

WALES TOWN

CULINARY WATER SYSTEM MASTER PLAN 2021

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1.0 INTRODUCTION

Wales Town is a community in Sanpete County located approximately nine miles north of Ephraim. The Wales Town culinary water system provides water to approximately 373 residents for indoor and outdoor use, although a secondary water system is also available to a portion of the residences. To responsibly manage the current culinary water system and plan for future water demands and growth, Wales Town has commissioned this Culinary Water System Master Plan, which will serve as a planning tool as Wales moves into the future.

This Culinary Water System Master Plan is based on a five-point analysis of the Town's culinary water system, which includes water rights, source capacity, treatment, storage capacity, and distribution in accordance with the State of Utah Rules Governing Public Drinking Water Systems. This plan analyzes each aspect of the water system and identifies any deficiencies found in each of these areas. An accompanying hydraulic water model has been included to analyze the capacity of the existing distribution system. A capital improvements plan has also been included in this plan, which addresses the recommended improvements. The capital improvements plan includes an Engineer's Opinion of Probable Costs for the recommended improvements, along with a recommended timeline for implementation.

Figure 1.1: Area Map of Wales Town

AREA MAP

