

**Water Supply Reserve Fund  
Water Activity Summary Sheet  
September 19, 2018  
Agenda Item 12(h)**

**Applicant & Grantee:** Webber Ditch Company

**Water Activity Name:** Webber Ditch Diversion and Piping Project

**Water Activity Purpose:** Environmental & Agricultural Implementation

**County:** Montezuma

**Drainage Basin:** Mancos

**Water Source:** Mancos River

**Amount Requested:** \$25,000 Southwest Basin Account  
\$239,400 Statewide Account  
\$264,400 Total Grant Request

**Matching Funds:** Basin Account Match = \$25,000

- 10.4% of statewide request (meets 10% min)

Applicant Match (cash & in-kind) = \$177,200

- 74% of the statewide request (meets 10% min)

Total Match (Basin & Applicant) = \$202,200

- 84.5% of the statewide request (meets 50% min)
- 45.7% of the total project cost of \$441,660

<b>Staff Recommendation:</b>
Staff recommends approval of up to \$25,000 from the Southwest Basin Account and \$239,400 from the Statewide Account to fund the project titled: Webber Ditch Diversion and Piping Project.

**Water Activity Summary:** WSRF grant funds, if approved, will assist the Webber Ditch Company in taking the first steps to improve the effectiveness and safety of the Webber Ditch irrigation system at diverting, measuring and delivering water to company members. In doing so, the project will position the Company for success at funding and implementing system-wide piping and measurement through Reclamation's Colorado River Salinity Control Program. Specifically, the Webber Ditch Company is requesting WSRF funding to help accomplish construction of two major improvements: (1) to replace the existing diversion and headgate system with an improved structure for diverting, managing and measuring water to be delivered to members, and (2) to replace 2100 feet of corroded corrugated pipe with PVC pipe. The new diversion will allow for fish and sediment passage, while diverting a 1952 priority allocation (37 cfs) out of the Mancos River (just below the confluence of the West and East Mancos Rivers) to irrigate approximately 1632 acres and serve 70 members.

**Discussion:** As described in the Southwest Roundtable (SWBRT) chair's recommendation letter, this project was supported and recommended for approval on July 11, 2018. As one of two major historic ditches in the Mancos Valley being modernized for efficiency, the project keeps with a number of Colorado's Water Plan goals to meet an agriculture supply gap, maintain agricultural viability, and protect compact entitlements (specifically the Colorado Ute Indian Rights Settlement). The original basin fund request was for \$35,000, but the roundtable held to a limit of \$25,000 to keep with austerity

measures put in place by the roundtable in April 2018 in response to low severance tax funds. The roundtable strongly endorses the project.

**Issues/Additional Needs:** No additional needs have been identified.

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

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

**Funding Summary / Matching Funds:**

<b><u>Funding Source</u></b>	<b><u>Cash</u></b>	<b><u>In-Kind</u></b>	<b><u>Total</u></b>
Webber Ditch Company	\$87,000	\$23,700	\$110,700
Mancos Conservation District	\$0	\$1,500	\$1,500
Southwestern Water Conservation District ( <i>pending</i> )	\$65,000	\$0	\$65,000
<b>Subtotal</b>	<b>\$152,000</b>	<b>\$25,200</b>	<b>\$177,200</b>
WSRF Southwest Basin Account	\$25,000	n/a	\$25,000
WSRF Statewide Account	\$239,400	n/a	\$239,400
<b>Totals</b>	<b>\$416,400</b>	<b>\$25,200</b>	<b>\$441,600</b>

**CWCB Project Manager:** Megan Holcomb

**SOUTHWEST BASINS ROUNDTABLE**

**Michael Preston, Chair**

**c/o Dolores Water Conservancy District**

**P.O. Box 1150**

**Cortez, Colorado 81321**

**970-565-7562**

July 24, 2018

Megan Holcomb

Water Supply Management Section

Colorado Water Conservation Board

1580 Logan Street, Suite 600

Denver, Colorado 80203

SUBJECT: Webber Ditch Diversion and Piping Project, Webber Ditch Company -  
\$25,000 Southwest Basin Fund, \$229,400 requested from the Statewide Fund.

Dear Ms. Holcomb:

The Southwest Basin Roundtable approved funding of \$25,000 from the Basin Fund and supports the request for \$229,400 from the Statewide Fund for the Webber Ditch Diversion and Piping Project, requested by Webber Ditch Company. The application was considered in detail at the July 11, 2018 meeting of the Southwest Basin Roundtable. There was a quorum of Roundtable members present.

The Basin Fund request was for \$35,000, but the Roundtable, while strongly endorsing the project, held to a limit of \$25,000 per Basin Fund request in keeping with austerity measures put in place by the Roundtable in April 2018 in response to reduction in Basin fund availability, until Severance Tax revenues allow for consistent Basin Fund replenishment.

