

Date \_\_\_\_\_

## HEADWATERS CORPORATION

4111 4th Avenue Suite 6

Kearney, NE 68845

**INVOICE** To: Nebraska Community Foundation  
 Attention: Diane Wilson  
 3833 South 14th Street, PO Box 83107  
 Lincoln, NE 68501-3107

Number 190

Date: 6/14/2016

Period Covered: May 1, 2016 to June 11, 2016

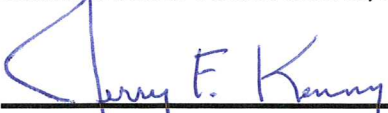
**Professional Services:**

Name	Title	Hours		Rate	Charge
Jerry Kenny	Executive Director	196.0	\$	132.18	\$ 25,907.28
Bridget Barron	Communications	162.0	\$	81.99	\$ 13,282.38
Chad Smith	Adaptive Management	223.0	\$	100.28	\$ 22,362.44
Bruce Sackett	Land Specialist	194.0	\$	81.22	\$ 15,756.68
Jason Farnsworth	Natural Resources	222.0	\$	90.51	\$ 20,093.22
Justin Brei	BioSystems Engineer	172.0	\$	50.81	\$ 8,739.32
Julie Liakos	Admin. Ass't	176.0	\$	31.71	\$ 5,580.96
Tim Tunnell	Land Manager	228.0	\$	54.02	\$ 12,316.56
Dave Baasch	Ecologist	255.0	\$	60.93	\$ 15,537.15
Scott Griebeling	Water Resources Engineer	198.0	\$	60.42	\$ 11,963.16
Staci Cahis	Wild Life Biologist	207.5	\$	29.46	\$ 6,112.95
Sira Sartori	Hydrologist	114.0	\$	59.39	\$ 6,770.46
Kevin Werbylo	Water Resources Engineer	216.5	\$	49.12	\$ 10,634.48
Seth Turner	Senior Water Resources Eng	128.0	\$	80.22	\$ 10,268.16
Darren Beck	Director of Water Resources	105.5	\$	64.46	\$ 6,800.53
Kaley Keldsen	Intern	223.0	\$	20.00	\$ 4,460.00
Trace Baasch	Intern	28.0	\$	15.48	\$ 433.44
George Oamek	Economist	120.0	\$	90.85	\$ 10,902.00
Dillon Schroeder	Wild Life Biologist	262.0	\$	25.28	\$ 6,623.36
Patrick Farrell	Ecological Statistician	219.0	\$	43.88	\$ 9,609.72
<b>Total Labor:</b>		3649.5			\$ 224,154.25

**Reimbursable Expenses:**

Travel:	\$6,000.96
Meetings:	\$11.36
Supplies:	\$1,001.03
Space:	\$11,953.70
Utilities:	\$3,946.79
Equipment:	\$747.54
Shipping:	\$130.51
Services:	\$2,350.76
Professional/Civic:	\$1,715.00
<b>Total Reimbursable Expenses</b>	<b>\$27,857.65</b>
<b>Total This Invoice</b>	<b>\$252,011.90</b>

**Note:** See attached detail. Further records, including receipts, as appropriate, are available in our office.

  
 Signature: Jerry F. Kenny, Ph.D., Executive Director

Date: 06/14/16

**Headwaters Corporation**  
**Providing Services as Office of the Executive Director for**  
**Platte River Recovery Implementation Program**

**Summary of Significant Activity for the Period**  
**May 1 to June 11, 2016**

**Land Plan Implementation**

Land Plan management activities were focused on boundary issues, routine maintenance activities, and execution of spring 2016 land management activities. Specific activities include:

Focus of real estate acquisitions/disposal for this period were:

- Search for palustrine wetland habitat tracts has yielded a candidate property in eastern end of AHR that was evaluated by a LAC team. Recommendation for action at next LAC meeting.
- Search for OCSW habitat sites has recently resulted in numerous candidates that are being explored and vetted.
- Significant effort continues on coordination with new neighbors at Pawnee Complex to develop easement, boundary, and management agreements. Sale of 10 acres to Sterling completed.
- Progress made toward access easement on Newark with NG&P.

