

CHAPTER 1. INTRODUCTION

As part of its Growth Management Act (GMA) planning activities, Jefferson County (County) has designated the Port Hadlock and Irondale sewer service area as a potential center for County growth. Per the 1990 GMA, the County pursued the designation of an Urban Growth Area (UGA) in the Port Hadlock/Irondale service area. As part of the requirements for establishing an UGA, Jefferson County contracted with Tetra Tech (Tt) on December 5, 2005 to prepare a Sewer Facility Plan to study alternatives for developing a sewer system and identify the sewer planning boundary. This sewer planning boundary will likely coincide with the UGA boundary since urban services must be provided within an urban growth boundary and sanitary sewers are considered a key urban service.

The proposed Port Hadlock Urban Growth Area (PHUGA) is an unincorporated area located approximately six miles south of the City of Port Townsend, Washington, as shown in Figure 2-1.

Currently, the PHUGA is served by public water, but no sewer facilities exist. On-site treatment and disposal systems serve the existing dwellings and commercial establishments. This report is intended to assist the County in planning for sewer capacity to match their population growth targets. Planning for collection, treatment, and discharge or reuse facilities will allow sewer capacity to match population growth in a cost-effective manner that minimizes potential harm to the environment.

AUTHORIZATION AND SCOPE

Jefferson County contracted with Tetra Tech to prepare a Sewer Facility Plan that meets the Washington Administrative Code requirements for comprehensive sewer plans and engineering reports (WAC 173-240-050 and 173-240-060). This document will also meet the requirements for facilities plans established in the Code of Federal Regulations (40 CFR Part 35.2030). Under the project scope, the document is to address the following:

- Facilities planning constraints
- Planning area description
- Regulatory requirements
- Population, flow, and load analysis
- Collection system alternatives
- Wastewater treatment alternatives
- Disposal and reuse alternatives
- Alternatives evaluation and recommended facilities
- Public participation
- Implementation program
- Environmental documentation.

OWNERSHIP AND OPERATION OF PROPOSED FACILITIES

The owner of the proposed wastewater facilities described in this plan is Jefferson County Department of Public Works, P.O. Box 2070, Port Townsend, WA 98368. The owner's representative is Frank Gifford, Jefferson County Public Works Director (360) 385-9160.

The County will operate the proposed wastewater facilities described in this plan.

The County will retain ownership rights of the treated effluent from the proposed wastewater facilities described in this plan.

GOALS

The following goals were established for preparation of this Sewer Facility Plan:

- To identify the sewer planning boundary
- To develop and evaluate alternatives for wastewater collection, treatment, and disposal or reuse facilities to provide adequate hydraulic and treatment capacity for the planning period; provide planning level cost estimates for each; and recommend a preferred alternative.
- To estimate rate impacts for development of the recommended capital facilities.
- To evaluate implementation strategies for the recommended capital facilities.
- To develop a strategy for phased implementation of the recommended plan that will ensure adequate capacity throughout the planning period.