This is one of two major historic ditches in the Mancos Valley that are being modernized for efficiency. The project is in keeping with a number of State Water Plan Goals including: Meet Agricultural and environmental Water Supply Gaps, Protect Compact Entitlements (Specifically the Colorado Ute Indian Water Rights Settlement), Maintain Agricultural Viability, Support Agricultural Conservation and Efficiency, Protect Healthy Environments and Critical Watersheds.

The Project also addresses a number of Southwest Basin IPPs including: 4-MB: Ditch Company Improvement and Efficiency Project, 1-M: Mancos Salinity Control, 2-M: Watershed Stakeholders Group and Watershed Based Plan, 12-M: Webber Ditch Piping.

The completed Grant Application will be forwarded directly to you by the applicant. Please contact the applicant directly or me at 970-565-7562, [mpreston@frontier.net](mailto:mpreston@frontier.net), if you have questions or wish to discuss this application in more detail.

Sincerely,



Michael Preston

Southwest Basin Roundtable Chair



Last Update: August 3, 2017

## Colorado Water Conservation Board

### Water Supply Reserve Fund Grant Application

#### Instructions

All WSRF grant applications shall conform to the current [2016 WSRF Criteria and Guidelines](#).

To receive funding from the WSRF, a proposed water activity must be approved 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.

If you have questions, please contact the current CWCB staff Roundtable liaison:

#### Arkansas

Ben Wade  
[ben.wade@state.co.us](mailto:ben.wade@state.co.us)  
303-866-3441 x3238

#### Gunnison | North Platte | South Platte | Yampa/White

Craig Godbout  
[craig.godbout@state.co.us](mailto:craig.godbout@state.co.us)  
303-866-3441 x3210

#### Colorado | Metro | Rio Grande | Southwest

Megan Holcomb  
[megan.holcomb@state.co.us](mailto:megan.holcomb@state.co.us)  
303-866-3441 x3222

#### WSRF Submittal Checklist (Required)

	I acknowledge this request for funding was recommended for CWCB approval by the sponsoring Basin Roundtable(s).
X	I acknowledge I have read and understand the <a href="#">2016 WSRF Criteria and Guidelines</a> .
X	I acknowledge the Grantee will be able to contract with CWCB using the <a href="#">Standard Contract</a> . <sup>(1)</sup>
Exhibit A	
X	<a href="#">Statement of Work</a> <sup>(2)</sup> (Word – see Exhibit A Template)
X	<a href="#">Budget &amp; Schedule</a> <sup>(2)</sup> (Excel Spreadsheet – see Exhibit A Template)
	Letters of Matching and/or Pending 3 <sup>rd</sup> Party Commitments <sup>(2)</sup>
Exhibit C	
X	Map <sup>(2)</sup>
X	Photos/Drawings/Reports
	Letters of Support
	Certificate of Insurance <sup>(3)</sup> (General, Auto, & Workers' Comp.)
Contracting Documents	
X	Certificate of Good Standing <sup>(3)</sup>
	W-9 <sup>(3)</sup>
	Independent Contractor Form <sup>(3)</sup> (If applicant is individual, not company/organization)
	Electronic Funds Transfer (ETF) Form <sup>(3)</sup>

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

(2) Required with application if applicable.

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



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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 2018
Desired Notice to Proceed Date:	January 2018

Water Activity Summary		
Name of Applicant	Webber Ditch Company	
Name of Water Activity	Webber Ditch Diversion and Piping Project	
Approving Roundtable(s)	Basin Account Request(s) <sup>(1)</sup>	
Southwest Basin Roundtable	\$25,000	
Basin Account Request Subtotal	\$ 25,000	
Statewide Account Request <sup>(1)</sup>	\$ 239,400	
Total WSRF Funds Requested (Basin & Statewide)	\$ 264,400	
Total Project Costs	\$ 441,600	

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



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Grantee and Applicant Information	
Name of Grantee(s)	Webber Ditch Company
Mailing Address	PO Box 983, Mancos CO 81328
FEIN	84-0932964
Grantee's Organization Contact <sup>(1)</sup>	Mary Ann Graf
Position/Title	
Email	<a href="mailto:webberditchco@gmail.com">webberditchco@gmail.com</a>
Phone	970-560-0731
Grant Management Contact <sup>(2)</sup>	<u>Mary Ann Graf</u>
Position/Title	
Email	
Phone	
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 Webber Ditch Company (WDC) is an incorporated not for profit irrigation delivery system located in the Mancos Watershed in Montezuma County in southwestern Colorado. The Company has been registered with State of Colorado Secretary of State since 5/18/1953. WDC diverts up to 37cfs out of the Mancos River at their decreed diversion point located approximately 2 miles northeast of the Town of Mancos. This water is then delivered to 70 members to irrigate approximately 1632 acres. WDC's FEIN is 84-0932964.</p>



