TABLES

TABLE 1
Sampling and Analysis Plan
The Village at Evergreen
Vancouver, Washington

	Cleanup Action Area	1A	1B	1C	1D	2 (Roberston's Paint Shop)				
	Physical Feature	Hanger Bldg 1	Hanger Bldg 2	Hanger Bldg 3	Hanger Bldg 4	Underground Sump	Wastewater Settlement Cells & Gutter	Cistern	Dry Well	2 ASTs
	Number and Location of Final Confirmation Soil Samples	4-Base, 4-Sidewall	6-Base, 4-Sidewall	7-Base	7-Base, 16-Sidewall	2-Base, 8-Sidewall	4-Base, 8-Sidewall	1-Base	1-Base, 1-Sediment	1- Base, 4-Sidewall
Analytical Parameter	Analytical Method									
Semi Volatile Organic Compounds (SVOCs)	EPA 8270C					SVOCs	SVOCs	SVOCs	SVOCs	
Polynuclear Aromatic Hydrocarbons (PAHs)	EPA 8270M-SIM					PAHs	PAHs	PAHs	PAHs	
Volatile Organic Compounds (VOCs)	EPA 8260B/5035					VOCs	VOCs	VOCs	VOCs	
Pesticides	EPA Method 8081A					Pesticides	Pesticides			
PCBs	EPA Method 8082					PCBs	PCBs			
Metals	EPA 6000/7000	Cd, Cr, and Pb				As, Cd, Cr, Pb, Zn, Cu, and Sn	As, Cd, Cr, Pb, Zn, Cu, and Sn	As, Cd, Cr, Pb, Zn, Cu, and Sn	As, Cd, Cr, Pb, Zn, Cu, and Sn	
Mercury (Hg)	EPA 7470A/7471A					Hg	Hg	Hg	Hg	
Synthetic Precipitation Leaching Process (SPLP)	EPA 1312					SPLP on Cd				
Total Petroleum Hydrocarbons - Hydrocarbon Identification	TPH-HCID					TPH-HCID	TPH-HCID	TPH-HCID	TPH-HCID	TPH-HCID
Total Petroleum Hydrocarbons - Gasoline-Range Organics	TPH-Gx					Hold pending TPH-HCID				
Total Petroleum Hydrocarbons - Diesel-Range Organics	TPH-Dx	TPH-Dx				Hold pending TPH-HCID				

TABLE 1
Sampling and Analysis Plan
The Village at Evergreen
Vancouver, Washington

	Cleanup Action Area	3			4		5			6		
	Physical Feature	Fueling Area	Active Dry Well & Piping	Abandoned Dry Well	Dry Well & Piping	South of Paint Booth	Used Oil Drum Storage	Bottomless Septic Tank	Dry Well & Piping	Septic Distribution Box	French Drain	Piping
	Number and Location of Final Confirmation Soil Samples	12-Base/26-sidewall	1-Base, 1-Sediment, Beneath Piping = 1/20ft	1-Base, 1-Fill Soil	1-Base, 1-Sediment, Beneath Piping = 1/20ft	2-Base, 4-Sidewall	1-Base	1-Base	1-Base, 1-Sediment, Beneath Piping = 1/20ft	1-Base/4-sidewall	1-Base, 1-Beneath Drain Line	Beneath Piping = 1/20ft
Analytical Parameter	Analytical Method											
Semi Volatile Organic Compounds (SVOCs)	EPA 8270C		SVOCs	SVOCs	SVOCs			SVOCs	SVOCs	SVOCs	SVOCs	SVOCs
Polynuclear Aromatic Hydrocarbons (PAHs)	EPA 8270M-SIM		PAHs	PAHs	PAHs			PAHs	PAHs	PAHs	PAHs	PAHs
Volatile Organic Compounds (VOCs)	EPA 8260B/5035	BETX, TBA, TAME, ETBE, Ethanol,	VOCs	VOCs	VOCs			VOCs	VOCs	VOCs	VOCs	VOCs
Pesticides	EPA Method 8081A											
PCBs	EPA Method 8082											
Metals	EPA 6000/7000	Pb	As, Cd, Cr, Pb, Zn, Cu, and Sn	As, Cd, Cr, Pb, Zn, Cu, and Sn	As, Cd, Cr, Pb, Zn, Cu, and Sn	Cd	Cd, Cr, and Pb	As, Cd, Cr, Pb, Zn, Cu, and Sn	As, Cd, Cr, Pb, Zn, Cu, and Sn	As, Cd, Cr, Pb, Zn, Cu, and Sn	As, Cd, Cr, Pb, Zn, Cu, and Sn	As, Cd, Cr, Pb, Zn, Cu, and Sn
Mercury (Hg)	EPA 7470A/7471A		Hg	Hg	Hg			Hg	Hg	Hg	Hg	Hg
Synthetic Precipitation Leaching Process (SPLP)	EPA 1312											
Total Petroleum Hydrocarbons - Hydrocarbon Identification	TPH-HCID	TPH-HCID	TPH-HCID	TPH-HCID	TPH-HCID			TPH-HCID	TPH-HCID	TPH-HCID	TPH-HCID	TPH-HCID
Total Petroleum Hydrocarbons - Gasoline-Range Organics	TPH-Gx	TPH-Gx	Hold pending TPH-HCID		Hold pending TPH-HCID			Hold pending TPH-HCID		Hold pending TPH-HCID		
Total Petroleum Hydrocarbons - Diesel-Range Organics	TPH-Dx	TPH-Dx	Hold pending TPH-HCID		Hold pending TPH-HCID		TPH-Dx	Hold pending TPH-HCID		Hold pending TPH-HCID		

