

**Water Supply Reserve Account – Grant and Loan Program**  
**Water Activity Summary Sheet**  
**September 24, 2013**  
**Agenda Item 18(w)**

**Applicant:** Jackson County Water Conservancy District

**Water Activity Name:** North Platte Basin Implementation Plan

**Water Activity Purpose:** All inclusive

**River Basin:** North Platte

**Water Source:** North Platte River and tributaries

**Amount Requested:** \$107,500 (North Platte Basin Account)

**Matching Funds:** none

<b>Staff Recommendation:</b>
Staff recommends approval of up to \$107,500 from the North Platte Basin Account to help complete the project titled: North Platte Basin Implementation Plan

**Water Activity Summary:** WSRA funds will be expended to draft a North Platte Basin Implementation Plan that conforms to the Basin Implementation Plan Guidance Document to include Sections 1-6 to be authored by Wilson Water Group, with the Jackson County River Water Conservancy District acting as the applicant and fiscal agent on behalf of the North Platte River Basin Roundtable.

*Threshold and Evaluation Criteria:*

The application meets all four Threshold Criteria.

**Discussion:**

No additional discussion is needed.

**Issues/Additional Needs:**

No additional issues or needs were identified.

**Staff Recommendation:**

Staff recommends approval of up to \$107,500 from the North Platte Basin Account for project titled: North Platte Basin Implementation Plan.

All products, data and information developed as a result of this grant must be provided to the CWCB in hard copy and electronic format as part of the project documentation. This information will in turn be made widely available to Basin Roundtables and the general public and will help promote the development of a common technical platform. In accordance with the revised WSRA Criteria and Guidelines, staff would like to highlight additional reporting and final deliverable requirements. The specific requirements are provided below.

**Reporting and Final Deliverable:** The applicant shall provide the CWCB a progress report every 6 months, beginning from the date of the executed contract. The progress report shall describe the completion or partial completion of the tasks identified in the scope of work including a description of

any major issues that have occurred and any corrective action taken to address these issues. At completion of the project, the applicant shall provide the CWCB a final report that summarizes the project and documents how the project was completed. This report may contain photographs, summaries of meetings and engineering reports/designs.

**Engineering:** All engineering work (as defined in the Engineers Practice Act (§12-25-102(10) C.R.S.)) performed under this grant shall be performed by or under the responsible charge of professional engineer licensed by the State of Colorado to practice Engineering.

## **NORTH PLATTE BASIN ROUNDTABLE**

Wm. Kent Crowder, Chair  
P.O. Box 1019  
Walden, Colorado 80480

FAX (970) 723-4706  
(970) 723-4660

July 24, 2013

WSRA Application – Basin Implementation Plans  
Colorado Water Conservation Board  
1580 Logan Street, Suite 200  
Denver, CO 80203

Re: Water Supply Reserve Account Grant Application for the North Platte Basin Implementation Plan -  
\$107,500 Basin Account WSRA Funds

Dear Rebecca Mitchell:

This letter is to advise you that the WSRA grant application for \$107,500.00 in Basin Account funds for the North Platte Basin Implementation Plan was reviewed by the North Platte Basin Roundtable (NPBRT) during its July 23, 2013 meeting. Eleven voting members of the North Platte Basin Roundtable in attendance during this meeting, voted to approve the project and the requested WSRA funding. A minority report is not required because there were no dissenting votes.

Each basin roundtable was requested to complete a Basin Implementation Plan as a fundamental component of the forthcoming update to the Statewide Water Supply Initiative and the Colorado Water Plan requested by Governor Hickenlooper's Executive Order D 2013-005. This WSRA grant application to fund the preparation of this North Platte Basin Implementation Plan (NPBIP) is in response to this charge from the State. The Jackson County Water Conservancy District (JCWCD) will serve as the fiscal agent and administrator of this grant on behalf of the North Platte Basin Roundtable. Wilson Water Group will be retained to provide professional services to assist the Roundtable with the development of the NPBIP. The purpose of this Basin Implementation Plan is to develop projects and methods to meet municipal, industrial, agricultural, environmental, and recreational needs and will involve the refinement of basin-wide goals and measureable outcomes, analysis of basin-wide needs, identification of constraints and opportunities in meeting those needs; and an analysis of the ability for proposed projects and methods to meet the NPBRT water supply gaps using basin-wide modeling tools. Once the proposed projects and methods are analyzed and ultimately selected for inclusion in the Basin Implementation Plan, the plan will identify specific implementation strategies to fully realize the projects and methods described in the plan, while also detailing how the plan meets the BRT goals and measurable outcomes. The development of this Basin Implementation Plan will be coordinated with CWCB's staff and technical team.

