



PUGET
SOUND
ENERGY

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SECRETARY

May 17, 2005

Ms. Carole Washburn, Secretary
Washington Utilities & Transportation Commission
P.O. Box 47250
Olympia, WA 98504

Dear Ms. Washburn:

**Subject: Docket UG-920781 (WNG)
Docket UE-911476 (PSP&L)
Report on Environmental Issues for the period ending March 31, 2005**

FORMER WNG SITES

A. Tacoma Gas Company Site (Upland Source Control)

PSE is working with WDOE to develop an RI/FS and CAP/EDR documents for addressing portions of the site under the I-705 overpass. Periodic ground-water monitoring continues.

Remedial costs incurred through 3/31/05 \$ 713,043

B. Thea Foss Waterway

Remedy construction is complete. Monitoring of the utilities' remedy began in April 2004, as required by the agency approved Operation Maintenance and Monitoring Plan (OMMP). During the fall of 2004, recontamination of the Utilities' Work Area was discovered. The recontamination source was identified to be dredging completed by the City of Tacoma. The Utilities are working with EPA, WDOE and the City of Tacoma to address the "dredging" recontamination issue. Any necessary remedial work would be conducted during the upcoming construction season (August 2005 to February 2006).

Remedial costs incurred through 3/31/05 \$ 2,803,223

C. Everett, Washington

PSE continues regular monitoring of the results of the remediation already performed. The remedy chosen for this site was a containment wall with monitoring wells at both ends.

Remedial costs incurred through 3/31/05 \$ 1,243,820

D. Chehalis, Washington - Gas Site

PSE is developing a remedial plan as a result of recent indications of elevated concentrations of contamination discovered on the site. The Remedial Investigation and Feasibility Study (RI/FS) will be completed in 2005 with remediation planned for 2006.

Remedial costs incurred through 3/31/05 \$ 2,329,348

E. Gas Works Park

No change. The only ongoing activity is the monitoring of the remediation. This is the responsibility of the City of Seattle.

Remedial costs incurred through 3/31/05 \$ 2,573,828

F. 5th and Jackson

Union Station Associates and PSE settled the pending litigation in December 2002. We are still working with our insurance carriers to recover costs associated with the defense and settlement of this litigation.

Total investigative and settlement costs through 3/31/05 \$2,382,234

G. Quendall Terminals

There has been virtually no communication with PSE regarding this site for a few years. PSE has attempted to monitor activities, and we continue to deny liability. However, given the current estimate of costs, allegations by other parties, and our ongoing investigation, it remains difficult to estimate project costs. Historically, we have simply referenced the \$1,000,000 demand tendered by the City of Renton. However, we now believe that a potential range of costs more accurately reflects the risks faced by PSE at this site.

H. Lake Union

An Agreed Order (AO) between WDOE and PSE and the City of Seattle was executed on March 18, 2005 with the public notice period beginning the same day. The AO calls for PSE and the City to complete studies work in separate eastern and western study areas offshore of Gas Works Park. Sediment sampling, initiated by PSE in the eastern study

area in 2004 continued into the first quarter of 2005. Recent negotiations with WDOE have focused on development of the cleanup standard for sediments; supplemental sampling will be conducted in April 2005 to establish the cleanup boundary and cleanup levels. Remedial investigation/feasibility studies will continue throughout the remainder of 2005.

Remedial costs incurred through 3/31/05 \$ 3,251,263

I. Tacoma Tar Pits

The pump and treat system is operating and PSE continues to monitor system performance. Maintenance of site facilities (e.g., mowing of covered stabilized waste pile) and monitoring of ground water quality continues.

Remedial costs incurred through 3/31/05 \$ 36,847,170

J. Crossroads Business Office

The excavation of petroleum-contaminated soil, and earthwork was successfully completed during the 4th quarter of 2004. A "No Further Action" (NFA) letter was received from WDOE in March 2005.