TABLE 1
Sampling and Analysis Plan
The Village at Evergreen
Vancouver, Washington

	Cleanup Action Area	7	8		9	10	Monitoring Wells		
	Physical Feature	Surface Drain Feature	3 ASTs	Spilled Paint	Dry Well & Piping	Dry Well & Piping			
	Number and Location of Final Confirmation Soil Samples	2-Base/4-sidewall	1-Base/4-sidewall	1-Base/4-sidewall	1-Base, 1-Sediment, Beneath Piping = 1/20ft	1-Base, 1-Sediment, Beneath Piping = 1/20ft	MW-1	MW-2	MW-3
Analytical Parameter	Analytical Method								
Semi Volatile Organic Compounds (SVOCs)	EPA 8270C	SVOCs		SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs
Polynuclear Aromatic Hydrocarbons (PAHs)	EPA 8270M-SIM	PAHs		PAHs	PAHs	PAHs	PAHs	PAHs	PAHs
Volatile Organic Compounds (VOCs)	EPA 8260B/5035	VOCs		VOCs	VOCs	VOCs	VOCs	VOCs	VOCs
Pesticides	EPA Method 8081A						Pesticides	Pesticides	Pesticides
PCBs	EPA Method 8082						PCBs	PCBs	PCBs
Metals	EPA 6000/7000	As, Cd, Cr, Pb, Zn, Cu, and Sn		As, Cd, Cr, Pb, Zn, Cu, and Sn	As, Cd, Cr, Pb, Zn, Cu, and Sn	As, Cd, Cr, Pb, Zn, Cu, and Sn	As, Cd, Cr, Pb, Zn, Cu, and Sn	As, Cd, Cr, Pb, Zn, Cu, and Sn	As, Cd, Cr, Pb, Zn, Cu, and Sn
Mercury (Hg)	EPA 7470A/7471A	Hg		Hg	Hg	Hg	Hg	Hg	Hg
Synthetic Precipitation Leaching Process (SPLP)	EPA 1312								
Total Petroleum Hydrocarbons - Hydrocarbon Identification	TPH-HCID	TPH-HCID	TPH-HCID	TPH-HCID	TPH-HCID	TPH-HCID	TPH-HCID	TPH-HCID	TPH-HCID
Total Petroleum Hydrocarbons - Gasoline-Range Organics	TPH-Gx	Hold pending TPH-HCID	Hold pending TPH-HCID		Hold pending TPH-HCID	Hold pending TPH-HCID	Hold pending TPH-HCID	Hold pending TPH-HCID	Hold pending TPH-HCID
Total Petroleum Hydrocarbons - Diesel-Range Organics	TPH-Dx	Hold pending TPH-HCID	Hold pending TPH-HCID		Hold pending TPH-HCID	Hold pending TPH-HCID	Hold pending TPH-HCID	Hold pending TPH-HCID	Hold pending TPH-HCID

Notes:
BETX = Benzene, Ethylbenzene, Toluene, Xylenes; TBA = Tertiary-butyl alcohol; TAME = Tertiary-amyl methyl ether; ETBE = Ethyl tertiary-butyl ether.
Metals: As = Arsenic; Cd = Cadmium; Cr = Chromium; Pb = Lead; Zn = Zinc; Cu = Copper; Sn = Tin; Hg = Mercury.
Base : Base of floor of the excavation
sidewall: Side wall of the excavation
TPH-Dx = total petroleum hydrocarbons as diesel
TPH-Gx = total petroleum hydrocarbons as gasoline
TPH-HCID = total petroleum hydrocarbons as hydrocarbon identification

