

**Water Supply Reserve Fund
Water Activity Summary Sheet
September 16-17, 2020
Agenda Item 19(i)**

Applicant & Grantee: Owl Mountain Partnership
Water Activity Name: Jackson County Water Structure Improvement Project #3
Water Activity Purpose: Ag & Env/Rec-Implementation
County: Jackson
Drainage Basin: North Platte
Water Source: Willow Creek
Amount Requested: \$66,219 North Platte Basin Account
Matching Funds: Basin Account Match = \$36,612
• 55% of Basin Account request (meets 25% min)

Staff Recommendation:

Staff recommends approval of up to \$66,612 from the North Platte Basin Account to help fund the project: Jackson County Water Structure Improvement Project #3.
--

Water Activity Summary: WSRF Funds, if approved will assist The Owl Mountain Partnership to install and/or replace the following water control structures: a permanent headgate structure that will divert water out of Willow Creek and control flow in the Hanover Ditch, a permanent flume and measuring device to measure water in the Hanover Ditch, a permanent flume and measuring device to measure water in the Damfino Ditch, and a permanent flume and measuring device to measure water in the Sales Ditch. The Sales measuring device is located on Colorado State Land Board property. Owl Mountain Partnership has received consent from the Colorado State Land Board to install this project. These structures address both agricultural and environmental water needs in a cost effective and collaborative way, while providing irrigation water to multiple individuals that irrigate over 600 acres of hay and pasture land in Jackson County. The irrigation water also creates irrigation induced wetlands and riparian areas that provide habitat for many wildlife species as well as multiple recreational opportunities.

Discussion: This effort will assist the North Platte Basin Roundtable achieve their goal to continue to restore, maintain, and modernize critical water infrastructure to preserve current uses and increase efficiencies (NPBIP 2015, pg. 2; CWP 2019, pg. 109) as called for in the North Platte Basin Implementation Plan.

Issues/Additional Needs: None

Eligibility Requirements: The application meets requirements of all eligibility components.

Evaluation Criteria: Staff has determined this activity satisfies the Evaluation Criteria.

Funding Sources/Match	Cash	In-kind	Total	Status
NRCS	\$26,704	\$0	\$26,704	Secured
Brundage Land & Cattle Company	\$7,900	\$0	\$7,900	Secured
VanValkenberg Cattle Company	\$888	\$0	\$888	Secured
Edward Hamill	\$1,120	\$0	\$1,120	Secured
Sub-total	\$36,612	\$0	\$36,612	
WSRF North Platte Account	\$66,219	\$0	\$66,219	Secured
Total Project Costs	\$102,831	\$0	\$102,831	

CWCB Project Manager: Craig Godbout

Mr. Craig Godbout

CWCB

Craig,

The North Platte Basin Roundtable voted unanimously to approve the Hanover head gate and measuring flume on July 7th 2020 .

The basin account request is for \$54,509 dollars.

The project is good for both agriculture and environmental needs 600 acres of hay ground and many acres of wetlands for wildlife.

This project is in line with basin and state water plan goals.

Thank you,

Ty Wattenberg chair

Mr. Craig Godbout

CWCB

Craig,

The North Platte Basin Roundtable voted unanimously to approve the Damfino measuring flume project on July 7th 2020.

Basin account request is for \$5,161 dollars.

This project is to measure water which is in line with basin and state water plan goals.

Thank you,

Ty Wattenberg chair

Mr. Craig Godbout

CWCB

Craig,

The North Platte Basin Roundtable voted unanimously to approve the Sales Ditch measuring flume on July 7th 2020.

Basin account request is for \$6,549 dollars.

This is a water measuring project and is in line with basin and state water plan goals.

Thank you,

Ty Wattenberg chair



Last Update: July 31, 2018

Colorado Water Conservation Board
Water Supply Reserve Fund Grant Application

Instructions
<p>All WSRF grant applications shall conform to the current 2016 WSRF Criteria and Guidelines.</p> <p>To receive funding from the WSRF, a proposed water activity must be recommended for approval by a Roundtable(s) AND the Colorado Water Conservation Board (CWCB). The process for Roundtable consideration and recommendation is outlined in the 2016 WSRF Criteria and Guidelines. The CWCB meets bimonthly according to the schedule on page 2 of this application.</p> <p>If you have questions, please contact the WSRF Grant Program Manager (for all Roundtables):</p> <p style="text-align: center;"> Craig Godbout craig.godbout@state.co.us 303-866-3441 x3210 (office) 303-547-8061 (cell) </p>

WSRF Submittal Checklist (Required)	
x	I acknowledge this request was recommended for CWCB approval by the sponsoring roundtable.
x	I acknowledge I have read and understand the 2016 WSRF Criteria and Guidelines .
x	I acknowledge the Grantee will be able to contract with CWCB using the Standard Contract . ⁽¹⁾
Application Documents	
x	Exhibit A: Statement of Work ⁽²⁾ (<i>Word – see Template</i>)
x	Exhibit B: Budget & Schedule ⁽²⁾ (<i>Excel Spreadsheet – see Template</i>)
x	Letters of Matching and/or Pending 3 rd Party Commitments ⁽²⁾
x	Map ⁽²⁾
	Photos/Drawings/Reports
	Letters of Support
Contracting Documents ⁽³⁾	
	Detailed/Itemized Budget ⁽³⁾ (<i>Excel Spreadsheet – see Template</i>)
	Certificate of Insurance ⁽⁴⁾ (<i>General, Auto, & Workers' Comp.</i>)
	Certificate of Good Standing ⁽⁴⁾
	W-9 Form ⁽⁴⁾
	Independent Contractor Form ⁽⁴⁾ (<i>If applicant is individual, not company/organization</i>)
	Electronic Funds Transfer (ETF) Form ⁽⁴⁾

(1) Click "Grant Agreements". For reference only/do not fill out or submit/required for contracting

(2) Required with application if applicable.

(3) Additional documentation providing a Detailed/Itemized Budget maybe required for contracting. Applicants are encouraged to coordinate with the CWCB Project Manager to determine specifics.

(4) Required for contracting. While optional at the time of this application, submission can expedite contracting upon CWCB Board approval.