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Type of Eligible Entity (check one)	
	<b>Public (Government):</b> 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.
	<b>Public (Districts):</b> authorities, Title 32/special districts (conservancy, conservation, and irrigation districts), and water activity enterprises
X	<b>Private Incorporated:</b> mutual ditch companies, homeowners associations, corporations
	<b>Private Individuals, Partnerships, and Sole Proprietors:</b> are eligible for funding from the Basin Accounts but not for funding from the Statewide Account.
	<b>Non-governmental organizations:</b> broadly, any organization that is not part of the government
	<b>Covered Entity:</b> as defined in <a href="#">Section 37-60-126 Colorado Revised Statutes</a>

Type of Water Activity (check one)	
	Study
X	Implementation

Category of Water Activity (check all that apply)		
X	Nonconsumptive (Environmental)	
	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 <b>decimal degrees</b> . The Applicant shall also provide, in Exhibit C, a site map if applicable.	
County/Counties	Montezuma County
Latitude	37.356912 degrees
Longitude	-108.255050 degrees

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### 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 Webber Ditch Company operates one of the largest ditches on the Mancos River, diverting 37cfs out of the Mancos River just below the confluence of the West and East Mancos Rivers, to irrigate approximately 1632 acres and serve 70 members.

The Webber Ditch Diversion and Piping Project will take the first steps to improve the effectiveness and safety of the Webber Ditch irrigation system at diverting, measuring and delivering water to company members. In doing so the project will position the Company for success at funding and implementing system wide piping and measurement through Reclamation's Colorado River Salinity Control Program.

The Webber Ditch Company is requesting WSRF funding to help accomplish construction of two major improvements: to replace the existing diversion and headgate system with an improved structure for diverting, managing and measuring water to be delivered to members, and to replace 2100 feet of corroded corrugated pipe with PVC pipe.

### Measurable Results

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

	New Storage Created (acre-feet)	
	New Annual Water Supplies Developed or Conserved (acre-feet), Consumptive or Nonconsumptive	
	Existing Storage Preserved or Enhanced (acre-feet)	
	Length of Stream Restored or Protected (linear feet)	
	Efficiency Savings (indicate acre-feet/year OR dollars/year)	
	Area of Restored or Preserved Habitat (acres)	
2100 feet of pipe	Length of Pipe/Canal Built or Improved	
New diversion and headgate system installed	Other	Explain: New diversion will divert allocation while allowing for fish and sediment passage. Will allow for accurate measurement of diverted water.



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### 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](#) <sup>(1)</sup>. 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](#)).

The Webber Ditch Diversion and Piping Project supports the goals of Colorado's Water Plan by:

- **Meet Colorado's Water Gaps** by helping to meet the agricultural and environmental water gaps in the Mancos Valley.
- **Protect and Develop Compact Entitlements and Manage Risks** by supporting the Webber Ditch Company to reduce seepage and maximize the irrigation benefit of the water that they divert.
- **Maintain Agricultural Viability** by supporting the Company's efforts to maintain or improve productivity of its Members irrigated acreage. The proposed improvements will help support the rural Mancos Valley economy.
- **Support Agricultural Conservation and Efficiency** by making the Webber Ditch irrigation system more efficient and resilient.
- **Protect Healthy Environments** by constructing an improved diversion that allows for both fish and sediment passage, thus maintaining a resilient, connected and productive aquatic habitat both upstream and downstream of the diversion.
- **Protect and Restore Critical Watersheds:** Protect and restore watersheds critical to water infrastructure, environmental or recreational areas by building on the efforts of the Mancos Valley Watershed Group and the Mancos Conservation District to work with irrigators to improve priority diversions throughout Mancos Watershed so as to improve the environmental and agricultural resilience. To date, ten of the diversions prioritized in the Mancos Valley Watershed Plan (2011) have been improved.
- **Prepare for Climate Change** by supporting the Webber Ditch Company to reduce seepage and maximize the irrigation benefit of the water that they divert out of the Mancos River in Southwest Colorado where climate change may result in longer and more severe periods of drought.

This project supports the Statewide Water Supply Initiative (2011) and the Southwest Basin Implementation Plan (2015) because it supports several themes (and associated goals) of the Southwest Basin Implementation Plan, including to **Balance all Needs and Reduce Conflict**; **Meet Agricultural Water Needs** and to **Meet Environmental Water Needs** (Table 1, pg. 12, SW BIP 2015).