TABLE 2
Summary of Soil Chemical Analytical Results
Petroleum Hydrocarbons and Metals
The Village at Evergreen
Cleanup Action Areas 1A, 1B, 1C, and 1D
Vancouver, Washington

Sample Identification	Date	Location of Sample (Base or Sidewall)	Depth of Sample (feet BGS)	Field Screening Results		Hydrocarbon Indentification by Method NWTPH-HCID (mg/Kg)			Gasoline-Range Hydrocarbons by Method NWTPH-Gx (mg/Kg)	Diesel- and Oil-Range Hydrocarbons by Method NWTPH-Dx (mg/Kg)		Total Metals by EPA Method 6020 (ICPMS)/7471/7196A (mg/Kg)			
				Headspace Vapor (ppm)	Sheen	Gasoline Range	Diesel Range	Oil Range		Diesel	Oil	Cadmium	Total Chromium	Hexavalent Chromium	Lead
Cleanup Action Area 1A (Hangar Building No. 1)															
H1-11(0.5-1.0)	03/26/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	37.1 U	74.2 U	1.25 U	**14.8**	0.4 U	**8.83**
H1-9(0.5-1.0	03/26/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	34.4 U	68.9 U	1.25 U	**17.2**	0.4 U	**7.53**
H1-8(0.5-1.0)	03/26/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	33.2 U	66.4 U	1.32 U	**19.7**	0.4 U	**11.3**
H1-4-1(2.0-2.5)	03/31/08	Base	2-2.5	0.0	NS	NA	NA	NA	NA	28.6 U	57.2 U	1.31 U	**14**	0.4 U	**5.39**
H1-4-2(1.5-2.0)	03/31/08	Sidewall	1.5-2	0.0	NS	NA	NA	NA	NA	36.5 U	73.0 U	1.27 U	**14.6**	0.4 U	**8.69**
H1-4-3(1.5-2.0)	03/31/08	Sidewall	1.5-2	0.0	NS	NA	NA	NA	NA	30.7 U	61.4 U	1.25 U	**15.1**	0.4 U	**6.65**
H1-4-4(1.5-2.0)	03/31/08	Sidewall	1.5-2	0.0	NS	NA	NA	NA	NA	28.7 U	57.4	1.26 U	**22.3**	0.4 U	**6.97**
H1-4-5(1.5-2.0)	03/31/08	Sidewall	1.5-2	1.0	NS	NA	NA	NA	NA	31.1 U	62.7 U	1.26 U	**6.92**	0.4 U	**6.92**
Cleanup Action Area 1B (Hangar Building No. 2)															
H2-12(0.5-1.0	03/26/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	32.3 U	64.5 U	1.28 U	**13.6**	0.4 U	**9.74**
H2-20(0.5-1.0)	03/26/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	38.8 U	77.6 U	1.36 U	**12.9**	0.4 U	**6.47**
H2-18(0.5-1.0)[1]	03/26/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	31.0 U	**88.7**	1.18 U	**16.2**	0.4 U	**9.40**
H2-18-1(2.0-2.5)	04/07/08	Base	2.0-2.5	0.8	NS	NA	NA	NA	NA	34.4 U	68.7 U	1.34 U	**3.39**	NA	**3.60**
H2-18-2(1.5-2.0)	04/07/08	Sidewall	1.5-2.0	1	NS	NA	NA	NA	NA	24.7 U	49.3 U	1.30 U	**3.14**	NA	**3.86**
H2-18-3(1.5-2.0)	04/07/08	Sidewall	1.5-2.0	1.5	NS	NA	NA	NA	NA	25.6 U	51.2 U	1.26 U	**2.81**	NA	**4.16**
H2-18-4(1.5-2.0)	04/07/08	Sidewall	1.5-2.0	0.8	NS	NA	NA	NA	NA	33.6 U	67.2 U	1.30 U	2.61 U	NA	**3.96**
H2-18-5(1.5-2.0)	04/07/08	Sidewall	1.5-2.0	2	NS	NA	NA	NA	NA	32.6 U	65.1 U	1.13 U	**2.44**	NA	**2.91**