Last Update: July 31, 2018

Schedule		
CWCB Meeting	Application Submittal Dates	Type of Request
January	December 1	Basin Account; BIP
March	February 1	Basin/Statewide Account; BIP
May	April 1	Basin Account; BIP
July	June 1	Basin Account; BIP
September	August 1	Basin/Statewide Account; BIP
November	October 1	Basin Account/BIP

Desired Timeline	
Desired CWCB Hearing Month:	September
Desired Notice to Proceed Date:	September 2020

Water Activity Summary	
Name of Applicant	Owl Mountain Partnership
Name of Water Activity	Jackson County Water Structure Improvement Project #3
Approving Roundtable(s)	Basin Account Request(s) ⁽¹⁾
North Platte Basin Round Table	\$66,219
Basin Account Request Subtotal	\$66,219
Statewide Account Request ⁽¹⁾	\$0.00
Total WSRF Funds Requested (Basin & Statewide)	\$66,219
Total Project Costs	\$102,831

(1) Please indicate the amount recommended for approval by the Roundtable(s)



Last Update: July 31, 2018

Grantee and Applicant Information	
Name of Grantee(s)	Owl Mountain Partnership (OMP)
Mailing Address	P.O. Box 737 Walden, CO. 80480
FEIN	20-1481796
Grantee's Organization Contact ⁽¹⁾	Pat VanValkenburg
Position/Title	Co-Chairman
Email	Pvan661@yahoo.com cc: debbi.heeney@usda.gov Cc: mdalpe@centurytel.net
Phone	(H) 970-723-4774 (C) 970-846--5153
Grant Management Contact ⁽²⁾	Debbie Alpe/Kendall Ray
Position/Title	Administrators
Email	Debbie Alpe: mdalpe@centurytel.net Kendall Ray: Silverberg4@gmail.com cc: Debbie Heeney: debbi.heeney@usda.gov
Phone	Debbie Alpe: 970-846-1719 Kendall Ray: 970-219-3560
Name of Applicant (if different than grantee)	
Mailing Address	
Position/Title	
Email	
Phone	

(1) Person with signatory authority

(2) Person responsible for creating reimbursement invoices (Invoice for Services) and corresponding with CWCB staff.

Description of Grantee
Provide a brief description of the grantee's organization (100 words or less).
<p>The Owl Mountain Partnership (OMP) formed in 1993 as an offshoot of the Colorado Division of Wildlife's Habitat Partnership Program. Their overall mission is based on the five fundamentals of ecosystem management and is "to serve the economic, cultural, and social needs of the community, while developing adaptive long-term landscaped management programs, policies, and practices that ensure ecosystem sustainability." The partnership's steering committee consists of both private landowners, and federal and state agency personnel. OMP is a registered, non-profit corporation in the state of Colorado. This allows the partnership to receive monies from federal, state and private entities.</p>



Last Update: July 31, 2018

Type of Eligible Entity (check one)	
	Public (Government): municipalities, enterprises, counties, and State of Colorado agencies. Federal agencies are encouraged to work with local entities. Federal agencies are eligible, but only if they can make a compelling case for why a local partner cannot be the grant recipient.
	Public (Districts): authorities, Title 32/special districts (conservancy, conservation, and irrigation districts), and water activity enterprises
	Private Incorporated: mutual ditch companies, homeowners associations, corporations
	Private Individuals, Partnerships, and Sole Proprietors: are eligible for funding from the Basin Accounts but not for funding from the Statewide Account.
x	Non-governmental organizations: broadly, any organization that is not part of the government
	Covered Entity: as defined in Section 37-60-126 Colorado Revised Statutes

Type of Water Activity (check one)	
	Study
x	Implementation

Category of Water Activity (check all that apply)		
x	Nonconsumptive (Environmental)	
x	Nonconsumptive (Recreational)	
x	Agricultural	
	Municipal/Industrial	
	Needs Assessment	
	Education & Outreach	
	Other	Explain:

Location of Water Activity	
Please provide the general county and coordinates of the proposed activity below in decimal degrees . The Applicant shall also provide, in Exhibit C, a site map if applicable.	
County/Countries	Jackson
Latitude	** Reference: the attached Project Location Map for structure locations on each ditch
Longitude	** Reference: the attached Project Location Map for structure locations on each ditch



Last Update: July 31, 2018

Water Activity Overview

Please provide a summary of the proposed water activity (200 words or less). Include a description of the activity and what the WSRF funding will be used for specifically (e.g. studies, permitting, construction). Provide a description of the water supply source to be utilized or the water body affected by the activity. Include details such as acres under irrigation, types of crops irrigated, number of residential and commercial taps, length of ditch improvements, length of pipe installed, area of habitat improvements. If this project addresses multiple purposes or spans multiple basins, please explain. The Applicant shall also provide, in Exhibit A, a detailed Statement of Work, Budget, and Schedule.

The Owl Mountain Partnership proposes to install and/or replace the following water control structures: a permanent headgate structure that will divert water out of Willow Creek and control flow in the Hanover Ditch, a permanent measuring device to measure water in the Hanover Ditch, a permanent measuring device to measure water in the Damfino Ditch, and a permanent measuring device to measure water in the Sales Ditch. The Sales measuring device is located on Colorado State Land Board property. We have received consent from the Colorado State Land Board to install this project. All structures are ag-exempt regarding Corp of Engineer permitting.

The structures address both agricultural and environmental water needs in a cost effective and collaborative way, while providing irrigation water to multiple individuals that irrigate over 600 acres of hay and pasture land in Jackson County. The irrigation water also creates irrigation induced wetlands and riparian areas that provide habitat for many wildlife species as well as multiple recreational opportunities.

Ninety four percent of the requested WSRA funds will be used in the actual construction and installation of these shovel ready structures. The remaining six percent of the requested funds will be used for the clerical/administration costs associated with the project.

