



MEMORANDUM

CWS File #20-110

To: Colorado Water Conservation Board

From: Michelle Hatcher *MH* Sira Sartori *SS*

cc: Guy Patterson, Town of Hudson

Date: May 21, 2021

Subject: 75% Progress Report for Town of Hudson Municipal Water Efficiency Plan

Clear Water Solutions (CWS) is assisting the Town of Hudson (Town of Hudson) with its Municipal Water Efficiency Plan (Plan) in accordance with State regulations following the Guidance Document (dated July 2012) produced by the Colorado Water Conservation Board (CWCB). As discussed in the Scope of Work, this 75% Progress Report includes the following elements:

- The success of meeting previously identified goals and objectives
- Obstacles encountered
- Preliminary findings or accomplishments
- Potential need for revisions to the scope of work and timelines

Hudson has completed the goals and objectives outlined in Task 4 of the Scope of Work, which is the selection of water efficiency activities. As described in Task 4 in the Scope of Work, the Town completed its third meeting with CWS for the second screening of water efficiency activities on May 18, 2021. The Task budgets have been accurate and no major obstacles have been identified in the development of this Plan. Some of the preliminary findings¹ from Task 4 are outlined in the following paragraphs.

Hudson's preliminary goal was to save 10% of its treated water over the 10 year planning period. Potential water efficiency activities were analyzed in a cost-benefit analysis comparing activity costs with estimated water savings. Hudson completed two meetings to screen potential water efficiency activities using qualitative and quantitative criteria. The Town's qualitative screening goals to evaluate the cost-benefit include:

- Financial implications
- Staff availability

¹ Preliminary findings may be revised in the final Plan.

- Staff and Council approval
- Community Support
- Planned Town projects

The Town screened 19 activities for consideration and selected 11 activities to include in the final Plan for implementation. Staff are still evaluating additional land use planning activities as they want to ensure community, staff and Council support. So far, the Town has selected the following activities to include in their Plan:

- General Monitoring and Verification Activities and General Water Rates and Billing
- Automatic Meter Reading Installation and Operations
- Advanced Metering Infrastructure Installation and Operations
- Master Plans and Integrated Water Resource Plans
- Drought Management Plan
- Water Rate Study - Water Efficient Rate Structure with Regular Updates
- Weekly and Time of Day Outdoor Watering Restrictions
- Water Waste Ordinance
- Town Facility Requirements
- Public Education Activities
- Customer Surveys

These activities represent a combination of Foundational Activities, Ordinances and Regulations, and Education Activities, as defined in the CWCB's *Statewide Water Supply Initiative 2010*. The selected water efficiency activities have the potential to meet and exceed the Town's 10% savings goal. The Town also evaluated one Targeted Technical Assistance and Incentives program but ultimately did not believe it would be accepted by the Town Council. The Town would prefer to focus on Foundational and Educational Activities.

The Town has four existing implemented water efficiency activities including the following:

- General Monitoring and Verification Activities and General Water Rates and Billing
- Automatic Meter Reading Installation and Operations
- Master Plans
- Water Rate Study - Water Efficient Rate Structure with Regular Updates

The Town's next steps will be to complete Tasks 5 and 6 in the Scope of Work in coordination with CWS. The schedule for the Plan has been updated from the original Scope of Work which was provided in the 50% Progress Report. **Table 1** provides a table of the Plan timeline.

Table 1: Plan Timeline

Task	Date
CWCB approves grant and PO issued	12/11/2020
Kick-off meeting with staff	1/8/2021
Meeting No. 2 - Main topic: Potential Activities	3/10/2021
Meeting No. 3 - Main topic: Review cost/benefit analysis	5/18/2021
Submit draft Plan to staff for review and comment	7/14/2021
Staff provides comment from review	7/28/2021
Submit draft Plan to Town Council for review	8/11/2021
Present draft Plan at Town Council meeting and collect comments	9/20/2021
Notify public of draft Plan in paper and website	9/21/2021
Public review period (60 days)	11/20/2021
Town Board formally adopts final Plan	12/6/2021
CWS submits final Plan to CWCB	12/7/2021
CWCB approves final Plan	up to 90 days

*Blue is estimated date.