H2-15(0.5-1.0	03/26/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	36.8 U	73.6 U	1.37 U	**16.7**	0.4 U	**10.7**
H2-17(0.5-1.0)	03/26/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	35.3 U	70.6 U	1.14 U	**12.2**	0.4 U	**7.39**
H2-13 (0.5-0.75)	04/18/08	Base	0.5-0.75	0.0	NS	NA	NA	NA	NA	25.6 U	51.2 U	1.43 U	**15.2**	NA	**8.60**
Cleanup Action Area 1C (Hangar Building No. 3)															
H3-26 (0.5-1.0)	03/24/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	26.4 U	52.9 U	1.08 U	**15.9**	0.4 U	**6.4**
H3-29a (0.5-1.0)	03/24/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	25.8 U	51.7 U	1.16 U	**18.7**	0.4 U	**8.01**
H3-29b (0.5-1.0)	03/24/08	Base	0.5-1.0	2.5	NS	NA	NA	NA	NA	25.1 U	50.3 U	1.26 U	**18.1**	0.4 U	**7.21**
H3-31a (0.5-1.0)	03/24/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	30.0 U	59.9 U	1.12 U	**17.0**	0.4 U	**7.09**
H3-31b (0.5-1.0)	03/24/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	26.6 U	53.2 U	1.30 U	**18.3**	0.4 U	**7.12**
H3-23 (0.5-1.0)	03/24/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	23.7 U	47.4 U	1.28 U	**15.8**	0.4 U	**94.0**
H3-32 (0.5-1.0)	03/24/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	30.4 U	60.8 U	1.30 U	**16.0**	0.4 U	**8.23**
Cleanup Action Area 1D (Hangar Building No. 4)															
H4-37(0.5-1.0)[1]	03/24/08	Base	0.5-1.0	3.6	NS	NA	NA	NA	NA	28.0 U	**140**	**1.31**	**21.1**	0.4 U	**16.3**
Dup-2[1]	03/24/08	H4-37 Duplicate	0.5-1.0	3.6	NS	NA	NA	NA	NA	32.8 U	**115**	1.46 U	**2.93**	0.4 U	**1.46**
H4-37-1(1.5-2.0)	04/07/08	Base	1.5-2.0	0.9	NS	NA	NA	NA	NA	26.2 U	52.5 U	1.31 U	**16.2**	NA	**6.67**
H4-37-2(1.0-1.5)	04/07/08	Sidewall	1.0-1.5	0.4	NS	NA	NA	NA	NA	29.3 U	58.7 U	1.47 U	**16.6**	NA	**6.68**
H4-37-3(1.0-1.5)	04/07/08	Sidewall	1.0-1.5	0.7	NS	NA	NA	NA	NA	30.9 U	61.9 U	1.21 U	**2.94**	NA	**3.25**
H4-37-4(1.0-1.5)	04/07/08	Sidewall	1.0-1.5	0.6	NS	NA	NA	NA	NA	32.1 U	64.2 U	1.36 U	2.71 U	NA	**2.60**
H4-37-5(1.0-1.5)	04/07/08	Sidewall	1.0-1.5	0.2	NS	NA	NA	NA	NA	33.2 U	66.3 U	1.39 U	**3.17**	NA	**3.70**
H4-47 (0.5-1.0)	03/24/08	Base	0.5-1.0	0.7	NS	NA	NA	NA	NA	33.1 U	66.2 U	1.11 U	**12.2**	0.4 U	**9.31**
H4-36 (0.5-1.0)[1]	03/24/08	Base	0.5-1.0	0.7	NS	NA	NA	NA	NA	**41.0**	**333**	1.28 U	**14.0**	0.4 U	**18**
H4-36-1(1.5-2.0)	04/07/08	Base	1.5-2.0	0.1	NS	NA	NA	NA	NA	26.7 U	53.3 U	1.19 U	**2.67**	NA	**2.91**
H4-36-2(1.0-1.5)	04/07/08	Sidewall	1.0-1.5	0.2	NS	NA	NA	NA	NA	26.9 U	53.9 U	1.38 U	2.76 U	NA	**2.96**
H4-36-3(1.0-1.5)	04/07/08	Sidewall	1.0-1.5	0.2	NS	NA	NA	NA	NA	27.4 U	54.7 U	1.39 U	2.77 U	NA	**2.87**