Please feel free to call me with any questions that you may have regarding the North Platte Basin Roundtable meeting or our level of support for this project.

Sincerely,



Wm. Kent Crowder, Chair  
North Platte Basin Roundtable

cc: Wilson Water Group



# WATER SUPPLY RESERVE ACCOUNT APPLICATION FORM FOR BASIN IMPLEMENTATION PLANS



North Platte

Jackson County Water  
Conservancy District

**Basin**

**Applicant/Fiscal Agent**

July 23, 2013

**Amount from Statewide Account:**

\$0

**Roundtable Approval Date**

**Amount from Basin Account:**

\$107,500

**Total WSRA Funds Requested:**

\$107,500

Applicant Mailing  
Address:

Jackson County Water Conservancy District  
P.O. Box 1019  
Walden, CO 80480

Taxpayer ID#:

84-0934121

**Primary Contact:**

Kent Crowder

**Position/Title:**

Board President

Email:

KentCrowder@aol.com

Phone Numbers:

Cell:

970-218-4532

Office:

970-723-4660

The Colorado Water Conservation Board (CWCB) has requested that each basin roundtable complete a Basin Implementation Plan as a fundamental component of the forthcoming update to the Statewide Water Supply Initiative and the Colorado Water Plan requested by Governor Hickenlooper's Executive Order D 2013-005. The CWCB's technical team will be available to help with the creation of these plans. In addition, resources of the Colorado River Water Availability Study Continuation will be available to west slope basins to help with more detailed modeling analyses in the plans. Basins are also encouraged to use Water Supply Reserve Account (WSRA) funds to complete all or a portion of their plans.

Since the plans meet the intent and criteria of the WSRA program, fund requests for this purpose should use this streamlined WSRA application form. In addition, staff has determined that Basin Implementation Plans meet the WSRA evaluation criteria for funds from the Statewide WSRA Account, however, applications that seek more than 33% of funds from the Statewide Account must provide a separate sheet justifying the request.

Along with this completed form, the applicant must submit **a detailed scope of work as Exhibit A**, including a budget and schedule. The scope should closely follow the items set forth in the Basin Implementation Plan Guidance Descriptive Outline available on the CWCB website, including the following components:

	Included in this Application (Y or N)?
<b>Executive Summary</b>	<b>Y</b>
<b>Section 1: Basin Goals and Measurable Outcomes</b>	<b>Y</b>
<b>Section 2: Evaluate Consumptive and Nonconsumptive Needs</b>	<b>Y</b>
2.1 Nonconsumptive Needs	<b>Y</b>
2.2 Consumptive Needs	<b>Y</b>
<b>Section 3: Evaluate Consumptive &amp; Nonconsumptive Constraints and Opportunities</b>	<b>Y</b>
3.1 Current Basin Water Operations and Hydrology	<b>Y</b>
3.2 Water Management and Water Administration (Optional)	<b>Y</b>
3.3 Hydrologic Modeling (Optional)	<b>Y</b>
3.4 Shortages Analysis	<b>Y</b>
<b>Section 4: Projects and Methods</b>	<b>Y</b>
4.1 Education, Participation & Outreach	<b>Y</b>
4.2 New Multi-Purpose, Cooperative, and Regional Projects and Methods	<b>Y</b>
4.3 M&I Projects and Methods (i.e. projects, conservation, reuse, drought planning)	<b>Y</b>
4.4 Agricultural Projects & Methods	<b>Y</b>
4.5 Non-consumptive Projects and Methods	<b>Y</b>
4.6 Interbasin Projects and Methods (optional)	<b>Y</b>
<b>Section 5: Implementation Strategies for the Projects and Methods</b>	<b>Y</b>
<b>Section 6: How the plan meets the Roundtables' Goals and Measurable Outcomes</b>	<b>Y</b>