Measurable Results

To catalog measurable results achieved with WSRF funds please provide any of the following values.

na	New Storage Created (acre-feet)	
na	New Annual Water Supplies Developed or Conserved (acre-feet), Consumptive or Nonconsumptive	
na	Existing Storage Preserved or Enhanced (acre-feet)	
na	Length of Stream Restored or Protected (linear feet)	
Estimated 10% efficiency savings in the control and use of the 78 cfs that is utilized for irrigation purposes.	Efficiency Savings (indicate acre-feet/year OR dollars/year)	
Approximately 600 acres	Area of Restored or Preserved Habitat (acres)	
na	Length of Pipe/Canal Built or Improved (linear feet)	
78 cfs will be assured for future use	Other	Explain: Two of the measuring flumes, Damfino and Sales, must be installed to prevent water right abandonment.

Last Update: July 31, 2018

Water Activity Justification

Provide a description of how this water activity supports the goals of [Colorado's Water Plan](#), the most recent [Statewide Water Supply Initiative](#), and the respective [Roundtable Basin Implementation Plan and Education Action Plan](#) ⁽¹⁾. The Applicant is required to reference specific needs, goals, themes, or Identified Projects and Processes (IPPs), including citations (e.g. document, chapters, sections, or page numbers).

For applications that include a request for funds from the Statewide Account, the proposed water activity shall be evaluated based upon how well the proposal conforms to Colorado's Water Plan criteria for state support (CWP, Section 9.4, pp. 9-43 to 9-44;) (Also listed pp. 4-5 in [2016 WSRF Criteria and Guidelines](#)).

Colorado's Water Plan (CWP) aims to close the gap between projected supply and demand in each basin, while also addressing the effects of a changing climate on our water resources (CWP 2019, pg. 1). In effort to support the goals of CWP, one of the goals for the North Platte Basin (NPB) is to continue to restore, maintain, and modernize critical water infrastructure to preserve current uses and increase efficiencies (NPBIP 2015, pg. 2; CWP 2019, pg. 109). In effort to meet this goal, the NPB seeks to identify specific locations where infrastructure requires improvement or replacement to preserve or maximize existing uses (NPBIP 2015, pg. 21; CWP 2019, pg. 109-113).

The North Platte BIP identifies parcels of historically irrigated or potentially irrigable land that may be irrigated in the future if infrastructure improvements are made and water rights secured. Altogether, the North Platte BIP identified seven planned agricultural development projects throughout the basin that totalled a potential increase of 10,576 irrigable acres (CWP 2019, pg. 112). These additional irrigable acres will increase agricultural diversion demand in the future. Although some technology improvements may occur, climate impacts will serve to increase the agricultural gap by 8 to 16 percent. Annual agricultural gaps can vary significantly and are more pronounced in dry years (CWP 2019, pg. 116). The Owl Mountain Partnership has identified multiple sites for infrastructure improvement and is proposing to: install and/or replace four water control structures if awarded this grant funding.

In many cases restoration or modernization efforts serve to address multiple purposes, such as improved diversion reliability and accuracy, lower maintenance costs, the potential addition of hydropower generation, and improved fish passage (NPBIP 2015, pg.21). Each of the proposed structures is critical in maintaining the delivery of existing irrigation water to storage and/or currently irrigated land. Complete failure of these structures will result in decreased irrigation efficiency and irrigated acreage within the watershed. Replacing and/or installing new structures will allow the water users to safely, more effectively and more efficiently control and regulate the amount of water in each of their associated ditches.

The North Platte Basin includes about 0.02 percent of the statewide population. Between the years 2015 and 2050, it is projected to change from approximately 1,400 to between 1,100 and 1,500 people in the low and high growth projections, respectively. This ranges from a 22 percent decrease in population to an increase of 8 percent (CWP 2019, pg. 113). With a potential increase of 10,576 irrigable acres recognized, investing in irrigation efficiency improvements is necessary for NPB agriculture now and into the future. Installing these improved structures will not only help to maintain our current agriculture economic base, but they will help to meet the identified consumptive need of increasing irrigated acres and storage within the county. Improved water efficiency and control is a benefit to all consumptive and associated non-consumptive uses of irrigation water.

Another one of the NPB goals is to maintain healthy rivers and wetlands through the strategic implementation of projects that meet prioritized non-consumptive needs (NPBIP 2015, pg. 2; CWP 2019, pg. 109). Healthy rivers have always been a critical component to the economy and way of life in the NPB. The new proposed headgate structure will be permanent and will reduce seasonal damage to the stream and ditch banks, thereby resulting in less erosion and sediment discharge into the stream.

The NPB Roundtable stands to build on their prioritization of non-consumptive water needs by further



Last Update: July 31, 2018

Water Activity Justification

focusing on water project efforts (NPBIP 2015, pg. 22; CWP 2019, pg. 109). The proposed structures address both the consumptive and non-consumptive water needs in a cost-effective and collaborative way. In addition to irrigating the highly valuable hayland, the irrigation water also creates irrigation-induced wetlands and riparian areas that provide habitat for many species of big game, waterfowl and upland birds, including the Greater Sage Grouse. The ditches, wetlands and riparian areas also provide a variety of recreational opportunities for those whom live in and visit Jackson County.

Literature Cited:

North Platte Basin Implementation Plan (NPBIP) 2015

Analysis and Technical Update to the Colorado's Water Plan (CWP). 2019. Available at <https://www.colorado.gov/pacific/cowaterplan/analysis-and-technical-update>

(1) Access Basin Implementation Plans or Education Action Plans from Basin drop down menu.

Matching Requirements: Basin Account Requests

Basin (only) Account grant requests require a 25% match (cash and/or in-kind) from the Applicant or 3rd party and shall be accompanied by a **letter of commitment** as described in the 2016 WSRF Criteria and Guidelines (submitted on the contributing entity's letterhead). Attach additional sheet if necessary.

Contributing Entity	Amount and Form of Match (note cash or in-kind)



Last Update: July 31, 2018

Matching Requirements: Basin Account Requests	
NRCS Contribution (Cash)	\$26,704
Brundage Land and Cattle Co. (Cash)	\$ 7,900
VanValkenburg Cattle Co. (Cash)	\$ 888
Edward Hamill (Cash)	\$ 1,120
Total Match	\$ 36,612
If you requested a Waiver to the Basin Account matching requirements, indicate the percentage you wish waived.	