TABLE 2
Summary of Soil Chemical Analytical Results
Petroleum Hydrocarbons and Metals
The Village at Evergreen
Cleanup Action Areas 1A, 1B, 1C, and 1D
Vancouver, Washington

Sample Identification	Date	Location of Sample (Base or Sidewall)	Depth of Sample (feet BGS)	Field Screening Results		Hydrocarbon Indentification by Method NWTPH-HCID (mg/Kg)			Gasoline-Range Hydrocarbons by Method NWTPH-Gx (mg/Kg)	Diesel- and Oil-Range Hydrocarbons by Method NWTPH-Dx (mg/Kg)		Total Metals by EPA Method 6020 (ICPMS)/7471/7196A (mg/Kg)			
				Headspace Vapor (ppm)	Sheen	Gasoline Range	Diesel Range	Oil Range		Diesel	Oil	Cadmium	Total Chromium	Hexavalent Chromium	Lead
H4-36-4(1.0-1.5)	04/07/08	Sidewall	1.0-1.5	0.3	NS	NA	NA	NA	NA	26.5 U	53.1 U	1.37 U	2.74 U	NA	**2.04**
H4-36-5(1.0-1.5)	04/07/08	Sidewall	1.0-1.5	0.2	NS	NA	NA	NA	NA	30.0 U	60.0 U	1.28 U	**2.66**	NA	**2.92**
H4-40 (0.5-1.0)	03/24/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	32.3 U	64.5 U	1.12 U	**12.2**	0.4 U	**6.52**
H4-41 (0.5-1.0)[1]	03/24/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	29.8 U	**158**	1.23 U	**15.8**	0.4 U	**10.6**
H4-41-1(2.0-2.5)	04/07/08	Base	2.0-2.5	0.5	NS	NA	NA	NA	NA	33.0 U	66.1 U	1.22 U	**12.8**	NA	**5.90**
H4-41-2(1.5-2.0)	04/07/08	Sidewall	1.5-2.0	0.3	NS	NA	NA	NA	NA	27.6 U	55.1 U	1.20 U	**15.4**	NA	**6.83**
H4-41-3(1.5-2.0)	04/07/08	Sidewall	1.5-2.0	0.6	NS	NA	NA	NA	NA	29.8 U	59.6 U	1.31 U	**15.8**	NA	**6.07**
H4-41-4(1.5-2.0)	04/07/08	Sidewall	1.5-2.0	0.5	NS	NA	NA	NA	NA	26.1 U	52.1 U	1.23 U	**15.2**	NA	**6.39**
H4-41-5(1.5-2.0)	04/07/08	Sidewall	1.5-2.0	0.3	NS	NA	NA	NA	NA	32.7 U	65.3 U	1.37 U	**13.5**	NA	**6.39**
Dup-4	04/07/08	H4-41-5 Duplicate	1.5-2.0	0.3	NS	NA	NA	NA	NA	35.3 U	70.5 U	1.35 U	**13.6**	NA	**6.81**
H4-34 (0.5-1.0)[1]	03/24/08	Base	0.5-1.0	0.0	NS	NA	NA	NA	NA	29.5 U	**88.4**	1.18 U	**14.5**	0.4 U	**10.2**
H4-34-1(2.0-2.5)	04/07/08	Base	2.0-2.5	0.1	NS	NA	NA	NA	NA	27.5 U	54.9 U	1.24 U	**2.72**	NA	**3.17**
H4-34-2(1.5-2.0)	04/07/08	Sidewall	1.5-2.0	0.2	NS	NA	NA	NA	NA	30.1 U	60.3 U	1.35 U	2.70 U	NA	**2.47**
H4-34-3(1.5-2.0)	04/07/08	Sidewall	1.5-2.0	0.2	NS	NA	NA	NA	NA	31.5 U	63.0 U	1.27 U	**3.16**	NA	**4.24**
H4-34-4(1.5-2.0)	04/07/08	Sidewall	1.5-2.0	0.4	NS	NA	NA	NA	NA	31.7 U	63.3 U	1.23 U	**3.22**	NA	**3.54**
H4-34-5(1.5-2.0)	04/07/08	Sidewall	1.5-2.0	0.3	NS	NA	NA	NA	NA	30.5 U	61.0 U	1.37 U	**3.31**	NA	**4.39**
H4-42(0.5-1.0)	04/11/08	Base	0.5-1.0	0.1	NS	NA	NA	NA	NA	20.5 U	41.1 U	1.24 U	**14.9**	NA	**8.37**
MTCA Method A Cleanup Level			NA	NA	NE	NE	NE	NE	100	2,000	2,000	2	2,000	19	250

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated diesel- and/or heavy oil-range hydrocarbons.
Bold: Indicates analyte detection above the laboratory MRL. Each MRL is reported.
U: Not detected above the laboratory MRL. Each MRL is reported.
DET: Compound was detected at or above the laboratoy MRL. Each MRL is reported.
Shading indicates detected concentration greater than the MTCA Method A Cleanup Level.

