

CHAPTER 2

Introduction

The Morning View Water Company (MVWC) is a privately held public water system that is currently regulated by the Idaho Public Utilities Commission. The system services approximately 100 single family residences in an unincorporated area of Jefferson County Idaho. The intended purpose of this report is to provide an assessment of the existing water system and provide recommendations to maintain and improve the facilities.

The following topics are contained in the report:

- Existing System (Chapter 3)
- Water Requirements (Chapter 4)
- Water Supply and Storage (Chapter 5)
- Distribution (Chapter 6)
- Water Quality and Regulations (Chapter 7)
- Capital Improvement Plan (Chapter 8)

The report covers the current configuration of the water system as well as a projection of three years from now when the system will likely be completely finished - i.e. all interior lots sold and occupied. As a reference for construction time frame, in 2002 the system serviced approximately 65 connections.

History

In October 2007, MVWC entered into an agreement with the State of Idaho Department of Environmental Quality (DEQ) known as a consent order. The order made arrangements for MVWC to complete eight action items to come into compliance with current state and federal drinking water regulations. The eight items requiring MVWC action are:

- a. Correct and report deficiencies noted from the October 2003 sanitary survey and schedule a new sanitary survey with DEQ.
- b. Provide quarterly public notices to each residence on the system informing them of the DEQ's dis-approval of the system.
- c. Submit a written plan to DEQ detailing how MVWC will maintain 40 psi throughout the distribution system
- d. Complete a detailed facility plan in accordance with IDAPA 58.01.08.502
- e. Contract with a licensed operator.
- f. Submit a sampling plan addressing how MVWC will monitor the distribution system for bacteria.
- g. Sample four times for sand and report sampling results to DEQ or install a DEQ approved sand separator.
- h. Install adequate means of flushing dead-end mains.

FACILITY PLAN

orning View Water Company
Jefferson County, Idaho

SUBMITTED BY
ASPEN ENGINEERING, INC.



SCANNED

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