The application must also be accompanied by the roundtable's letter of approval, required for all WSRA applications. In addition, the applicant must: coordinate plan development with CWCB's staff and technical team; meet all the WSRA eligibility criteria detailed in the WSRA Criteria and Guidelines document; be able to use the standard contract; address any TABOR issues; provide a W-9 form; and provide proof of required insurance. Other WSRA reference material is available on the CWCB website. Applications must be approved by the CWCB board, but the CWCB approval process may be expedited to accommodate aggressive timelines.

**Signature of Applicant:**



**Print Applicant's Name:** Kent Crowder

**Date:** June 21, 2013

**Return an electronic version of all application materials to:**

WSRA Application – Basin Implementation Plans  
Colorado Water Conservation Board  
1580 Logan Street, Suite 200  
Denver, CO 80203  
[rebecca.mitchell@state.co.us](mailto:rebecca.mitchell@state.co.us)

All WSRA funds are disbursed on a reimbursement basis after review of invoices and appropriate backup material from the applicant. Invoices from any other entity (i.e. subcontractors) cannot be processed by the State. The invoice must include: a description of the work accomplished by major task, an estimate of the percent completed by individual tasks and the entire project in relation to the percentage of budget spent, identification of any major issues and proposed or implemented corrective actions. The last 5 percent of the entire project budget will be withheld until final plan documentation is completed. All products, data, and information developed as a result of this grant must be provided to the CWCB in hard copy and electronic format as part of the project documentation. This information will in turn be made widely available to Basin Roundtables and the general public.

## **Exhibit A**

### **Scope of Services**

#### **Introduction**

The North Platte River Basin's current and projected consumptive and non-consumptive use needs were assessed in the State Water Supply Initiative (SWSI) 2010, and summarized in the SWSI North Platte River Basin Report. This report identified a future "gap" between the supplies and the projected needs. In response to the call for a State Water Plan, each Basin Round Table (BRT) is charged with developing a Basin Implementation Plan (BIP). The purpose of the Basin Implementation Plan is to develop projects and methods to meet municipal, industrial, agricultural, environmental, and recreational needs. For the North Platte Basin Implementation Plan (NPBIP) effort this involves an analysis of basin-wide needs; identification of constraints and opportunities in meeting those needs; and an analysis of the ability for proposed projects and methods to meet the NPBRT water supply gaps using basin-wide modeling tools. Once the proposed projects and methods are analyzed and ultimately selected for inclusion in the NPBIP, the plan will identify specific implementation strategies to fully realize the projects and methods described in the plan, while also detailing how the plan meets the BRT goals and measurable outcomes.

The following scope of services describes the tasks, and associated budget, Wilson Water Group proposes to assist the NPBRT in completing the NPBIP and associated report for submittal to the State. To best utilize the existing information and tools that have been developed for the basin, the tasks focus on using the consumptive use and surface water allocation models previously developed for the North Platte River Basin. As these models represent a majority of the needs in the basin (i.e. agricultural), as well as the hydrological, legal, and operational conditions over a long-term study period, these models serve as an excellent platform to analyze basin-wide needs. The tasks also include review and use of information developed for the SWSI effort and other State and locally supported projects, as well as information from local water users and NPBRT representatives. Many of these tasks will be completed in close coordination with the NPBRT to ensure that the plan reflects the goals and objectives prioritized by the NPBRT that are feasible for implementation.

#### **Task 1: Development of Basin Goals and Measureable Outcomes (*supports Section 1*)**

The task of developing Basin Goals and Measureable Outcomes allows the NPBRT to discuss the water management challenges in the basin, and define the short and long-term goals and outcomes that the NPBIP can and should accomplish. Water management challenges have been presented in the SWSI North Platte Basin Report, however local knowledge and concerns from the water users in the basin should also be used to guide the discussion.

