

Jefferson County Port Hadlock UGA Sewer Facility Plan

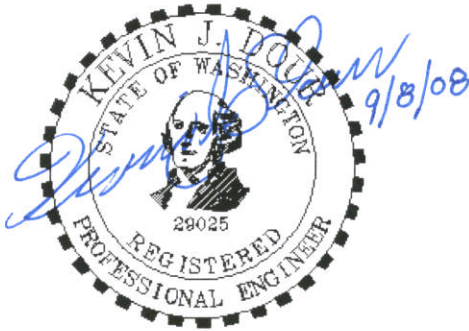
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Port Hadlock UGA Sewer Facility Plan

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PORT HADLOCK UGA - SEWER FACILITY PLAN

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EXECUTIVE SUMMARY

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 ES-1.

Currently, the PHUGA is served by public water, but no sewer facilities exist. On-site septic 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.

This Sewer Facility Plan 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).

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

- To identify the service area.
- To develop and evaluate alternatives for wastewater collection, treatment, and disposal 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.

The proposed service area for the new facilities includes the Study Area Boundary (20-year Sewer Service Area for sewer service availability within the 20-year planning horizon) and a Sewer Service Boundary (6-year Sewer Service Area) at the onset of this study. These Boundary Areas and land use/zoning classifications are shown in Figure ES-2.