Remedial costs incurred through 3/31/05 \$ 43,035

FORMER PUGET POWER SITES

A. Northwest Transformer, Mission Pole

PSE monitors this site, but it has very little additional activity following the completed remediation.

B. Puyallup Garage

PSE expects to perform remediation at this site in the future, but is presently monitoring the property only.

C. Underground Storage Tanks Status

Please see the attached spreadsheet. This provides a summary of our ongoing efforts associated with the investigation, remediation, and/or removal of underground storage tanks. Please note that the Crossroads Business Office UST-related cleanup and our estimate of related costs are described in item J above. The estimate of future expenditures in this category has been adjusted accordingly.

Projected Future Expenditures

\$ 210,000 - \$ 310,000

D. Buckley Headworks Site

Phase 1

Remediation of the first area of investigation was completed in 2002 in accordance with MTCA and WDOE has provided a No Further Action Letter. This phase of the project is completed and PSE has pursued insurance recovery for costs associated with the remediation of the wood treatment facility area.

Costs incurred thus far are substantially associated with our efforts to remediate this portion of the facility. As of 6/30/04, the total costs incurred are \$2,304,499.59.

However, costs incurred after 6/30/03 are associated with monitoring the work already completed.

Phase 2

PSE continues to investigate three other areas noted during our initial remediation work that will require remediation. The groundwater monitoring program was recently expanded to assess the full extent of impacts.

The full nature and cause of issues identified in these areas is not yet fully known.

Remedial costs incurred through 3/31/05

\$62,261

E. Duwamish Waterway (Potential New Site)

While PSE has not been formally designated as a PLP for this site in south Seattle, allegations have been made by other parties that PSE may have contributed to contamination in this Waterway as a result of the operations of a steam plant in the Georgetown area. It remains premature to determine either the merit of these claims or the amount of any formal claim that may be brought against PSE.

F. Olympia Capacitor Site

PSE used arbitration to reach an agreement with the property owner allowing for the cleanup of the known PCB contamination at the site. PCB-contaminated materials have been removed from the site to meet Ecology and EPA cleanup criteria. Field activities were completed on August 30, 2004. A "No Further Action" letter was received from WDOE on December 1, 2004.

Remedial costs incurred through 3/31/05

\$ 426,874

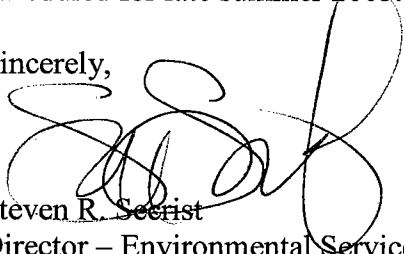
This list represents current major sites PSE is investigating, monitoring, or remediating. With respect to insurance litigation, PSE is still in the discovery stages of the PSE vs. Alba Insurance Co. et. al. case. The sites covered by this litigation include the following:

Gas Works Park,
Lake Union,

5th and Jackson (Lloyds only),
Chehalis,
Everett,
Thea Foss Waterway, and
22d and A Street MGP site (Tacoma).

The insurance companies have noted multiple depositions this quarter and that effort is expected to continue. However, the trial date was continued and is now tentatively scheduled for late summer 2005.

Sincerely,



Steven R. Seerist
Director – Environmental Services

Attachments

cc: Jim Eldredge
Mike Main
Karl Karzmar
Bert Valdman
Chuck Gordon
David Brenner
Mike Stranik
Jennifer O'Connor
Jim Hackbarth
Mike Stranik