#### ***Approach***

Facilitate a half-day workshop with the NPBIP Working Group to discuss the project's Basin Goals and Measureable Outcomes. Discussion during this workshop will highlight the water management challenges outlined in the SWSI North Platte Basin Report, define the goals and measureable goals for the NPBIP, and address how the goals and outcomes are consistent with future SWSI efforts and the

State Water Plan. The discussion and agreed upon goals and outcomes will be summarized in *Section 1* of the NPBIP report, and will guide the efforts for the remaining project tasks.

#### *Deliverable*

- List of basin-wide Goals and Measureable Outcomes, ultimately included in *Section 1* of the NPBIP report.

### **Task 2: Evaluate Consumptive and Non-consumptive Needs (*supports Section 2*)**

There have been many previous efforts to identify, summarize and project consumptive and non-consumptive demands in the North Platte Basin. In this task, Wilson Water Group will work with the NPBIP Working Group to identify and compile the existing reports, developed either at the State or local level, and review these reports for water planning information. Understanding the current and projected consumptive and non-consumptive needs is the first step to helping the NPBRT determine how well they are currently meeting their needs, their constraints on meeting their needs, and where there may be opportunities they can capitalize on to meet their Basin Goals and Measureable Outcomes.

#### *Approach*

With direction from the NPBIP Working Group, identify and compile the existing reports that discuss basin-wide planning information on consumptive and non-consumptive needs as it pertains to their Basin Goals and Measureable Outcomes. Wilson Water Group has been intimately involved with the development of NPDSS models and reports, which account for a majority of the current consumptive (i.e. agricultural) demands in the basin, reflect the current basin irrigation practices and operations, and include a portion of the non-consumptive demands. This understanding will be supplemented with consumptive and non-consumptive needs information developed through locally sponsored projects and planning efforts specific to the North Platte River Basin Decree, as well as information developed through State-guided efforts including reports created through the SWSI efforts, through drought planning efforts, or through IBCC or BRT initiatives/working groups. Upon direction from the NPBRT, this task will also likely include review and use of the Non-consumptive Toolbox, through which the NPBRT can understand how their non-consumptive needs are being met through existing projects and methods.

Pertinent information will be gleaned from each report and presented to the NPBIP Working Group, with discussion focusing on which information to consider for the project and resolution of conflicting information. This list of existing reports, and a short summary of how the information pertains to the NPBIP, will be included in *Section 2* of report.

#### *Deliverable*

- List of existing reports, and a short summary of how the consumptive and non-consumptive information pertains to the NPBIP as a whole, will be included in *Section 2* of report.
- Meeting materials and information summaries for Working Group discussions, as appropriate.



### **Task 3: Evaluate Consumptive and Non-consumptive Constraints and Opportunities (*supports Section 3*)**

The purpose of this task is to help the NPBRT better understand what the constraints and opportunities are within their basin to meet their consumptive and non-consumptive needs, and determine locations where solutions may be implemented to meet the Basin Goals and Measureable Outcomes. As is known by the local water users, the irrigation practices, water rights, demands and operations of a single water user can have a large impact on the water available for other water users to meet their demands. Because of this interplay of factors that impact the ability to meet consumptive and non-consumptive demands through the basin, a basin-wide approach, such as the NPDSS, that accounts for these factors is required to identify and investigate constraints and opportunities.

The current NPDSS consumptive use and surface water models provide an excellent platform for identifying and investigating consumptive and non-consumptive constraints and opportunities as the models reflect over 95 percent of the water users explicitly, encompass a study period that reflects variable hydrologic conditions (e.g. dry, wet and average periods), and reflect 100 percent of the agricultural demands and operations in the basin. Wilson Water Group's experience with the modeling tools allows us to easily revise model input to reflect additional or projected consumptive or non-consumptive needs, if desired by the NPBRT, or simply use model output to evaluate non-consumptive needs on tributaries explicitly included in the model.

#### *Approach*

**Task 3.1: Consumptive Needs Constraints and Opportunities.** Compare the current and projected consumptive needs defined in Task 2 to the agricultural, municipal, livestock, and reservoir demands currently included in the NPDSS models. Discuss the level of implementation desired by the NPBIP Working Group to reflect these needs in the model with sufficient detail to understand the location and extent of current and projected constraints and opportunities. Implement the model revisions as appropriate, and provide the NPBIP Working Group a summary of the model results for variable hydrologic conditions.

