



City of Milton-Freewater Request for Qualifications Water System Master Plan and Modeling Contract No.: 315

Date of Issue: January 28, 2025

REQUEST FOR QUALIFICATIONS

Questions and Answers #3

RFQ Contract No:	Contract 315
RFQ Title:	Water System Master Plan and Modeling
RFQ Issue Date:	January 10, 2025
Q&A No.	3
Q&A Date:	January 28, 2025

Received questions and answers (as of January 28, 2025, at 11:00 am)

Question: What is the purpose of the City's WSMP update? Is this to meet a regulatory requirement or to address system issues?

Answer: The updated WSMP should comply with all State of Oregon requirements. However, the City is revising the WSMP ahead of schedule to address proposed large infrastructure projects, provide insights into the current system's operation, and analyze potential improvements for current and future conditions. Furthermore, the updated WSMP should also identify needs for future infrastructure projects, which likely will include developing a CIP or something similar. Additionally, the WSMP update will consider future planning needs related to declining groundwater levels in the area, as the City currently relies 100% on groundwater. It will also assess potential regulations on groundwater withdrawals and the possibility of reactivating the City's surface water rights to help reduce groundwater pumping and potentially store water in the basalt aquifers through ASR.

Question: How does the City envision using the hydraulic model?

Answer: The City aims to develop a hydraulic water model for the drinking water system to evaluate current conditions, including water quality, fire flow, water stagnation, and other typical hydraulic modeling outputs. This model could also assist in planning large infrastructure projects by analyzing the existing system to identify potential changes that might reduce significant capital investments (for instance, modifying pressure zones to lessen demand on wells and storage reservoirs). Additionally, the model would investigate water usage in a new proposed pressure zone at the southern end of town. The water model could help assess proposed developments and determine system impacts and necessary improvements.