**PUGET SOUND ENERGY
ELECTRIC
SUMMARY OF ENVIRONMENTAL DEFERRED REMEDIATION COSTS**

MARCH 31, 2005

September 2000 - forward SAP ORDER SAP ACCOUNT	SITE DESCRIPTION	All Remediation Costs Incurred?	All Insurance Proceeds Received?	Account Balance 12/31/2004	Activity (b)	Account Balance 3/31/2005 (c)=(a)+(b)	Inception To-Date Costs (d)	Inception To-Date Ins Proceeds (e)	Estimated Future Costs (f)	Accumulated Amortization Through 1st Qtr 3/31/2005 Dr. 40700001 (g)=(d)-(e))60mo.	Balance 3/31/2005 Closing (h)=(d)+(e)-(f)+(g)
18232221	Env Rem - Buckley-White River Phase II Future Est Cost	N	N	1,447,086.75	(9,347.84)	1,437,738.91			1,437,738.91		1,437,738.91
18232251	Buckley Phase II - Burn Pile & Wood Debris Env Rem Cost	N	N	52,913.25	9,347.84	62,261.09	62,261.09	0.00	1,437,738.91	0.00	62,261.09
	SUBTOTAL BUCKLEY HEADWORKS MTCA SITE			1,500,000.00	0.00	1,500,000.00	62,261.09	0.00	1,437,738.91	0.00	1,500,000.00
18233081	Env Rem - Olympia SVC Capacitor Site Future Est Cost	N	N	27,713.60	(4,588.36)	23,125.24			23,125.24		23,125.24
18232281	Env Rem - Olympia SVC Capacitor Site	N	N	422,286.40	4,588.36	426,874.76	426,874.76				426,874.76
	SUBTOTAL OLYMPIA SVC CAPACITOR SITE			450,000.00	0.00	450,000.00	426,874.76	0.00	23,125.24	0.00	450,000.00
18232241	Buckley Phase 1-Wood Treatment Area Env Remed Cost	Y	Y	930,978.00	(58,186.14)	872,791.86	2,304,499.59	(1,140,777.03)		(290,930.70)	872,791.86
18232271	Env Rem - Duwamish River Site (former Georgetown)	N	N	56,800.68		56,800.68 (A)	56,800.68				56,800.68
18232291	Env Rem - UG Tank - Bellevue G.O.	N	Y	50,000.00		50,000.00			50,000.00		50,000.00
18233051	Env Rem - UG Tank - Baker Lodge	Y	Y	9,185.60	(672.12)	8,513.48	13,442.34			(4,928.86)	8,513.48
18233061	Env Rem - UG Tank - Poulsbo Service Center	N	Y	10,000.00		10,000.00			10,000.00		10,000.00
18233071	Env Rem - UG Tank - Kent Fleet	Y	Y	23,459.83	(4,398.72)	19,061.11	87,974.39			(68,913.28)	19,061.11
	SUBTOTAL REMEDIATION SITE			1,080,424.11	(63,256.98)	1,017,167.13	2,462,717.00	(1,140,777.03)	60,000.00	(364,772.84)	1,017,167.13
	TOTAL ACCRUED ASSETS			3,030,424.11	(63,256.98)	2,967,167.13	2,951,852.85	(1,140,777.03)	1,520,864.15	(364,772.84)	2,967,167.13
22840011	NWT - Mission Pole Def Site	N	Y	(75,000.00)		(75,000.00) (B)		(75,000.00) (B)			(75,000.00)
22840021	Buckley White River Phase II Def Site	N	N	(1,447,086.75)	9,347.84	(1,437,738.91)			(1,437,738.91)		(1,437,738.91)
22840031	Olympia UST Def Site	N	Y	(129,471.05)		(129,471.05)	20,528.95	(150,000.00) (B)			(129,471.05)
22840041	Bremerton UST Def Site	N	Y	(3,273.81)		(3,273.81)	46,726.19	(50,000.00) (B)			(3,273.81)
22840051	Whidbey Island UST Def Site	N	Y	(15,000.00)		(15,000.00)		(15,000.00) (B)			(15,000.00)
22840061	Tenino UST Def Site	N	Y	(53,065.29)	593.66	(52,471.63)	22,528.37	(75,000.00) (B)			(52,471.63)
22840081	Puyallup Garage expensed Site	N	Y	(337,653.92)	237.00	(337,416.92)	12,583.08	(350,000.00) (B)			(337,416.92)
22840091	Bellevue GO UST Site	N	Y	(141,634.19)		(141,634.19)	8,365.81	(100,000.00) (C)	(50,000.00)		(141,634.19)
22840101	Env Rem - Centralia Plant	N	N	(140,000.00) (D1)		0.00					0.00
22840111	Poulsbo Service Center	N	Y	(10,000.00)		(10,000.00)			(10,000.00)		(10,000.00)
22840121	Olympia SVC Capacitor Def Site	N	Y	(27,713.60)	4,588.36	(23,125.24)			(23,125.24)		(23,125.24)
22841001	AETNA II Lawsuit unallocated proceeds	N/A	Y	(1,481,763.38)		(1,481,763.38)		(1,481,763.38)			(1,481,763.38)
	TOTAL ACCRUED LIABILITY			(3,861,661.99)	154,766.86	(3,706,895.13)	110,732.40	(2,296,763.38)	(1,520,864.15)	0.00	(3,706,895.13)
	TOTAL ACCRUED ASSETS & LIABILITIES			(831,237.88)	91,509.88	(739,728.00)	3,062,585.25	(3,437,540.41)	0.00	(364,772.84)	(739,728.00)