TABLE 3
Soil Chemical Analytical Results
Petroleum Hydrocarbons
The Village at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Location of Sample	Field Screening Results		Hydrocarbon Indentification by Method NWTPH-HCID (mg/Kg)			Gasoline-Range Hydrocarbons by Method NWTPH-Gx (mg/Kg)	Diesel- and Oil-Range Hydrocarbons by Method NWTPH-Dx (mg/Kg)	
				Headspace Vapor (ppm)	Sheen	Gasoline Range	Diesel Range	Oil Range		Diesel	Oil
Drainage Feature / Sump											
CAA-2-14(4-4.5)[1]	04/18/08	4-4.5	Sidewall	0.0	NS	21.5 U	53.6 U	107 U	NA	NA	NA
CAA-2-15(4-4.5)	04/18/08	4-4.5	Sidewall	0.0	NS	19.5 U	48.8 U	97.6 U	NA	NA	NA
CAA-2-18(8.0-8.5)	05/06/08	8.0-8.5	Sidewall	1.2	NS	20.4 U	51.0 U	102 U	NA	NA	NA
CAA-2-19(8.5-9.0)[1]	05/06/08	8.5-9.0	Sidewall	0.2	NS	20.9 U	52.3 U	105 U	NA	NA	NA
CAA-2-20(8.0-8.5)	05/06/08	8.0-8.5	Sidewall	0.1	NS	20.5 U	51.3 U	103 U	NA	NA	NA
CAA-2-21(8.5-9.0)	05/06/08	8.5-9.0	Sidewall	0.1	NS	21.9 U	54.6 U	109 U	NA	NA	NA
CAA-2-22(10.5-11.0)	05/06/08	10.5-11.0	Sidewall	0.2	NS	21.1 U	52.9 U	106 U	NA	NA	NA
CAA-2-23(11.0-11.5)[1]	05/06/08	11.0-11.5	Sidewall	0.3	NS	21.0 U	52.5 U	**335**[3]	NA	NA	NA
CAA-2-23ox(11.0-11.5)	06/05/01	11.0-11.5	Sidewall	NA	NA	NA	NA	NA	NA	24.5 U	49.1U
CAA-2-24(10.5-11.0)[1]	05/06/08	10.5-11.0	Sidewall	0.8	NS	21.8 U	54.5 U	**136**[3]	NA	NA	NA
CAA-2-24ox(10.5-11.0)[1]	05/22/08	10.5-11.0	Sidewall	NA	NA	NA	NA	NA	NA	**29.7**	**162**
CAA-2-25(10.0-10.5)[1]	05/06/08	10.0-10.5	Sidewall	0.7	NS	21.4 U	53.6 U	107 U	NA	NA	NA
CAA-2-26(12.5-13.0)[1]	05/06/08	12.5-13.0	Base	0.1	NS	21.1 U	52.7 U	**507**[3]	NA	NA	NA
CAA-2-26ox(14.0-15.0)	05/22/08	14.0-15.0	Base	NA	NA	NA	NA	NA	NA	19.9 U	39.8 U
CAA-2-27(12.5-13.0)	05/06/08	12.5-13.0	Base	0.1	NS	21.6 U	54.0 U	108 U	NA	NA	NA
Wastewater Settlement Cells & Gutter											
CAA-2-1(3.0-3.5)[1]	04/09/08	3.0-3.5	Base	0.6	NS	22.4 U	56.1 U	112 U	NA	NA	NA
CAA-2-2(3.0-3.5)[1]	04/09/08	3.0-3.5	Base	0.4	NS	21.3 U	53.4 U	107 U	NA	NA	NA
CAA-2-3(3.0-3.5)	04/10/08	3.0-3.5	Base	0.9	NS	19.5 U	48.7 U	97.4 U	NA	NA	NA
CAA-2-4(2.5-3.0)	04/10/08	2.5-3.0	Sidewall	1.0	NS	22.1 U	55.2 U	110 U	NA	NA	NA
CAA-2-5(1.5-2.0)	04/10/08	1.5-2.0	Sidewall	1.0	NS	22.6 U	56.4 U	113 U	NA	NA	NA
CAA-2-6(2.0-2.5)	04/10/08	2.0-2.5	Sidewall	0.7	NS	20.6 U	51.5 U	103 U	NA	NA	NA
CAA-2-7(2.0-2.5)[1]	04/10/08	2.0-2.5	Sidewall	0.5	NS	23.3 U	58.3 U	**Detected**	NA	25.5 U	51.0 U
CAA-2-8(2.5-3.0)[1]	04/10/08	2.5-3.0	Sidewall	0.3	NS	23.8 U	59.4 U	119 U	NA	NA	NA
CAA-2-9(2.5-3.0)	04/10/08	2.5-3.0	Sidewall	1.0	NS	23.4 U	58.4 U	117 U	NA	NA	NA
CAA-2-10(1.5-2.0)[1]	04/10/08	1.5-2.0	Sidewall	0.7	NS	19.8 U	49.6 U	99.2 U	NA	NA	NA
CAA-2-11(2.0-2.5)[1]	04/10/08	2.0-2.5	Sidewall	0.6	NS	24.5 U	61.1 U	122 U	NA	NA	NA