Matching Requirements: Statewide Account Requests	
<p>Statewide Account grant requests require a 50% match as described in the 2016 WSRF Criteria and Guidelines. A minimum of 10% match shall be from Basin Account funds (cash only). A minimum of 10% match shall be provided by the applicant or 3rd party (cash, in-kind, or combination). The remaining 30% of the required match may be provided from any other source (Basin, applicant, or 3rd party) and shall be accompanied by a letter of commitment. Attach additional sheet if necessary.</p>	
Contributing Entity	Amount and Form of Match (note cash or in-kind):
na	
Total Match	\$
If you requested a Waiver to the Statewide Account matching, indicate % you wish waived. (Max 50% reduction of requirement).	

Related Studies
Please provide a list of any related studies, including if the water activity is complimentary to or assists in the implementation of other CWCB programs.



Last Update: July 31, 2018

Previous CWCB Grants

--

Tax Payer Bill of Rights

The Tax Payer Bill of Rights (TABOR) may limit the amount of grant money an entity can receive. Please describe any relevant TABOR issues that may affect the applicant.

Although the Owl Mountain Partnership is subject to the Tabor Act, it will not exceed the permitted acceptable fund limits during the life of the WSRF monies.



Last Update: March 17, 2020

<https://cwcb.colorado.gov/>

Colorado Water Conservation Board	
Water Supply Reserve Fund	
<u>Exhibit A - Statement of Work</u>	
Date:	June 23, 2020
Water Activity Name:	Jackson County Water Structure Improvement Project #3
Grant Recipient:	Owl Mountain Partnership (OMP)
Funding Source:	CWCB: Water Supply Reserve Fund OTHER: National Resources Conservation Service (NRCS); Private Land Water Users
Water Activity Overview: (Please provide brief description of the proposed water activity (no more than 200 words). Include a description of the overall water activity and specifically what the WSRF funding will be used for. (PLEASE DEFINE ALL ACRONYMS).)	
<p><i>Hanover Ditch-Construction</i> This section of the project will replace an old dilapidated headgate structure and a measuring flume that currently exists on the Hanover Ditch with a new NRCS approved headgate and measuring device.</p> <p><i>Damfino Ditch-Construction</i> This section of the project will replace an old dilapidated measuring flume that currently exists on the Damfino Ditch with a new NRCS approved headgate and measuring device.</p> <p><i>Sales Ditch-Construction</i> This section of the project will replace an old dilapidated measuring flume that currently exists on the Sales Ditch with a new NRCS approved headgate and measuring device.</p> <p><i>Owl Mountain Partnership Grant Administration</i> Six percent of the money requested from the North Platte Basin Roundtable will be used for administration purposes, the remaining dollars requested will go directly toward materials and installation costs.</p>	
Objectives: (List the objectives of the project. (PLEASE DEFINE ACRONYMS).)	
<ul style="list-style-type: none"> • To safely, effectively, and efficiently control and regulate irrigation water. • To reduce irrigation water induced erosion and sediment movement. • To improve irrigation water management. • To create irrigation induced wetlands and riparian areas for wildlife habitat. 	



Last Update: March 17, 2020

<https://cwcb.colorado.gov/>

Tasks
Provide a detailed description of each task using the following format: (PLEASE DEFINE ACRONYMS)
<u>Task 1 – Hanover Ditch-Construction</u>
Description of Task:
<p>Improvements to the Hanover Ditch include:</p> <ul style="list-style-type: none"> • Installation of a new headgate and flume.
Method/Procedure:
<p>NRCS will perform a site visit and determine if the structure was both needed and feasible. NRCS will also complete a survey and design for the structure and provide a set of plans to OMP, landowner, and the selected contractor.</p> <p>The contractor will be responsible for completing the project in accordance with the NRCS approved plans and specifications. The contractor will determine actual construction means and methods and will supply all necessary equipment, tools, facilities, field offices, materials, supplies, labor, and other items necessary to complete the work. NRCS will be available for any questions regarding materials and/or installation.</p> <p>NRCS will perform a field visit to inspect and certify that the structures are complete as per the NRCS engineered design and that they meet NRCS’s standards and specifications.</p>
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
<p>Upon completion of Task 1., an installed and fully functional headgate and measuring device will be installed as per NRCS’s delivered design and fully meeting NRCS’s standards and specifications.</p>
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
<p>OMP will provide CWCB copies of: design and bid documents, construction documentation (periodic construction progress reports, change orders, meeting notes, schedule summaries), as-constructed drawings, and evidence of the NRCS certification of the project.</p>

Repeat for Task 2, Task 3, Task 4, etc.



Last Update: March 17, 2020

<https://cwcb.colorado.gov/>

Tasks
Provide a detailed description of each task using the following format: (PLEASE DEFINE ACRONYMS)
<u>Task 2 – Damfino Ditch-Construction</u>
Description of Task:
<p>Improvements to the Damfino Ditch include:</p> <ul style="list-style-type: none"> • Installation of a new flume.
Method/Procedure:
<p>NRCS will perform a site visit and determine if the structure was both needed and feasible. NRCS will also complete a survey and design for the structure and provide a set of plans to OMP, landowner, and the selected contractor.</p> <p>The contractor will be responsible for completing the project in accordance with the NRCS approved plans and specifications. The contractor will determine actual construction means and methods and will supply all necessary equipment, tools, facilities, field offices, materials, supplies, labor, and other items necessary to complete the work. NRCS will be available for any questions regarding materials and/or installation.</p> <p>NRCS will perform a field visit to inspect and certify that the structures are complete as per the NRCS engineered design and that they meet NRCS’s standards and specifications.</p>
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
<p>Upon completion of Task 2., an installed and fully functional measuring device will be installed as per NRCS’s delivered design and fully meeting NRCS’s standards and specifications.</p>
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
<p>OMP will provide CWCB copies of: design and bid documents, construction documentation (periodic construction progress reports, change orders, meeting notes, schedule summaries), as-constructed drawings, and evidence of the NRCS certification of the project.</p>