(A) Per Steve Secrist, PSE cannot determine the range at this time as the activity on the Duwamish River Site by the primary parties has ceased to involve PSE.
(B) All future cost estimate for this site has been received in the form of insurance proceeds.
(C) A portion of future cost estimate for this site has been received in the form of insurance proceeds.
(D1) Cash proceeds from sale of Centralia used to set aside for future environmental remediation.
(D2) Journal Entry #100029263 to release the accrual in accordance with the Centralia plant sales instructions, per Paul Wiegand.

**PUGET SOUND ENERGY, INC.
DEFERRED ENVIRONMENTAL COST SUMMARY**

**GAS
MAR 31, 2005**

September 1998 - forward SAP ORDER SAP ACCOUNT	Site Description	12/31/2004		Activity	3/31/2005		Env Services Project Cost Estimates 3/31/2005	Remediation Cost Estimates		Amortization Through 3/31/05 Dr. 40700002	Balance	
		Account Balance			Account Balance			18608022 18236022 22840002			3/31/05 Closing	
FORMER MANUFACTURED GAS SITES:												
TACOMA TIDE FLATS (TACOMA TAR PITS, THOGS, RIVER STREET)												
18601203	18608142	Legal Costs	9,351,936.58		9,351,936.58							9,351,936.58
18601102	18608112	Remediation Costs through June 1999	34,911,395.68	(84,449.99)								34,826,945.69
18601102	18608112	Remediation Costs post-June 1999	1,902,082.23	118,143.65			2,450,000.00	428,774.12				2,000,225.88
	18608152	Internal Costs pre-1997	209,786.52									209,786.52
		SUBTOTAL Tacoma Tide Flats	46,375,211.01	33,693.66			2,450,000.00	428,774.12				46,408,904.67
18602102	18608212	EVERETT		1,932.00			2,700,000.00	1,456,179.42				1,243,820.58
18602203	18608242	Legal Costs	8,717.50									8,717.50
		SUBTOTAL Everett	1,250,606.08	1,932.00			2,700,000.00	1,456,179.42				1,252,538.08
18603102	18608312	CHEHALIS		160,282.93			2,500,000.00	170,651.19				2,329,348.81
		Remediation Costs	2,169,065.88									
18604203	18608442	GAS WORKS - SEATTLE										881,434.75
18604102	18608412	Legal Costs	881,434.75									881,434.75
	18608452	Remediation Costs	2,573,828.37				3,200,000.00	626,171.63				2,573,828.37
		Internal Costs - pre-1997	366.95									366.95
		SUBTOTAL Gas Works - Seattle	3,455,630.07				3,200,000.00	626,171.63				3,455,630.07
18605203	18608542	WSDOT FEDERAL/STATE										379,591.40
18605102	18608512	Legal costs	379,591.40									379,591.40
		Remediation Costs										0.00
		SUB TOTAL	379,591.40									379,591.40
18606102	18608612	WSDOT UPLAND (Aka 22nd & A Street, Tacoma Gas Company Site)		10,222.18			1,100,000.00	386,956.64				713,043.36
18606203	18608642	Legal Costs	702,821.18									15,888.20
		Remediation Costs	15,888.20									15,888.20
		SUBTOTAL	718,709.38	10,222.18			1,100,000.00	386,956.64				728,931.56
18607102	18608712	WSDOT THEA FOSS										2,803,223.07
18607203	18608742	Remediation costs	2,716,635.21	86,587.86			6,500,000.00	3,696,776.93				2,803,223.07
		Legal costs	2,798,208.02	29,634.29								2,827,842.31
		SUBTOTAL	5,514,843.23	116,222.15			6,500,000.00	3,696,776.93				5,631,065.38
18608102	18608812	TULALUP										995.00
		Remediation costs	995.00									995.00
18609202	18608942	OMNIBUS INSURANCE LITIGATION (9 MFG. GAS SITES)		339,092.96								3,024,304.29
		Legal costs	2,685,211.33									3,024,304.29
18610102	18610112	5TH & JACKSON										2,382,234.26
18610104	18609132	Remediation costs	2,382,234.26									2,382,234.26
	18609122	Legal costs	1,196,863.98									1,196,863.98
	18610103	Legal cost recoveries	(1,413,413.82)									(1,413,413.82)
	18610105	Indemnity Insurance Proceeds	(1,075,000.00)									(1,075,000.00)
		SUBTOTAL	1,090,684.42									1,090,684.42