Focus of land management activities for this period were:

- Routine and on-going discussion with neighboring land-owners in conformance with Good Neighbor Policy for all properties. Wet spring and high water levels have resulted in several conversations about high groundwater with landowners seeking to connect Program to the high groundwater levels. Claims investigated and in all instances the case can clearly be made that Program activities are not the cause.
- Oversight for tree-clearing and fencing projects on Pawnee Complex to allow grazing in spring completed.
- Prescribed fire burn contractor successfully implemented most of the burn plans even though there were numerous windy and rainy days. All prescribed fire activities completed without incident.
- Oversight of noxious weed spraying on all properties on-going.
- Completion of repairs for high water damage at Overton Sand and Gravel (river berm shielding Spring Creek Bridge), debris clearing at bridge completed. Overflows being safely passed as designed, but bridge stability monitored as long as high flows persist.
- Attended and participated in PVMA meeting May 5<sup>th</sup> in Kearney, NE.
- Organized and participated in LAC meeting on May 23 in Kearney, NE.

## **Water Plan Implementation**

The focus on Water activities during this period continued to be a split between activities related to Adaptive Management Plan activities (wet meadow hydrology study implementation and data analysis) and efforts on Water Action Plan Projects to deal with J2 cost issues and J2 downsizing that requires other alternatives to fill the resulting supply gap. Specific activities in each of these categories include:

AMP oriented efforts include:

- Field work associated with spring-fall data collection systems start-up completed.
- Monitoring activities (routine data down loads) continuing for wet meadows at Shoemaker Island and Fort Kearney Complexes.
- Monitoring activities associated with groundwater recharge activities in Phelps County continuing.
- Significant effort being expended in compilation, analysis, and synthesis of wet meadow data underway. Focus on high flow events given priority.

Water Action Plan oriented efforts include:

- Development and posting of hydrologic conditions.
- On-going coordination with COHYST efforts, including participation in technical committee phone conferences on an alternating week schedule.
- Analysis of excess flows completed with temporal trends and patterns as focus of analyses.
- Design of wetland mitigation on Fort Kearney Complex for 404 Permit requirements progressing toward development of a bid package.
- On-going discussions with surface water right holders interested in leasing water yields to Program. Discussions between NPPD, NDNR, and CPNRD with the Program concerning such water transfers occurring for Dawson County Canal concluded, awaiting permitting decision from NDNR.
- Discussions with Enterprise Ditch in panhandle on-going for water leasing potential.
- Scoring analysis for CPNRD leased water continues in coordination with NRD staff.
- Evaluation of yields and costs associated with inclusion of Elwood recharge in lease arrangements with CNPPID continues.
- Significant staff time expended on broad-scale recharge pre-feasibility analyses, efforts focused on Overton to Elm Creek reach. Agreement in place with USGS to accomplish a resistivity survey to characterize the materials underlying Cottonwood Ranch potential recharge areas. Test infiltration pits constructed and infiltration tests underway.
- Exploration of slurry wall lined gravel pits concepts underway as an alternate storage concept and complement to broad-scale recharge efforts. Coordinating with CPNRD to extend aeromagnetic survey work for COHYST to include areas of interest related to lined gravel pit locations. Scope, budget, and contract developed for aerial electromagnetic survey effort in Odessa to Gothenburg reach of river. Coordination with Special Advisor for presentation at WAC in May to introduce concept progressing.
- Work on selective irrigation retirement as a water alternative white paper completed.
- Revision of J2 Water Service Agreement under review by signatories, support as needed for those discussions.
- Revised economic analyses of WAP alternatives and documentation of analyses complete.
- Participation in EAC/RCC meeting May 3<sup>rd</sup> in Ogallala, NE.
- Organized and participated in WAC meeting May 3<sup>rd</sup> in Ogallala, NE.