TABLE 3
Soil Chemical Analytical Results
Petroleum Hydrocarbons
The Village at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Location of Sample	Field Screening Results		Hydrocarbon Indentification by Method NWTPH-HCID (mg/Kg)			Gasoline-Range Hydrocarbons by Method NWTPH-Gx (mg/Kg)	Diesel- and Oil-Range Hydrocarbons by Method NWTPH-Dx (mg/Kg)	
				Headspace Vapor (ppm)	Sheen	Gasoline Range	Diesel Range	Oil Range		Diesel	Oil
Cistern											
CAA-2-12(0.0-0.5)	04/11/08	0.0-0.5	Near Surface	0.5	NS	22.8 U	56.9 U	114 U	NA	NA	NA
Dup-7	04/11/08	0.0-0.5	CAA-2-12 Duplicate	0.5	NS	22.9 U	57.2 U	114 U	NA	NA	NA
Dry Well											
Drywell-6 (19.5-20)[1]	03/20/08	19.5-20	Beneath Dry Well	NA	NA	18.6 U	46.5 U	93.1 U	NA	NA	NA
DrywellSeds-6	03/20/08	15-15.5	Sediment Within Dry Well	NA	NA	15.4 U	38.4 U	76.8 U	NA	NA	NA
Spoils Removed During Dry Well Decommissioning											
Stockpile-6[1]	03/20/08	NA	stockpile	NA	NA	22.1 U	55.2 U	110 U	NA	NA	NA
ASTs											
AST-1(0.5-0.75)[1]	04/09/08	0.5-0.75	Base	0.3	NS	22.8 U	**Dectected**	114 U	NA	NA	NA
AST-1ox (0.75-1)	04/18/08	0.75-1.0	Base	0	NS	21.7 U	54.2 U	108 U	NA	NA	NA
AST-2-1(6.0-6.5)	04/09/08	6.0-6.5	Base	1.1	NS	18.2 U	45.4 U	90.8 U	NA	NA	NA
AST-2-2(4.0-4.5)	04/09/08	4.0-4.5	Sidewall	0.6	NS	22.7 U	56.7 U	113 U	NA	NA	NA
AST-2-3(4.0-4.5)	04/09/08	4.0-4.5	Sidewall	0.5	NS	19.9 U	49.9 U	99.7 U	NA	NA	NA
AST-2-4(3.0-3.5)	04/09/08	3.0-3.5	Sidewall	0.3	NS	21.8 U	54.4 U	109 U	NA	NA	NA
AST-2-5(3.0-3.5)	04/09/08	3.0-3.5	Sidewall	0.4	NS	21.1 U	52.8 U	106 U	NA	NA	NA
MTCA Regulatory Criteria[2]				NA	NA	NE	NE	NE	100	2,000	2,000

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated PAHs, PCBs, Organochlorine Pesticides, VOCs, SVOCs, chromium, diesel-, and/or heavy oil-range hydrocarbons.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
Shading indicates detected concentration greater than the MTCA Method A Cleanup Level.
Bold: Indicates analyte detection above the laboratory MRL. Each MRL is reported.
U: Not detected above the laboratory MRL. Each MRL is reported.
Shading indicates detected concentration greater than the MTCA Method A cleanup level.

