally, the existing contract was extended through October 30, 2017, in an amendment signed April 26, 2017, and the parties now wish to extend the term to January 31, 2018.
3. **Amendment.** Paragraph 3. Compensation Details and Billing Procedures is amended to provide that the total compensation is not to exceed \$237,060.
4. **Amendment.** Paragraph 4. Term of Agreement is amended to provide that the agreement is to continue through January 31, 2018.
5. **Balance of original Contract.** With the exception of the terms and conditions of this Amendment, the other provisions of the original agreement shall remain in full force and effect. Additionally, the effective date of this amendment shall be the date of the signature last affixed hereto.

In witness whereof, the parties to this amendment, through their duly authorized representative, have executed this amendment on the dates set forth below.

**The Flatwater Group, Inc.**



Thomas E. Riley, P.E., Principal  
8200 Cody Drive  
Lincoln, NE 68512-9550

Date: 27 OCT 2017

**Platte Basin Water Project Coalition**



Kent Miller, Chairman

Date: Oct 27, 2017