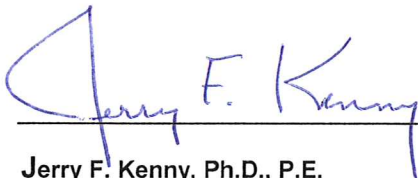
## Adaptive Management Plan Implementation

Efforts during this period for AMP activities were focused on WC and T&P data analysis and Whooping Crane monitoring efforts. Specific activities include:

- Extensive coordination with compass on advancing the structured decision making process in accordance with aggressive schedule to reach decision at June GC.
- Significant effort in preparation for T&P migration including installation of predator fences, pre-emergent herbicide application, and mobilizing field equipment.
- T&P monitoring initiated both inside and outside of nesting area.
- Significant effort expended in writing WC habitat- FSM data synthesis compilation document, and preparation of a peer review package, nearing completion.
- Several manuscripts under preparation including:
  - Forage Fish flow vs productivity
  - T&P nest site selection
  - T&P nest and chick survival
  - T&P nesting incidence and channel width
  - Channel width determination – field vs Lidar
- Width analysis on-going linking physical features to habitat selection.
- Work on historical channel HEC-RAS model on-going.
- Oversight of website and database management system development and maintenance activities.
- Organizational effort continues on Program Library to enhance usefulness.
- Organizational effort initiated on Program photograph library initiated.
- RFP for Lidar acquisition published, proposals received, selection made.

## Outreach and Operations

- Routine daily operations associated with management and support of EDO staff, acquisition of supplies and equipment, oversight of consultant and contractor contracts and payment, maintenance of property files, coordination of meeting logistics, and general administration of Program.
- Working with NCF on revisions to Procurement Policy required by new Federal regulations.
- Participation in FC call on May 17<sup>th</sup> to review Procurement Policy revisions prior to taking to GC in June.
- Organized and participated in Governance Committee meeting June 7<sup>th</sup> and 8<sup>th</sup> in Cheyenne, WY.



Jerry F. Kenny, Ph.D., P.E.

06/14/16

Date

HEADWATERS CORPORATION  
4111 4th Avenue Suite 6  
Kearney, Nebraska 68845  
Platte River Recovery Implementation Program  
Work Plan Item: ED-1, Program Executive Director Office  
Period Covered: May 1, 2016 to June 11, 2016

