

APPENDIX E: Comments



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MEMORANDUM

DATE May 17, 2021
TO Gerald Fisher, P.E., Public Works Director
City of Molalla
FROM Ryan Quigley, P.E.
The Dyer Partnership Engineers & Planners, Inc.
SUBJECT City of Molalla
Water Management, Conservation and Water System Master Plan – Agency Review
Revisions

Gerald,

The purposes of this memo is to document the revisions made to the Water Management, Conservation and Water System Master Plan based on reviews and comments provided by The City of Molalla, Oregon Health Authority and Oregon Water Resources Department. The changes made are as follows:

Section 1: Executive Summary

- 1.3 – Revised total project phase costs to reflect changes to overall cost estimates, and updated cost per EDU finance options based on revised Phase I total cost.

Section 2: Introduction

- No revisions.

Section 3: Study Area Characteristics

- 3.2 – Updated Figure 3.1.2 to reflect current zone designations.

Section 4: Regulatory Environment

- 4.2 – Updated requirements for coliform testing under the Surface Water Treatment Rule.

Section 5: Existing Water System

- 5.1 – Table 5.1.2 was updated to include additional flow details and information regarding the transfer of the Trout Creek water right (T-6319).
- 5.1 – Paragraph was added noting that the City does not have any exchange agreements, intergovernmental cooperation agreements, or water supply/ delivery contracts in place.

- 5.5 – Added a description of the City’s water main flushing program.
- 5.5 – A map of the flushing quadrants and fire hydrants used for flushing was added as Figure 5.5.1

Section 6: Water Use and Projected Demands

- 6.2 – A statement was added describing possible water loss associated with nonaccount water (lines installed prior to 1950).

Section 7: Planning and Design Criteria

- 7.3 – The 50 year life of the 1.2 MG storage reservoir was changed to 2026 in Table 7.3.1.

Section 8: Analysis and Improvement Alternatives

- 8.3 – A statement was added noting that the Water Treatment Plant is functioning as planned and has the capacity to meet future water demands.
- 8.5 – A recommendation for continued water system flushing and the inclusion of a water valve exercising program in conjunction with flushing procedures was added.
- 8.5 – Language was added highlighting the need to upsize the water lines serving the Molalla Elementary School and Molalla Wastewater Treatment Plant for fire flow purposes.

Section 9: Capital Improvement Plan

- 9.2 – A Phase II project was added to cover water line replacement on W. 7th St. (Project No. 16). Cost estimates were revised to include this additional project.
- 9.2 – A statement was added to the Distribution Facility Improvements, Project No. 4 (Pressure Reducing Valves), requiring coordination with system users during design to accommodate existing fire suppression systems.
- 9.2 – Cost estimates were updated to reflect changes made to the cost estimate breakdowns provided in the appendix.

Section 10: Capital Improvement Plan

- 10.3 – Updated Table 10.3.1 to revise cost per EDU finance options based on revised Phase I total cost.

Section 11: Water Conservation

- 11.2 – Added language about the steps the City is taking to implement a Water Audit and Loss Control program.
- 11.2 – Table 11.4.1 was updated to reflect the implementation of the Water Audit and Loss Control program by the end of 2023.

- 11.2 – The implementation of the Water Meter Testing program was revised to 2023 to align with the establishment of the Water Audit and Loss Control program.
- 11.2 – A statement was added that the Leak Detection program, as covered in Section 9, will be implemented by 2023.
- 11.3 – Updated Technical and Financial Assistance program to include utility charge reduction for confirmed water leaks and a benchmark to institute an educational program on the use of high efficiency water fixtures.
- 11.4 – Benchmark dates in Table 11.4.1 have been updated to represent current conservation planning and implementation schedule.

Section 12: Emergency Curtailment Plan

- No revisions.

Appendix

- A – The Oregon Water Resources Department approval letter for recycled water reuse land application was added to Appendix A.
- D – The project cost estimates were updated and replaced in Appendix D.

End of Memorandum