The project contributes to implementation of 4 Identified Project and Processes (IPPs) (Appendix A, SW BIP 2015):

- **4-MB:** Ditch Company Improvement and Efficiency Projects,
- **1-M:** Mancos Valley Salinity Control Project Plan and Environmental Assessment,
- **2-M:** Mancos River Watershed Stakeholders Group implementing recommendations of completed Watershed Based Plan. Plan identifies goals, sources and practices to implement to protect and improve water resources in the Mancos River watershed,
- **12-M:** Webber Ditch Piping. Piping of the ditch in areas that are compromised by the Weber fire and areas that have issues of safety and seepage.

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### Water Activity Justification

The Webber Ditch Diversion and Piping Project addresses each of the Colorado Water Plan's criteria for state support:

#### Does the project proponent demonstrate a commitment to collaboration?

The Webber Ditch Company is committed to collaboration and is interested in addressing multiple needs. The project involves the support (including financial support) of 70 member irrigators, as well as the Mancos Conservation District and the Southwest Basin Roundtable (as expressed by those present upon presentation of the Webber Ditch Piping Concept Proposal on October 11, 2017).

#### Does the project proponent address an identified water gap?

The Webber Ditch Diversion and Piping Project addresses the Agricultural water gap identified in the SW BIP by reducing seepage and improving delivery of allocated water to irrigated acreage. It implements one of the IBCC's Draft No-Low Regrets Action Plan (2013) by "Implementing Storage and Other Infrastructure to maximize flexibility and reliability in Webber irrigation water supply."

#### Does the project proponent demonstrate sustainability?

The Webber Ditch Diversion and Piping project demonstrates sustainability by:

- Avoiding adverse impacts to environmental values by constructing a diversion structure that will allow for passage of both fish and sediment,
- Mitigating the economic impacts (both of time and money) to the members of the Company due to the annual struggle to maintain the Webber Diversion and to divert the water necessary to cover seepage losses as water is conveyed to irrigated acreage.
- Maximizing the use of Mancos River water resources through improving and modernizing aging infrastructure and reducing seepage losses.
- Positioning the Webber Ditch Company to be competitive in applying for Reclamation Salinity Control funds that will allow the company to reduce its contribution to salinity loads in the Colorado River by piping the remaining open ditch in the system.

#### Does the project proponent establish the fiscal and technical feasibility of the project?

The Webber Ditch Company has established the fiscal and technical feasibility of the project by procuring a technical cost estimate from Harward Engineering and by contributing Company resources (both in-kind services and through a loan), and procuring local grants (a basin grant, and a Southwestern Water conservation district grant) to leverage a statewide grant. The Company is ready to proceed with the project upon receipt of necessary funding, as weather and flows permit.

(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 3<sup>rd</sup> 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)



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Matching Requirements: Basin Account Requests	
Total Match	\$
If you requested a Waiver to the Basin Account matching requirements, indicate the percentage you wish waived.	

Matching Requirements: Statewide Account Requests	
<b>Statewide Account</b> 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 3 <sup>rd</sup> party) and shall be accompanied by a <b>letter of commitment</b> . Attach additional sheet if necessary.	
Contributing Entity	Amount and Form of Match (note cash or in-kind):
Webber Ditch Company (cash)	\$87000 cash
Webber Ditch Company	\$23700 in-kind
Mancos Conservation District	\$1500 in-kind
Southwestern Water Conservation District (Dec 2018 Application)	\$65000 cash
Southwest Basin Roundtable Basin Fund (July 2018 Application)	\$25000 cash
Total Match	\$202200
If you requested a Waiver to the Statewide Account matching, indicate % you wish waived. (Max 50% reduction of requirement).	
	n/a

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.

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### Related Studies

Mancos Water Conservancy District 2002. Mancos Water Conservation and Management Plan. 75pp.

Stacey P. 2007. Functional assessment of the Mancos River watershed: Mancos Valley and Adjacent Areas. 126 pp.

Colorado Water Conservation Board 2011. Statewide Water Supply Initiative 2010. Denver, CO 246pp.

Mancos Valley Watershed Group 2011. Mancos Watershed Plan. Montezuma County, Colorado 58pp.

Lanci J. 2011. Mancos River Watershed Diversions. Mancos Conservation District.

Colorado Water Trust 2011. Mancos River Basin Instream Flow Report: Preliminary Evaluation of Flow Restoration Options. 202pp.

Southwest Basin Roundtable 2015. Southwest Basin Implementation Plan. 119pp.

Colorado Water Conservation Board 2015. Colorado Water Plan. 567pp.

Bureau of Reclamation 2017. Quality of Water Colorado River Basin Progress Report No. 25. 131pp.

The Project is complimentary to the CWCB's Watershed Restoration Program and to Mancos Conservation District's current "Drought Resilience Planning" grants from CWCB Watershed Restoration Program and Bureau of Reclamation Watersmart Program.