**PUGET SOUND ENERGY, INC.
DEFERRED ENVIRONMENTAL COST SUMMARY**

**GAS
MAR 31, 2005**

September 1999 - forward SAP ORDER SAP ACCOUNT	Site Description	12/31/2004		3/31/2005		Env Services Project Cost Estimates 3/31/2005	Remaining 18608022 18236022 22840002	Amortization Through 3/31/05 Dr. 40700002	Balance 3/31/05 Closing
		Account Balance	Activity	Account Balance	Cost Estimates 3/31/2005				
18611102	MERCER STREET Remediation costs	66,942.15	-	66,942.15	-	-	-	-	66,942.15
18612102	QUENDALL TERMINALS	-	-	-	1,000,000.00	1,000,000.00	-	-	0.00
18614102	LAKE UNION Remediation costs	2,658,910.50	592,353.33	3,251,263.83	25,000,000.00	25,000,000.00	21,748,736.17	-	3,251,263.83
18614202	Legal Costs	27,238.24	23,686.57	50,924.81	-	-	-	-	50,924.81
	SUBTOTAL	2,686,148.74	616,049.90	3,302,198.64	25,000,000.00	25,000,000.00	21,748,736.17	-	3,302,198.64
18608022	Estimated Future Costs	30,484,768.05	(968,521.95)	29,516,246.10	-	-	-	-	29,516,246.10 (f)
18608062	Insurance and Third Party Inception-to-Date Recoveries	(58,177,768.28)	-	(58,177,768.28)	-	-	-	-	(58,177,768.28)
	TOTAL - FORMER MANUFACTURED GAS SITES	\$ 38,700,838.46	\$ 307,973.83	\$ 39,008,812.29	\$ 44,450,000.00	\$ 44,450,000.00	\$ 23,516,246.10 (f)	\$ -	\$ 39,008,812.29