Last Update: March 17, 2020

<https://cwcb.colorado.gov/>

Tasks
Provide a detailed description of each task using the following format: (PLEASE DEFINE ACRONYMS)
<u>Task 3 – Sales Ditch-Construction</u>
Description of Task:
<p>Improvements to the Sales Ditch include:</p> <ul style="list-style-type: none"> • Installation of a new flume.
Method/Procedure:
<p>NRCS will perform a site visit and determine if the structure was both needed and feasible. NRCS will also complete a survey and design for the structure and provide a set of plans to OMP, landowner, and the selected contractor.</p> <p>The contractor will be responsible for completing the project in accordance with the NRCS approved plans and specifications. The contractor will determine actual construction means and methods and will supply all necessary equipment, tools, facilities, field offices, materials, supplies, labor, and other items necessary to complete the work. NRCS will be available for any questions regarding materials and/or installation.</p> <p>NRCS will perform a field visit to inspect and certify that the structures are complete as per the NRCS engineered design and that they meet NRCS’s standards and specifications.</p>
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
<p>Upon completion of Task 3., an installed and fully functional measuring device will be installed as per NRCS’s delivered design and fully meeting NRCS’s standards and specifications.</p>
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
<p>OMP will provide CWCB copies of: design and bid documents, construction documentation (periodic construction progress reports, change orders, meeting notes, schedule summaries), as-constructed drawings, and evidence of the NRCS certification of the project.</p>



Last Update: March 17, 2020

<https://cwcb.colorado.gov/>

Tasks
Provide a detailed description of each task using the following format: (PLEASE DEFINE ACRONYMS)
<u>Task 4 - Owl Mountain Partnership Grant Administration</u>
<p>Description of Task:</p> <p>OMP will provide grant support including: grant reporting requirements, progress reports, compliance with insurance and other regulations, processing of invoices, payments, and grant pay requests.</p>
<p>Method/Procedure:</p> <p>OMP will be the Project’s point of contact for CWCB staff. OMP will perform site visits, carryout the WSRF Grant’s reporting requirements to CWCB, and manage budgets and reimbursement requests. OMP’s administration fee will be charged at 6% of WSRF funds disbursed under Tasks 1, 2 and 3.</p>
<p>Grantee Deliverable: (Describe the deliverable the grantee expects from this task)</p> <p>Upon completion of Task 4., OMP will have completed the requirements of the CWCB</p>
<p>CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)</p> <p>OMP will provide CWCB copies of overall Progress Reports and the Final Report as described under Reporting Requirements” section of this Statement of Work.</p>

Last Update: March 17, 2020

<https://cwcb.colorado.gov/>

Budget and Schedule

Exhibit B - Budget and Schedule: This Statement of Work shall be accompanied by a combined [Budget and Schedule](#) that reflects the Tasks identified in the Statement of Work and shall be submitted to CWCB in [excel format](#). A separate [excel formatted](#) Budget is required for engineering costs to include rate and unit costs.

Reporting Requirements

Progress Reports: The grantee shall provide the CWCB a progress report every 6 months, beginning from the date of issuance of a purchase order, or the execution of a contract. The progress report shall describe the status of the tasks identified in the statement of work, including a description of any major issues that have occurred and any corrective action taken to address these issues. The CWCB may withhold reimbursement until satisfactory progress reports have been submitted.

Final Report: At completion of the project, the grantee shall provide the CWCB a Final Report on the grantee's letterhead that:

- Summarizes the project and how the project was completed.
- Describes any obstacles encountered, and how these obstacles were overcome.
- Confirms that all matching commitments have been fulfilled.
- Includes photographs, summaries of meetings and engineering reports/designs.

Payments

Payment will be made based on actual expenditures, must include invoices for all work completed and must be on grantee's letterhead. The request for payment must include a description of the work accomplished by task, an estimate of the percent completion for 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 CWCB will pay the last 10% of the entire water activity budget when the Final Report is completed to the satisfaction of CWCB staff. Once the Final Report has been accepted, and final payment has been issued, the water activity and purchase order or contract will be closed without any further payment. Any entity that fails to complete a satisfactory Final Report and submit to CWCB within 90 days of the expiration of a purchase order or contract may be denied consideration for future funding of any type from CWCB.

Performance Requirements

Performance measures for this contract shall include the following:

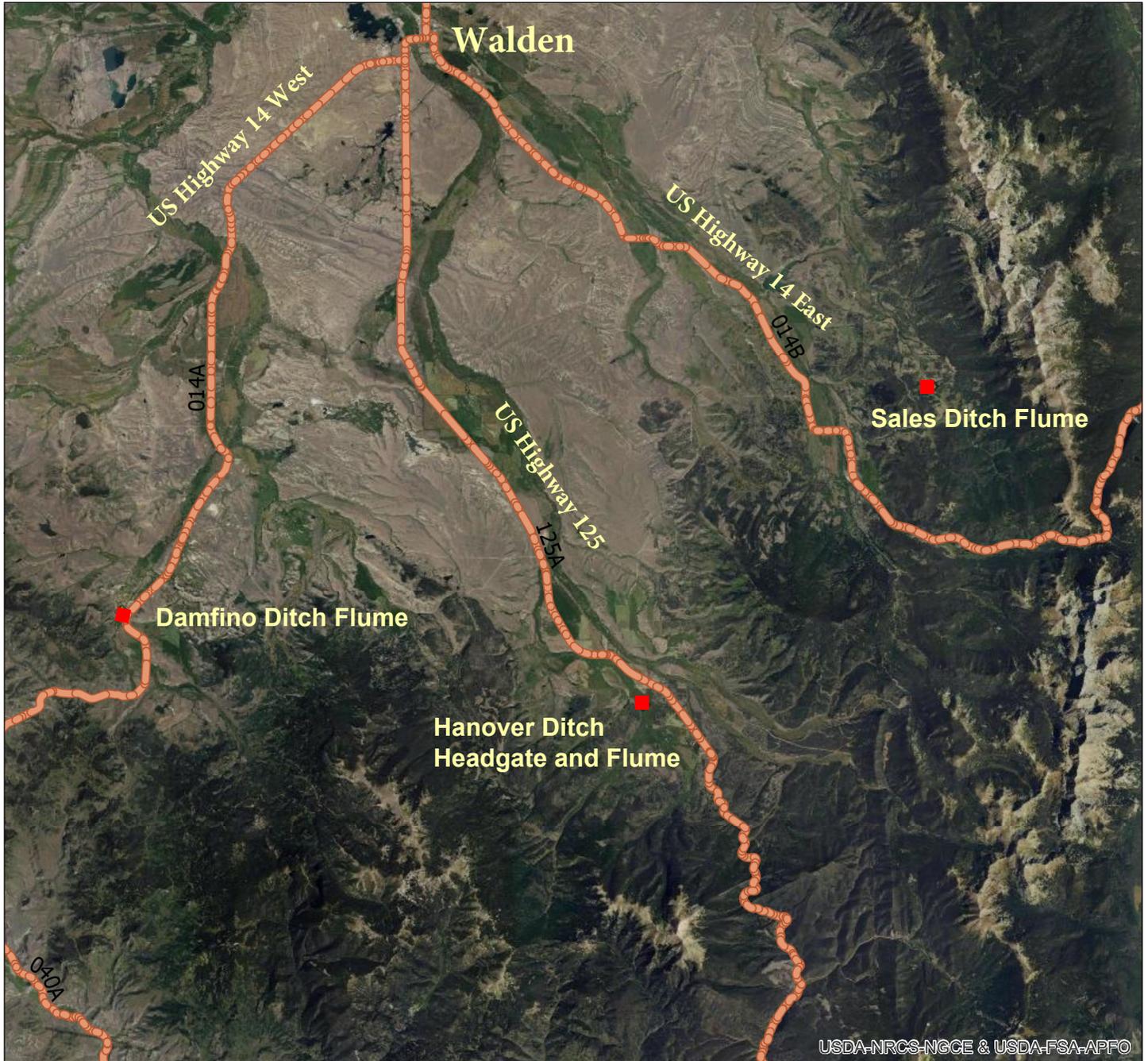
(a) Performance standards and evaluation: Grantee will produce detailed deliverables for each task as specified. Grantee shall maintain receipts for all project expenses and documentation of the minimum in-kind contributions (if applicable) per the budget in Exhibit B. Per Grant Guidelines, the CWCB will pay out the last 10% of the budget when the final deliverable is completed to the satisfaction of CWCB staff. Once the final deliverable has been accepted, and final payment has been issued, the purchase order or grant will be closed without any further payment.

(b) Accountability: Per the Grant Guidelines full documentation of project progress must be submitted with each invoice for reimbursement. Grantee must confirm that all grant conditions have been complied with on each invoice. In addition, per the Grant Guidelines, Progress Reports must be submitted at least once every 6 months. A Final Report must be submitted and approved before final project payment.

(c) Monitoring Requirements: Grantee is responsible for ongoing monitoring of project progress per Exhibit A. Progress shall be detailed in each invoice and in each Progress Report, as detailed above. Additional inspections or field consultations will be arranged as may be necessary.

(d) Noncompliance Resolution: Payment will be withheld if grantee is not current on all grant conditions. Flagrant disregard for grant conditions will result in a stop work order and cancellation of the Grant Agreement.

Jackson County Water Structure Improvement Project (3) Location Map of Project Sites



0 4.56
Miles

Prepared with assistance from USDA-Natural Resources Conservation Service



Brundage Land and Cattle Co.

7837 S. Perry Park Road, Larkspur, CO. 80118

Colorado Water Conservation Board

1313 Sherman St. Room 721

Denver, CO. 80203

Attn: Water Supply Reserve Fund – Craig Godbout

Re: Owl Mountain Partnership's Jackson County Water Structure Improvement Project (3)

DEAR COLORADO WATER CONSERVATION BOARD,

Brundage Land and Cattle Co. and the Natural Resources Conservation Service (NRCS) will be contributing the following matching dollars toward the Hanover ditch project in the form of cash.

- Brundage Land and Cattle Co. \$7,900.00
- NRCS \$19,677.00

Attached is a copy of the Conservation Program Contract Agreement between NRCS and Brundage Land and Cattle Co. as proof of their contribution toward the project.

Thank you for your assistance with the costs of this conservation practice.

Sincerely,

A handwritten signature in black ink that reads "BR Brundage". The initials "BR" are written in a large, bold, stylized font, followed by the name "Brundage" in a cursive script.

Brundage Land and Cattle Co.

VanValkenburg Cattle Co. LLC.
12353 Highway 14, Coalmont Co. 80430

Colorado Water Conservation Board
1313 Sherman St. Room 721
Denver, CO. 80203
Attn: Water Supply Reserve Fund – Craig Godbout
Re: Owl Mountain Partnership's Jackson County Water Structure Improvement Project (3)

DEAR COLORADO WATER CONSERVATION BOARD,

VanValkenburg Cattle Co. LLC and the Natural Resources Conservation Service (NRCS) will be contributing the following matching dollars toward the Damfino ditch project in the form of cash.

- VanValkenburg Cattle Co. LLC. \$888.20
- NRCS \$3,125.00

Attached is a copy of the Conservation Program Contract Agreement between NRCS and VanValkenburg Cattle Co. LLC. as proof of their contribution toward the project.

Thank you for your assistance with the costs of this conservation practice.

Sincerely,

Chris Van Valkenburg
Van Valkenburg Cattle Co. LLC, Manitou
VanValkenburg Cattle Co. LLC.

Edward Hamill

P.O. Box 201, Wellington CO. 80549

Colorado Water Conservation Board

1313 Sherman St. Room 721

Denver, CO. 80203

Attn: Water Supply Reserve Fund – Craig Godbout

Re: Owl Mountain Partnership's Jackson County Water Structure Improvement Project (3)

DEAR COLORADO WATER CONSERVATION BOARD,

Edward Hamill and the Natural Resources Conservation Service (NRCS) will be contributing the following matching dollars toward the Sales ditch project in the form of cash.

- Edward Hamill \$1,120.00
- NRCS ~~\$3,902.00~~

Attached is a copy of the Conservation Program Contract Agreement between NRCS and Edward Hamill as proof of their contribution toward the project.

Thank you for your assistance with the costs of this conservation practice.

Sincerely,

A handwritten signature in cursive script that reads "Edward Hamill". The signature is written in black ink and is positioned above the printed name.

