



Wright Water Engineers, Inc.

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September 22, 2015

**Via email: ben.wade@state.co.us**

Ben Wade

Office of Water Supply Planning

Colorado Water Conservation Board

Department of Natural Resources

1313 Sherman St., Room 721

Denver, CO 80203

Re: 50% Interim Report for City of Ouray - Water Measurement Implementation Project

Dear Ben:

Wright Water Engineers, Inc. (WWE) is pleased to provide you with this interim report summarizing the status of the work on the City of Ouray's Water Measurement Implementation Project. The CWCB awarded the City of Ouray (City) funding for this project on May 29, 2015. The project is progressing on schedule, as shown below:

Task	Original Completion Date	Revised Completion Date	Percent Complete
Task 1: Implementation of SCADA Upgrades and Measuring Devices	11/30/15	10/30/15	75%
Task 2: Install Measuring Devices on Red Mountain Ditch	11/30/15	5/30/16*	50%
Task 3: Refine Costs and Establish Priorities for Next Steps	4/30/16	4/30/16	0%
Task 4: 50% Completion Report	9/30/15	9/30/15	100%
Task 4: 75% Completion Report	11/30/15	11/30/15	0%
Task 4: SUBMIT FINAL REPORT TO CWCB	5/30/2016	5/30/16	0%

\*See Task 2 Schedule Change Request below

WWE and the City, assisted by sub-contractor Timber Line Electric and Control Corporation (Timber Line), have completed approximately 75 percent of Task 1 and 50 percent of Task 2. Task 3 is scheduled to begin in December.

**Task 1 Progress Report:** WWE, the City, and Timber Line kicked off Task 1 and the project in general with a joint teleconference on June 24, 2015, during which tasks, personnel responsibilities and equipment needs were discussed. Subsequent to this, Timberline acquired

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and assembled all equipment required for Task 1 implementation. Installation of equipment and completion of Task 1 is scheduled for October 5, 2015.

**Task 2 Progress Report:** WWE began Task 2 with a site visit on July 30, 2015. WWE met City staff at the Red Mountain Ditch and determined measurement device placement and site preparation needs prior to installation. WWE ordered the measurement devices, with delivery to City staff expected by October 20, 2015. Work remaining on this task is the installation and calibration of the measurement devices.

**Task 2 Schedule Change Request:** The completion date for Task 2 proposed in the original grant application was November 30, 2015. WWE requests that the CWCB allow an extension for completion of Task 2 to May 30, 2015. As qualified on the original grant application timeline, *"This schedule may be adjusted...if weather conditions delay installation of measuring devices."*

Upon researching the equipment parameters and speaking with equipment manufacturer representatives, WWE found that deep winter snows and prolonged, sub-freezing temperatures could have a detrimental effect on the equipment. The location of the devices will be at an elevation of approximately 11,200 feet. Thus, for their protection, the measurement devices must be removed each fall and re-installed each spring. For efficiency purposes, WWE respectfully requests that the CWCB allow initial installation and equipment calibration to occur after this 2015-2016 winter melt, prior to the end of the grant period in May. A revised timeline for this project is included as an attachment.

Including the requested schedule adjustment, WWE does not anticipate problems with completing the Water Measurement Implementation Project on time and on budget.

Sincerely,

WRIGHT WATER ENGINEERS, INC.

By  \_\_\_\_\_

Matt DeAmico, EI  
Water Resources Engineer

Attachments:

Revised Timeline

cc: Patrick Rondinelli, City Manager

**APPENDIX F**  
**City of Ouray Water Efficiency Grant Application**  
**Water Measurement Plan Project Timeline<sup>(1)</sup>**

Revised September 30, 2015

Task	June 2015	July 2015	Aug 2015	Sept 2015	Oct 2015	Nov 2015	Dec 2015	Jan 2016	Feb 2016	Mar 2016	Apr 2016	May 2016
Task 1: Implementation of SCADA Upgrades and Measuring Devices	Begin June 9				End October 30							
Task 2: Install Measuring Devices on Red Mountain Ditch	Begin June 9			Pause for winter season September 30								End May 30
Task 3: Refine Costs and Establish Priorities for Next Steps							Begin December 1				End April 30	
Task 4: Reporting to CWCB				50% Progress Report Sept. 30		75% Progress Report Nov. 30						Final Report May 30

(1) Timeline is based on completion dates or time period from the Notice to Proceed. This schedule may be adjusted based on grant award date or if weather conditions delay installation of measuring devices.