In addition to constraints or opportunities due to hydrological, legal, and operational conditions as identified by the model results, Wilson Water Group will work with the NPBIP Working Group to identify Interstate and transbasin decrees, or operational issues that may impact the constraint or opportunity evaluation. Wilson Water Group will tailor the summary result presentation in terms of the Basin Goals and Measureable Outcomes as they pertain to consumptive needs, noting that constraints and opportunities identified for consumptive needs may also impact or benefit non-consumptive needs.

**Task 3.2: Non-Consumptive Needs Constraints and Opportunities.** Determine the current or projected non-consumptive needs defined in Task 2 that can be assessed using the existing NPDSS model. This determination involves overlaying mapping of the non-consumptive needs to determine if the tributaries/stream reaches are explicitly reflected in the NPDSS models. If the tributaries/stream reaches or lake/reservoir are reflected in the model, the model output of streamflow conditions, reservoir contents, and consumptive demands within the reach can be used



to determine the constraint on a non-consumptive need. Discuss the options and level of implementation desired by the NPBIP Working Group to reflect the tributaries/stream reaches or lake/reservoirs for analysis of the non-consumptive needs. Implement the model revisions as appropriate, and provide the NPBIP Working Group a summary of the model results for variable hydrologic conditions.

In addition to constraints or opportunities due to hydrological, legal, and operational conditions as identified by the model results, Wilson Water Group will work with the NPBIP Working Group to identify jurisdictional conflicts, regulatory constraints, or other recreational or environmental issues that may impact the constraint or opportunity evaluation. Wilson Water Group will tailor the summary result presentation in terms of the Basin Goals and Measureable Outcomes as they pertain to non-consumptive needs.

**Task 3.3: Constraint and Opportunity Mapping and Summary.** Develop final list, with supporting mapping and quantitative analysis data, for consumptive and non-consumptive needs constraints and opportunities for inclusion in *Section 3.1* of the report.

The constraint and opportunity analysis performed in Tasks 3.1 and 3.2 will include a review of major water users in the basin, controlling structures, the portion of demands that are met vs. shortages, and water availability throughout the basin. Wilson Water Group will use the analysis to compile the following information in this task for inclusion in *Sections 3.2, 3.3* and *3.4* of the report.

- Major controlling structures/calling water rights within each Water District
- Period when general water administration begins and ends
- Irrigated Acreage
- Major reservoirs
- Major exports
- Interstate Compacts/Decrees within the basin or may affect the basin
- Location and magnitude of Consumptive and Non-consumptive Needs Shortages (supply vs. demand imbalances) under variable hydrologic conditions

#### *Deliverable*

- Enhanced NPDSS consumptive use and surface water allocation models. Note the standard NPDSS model documentation will not be updated; however enhancements will be captured in the NPBIP report and associated model input files.
- Mapping and summary products described in Task 3.3 that supports *Sections 3.1* through *3.4* of the NPBIP report.
- Meeting materials and information summaries for Working Group discussions, as appropriate.

#### **Task 4: Develop, Analyze, and Implement Projects and Methods (*supports Section 4, 5, 6*)**

This task is at the center of the NPBIP effort, in which Wilson Water Group will assist the NPBRT in assessing how the proposed projects and methods meet the consumptive and non-consumptive needs (i.e. “gap”), and the extent to which they meet the Basin Goals and Measureable Outcomes. Wilson Water Group will work closely with the NPBIP Working Group to finalize and prioritize a list of proposed

projects and methods to investigate in this task, and determine the appropriate method for implementing each project and method. Due to the efforts in Task 3, the enhanced NPDSS models will be the tool of choice; based on the SWSI North Platte Basin Report, it appears the NPDSS model could be used to analyze the proposed projects and methods. For example, the NPDSS surface water model could be enhanced to reflect the Town of Walden's water supply improvement project, including an analysis of the impact of diversion capacity improvements, alternate point to well change decree, and alternate reservoir operations to maximize the use of the Town's ownership in Walden Reservoir. The analysis of some project and methods may be more efficient with a different tool, and Wilson Water Group will recommend alternate tools if appropriate.