18230204 18230203 18230202 18230206 18230207 18230209 18230210 18230212	Site Description	Beg Bal Total Costs		Total Costs		Estimated Costs		Remaining Est		Accrued Debt		Ending Accr. Bal			
		18230204	18230203	18230202	18230206	18230207	18230209	18230210	18230212	18230204	18230203		18230202	18230206	18230207
	GAS UNDERGROUND STORAGE TANKS AND OTHER SITES	41,748.85	40,379.09	41,748.85	40,379.09	40,379.09	40,379.09	40,379.09	0.00	41,748.85	40,379.09	0.00			
	MERCER BUILDING (60 month amort began 2/98)	40,379.09	35,597.80	40,379.09	35,597.80	35,597.80	35,597.80	35,597.80	0.00	40,379.09	35,597.80	0.00			
	KENT OPERATING BASE (60 month amort began 5/1/98)	35,597.80	391,910.00	35,597.80	391,910.00	391,910.00	391,910.00	391,910.00	0.00	35,597.80	391,910.00	0.00			
	GEORGETOWN OPERATING BASE (60 month amort began 8/1/98)	391,910.00	22,430.30	414,340.30	22,430.30	22,430.30	22,430.30	22,430.30	0.00	414,340.30	22,430.30	0.00			
	CROSSROADS OPERATING BASE	22,430.30	65,737.77	88,168.07	65,737.77	65,737.77	65,737.77	65,737.77	0.00	88,168.07	65,737.77	0.00			
	TOTEM LAKE OPERATING BASE (60 month amort began 12/1/98)	65,737.77	101,631.83	167,369.60	101,631.83	101,631.83	101,631.83	101,631.83	0.00	167,369.60	101,631.83	0.00			
	UW TACOMA PIPELINE PROJECT (60 month amort began 1/1/00)	101,631.83	5,000.00	106,631.83	5,000.00	5,000.00	5,000.00	5,000.00	0.00	106,631.83	5,000.00	0.00			
	NORTH OPERATING BASE	5,000.00	5,000.00	10,000.00	5,000.00	5,000.00	5,000.00	5,000.00	0.00	10,000.00	5,000.00	0.00			
	SWARR STATION	5,000.00	5,000.00	10,000.00	5,000.00	5,000.00	5,000.00	5,000.00	0.00	10,000.00	5,000.00	0.00			
	TACOMA OFFICE	5,000.00	5,000.00	10,000.00	5,000.00	5,000.00	5,000.00	5,000.00	0.00	10,000.00	5,000.00	0.00			
	ESTIMATED FUTURE COSTS	5,000.00	5,000.00	10,000.00	5,000.00	5,000.00	5,000.00	5,000.00	0.00	10,000.00	5,000.00	0.00			
	ESTIMATED FUTURE INSURANCE RECOVERIES	5,000.00	5,000.00	10,000.00	5,000.00	5,000.00	5,000.00	5,000.00	0.00	10,000.00	5,000.00	0.00			
	TOTAL - GAS UNDERGROUND STORAGE TANKS	\$ 899,435.64	\$ 49,086.73	\$ 948,522.37	\$ 505,000.00	\$ 505,000.00	\$ 505,000.00	\$ 505,000.00	\$ 205,893.81	\$ 948,522.37	\$ 505,000.00	\$ 607,682.98			
	TOTAL - GAS STORAGE TANKS AND MANUFACTURED GAS SITES	\$ 39,400,074.10	\$ 357,080.56	\$ 39,757,154.66	\$ 44,855,000.00	\$ 44,855,000.00	\$ 23,516,246.10 (f)	\$ 205,893.81	\$ 39,616,295.25						

(f) September costs accumulated through May 31, 2004
 (g) Represents month of May 2004 Costs
 (h) Represents costs accumulated through May 31, 2004 at preliminary closing
 (i) Represents the total of the probable future less estimated costs
 (j) Represents remediation cost estimates
 (k) Represents balance in account 22840002 after quarterly run-up
 (l) Represents balance in account 22840002 after quarterly run-up
 (m) Represents costs accumulated for Swarr Station. Amount is written at this time.
 (n) Represents costs accumulated for Swarr Station. Amount is written at this time.