Edward Hamill

NRCS PROOF OF MATCH

US DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE		CONSERVATION PLAN OR SCHEDULE OF OPERATIONS		NRCS-CPA-1155 03/2019	
PARTICIPANT VANVALKENBURG CATTLE COLLIC DAHFINO DITCH		COUNTY AND STATE JACKSON County, CO	PROGRAM AND CONTRACT NUMBER EQIP 2018 748B0520090	SUBACCOUNT TCP - High Mountain Flood Irrigation	
LAND UNITS OR LEGAL DESCRIPTION Farm:16 Tract(s):436.		WATERSHED Middle Grizzly Creek	ACRES 385.4	EXPIRATION DATE 12/31/2022	

Contract Items 1: Structure for Water Control(587) Practice Lifespan: 20 years Status: Planned 2021

A permanent water control structure to control the stage, discharge, distribution, delivery and or direction of water flow in a water management system. Practice planning, application, and operation and maintenance, will be consistent with Colorado 587 Structure for Water Control, Conservation Practice Standard planning criteria. Refer to the Colorado 587 Structure for Water Control, Construction Specification, for site-specific application requirements. Completion of a Colorado 587 Structure for Water Control, Practice Documentation Requirements Checklist, is required. Refer to the Colorado 587 Structure for Water Control, Operation and Maintenance Plan, for site-specific operation and maintenance requirements.

Fields:
Tract: 436 Fields: 8;

Contract Item	Planned Conservation Treatment	Planned Amount	Unit Cost	Cost Share Rate/Method	COMPLETION SCHEDULE AND ESTIMATED COST-SHARE OR PAYMENT BY YEAR		
					2020 \$	2021 \$	2022 \$
1a	Structure for Water Control(587) Steel Fabrication	1 No 1255 Lb	\$2.4900/ Lb	PR ¹	3,125	3,125	

Notes: ¹Payment rates define the unit cost rate of compensation to be received by the participant.

Contract Items 2: Herbaceous Weed Treatment(315) Practice Lifespan: 5 years Status: Planned 2020

Removal or control of the herbaceous, invasive and noxious weed Canada thistle, to enhance accessibility, quantity and quality of forage and or browse, restore or release native or create desired plant communities and wildlife habitats consistent with the ecological site, protect soils and control erosion, and or decrease fine-fuels fire hazard and improve air quality. Practice planning, application, and operation and maintenance, will be consistent with Colorado 315 Herbaceous Weed Control, Conservation Practice Standard planning criteria. Refer to the Colorado 315 Herbaceous Weed Control Job Sheet, for site-specific application requirements to achieve the intended purpose(s).

Fields:
Tract: 436 Fields: 3, 4, 8, 9, 10, 13;

Contract Item	Planned Conservation Treatment	Planned Amount	Unit Cost	Cost Share Rate/Method	COMPLETION SCHEDULE AND ESTIMATED COST-SHARE OR PAYMENT BY YEAR		
					2020 \$	2021 \$	2022 \$
2a	Herbaceous Weed Treatment(315) Chemical, Spot	34 Ac 34 Ac	\$26.5900/ Ac	PR ¹	905	905	

Notes: ¹Payment rates define the unit cost rate of compensation to be received by the participant.

NRCS PROOF OF MATCH

US DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE		CONSERVATION PLAN OR SCHEDULE OF OPERATIONS		NRCS-CPA-1155 03/2019
PARTICIPANT EDWARD B HAMILL SALES DITCH	COUNTY AND STATE JACKSON County, CO	PROGRAM AND CONTRACT NUMBER EQIP 2018 748B05200CD	SUBACCOUNT TCP - High Mountain Flood Irrigation	
LAND UNITS OR LEGAL DESCRIPTION Farm: 74 Tract(s): 400.		WATERSHED Upper Michigan River	ACRES 200.9	EXPIRATION DATE 12/31/2021

Contract Items 1: Structure for Water Control(587) **Practice Lifespan: 20 years** **Status: Planned 2020**

A permanent water control structure to control the stage, discharge, distribution, delivery and or direction of water flow in a water management system. Practice planning, application, and operation and maintenance, will be consistent with Colorado 587 Structure for Water Control, Conservation Practice Standard planning criteria. Refer to the Colorado 587 Structure for Water Control, Construction Specification, for site-specific application requirements. Completion of a Colorado 587 Structure for Water Control, Practice Documentation Requirements Checklist, is required. Refer to the Colorado 587 Structure for Water Control, Operation and Maintenance Plan, for site-specific operation and maintenance requirements.

Fields:
Tract: 400 Fields: 1IRR;

Contract Item	Planned Conservation Treatment	Planned Amount	Unit Cost	Cost Share Rate/Method	COMPLETION SCHEDULE AND ESTIMATED COST-SHARE OR PAYMENT BY YEAR	
					2020 \$	2021 \$
1	Structure for Water Control(587)	1 No			3,902	
1a	Steel Fabrication	1567 Lb	\$2.4900/ Lb	PR ¹	3,902	

Notes: ¹Payment rates define the unit cost rate of compensation to be received by the participant.

Contract Items 2: Herbaceous Weed Treatment(315) **Practice Lifespan: 5 years** **Status: Planned 2020**

Removal or control of herbaceous weeds including invasive, noxious and prohibited plants, to enhance accessibility, quantity and quality of forage and or browse, restore or release native or create desired plant communities and wildlife habitats consistent with the ecological site, protect soils and control erosion, and or decrease fine-fuels fire hazard and improve air quality. Practice planning, application, and operation and maintenance, will be consistent with Colorado 315 Herbaceous Weed Control, Conservation Practice Standard planning criteria. Refer to the Colorado 315 Herbaceous Weed Control Job Sheet, for site-specific application requirements to achieve the intended purpose(s).

Fields:
Tract: 400 Fields: 1IRR;

Contract Item	Planned Conservation Treatment	Planned Amount	Unit Cost	Cost Share Rate/Method	COMPLETION SCHEDULE AND ESTIMATED COST-SHARE OR PAYMENT BY YEAR	
					2020 \$	2021 \$
2	Herbaceous Weed Treatment(315)	5 Ac			133	
2a	Chemical, Spot	5 Ac	\$26.5900/ Ac	PR ¹	133	

Notes: ¹Payment rates define the unit cost rate of compensation to be received by the participant.

