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TO: Ben Wade, Water Conservation Coordinator-Colorado Water Conservation Board:
ben.wade@state.co.us

FROM: Pete Foster, Project Manager and Sue Wallace, Project Coordinator, CB South Metro

DATE: March 29, 2021

RE: Water Efficiency Plan 75% Progress Report for Crested Butte South Metropolitan District

Purchase Order # POGG1 PDAA 2020-2934.

Dear Mr. Wade,

Wright Water Engineers, Inc., (WWE) on behalf of the Crested Butte South Metro District (District), is pleased to present you the 75 percent progress report for the Crested Butte South Metro District Water Efficiency Plan (WEP).

This 75% Progress Report describes the status of work performed from September 2020 through March 11, 2021:

Metric	Task 3- Integrated Water Efficiency, Benefits/Goals of Water Efficiency Measures	Task 4- Selection of Water Efficiency Activities	Task 5 – Implementation and Monitoring Plan
Meeting Goals, Objectives	Goal: To develop future water use scenarios at build-out and to determine benefits and goals of water efficiency.	Goal: To develop a final list of Foundational Water Efficiency Activities.	Goal: To establish timelines, potential funding sources, and personnel requirements for implementation of water efficiency activities. To identify the data needs, collection frequency, and and reporting responsibilities and timeframes.
Obstacles Encountered	Sue Wallace, Project Coordinator, had planned and unplanned health matters that caused multiple delays to the work timeline for each task.		
Accomplishments	-Maximum annual water allocations were documented for residential and commercial use, per water rights -Maximum annual plant water production was established -Population growth and water demand projections were	-Water efficiency activities were identified -Qualitative and quantitative screening goals were established -Implementation Costs for Water efficiency activities were estimated	-Data to be collected for annual monitoring includes water usage, demand, and peak demand characterized by customer segment (Single-Family, Multi-Family, Duplex, Commercial, and Mixed Use) -Additional annual data to be

	<p>forecasted to 2050</p> <p>-Low, Medium, and High-Water Use scenarios were developed for CB South to 2050</p> <p>-10%, 20%, and 30% savings projections were established for each of the Low, Medium, and High-Water Use scenarios</p>	<p>-Water efficiency activities were selected based on practicality, ability, ease, and costs of implementation</p>	<p>collected includes population estimates, population growth, building statistics, weather, precipitation, and “snow water equivalent”, changes to service area</p> <p>-Public conservation/service outreach efforts and feedback will be documented</p>
Needed Scope Revisions?	None.		