### Previous CWCB Grants

List all previous or current CWCB grants (including WSRF) awarded to both the Applicant and Grantee. Include: 1) Applicant name; 2) Water activity name; 3) Approving RT(s); 4) CWCB board meeting date; 5) Contract number or purchase order

The Webber Ditch Company has not received any CWCB grants to date.

### 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.

The Webber Ditch Company is not aware of any TABOR issues that may affect the company.



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<b>Colorado Water Conservation Board</b>	
<b>Water Supply Reserve Fund</b>	
<b><u>Exhibit A - Statement of Work</u></b>	
<b>Date:</b>	<b>July 2, 2018</b>
<b>Water Activity Name:</b>	<b>Webber Ditch Diversion and Piping Project</b>
<b>Grant Recipient:</b>	<b>Webber Ditch Company</b>
<b>Funding Source:</b>	<b>WSRF (basin and statewide)</b>
<b>Water Activity Overview:</b> (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.	
<p>The Webber Ditch Diversion and Piping Project will take the first steps to improve the effectiveness and safety of the Webber Ditch irrigation system at diverting, measuring and delivering water to 70 company members and 1632 acres. In doing so the project will position the Company for success at funding and implementing system wide piping and measurement through Reclamation's Colorado River Salinity Control Program.</p> <p>The Webber Ditch Company is requesting WSRF funding to accomplish two major improvements: to replace the existing diversion/headgate system with an improved structure for diverting, managing and measuring water to be delivered to members, and to replace 2100 feet of corroded corrugated pipe with PVC pipe.</p>	
<b>Objectives:</b> (List the objectives of the project)	
<p>The Objectives of the project are to:</p> <ol style="list-style-type: none"><li>1. Design and construct new diversion structure and headgate (including trash screen, flush gate and overflow system and Parshall flume)</li><li>2. Replace 2100ft of corrugated pipe with 36" PVC pipe.</li><li>3. Administer, manage and report on the project.</li></ol>	

<b>Tasks</b>
Provide a detailed description of each task using the following format:
<b><u>Task 1 - (Design and construct new diversion structure and headgate)</u></b>
Description of Task:



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Tasks
<p>The Webber Ditch diversion structure is a vital part of the 37 CFS Webber Ditch Company (WDC) irrigation system that serves approximately 1632 acres just east of Mancos, Colorado. The diversion, flush gates, overflow system and Parshall flume have been in service for many years and are simply worn out. WDC has patched up and attempted to fix the many issues associated with these dated structures, but the diversion has become excessively labor intensive. Harward Engineering has provided the Webber Ditch Company with a conceptual design and cost estimate for the construction of new improved diversion and headgate inlet system. The Webber Ditch Company members plan to assist with concrete and dirt work (excavation, pouring, compaction, etc.)</p>
Method/Procedure:
<ol style="list-style-type: none"><li>1. Harward Engineering completes construction design for new Webber Ditch Diversion and headgate inlet system, including trash screen, flush gate and overflow system, and Parshall flume.</li><li>2. Harward Engineering constructs new system, with in-kind assistance from the Webber Ditch Company (excavation, back-fill and compaction).</li></ol>
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
New Webber Ditch Diversion and headgate inlet system, including trash screen, flush gate and overflow system, and Parshall flume.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
Final Report including before and after photos of Webber diversion and headgate inlet system, including trash screen, flush gate and overflow system, and Parshall flume.



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Tasks
Provide a detailed description of each task using the following format:
<b><u>Task 2 - (Replace 2100ft of corrugated pipe with PVC pipe)</u></b>
Description of Task: <p>Along HW 95 on the south side of the road is a steep hill directly above the Webber Ditch alignment. For years sections of the hillside would slough off damming the ditch, causing serious erosion and flooding the area making it impossible to deliver water to shareholders. The obvious fix was to pipe 2100 feet of the ditch along the hillside. At that time corrugated metal pipe was considered the best solution for that application so 42 inch corrugated metal pipe was selected and installed. The pipe has served well for over 25 years, however it is now rusting toward failure and therefore needs to be replaced by non-corrosive PVC pipe.</p>
Method/Procedure: <ol style="list-style-type: none"><li>1. Prepare ditch; Webber Ditch Company place gravel subgrade.</li><li>2. Purchase and install 2100' OF 36" 80 PSI PVC PIPE C905 DR-51.</li></ol>
Grantee Deliverable: (Describe the deliverable the grantee expects from this task) 2100' corroding corrugated pipe replaced with 2100' OF 36" 80 PSI PVC PIPE C905 DR-51.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task) Final Report including before and after photos of piped section of Webber Ditch.