### *Approach*

**Task 4.1: Finalize List of Project and Methods and Document Impact on Needs.** Recommend a list of projects and methods that, based on our analyses, are estimated to meet consumptive and non-consumptive needs and the Basin Goals and Measureable Outcomes defined in Task 1, and that can feasibly be implemented in the basin. Discuss these recommendations with the NPBIP Working Group to develop a finalized list of projects and methods for inclusion in *Section 4* of the NPBIP report. Additionally, document the extent to which the final list of projects and methods will meet the consumptive and non-consumptive needs and the Basin Goals and Measureable Outcomes under variable hydrological conditions.

**Task 4.2: Develop Implementation Strategies.** Depending on the final projects and methods selected by the NPBRT, Wilson Water Group can assist the NPBIP Working Group with:

- Developing cost information (capital and O/M), potential partners, lead entity, volume of water, and timing for any new projects and methods that are added to the list.
- Identifying opportunities for multi-purpose/cooperative projects.
- Preparing materials (e.g. Education Action Plans) to support educational/outreach presentations at the BRT or IBCC level.
- Identifying funding mechanisms and strategies for implementing water supply projects and methods.
- Developing timelines for projects, with key tasks and milestones.

Any implementation strategies developed in this task will be documented for inclusion in *Section 5* of the NPBIP report.

### *Deliverable*

- NPDSS consumptive use and surface water allocation model scenarios reflecting the implementation and analysis of specific projects and methods. Note the standard NPDSS model documentation will not be updated; however enhancements will be clearly captured in the NPBIP report and associated model input files.
- Analysis and data summaries that support *Section 4* of the NPBIP report.
- Meeting materials and information summaries for Working Group discussions, as appropriate.

## Task 5: Develop the North Platte Basin Implementation Plan Report

The culmination of the effort undertaken in these tasks is the North Platte Basin Implementation Plan Report. The analyses, and much of the supporting documentation, will be completed in the previous tasks; therefore the effort in this task focuses on the compiling the data and documentation into the CWCB-recommended plan report format.

### *Approach*

Develop the NPBIP draft documentation for initial review by the NPBIP Working Group. Incorporate any comments, concerns, or revisions and develop the final documentation.

### *Deliverable*

Following is the recommended table of contents; some of the sections may not be pertinent to the NPBIP and, if so, will not be included.

#### *Executive Summary*

<i>Section 1</i>	<i>Basin Goals and Measurable Outcomes</i>
<i>Section 2</i>	<i>Evaluate Consumptive and Nonconsumptive Needs</i>
2.1	<i>Nonconsumptive Needs</i>
2.2	<i>Consumptive Needs</i>
<i>Section 3</i>	<i>Evaluate Consumptive &amp; Nonconsumptive Constraints and Opportunities</i>
3.1	<i>Current Basin Water Operations and Hydrology</i>
3.2	<i>Water Management and Water Administration (Optional)</i>
3.3	<i>Hydrologic Modeling (Optional)</i>
3.4	<i>Shortages Analysis</i>
<i>Section 4</i>	<i>Projects and Methods</i>
4.1	<i>Education, Participation &amp; Outreach</i>
4.2	<i>New Multi-Purpose, Cooperative, and Regional Projects and Methods</i>
4.3	<i>M&amp;I Projects and Methods (i.e. projects, conservation, reuse, drought planning)</i>
4.4	<i>Agricultural Projects and Methods</i>
4.5	<i>Non-consumptive Projects and Methods</i>
4.6	<i>Interbasin Project and Methods (optional)</i>
<i>Section 5</i>	<i>Implementation Strategies for the Projects and Methods</i>
<i>Section 6</i>	<i>How the Plan meets the Roundtables' Goals and Measurable Outcomes</i>

## Task 6: NPBRT Coordination Meetings

Wilson Water Group envisions very close coordination with the NPBRT throughout the project, beginning with a project kick-off meeting and culminating with the Basin Implementation Plan report. Throughout these efforts, Wilson Water Group will meet with the NPBRT as a whole to understand the perspectives of all the individuals on the BRT, provide progress updates, and present the final project results. Additionally, Wilson Water Group recommends more frequent meetings with a smaller working group to address specific plan tasks.

