



Water Authority

# Project 7 Water Supply Resiliency Program Workshop #1 Agenda

**Date:** February 25, 2021 4:30 PM

**Location:** Project 7 Water Authority, Montrose CO

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1. Introduction & Meeting Overview
  - A. Introductions
  - B. What is Project 7 and what is the purpose of this meeting?
    - Project 7 Water Authority
    - Water Supply Resiliency Program
    - Ridgway Water Treatment Plant
    - Community Workshops (Goals and Timing)
  - C. Goals and Purpose of Workshop #1
    - Present Water Supply Resiliency Program Progress Updates
    - Plan for 2021 Community Outreach Efforts
    - Present recent site investigations
    - Present status update on raw water delivery alternatives analysis to the Ridgway WTP Site
    - Define a structure and format for workshops in 2021
2. Review the 30/60/90 day Look-Ahead Plan
  - A. Summary of the 30/60/90 plan and what its intended purpose is
  - B. 30/60/90 Plan Review
    - Communications and Outreach
    - Funding Strategy
    - Engineering and Planning (Brief, will include detailed review during technical section)
3. Funding Brief
  - A. Present and discuss Funding Opportunities Summary
  - B. Present and discuss letter of resolution for US BoR Grant
4. Outreach Discussion:
  - A. Review community outreach plan
  - B. Review/Discuss the Q1 meeting discussion guide
5. Site Investigations
  - A. Preliminary Geotechnical Investigations
  - B. Survey
  - C. RBF Feasibility Study
6. Raw Water Supply Alternatives Evaluation
  - A. Discuss the relative benefits and challenges of each option
    - Task Order 3 – Raw Water Line
    - Task Order 4 – River Bank Filtration
    - Task Order 4 – Surface Water Diversion
  - B. Share preliminary rough order of magnitude (ROM) opinion of probable construction costs
  - C. Discuss path forward
7. Recap Meeting
  - A. Goals and objectives moving forward
  - B. Ask: what was good and bad about workshop format

# Project 7 Water Supply Resiliency Program

## Workshop #1 Summary

**Date:** February 25, 2021 4:30 PM

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1. Introduction & Meeting Overview
  - A. Introductions (around the room starting with P7, Program Team, Board, Guests)

The Project 7 General Manager welcomed attendees to the workshop and started introductions. Workshop was attended by residents and staff from Delta, Montrose, Olathe, Tricounty WCD, Chipeta WD, Menoken WD. The project team was represented by Garver and GBSM (remote).
  - B. What is Project 7 and what is the purpose of this meeting?

This workshop is the first in a series of community outreach activities intended to provide information to local residents on the water supply resiliency program and the Ridgway Water Treatment Plant project (Ridgway WTP). Workshops are intended to be informal information sharing sessions and an opportunity for a collaborative development of goals and values for the project. A brief overview of Project 7 Water Authority was given and a map of the Uncompahgre Valley potable water system was reviewed.
  - C. Goals and Purpose of Workshop #1  
Workshop 1 is intended to present information on the public process, funding strategy, due diligence activities, site selection for the Ridgway WTP, and begin presenting treatment plant concepts that will be used to define the scope of future design activities.
2. Review the 30-60-90 day Look-Ahead Plan
  - A. Summary of the 30-60-90 plan and what its intended purpose is  
The 30-60-90 plan is a table describing program work items and upcoming milestones/tasks to be completed over the next 30, 60, and 90 days.
  - B. 30-60-90 Plan Review  
An update of the 30-60-90 day plan was given, focus was on the communications plan, funding opportunities, and conceptual design tasks such as identifying a preferred raw water delivery method to site, proposed water quality targets, treatment concepts, and initial WTP capacity.
3. Funding Brief
  - A. Present and discuss Funding Opportunities Summary  
Major funding opportunities that will be pursued include SRF grants/loans, Department of Local Affairs Energy and Mineral Impact Assistance Fund Grants, US Bureau of Reclamation Drought Contingency Project Grants, US EPA WaterSmart Grants, and potential CARES act funding.
  - B. Present and discuss letter of resolution for US BoR Grant  
A draft letter of resolution for US BoR Grant (System Optimization Study) was reviewed with the group. Letter will be finalized and placed on the March Board agenda for approval.
4. Outreach Discussion:
  - A. Review community outreach plan
    - Community outreach plan was reviewed. The need for a communications oversight group was identified and decision made to develop a communications oversight group comprised of area water system staff and board members. The goal is to use the comms group to coordinate consistent and unified messaging across the valley.
    - It was noted that the local newspapers, as well as the Montrose Mirror and other local social media outlets would be good sources for sharing information.
    - A brief overview of Project 7 website updates was given, workshop summaries will be posted.
  - B. Review/Discuss the Q1 meeting discussion guide  
Q1 meeting discussion guide was reviewed.
5. Site Investigations
  - A. Preliminary Geotechnical Investigations

# Project 7

## Water Authority

An overview of geotechnical investigations at the Ridgway WTP site was given. Building site is primarily fractured sandstone, excavatable, and overall a good material for building on.

B. Survey

Survey has been completed and is being reviewed by the program team.

C. RBF Feasibility Study

Preliminary results from the river bank filtration (RBF) study were presented. Water production at the site was somewhat less than expected and it appears a vertical well field will not be feasible for 4 MGD, 5MGD, and 10 MGD capacity targets. This may limit the ability to apply for State Health Department natural filtration credits. Horizontal and Radial Collector wells should be capable of producing sufficient water but may need to be moved closer to the river, requiring easements from area landowners. The program team was directed to identify what type of Horizontal or Radial well would be needed to meet production targets.

6. Raw Water Supply Alternatives Evaluation

A. Discuss the relative benefits and challenges of each option

- Task Order 3 – Raw Water Line  
See presentation slides
- Task Order 4 – River Bank Filtration  
See presentation slides
- Task Order 4 – Surface Water Diversion  
See presentation slides

B. Share preliminary rough order of magnitude (ROM) opinion of probable construction costs

Preliminary opinion of probable construction costs were shared in draft form at the meeting but will not be posted publicly until final.

C. Discuss path forward