

Olympic Pipeline Unit Descriptions

North Unit

The unit consists of a 5-mile long 16" line transporting refined petroleum products from BP Cherry Point pump station to the Ferndale Station. At the Ferndale Station, the pipeline receives additional products from ConocoPhillips refinery. The 16" line runs southward for 37.5 miles from Ferndale Station to Bayview Products Terminal, then continues 1.2 miles to Allen Station. At Anacortes pump station, the station receives refined products from Tesoro refinery and Shell refinery. A 9-mile long 16" line transports the refined products from Anacortes to Bayview Products Terminal, then continues to Allen Station. A 20" line runs from Allen Station to Renton Station for a distance of 75.5 miles. A 16" line runs 49.2 miles from Allen Station to Woodinville Station and continues south for 26.3 miles to Renton Station. There is 1 breakout tank at Anacortes, 6 breakout tanks at Bayview Products Terminal, and 1 breakout tank at Allen Station. The coating is coal tar over asbestos wrap.

South Unit

This inspection unit starts at the Renton Station (MP 112) to Washington/Oregon state line (MP 253). The mainline pipeline consists of 14-inch, 0.281-inch wall thickness, API 5L grade X52, ERW, U.S. Steel, 1965. The river crossing consists of 14-inch, 0.500-inch wall thickness, API 5L grade X42, ERW, California U.S. Steel, 1965. The coating is coal tar over asbestos wrap. The system has four pump stations located at Renton, Tacoma, Olympia, and Castle Rock. There are two lateral intrastate junction facilities, the Tacoma Junction and Vancouver Junction and 5 intrastate product delivery facilities, Seattle, Sea-Tac Terminal, Tacoma, Olympia, and Vancouver. The pipeline crosses the Green River at milepost (MP) 119.5; Puyallup River at MP 133; Nisqually River at MP 155; Cowlitz River near MP 199; and the Columbia River near MP 254. There is one breakout tank located at the Renton Station (T-116). Other breakout tanks are located at the end of the intrastate laterals (not part of the interstate unit).