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Tasks
Provide a detailed description of each task using the following format:
<b><u>Task 3 - (Administer and Manage Project)</u></b>
Description of Task: Coordinate completion of tasks 1-3 by contractors and WDC members. Secure and track match. Provide fiscal administration of the grant. Write and submit all required progress and final reports.
Method/Procedure: The Webber Ditch Company will : <ul style="list-style-type: none"><li>• prepare and submit application to SWCD for matching funds.</li><li>• contract Harward Engineering</li><li>• coordinate WDC contributions with contractor</li><li>• receive contractor invoices; prepare and submit reimbursement requests to CWCB</li><li>• liaison with funding agencies,</li><li>• track and document project progress, including collecting before and after photos</li><li>• track match and invoices,</li><li>• write and submit progress and final reports to Colorado Water Conservation Board.</li></ul>
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)  <ol style="list-style-type: none"><li>1. Successful completion of Tasks 1-3,</li><li>2. Match secured and recorded.</li><li>3. Invoices received and payed in a timely manner.</li><li>4. 1 progress report and 1 final report completed and submitted on-time to CWCB</li><li>5. Final Report submitted to SWCD.</li></ol>
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task) <ol style="list-style-type: none"><li>1. 1 progress report shall describe the status of Tasks 1-2, including a description of any major issues that have occurred and any corrective action taken to address these issues.</li><li>2. 1 final report that:<ul style="list-style-type: none"><li>• Summarizes the project and how the project was completed.</li><li>• Describes any obstacles encountered, and how these obstacles were overcome.</li><li>• Confirms that all matching commitments have been fulfilled.</li><li>• Includes photographs, summaries of meetings and engineering reports/designs.</li></ul></li></ol>



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### 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.

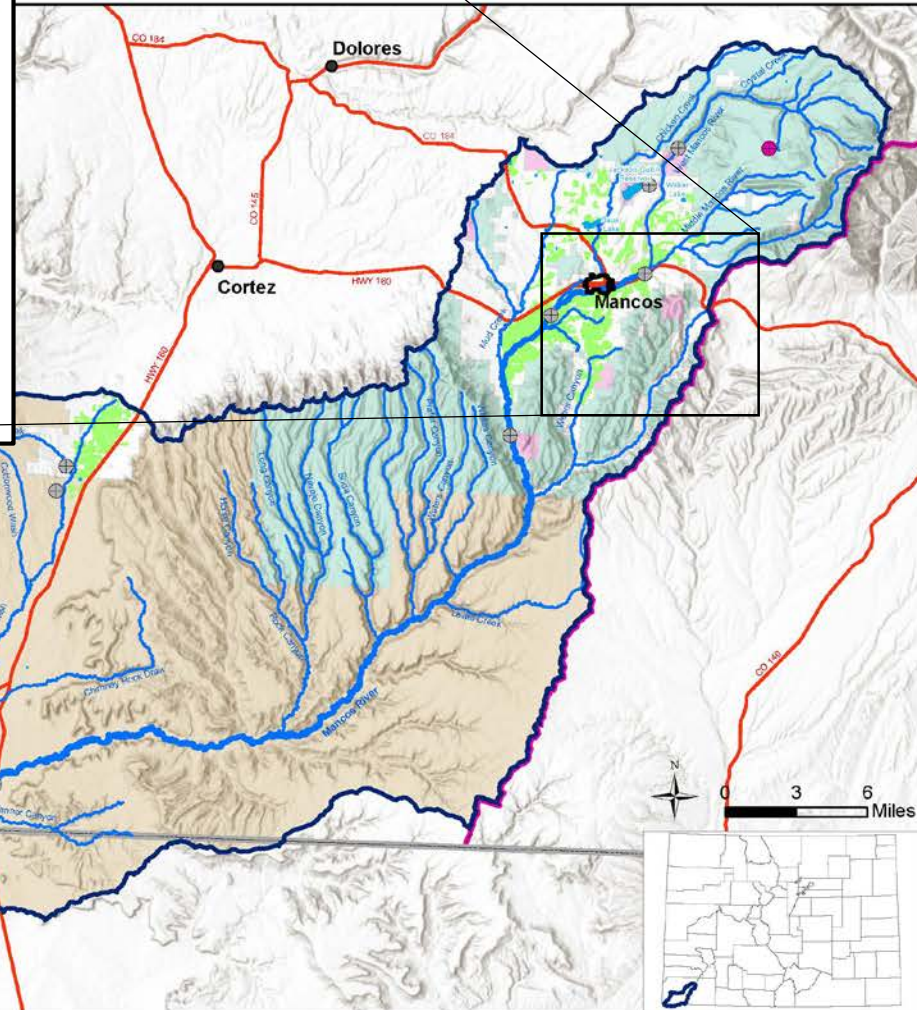
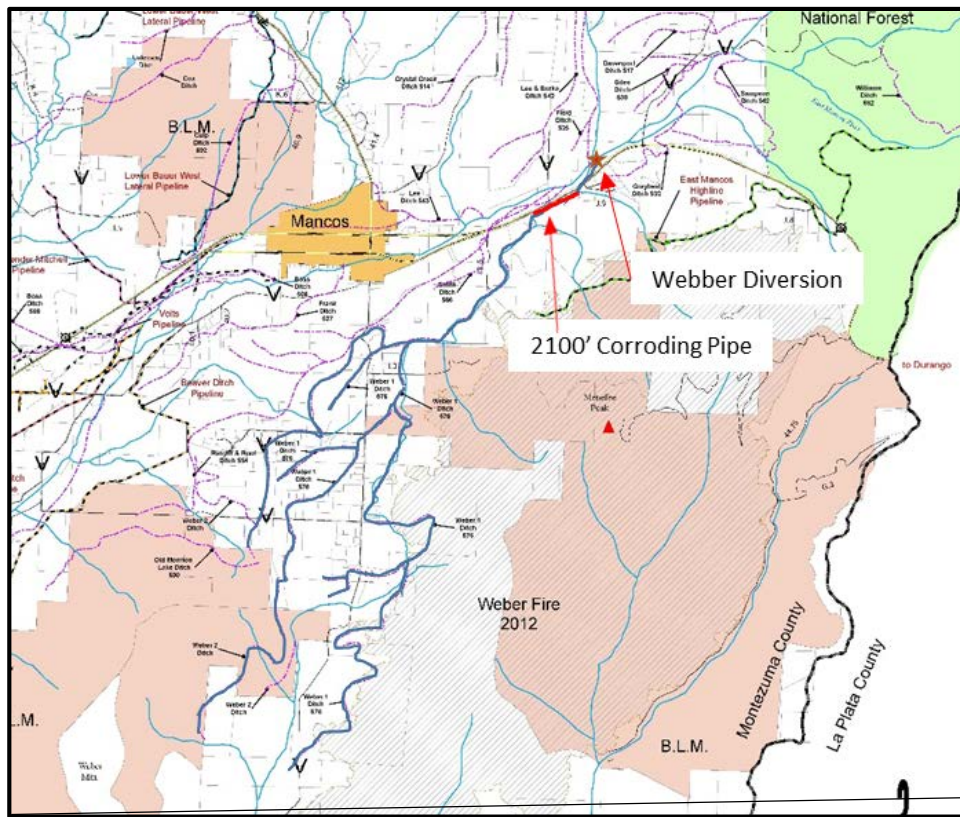