### Approach

In this task, Wilson Water Group is proposing the following meetings/workshops with the NPBRT:

- **Project Kick-off Meeting with NPBRT.** Ideally this meeting will be held in conjunction with a regularly scheduled BRT meeting, and result in a common understanding of the project scope, availability and source of project data, and schedule.
- **Progress Updates with NPBRT.** Attend the NPBRT meetings quarterly to provide a project status, summary of results to date, and summary of future efforts. The proposed budget reflects two Progress Update meetings.
- **Plan Development Meetings with NPBIP Working Group.** Meet as necessary with the NPBIP Working Group on project-specific tasks via conference calls or remote conferencing tools (e.g. GoTo Meeting). The proposed budget reflects an hour-long meeting each month.

### Deliverables

- Meeting materials, including progress updates and agendas.

### Task 7: JCWCD Grant Administration

Jackson County Water Conservancy District (JCWCD) will serve as the fiscal agent and administrator of this grant on behalf of the NPBRT. This task encompasses the responsibilities associated with JCWCD serving this role.

### Approach and Deliverables

In this task, JCWCD will perform several administrative tasks associated with the administration of the project budget and schedule; and application of the Colorado Water Conservation Board (CWCB) Water Supply Reserve Account (WSRA) grant; and review, approval, submittal of Wilson Water Group invoices for CWCB payment.

### Project Budget

The following table summarizes the estimated budget for each task, which Wilson Water Group feels can be completed within 16 to 18 weeks pending the availability of the NPBRT, NPBIP Working Group, and materials provided by the State or other consultants.

Project Task	Budget
Task 1: Basin Goals and Measureable Outcomes	\$ 7,500
Task 2: Evaluate Needs	\$ 10,000
Task 3: Evaluate Constraints and Opportunities	\$ 35,000
Task 4: Analyze Projects and Methods	\$ 30,000
Task 5: Develop NPBIP Report	\$ 10,000
Task 6: NPBRT Coordination Meetings	\$ 5,000
Task 7: JCWCD Grant Administration	\$ 10,000
<b>Total</b>	<b>\$ 107,500</b>

June 21, 2013

Kent Crowder  
Jackson County Water Conservancy District  
P.O. Box 1019  
Walden, Colorado 80480



RE: North Platte Basin Implementation Plan - Scope of Services

Kent,

Wilson Water Group is pleased to submit this proposal to assist the North Platte Basin Round Table (NPBRT) with the development of the North Platte Basin Implementation Plan (NPBIP). The proposed scope of services summarizes our approach to develop a NPBIP report that captures the goals and successfully meets the needs defined by the NPBRT. During the development of the plan, the Wilson Water Group will work closely with the full NPBRT as well as a smaller NPBRT working group comprised of NPBRT members.

Wilson Water Group staff worked closely with the NPBRT on the development of the North Platte Decision Support System, resulting in consumptive use and surface water allocation models for the North Platte basin. In addition, we assisted the NPBRT in assessing historical vs. current irrigable and irrigated acreage basin-wide in support of the North Platte River Basin Decree. Our extensive experience with the modeling tools, and our knowledge of basin-wide water related operations in the basin, allows us to easily analyze the feasibility of many proposed projects and methods to meet the future "gap" in the basin. The completed plan will ideally help the NPBRT proactively meet their water needs, and identify opportunities for future water development in the basin.

This proposed scope of services is structured to provide a report that meets the guidance provided by the Colorado Water Conservation Board in the Basin Implementation Plan Guidance Descriptive Outline. As such, the scope refers to the numbered sections set forth in the guidance document. Wilson Water Group will coordinate closely with the CWCB to ensure that the NPBIP will serve as an integral part of the forthcoming Colorado Water Plan and updates to the Statewide Water Supply Initiative.

We look forward to continuing to work closely with you to support your needs.

Sincerely,

Wilson Water Group LLC

A handwritten signature in blue ink, appearing to read "Erin M. Wilson".

Erin M. Wilson, P.E.  
Principal

A handwritten signature in blue ink, appearing to read "Kara Sobieski".

Kara Sobieski, P.E.  
Project Manager