NRCS PROOF OF MATCH

US DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE		CONSERVATION PLAN OR SCHEDULE OF OPERATIONS		NRCS-CPA-1155 03/2019
PARTICIPANT BRUCE B BRUNDAGE HANOVER DITCH	COUNTY AND STATE JACKSON County, CO	PROGRAM AND CONTRACT NUMBER EQIP 2018 748B0520018	SUBACCOUNT TCP - High Mountain Flood Irrigation	
LAND UNITS OR LEGAL DESCRIPTION Farm:65 Tract(s):386.		WATERSHED East Branch Willow Creek-Willow Creek	ACRES 71.7	EXPIRATION DATE 12/31/2023

Contract Items 1: Structure for Water Control(587)										
Practice Lifespan: 20 years										
A permanent water control structure to control the stage, discharge, distribution, delivery and or direction of water flow in a water management system. Practice planning, application, and operation and maintenance, will be consistent with Colorado 587 Structure for Water Control, Conservation Practice Standard planning criteria. Refer to the Colorado 587 Structure for Water Control, Construction Specification, for site-specific application requirements. Completion of a Colorado 587 Structure for Water Control, Practice Documentation Requirements Checklist, is required. Refer to the Colorado 587 Structure for Water Control, Operation and Maintenance Plan, for site-specific operation and maintenance requirements.										
Status: Planned 2020										
Fields: Tract: 386 Fields: 2;										
Contract Item	Planned Conservation Treatment	Planned Amount	Unit Cost	Cost Share Rate/Method	COMPLETION SCHEDULE AND ESTIMATED COST-SHARE OR PAYMENT BY YEAR					
1	Structure for Water Control(587)	1 No			2020	2021	2022			
1a	Steel Fabrication	1977 Lb	\$2.4900/ Lb	PR ¹	\$ 4,923	\$ 4,923	\$			
Notes: ¹ Payment rates define the unit cost rate of compensation to be received by the participant.										

Contract Items 2: Structure for Water Control(587)										
Practice Lifespan: 20 years										
A permanent water control structure to control the stage, discharge, distribution, delivery and or direction of water flow in a water management system. Practice planning, application, and operation and maintenance, will be consistent with Colorado 587 Structure for Water Control, Conservation Practice Standard planning criteria. Refer to the Colorado 587 Structure for Water Control, Construction Specification, for site-specific application requirements. Completion of a Colorado 587 Structure for Water Control, Practice Documentation Requirements Checklist, is required. Refer to the Colorado 587 Structure for Water Control, Operation and Maintenance Plan, for site-specific operation and maintenance requirements.										
Status: Planned 2021										
Fields: Tract: 386 Fields: 2;										
Contract Item	Planned Conservation Treatment	Planned Amount	Unit Cost	Cost Share Rate/Method	COMPLETION SCHEDULE AND ESTIMATED COST-SHARE OR PAYMENT BY YEAR					
2	Structure for Water Control(587)	1 No			2020	2021	2022			
2a	Concrete Turnout Structure	7.7 CuYd	\$920.4000/ CuYd	PR ¹	\$ 7,088	\$ 12,339	\$			
2b	Culvert >= 30 inches HDPE	1680 DiaInFt	\$1.7400/ DiaInFt	PR ¹	2,924					

CONSERVATION PLAN OR SCHEDULE OF OPERATIONS

COUNTY AND STATE JACKSON County, CO	PROGRAM AND CONTRACT NUMBER EQIP 2018 748B0520018	SUBACCOUNT TCP - High Mountain Flood Irrigation
WATERSHED East Branch Willow Creek-Willow Creek	ACRES 71.7	EXPIRATION DATE 12/31/2023

2c Screw - Flap Gate 42 In \$55.3900/ In PR¹ 2,327

Notes: ¹Payment rates define the unit cost rate of compensation to be received by the participant.

Contract Items 3: Lined Waterway or Outlet(468) Practice Lifespan: 15 years Status: Planned 2021

A waterway or protected outlet section having an erosion-resistant lining of concrete, stone, synthetic turf reinforcement fabrics, or other permanent material. Practice planning, application, and operation and maintenance, will be consistent with Colorado 468 - Lined Waterway or Outlet, Conservation Practice Standard planning criteria. Refer to the Colorado 468 - Lined Waterway or Outlet Specification for site-specific application requirements to achieve the intended purpose(s).

Fields:
 Tract: 386 Fields: 2;

Contract Item	Planned Conservation Treatment	Planned Amount	Unit Cost	Cost Share Rate/Method	COMPLETION SCHEDULE AND ESTIMATED COST-SHARE OR PAYMENT BY YEAR		
					2020 \$	2021 \$	2022 \$
3	Lined Waterway or Outlet(468)	30 Ft	\$3.1400/ SqFt	PR ¹	2,415	2,415	
3a	Rock Lined - 12 inch	769 SqFt					

Notes: ¹Payment rates define the unit cost rate of compensation to be received by the participant.

Contract Items 4: Irrigation Water Management(449) Practice Lifespan: 1 year Status: Planned 2022

Control the volume, frequency and application rate of irrigation water in a planned and efficient manner, to manage soil water for crops, optimize use of available water supplies, minimize irrigation-induced erosion, decrease non-point-source pollution, manage salts in the crop root zone, manage air, soil or plant microclimate, properly chemigate or fertigate, decrease particulate matter movement, and or decrease energy use. Practice planning, application, and operation and maintenance, will be consistent with Colorado 449 Irrigation Water Management, Conservation Practice Standard planning criteria. Refer to Colorado 449 Job Sheets 1 and 2 for site-specific application requirements to achieve the intended purpose(s).

Fields:
 Tract: 386 Fields: 2;

Contract Item	Planned Conservation Treatment	Planned Amount	Unit Cost	Cost Share Rate/Method	COMPLETION SCHEDULE AND ESTIMATED COST-SHARE OR PAYMENT BY YEAR		
					2020 \$	2021 \$	2022 \$
4	Irrigation Water Management(449)	71.699996948242	2 AC		702		