Professional Services Detail:				
NAME	PAY PERIOD	HOURS	RATE	CHARGE
Jerry Kenny	May 1, 2016 to May 14, 2016	62.0	132.18	8,195.16
	May 15, 2016 to May 28, 2016	62.0	132.18	8,195.16
	May 29, 2016 to June 11, 2016	72.0	132.18	9,516.96
	Month Subtotal:	196.0		25,907.28
Bridget Barron	May 1, 2016 to May 14, 2016	68.0	81.99	5,575.32
	May 15, 2016 to May 28, 2016	43.0	81.99	3,525.57
	May 29, 2016 to June 11, 2016	51.0	81.99	4,181.49
	Month Subtotal:	162.0		13,282.38
Chad Smith	May 1, 2016 to May 14, 2016	77.0	100.28	7,721.56
	May 15, 2016 to May 28, 2016	77.0	100.28	7,721.56
	May 29, 2016 to June 11, 2016	69.0	100.28	6,919.32
	Month Subtotal:	223.0		22,362.44
Bruce Sackett	May 1, 2016 to May 14, 2016	42.0	81.22	3,411.24
	May 15, 2016 to May 28, 2016	81.0	81.22	6,578.82
	May 29, 2016 to June 11, 2016	71.0	81.22	5,766.62
	Month Subtotal:	194.0		15,756.68
Jason Farnsworth	May 1, 2016 to May 14, 2016	80.0	90.51	7,240.80
	May 15, 2016 to May 28, 2016	72.0	90.51	6,516.72
	May 29, 2016 to June 11, 2016	70.0	90.51	6,335.70
	Month Subtotal:	222.0		20,093.22
Justin Brei	May 1, 2016 to May 14, 2016	44.0	50.81	2,235.64
	May 15, 2016 to May 28, 2016	75.0	50.81	3,810.75
	May 29, 2016 to June 11, 2016	53.0	50.81	2,692.93
	Month Subtotal:	172.0		8,739.32
Julie Liakos	May 1, 2016 to May 14, 2016	63.5	31.71	2,013.59
	May 15, 2016 to May 28, 2016	56.0	31.71	1,775.76
	May 29, 2016 to June 11, 2016	56.5	31.71	1,791.62
	Month Subtotal:	176.0		5,580.96
Tim Tunnell	May 1, 2016 to May 14, 2016	76.0	54.02	4,105.52
	May 15, 2016 to May 28, 2016	80.0	54.02	4,321.60
	May 29, 2016 to June 11, 2016	72.0	54.02	3,889.44
	Month Subtotal:	228.0		12,316.56
Dave Zorn	May 1, 2016 to May 14, 2016	0.0	32.99	0.00
	May 15, 2016 to May 28, 2016	0.0	32.99	0.00
	May 29, 2016 to June 11, 2016	0.0	32.99	0.00
	Month Subtotal:	0.0		0.00
Dave Baasch	May 1, 2016 to May 14, 2016	91.0	60.93	5,544.63
	May 15, 2016 to May 28, 2016	85.0	60.93	5,179.05
	May 29, 2016 to June 11, 2016	79.0	60.93	4,813.47
	Month Subtotal:	255.0		15,537.15
Scott Griebeling	May 1, 2016 to May 14, 2016	71.0	60.42	4,289.82
	May 15, 2016 to May 28, 2016	71.0	60.42	4,289.82
	May 29, 2016 to June 11, 2016	56.0	60.42	3,383.52
	Month Subtotal:	198.0		11,963.16
Staci Cahis	May 1, 2016 to May 14, 2016	63.0	29.46	1,855.98
	May 15, 2016 to May 28, 2016	67.0	29.46	1,973.82
	May 29, 2016 to June 11, 2016	77.5	29.46	2,283.15
	Month Subtotal:	207.5		6,112.95
Sira Sartori	May 1, 2016 to May 14, 2016	39.0	59.39	2,316.21
	May 15, 2016 to May 28, 2016	39.0	59.39	2,316.21
	May 29, 2016 to June 11, 2016	36.0	59.39	2,138.04
	Month Subtotal:	114.0		6,770.46
Kevin Werbylo	May 1, 2016 to May 14, 2016	75.5	49.12	3,708.56
	May 15, 2016 to May 28, 2016	77.0	49.12	3,782.24
	May 29, 2016 to June 11, 2016	64.0	49.12	3,143.68
	Month Subtotal:	216.5		10,634.48
Seth Turner	May 1, 2016 to May 14, 2016	50.0	80.22	4,011.00
	May 15, 2016 to May 28, 2016	64.0	80.22	5,134.08
	May 29, 2016 to June 11, 2016	14.0	80.22	1,123.08
	Month Subtotal:	128.0		10,268.16
Darren Beck	May 1, 2016 to May 14, 2016	41.5	64.46	2,675.09
	May 15, 2016 to May 28, 2016	63.5	64.46	4,093.21
	May 29, 2016 to June 11, 2016	0.5	64.46	32.23
	Month Subtotal:	105.5		6,800.53
Kaley Keldsen	May 1, 2016 to May 14, 2016	56.5	20.00	1,130.00
	May 15, 2016 to May 28, 2016	74.5	20.00	1,490.00
	May 29, 2016 to June 11, 2016	92.0	20.00	1,840.00
	Month Subtotal:	223.0		4,460.00
Trace Baasch	May 1, 2016 to May 14, 2016	0.0	15.48	0.00
	May 15, 2016 to May 28, 2016	0.0	15.48	0.00
	May 29, 2016 to June 11, 2016	28.0	15.48	433.44
	Month Subtotal:	28.0		433.44
George Oamek	May 1, 2016 to May 14, 2016	32.0	90.85	2,907.20
	May 15, 2016 to May 28, 2016	56.0	90.85	5,087.60
	May 29, 2016 to June 11, 2016	32.0	90.85	2,907.20
	Month Subtotal:	120.0		10,902.00
Dillon Schroeder	May 1, 2016 to May 14, 2016	83.0	25.28	2,098.24
	May 15, 2016 to May 28, 2016	90.5	25.28	2,287.84
	May 29, 2016 to June 11, 2016	88.5	25.28	2,237.28
	Month Subtotal:	262.0		6,623.36
Patrick Farrell	May 1, 2016 to May 14, 2016	65.0	43.88	2,852.20
	May 15, 2016 to May 28, 2016	80.0	43.88	3,510.40
	May 29, 2016 to June 11, 2016	74.0	43.88	3,247.12
	Month Subtotal:	219.0		9,609.72
		3649.5		224,154.25