

## **FUTURE COST ESTIMATE**

The following page represents the most current future cost estimates  
for PSE's Environmental Remediation Sites

## PUGET SOUND ENERGY UST REMEDIAL COST ESTIMATES

(Updated Dec 2017)

PSE Facility/Location	Site Status	Proposed Remedial Action	Estimated Cost of Proposed Remedial Action (\$)
Whidbey Service Center Oak Harbor, WA	USTs and majority of contaminated soil removed in 1999. Small volume of contaminated soil remains beneath building	VCP Program and GW Monitoring (New Wells) Soil excavation when building(s) is removed	30,000.00
Tenino Service Center Tenino, WA	USTs and majority of contaminated soil removed in 1991. Remaining small volume of contaminated soil removed Q4 2009.	Groundwater monitoring completed in 2012. Well abandonment to be completed in the future. Remedial excavation completed in Q4 2009.	-
Poulsbo Service Center Poulsbo, WA	6,000 gal. Gas & Diesel USTs	Natural Attenuation Soil excavation when building is removed.	20,000.00
Olympia Service Center (Post-EPRI Diesel Remediation) Olympia, WA	Diesel UST removed. Contaminated soil and ground water remains after EPRI air sparging program. Gas Spill Nov 99	Natural Attenuation and GW Monitoring (Existing Wells) Soil excavation when building(s) is removed	258,000.00
North Operating Base Seattle, WA	USTs removed in 1999. Diesel-contaminated soil remains beneath fuel island.	Site Characterization and GW Monitoring (New Wells) Soil excavation when fuel island is removed	100,000.00
Whitehorn Combustion Turbine	Leaking false start USTs discovered. Contaminated soil and groundwater is present.	Three false start tanks removed and one decommissioned in-place in 2012. Accessible contaminated soil was removed. Contaminated soil	96,000.00

PSE Facility/Location	Site Status	Proposed Remedial Action	Estimated Cost of Proposed Remedial Action (\$)
Green Mtn. Micro Wave Bremerton, WA	One UST	None	0
Rattlesnake Mtn. Micro Wave Issaquah, WA	One UST	None	0
Baker River Lower Concrete, WA	2,500 gal. Gas and Diesel USTs	None	0
Baker River Upper Concrete, WA	1,000 gal. Gas and Diesel USTs	None	0
Bellingham Service Center Bellingham, WA	10,000 gal. Gas and Diesel USTs removed Feb. 2016. No known USTs remain at site.	None	0
Factoria Service Center Bellevue, WA	10,000 gal. Gas and Diesel USTs	None	0

Kittitas Service Center Thorp, WA	5,000 gal. Gas and Diesel USTs	None	0
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<b>Cost Estimate Totals:</b>	504,000.00
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**Notes**  
<sup>1</sup> Unless noted, remedial costs do not include demolition of facilities and buildings to access contaminated soil.  
<sup>2</sup> Unless noted, groundwater monitoring estimate assumes three years of monitoring/sampling.  
<sup>3</sup> All estimated costs should be considered conceptual. They are not based on a detailed scope of service or design.