**Exhibit B - BUDGET AND SCHEDULE - Indirect Costs (Grant Administration)**

**Grantee Name: Webber Ditch Company**

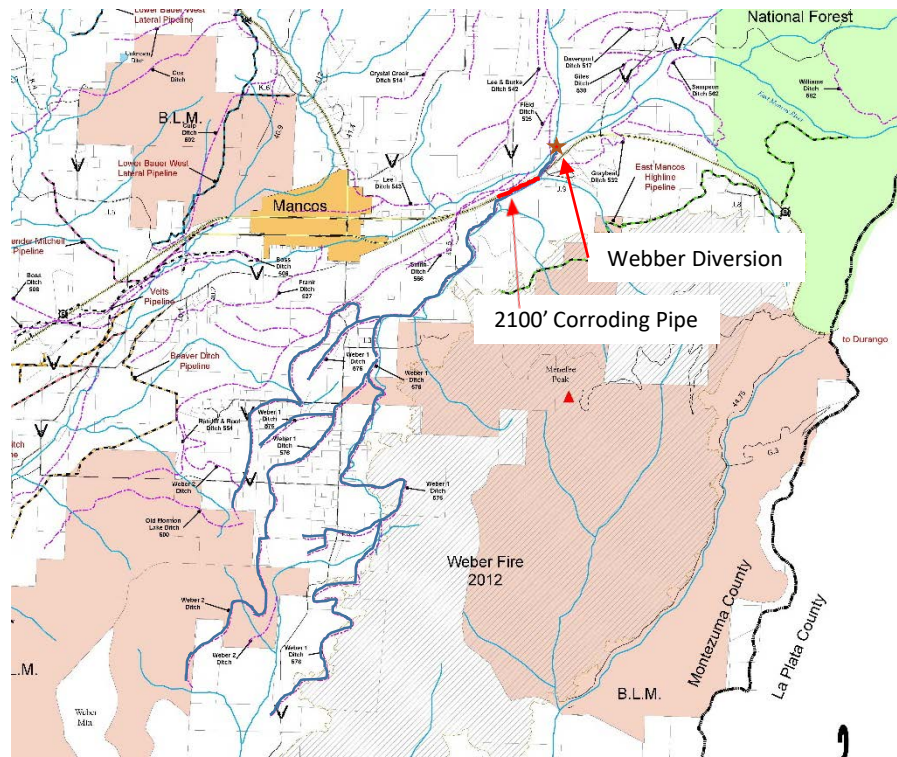
(2) Total WSRF Grant amount equals all Basin Account requests and all Statewide Account requests.