PUGET SOUND ENERGY UST REMEDIAL COST ESTIMATES (Page 1 of 2)
(updated 3/23/05)

PSE Facility/Location		Proposed Remedial Action	Estimated Cost of Proposed Remedial Action (\$)
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	None	0
Electron Forebay Orting, WA	550 gal. Gas and Diesel USTs	None	0
Electron Power House Orting, WA	500 gal. Gas and Diesel USTs	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
Olympia Service Center (Fuel Island) Olympia, WA	10,000 gal. Gas & Diesel USTs Gas spill Nov. '99	A. Natural Attenuation and GW Monitoring (Existing Wells) B. Soil excavation when Fuel Island is removed	A. 15,000 B. 50,000
Olympia Service Center (Post-EPRI Diesel Remediation) Olympia, WA	Diesel UST removed. Contaminated soil and ground water remains after EPRI air sparging program.	A. Natural Attenuation and GW Monitoring (Existing Wells) B. Soil excavation when building(s) is removed	A. 5,000 B. 100,000
Poulsbo Service Center Poulsbo, WA	6,000 gal. Gas & Diesel USTs	A. Natural Attenuation B. Soil excavation when building is removed.	A. 0 B. 10,000
Port Townsend Service Center Port Townsend, WA	6,000 gal. Gas & Diesel USTs	None	0
Skagit Service Center Burlington, WA	12,000 gal. Gas & Diesel USTs	None	0
Tacoma Office Tacoma, WA	10,000 gal. Gas UST	Soil excavation when tank is removed in 2005	5,000
Crystal Mtn. Gen. Greenwood, WA	Three USTs	None	0
Bellevue Office Emer. Gen. Bellevue, WA	One UST	None	0
Green Mtn. Micro Wave Bremerton, WA	One UST	None	0

Notes shown on Page 2 of 2

PUGET SOUND ENERGY UST REMEDIAL COST ESTIMATES (Page 2 of 2)

PSE Facility/Location	Site Status	Proposed Remedial Action	Estimated Cost of Proposed Remedial Action (\$)
Rattlesnake Mtn. Micro Wave Issaquah, WA	One UST	None	0
Bremerton Service Center Bremerton, WA	Three USTs and majority of contaminated soil removed in 1999. Contaminated soil remains at property boundary and beneath building	A. Well abandonment B. Soil excavation when building(s) is removed	A. 2,000 B. 50,000
Whidbey Service Center Oak Harbor, WA	USTs and majority of contaminated soil removed in 1999. Small volume of contaminated soil remains beneath building	A. VCP Program and GW Monitoring (New Wells) B. Soil excavation when building(s) is removed	A. 30,000 B. 15,000
Tenino Service Center Tenino, WA	USTs and majority of contaminated soil removed in 1991. Small volume of contaminated soil remains beneath building	A. Natural Attenuation and GW Monitoring (Existing Wells) B. Soil excavation when building(s) is removed	A. 15,000 B. 75,000
Mercer Operating Base Seattle, WA	Facility sold 1/2/01	None	0
Bellevue General Office Bellevue, WA	USTs removed in early 1990s. Contaminated soil remains adjacent to and beneath building. Ecology inquired re:site status February 2002	A. Natural Attenuation B. VES, if pushed by Ecology, or soil excavation when building(s) is removed	A. 25,000 B. 150,000
Buckley Headworks Buckley, WA	UST removed in 1980s. Assessment confirmed no contaminated soil remains.	None	0
North Operating Base Seattle, WA	USTs removed in 1999. Diesel-contaminated soil remains beneath fuel island.	A. Site Characterization and GW Monitoring (New Wells) B. Soil excavation when fuel island is removed	A. 20,000 B. 50,000

Cost Estimate Totals:

A. Ground Water Monitoring, Site Characterization, Natural Attenuation Only (No Remediation)	\$112,000
B. Remediation Only (No Monitoring)	\$505,000
A. & B. Ground Water Monitoring Followed by Remediation	\$617,000

Notes

- ¹ Remedial costs do not include demolition of facilities and buildings to access contaminated soil.
- ² Ground water monitoring estimate assumes three years of monitoring/sampling.
- ³ All estimated costs should be considered conceptual. They are not based on a detailed scope of service or design.