## Exhibit C: Map Webber Ditch Diversion and Piping Project

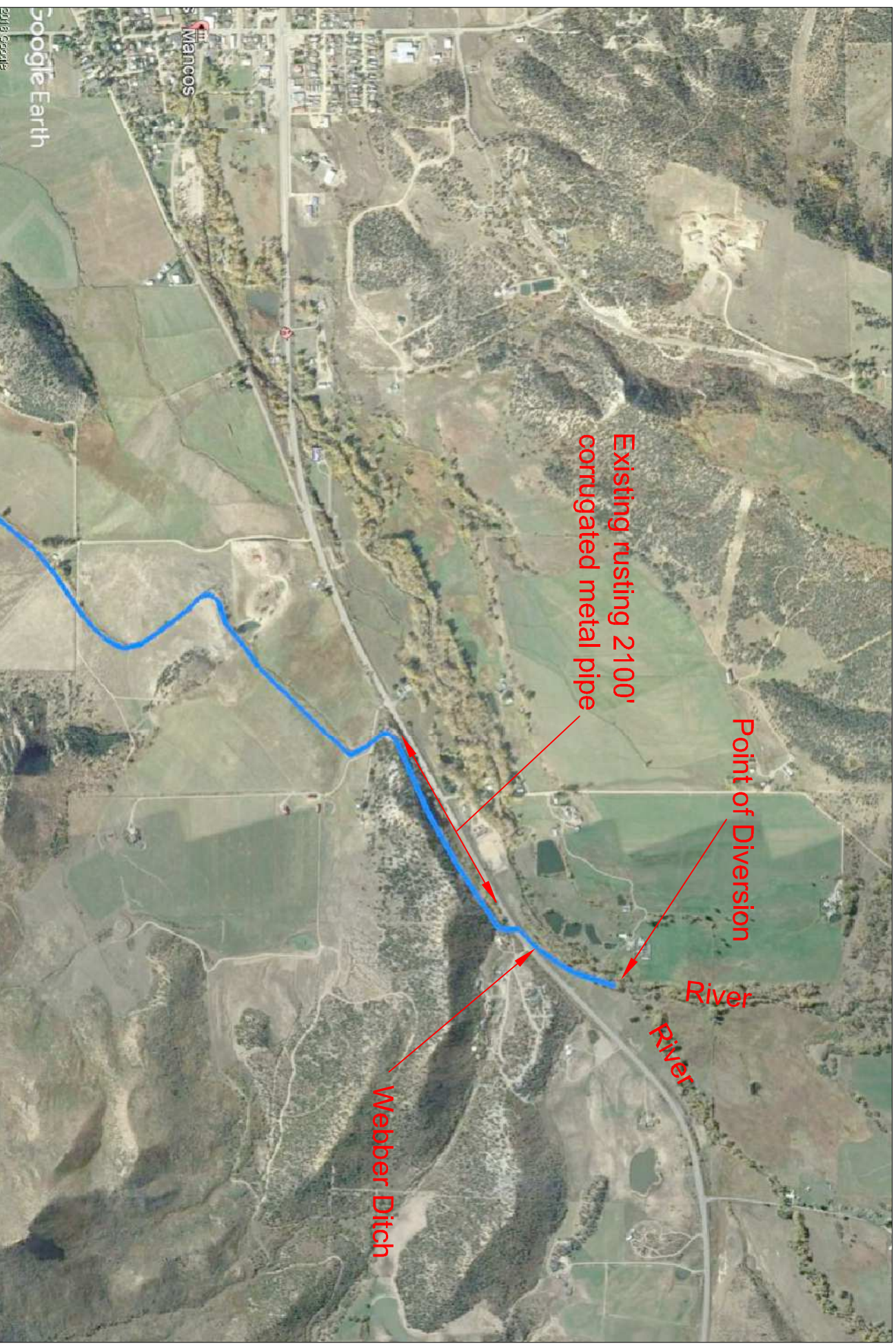


### Legend

- Town of Mancos
- County Boundary
- State Boundary
- Local Highways
- Irrigated Acreage (Div 7)
- Mancos Watershed
- SNOTEL
- ⊕ Stream Gage (Active)
- Water Bodies
- Rivers
- Land Use**
- State Lands
- Federal Lands
- Tribal Lands



## Existing Webber Ditch Point of Diversion & Existing Corrugated Metal Pipe Location



## Existing Webber Ditch Diversion Structure



Existing Webber Ditch Overflow #1 and #2



Existing Webber Ditch Head Gate Structure



Existing Webber Ditch Head Gate Close up



## Existing Webber Ditch Parshall Flume