TABLE 4
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	Location of Sample	EPA Method 8260B/5035A and 8015M (µg/Kg)													
					Acetone	Acrylonitrile	Benzene	Bromobenzene	Bromodichloromethane	Bromoform	Bromomethane	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane
Drainage Feature / Sump																		
CAA-2-14(4-4.5)[1]	04/18/08	4-4.5	NA	Sidewall	58 U	12 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U
CAA-2-15(4-4.5)	04/18/08	4-4.5	NA	Sidewall	62 U	12 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U
CAA-2-18(8.0-8.5)	05/06/08	8.0-8.5	NA	Sidewall	51 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	5.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.1 U
CAA-2-19(8.5-9.0)[1]	05/06/08	8.5-9.0	NA	Sidewall	**180**	11 U	**1.4**	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-19ox(8.5-9.0)	05/22/08	8.5-9.0	NA	Sidewall	63 U	13 U	1.3 U	1.3 U	1.3 U	1.3 U	6.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.3 U
CAA-2-20(8.0-8.5)	05/06/08	8.0-8.5	NA	Sidewall	54 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-21(8.5-9.0)	05/06/08	8.5-9.0	NA	Sidewall	54 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-22(10.5-11.0)	05/06/08	10.5-11.0	NA	Sidewall	56 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U
CAA-2-23(11.0-11.5)[1]	05/06/08	11.0-11.5	NA	Sidewall	53 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U
CAA-2-23ox(11.0-11.5)	05/22/08	11.0-11.5	NA	Sidewall	**72**	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-24(10.5-11.0)[1]	05/06/08	10.5-11.0	NA	Sidewall	55 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U
CAA-2-25(10.0-10.5)[1]	05/06/08	10.0-10.5	NA	Sidewall	**88**	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-25ox(10.0-10.5)	05/22/08	10.0-10.5	NA	Sidewall	52 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	5.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.2 U
CAA-2-26(12.5-13.0)[1]	05/06/08	12.5-13.0	NA	Base	**84**	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-26ox(14.0-15.0)	05/22/08	14.0-15.0	NA	Base	54 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-27(12.5-13.0)	05/06/08	12.5-13.0	NA	Base	54 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
Wastewater Settlement Cells & Gutter																		
CAA-2-1(3.0-3.5)[1]	04/09/08	3.0-3.5	NA	Base	56 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U
CAA-2-2(3.0-3.5)[1]	04/09/08	3.0-3.5	NA	Base	53 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U
CAA-2-3(3.0-3.5)	04/10/08	3.0-3.5	NA	Base	54 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-4(2.5-3.0)	04/10/08	2.5-3.0	NA	Sidewall	54 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-5(1.5-2.0)	04/10/08	1.5-2.0	NA	Sidewall	61 U	12 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U
CAA-2-6(2.0-2.5)	04/10/08	2.0-2.5	NA	Sidewall	61 U	12 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U
CAA-2-7(2.0-2.5)[1]	04/10/08	2.0-2.5	NA	Sidewall	63 U	13 U	1.3 U	1.3 U	1.3 U	1.3 U	6.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.3 U
CAA-2-8(2.5-3.0)[1]	04/10/08	2.5-3.0	NA	Sidewall	59 U	12 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U
CAA-2-9(2.5-3.0)	04/10/08	2.5-3.0	NA	Sidewall	61 U	12 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U
CAA-2-10(1.5-2.0)[1]	04/10/08	1.5-2.0	NA	Sidewall	61 U	12 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U
CAA-2-11(2.0-2.5)[1]	04/10/08	2.0-2.5	NA	Sidewall	61 U	12 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U
Cistern																		
CAA-2-12(0.0-0.5)	04/11/08	0.0-0.5	NA	Near Surface	56 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U
Dup-7	04/11/08	0.0-0.5	NA	Near Surface	57 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U
Dry Well																		
Drywell-6 (19.5-20)[1]	03/20/08	19.5-20	4.5-5	Beneath Dry Well	60 U	12 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U
DrywellSeds-6	03/20/08	15-15.5	NA	Sediment Within Dry Well	54 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
Spoils Removed During Dry Well Decommissioning																		
Stockpile-6[1]	03/20/08	NA	NA	Stockpile	**35**	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U
Stockpile-23	04/22/08	NA	NA	Stockpile	55 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U
Stockpile-24	04/22/08	NA	NA	Stockpile	64 U	13 U	1.3 U	1.3 U	1.3 U	1.3 U	6.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.4 U
Stockpile-26[1]	04/22/08	NA	NA	Stockpile	**220**	12 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U
MTCA Regulatory Criteria[3]					8,000,000[3]	1,900[4]	30	NE	16,000[4]	130,000[4]	110,000[3]	NE	NE	NE	7,700[4]	1,600,000[3]	NE	NE

TABLE 4
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	Location of Sample	EPA Method 8260B/5035A and 8015M (µg/Kg)														
					2-Chloroethyl vinyl ether	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane (EDB)	Dibromomethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane (EDC)	1,1-Dichloroethene
Drainage Feature / Sump																			
CAA-2-14(4-4.5)[1]	04/18/08	4-4.5	NA	Sidewall	58 U	5.8 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U
CAA-2-15(4-4.5)	04/18/08	4-4.5	NA	Sidewall	62 U	6.2 U	1.2 U	1.2 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U
CAA-2-18(8.0-8.5)	05/06/08	8.0-8.5	NA	Sidewall	51 U	5.1 U	1.0 U	1.0 U	1.0 U	5.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.1 U	1.0 U	1.0 U	1.0 U
CAA-2-19(8.5-9.0)[1]	05/06/08	8.5-9.0	NA	Sidewall	54 U	5.4 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U
CAA-2-19ox(8.5-9.0)	05/22/08	8.5-9.0	NA	Sidewall	63 U	6.3 U	1.3 U	1.3 U	1.3 U	6.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.3 U	1.3 U	1.3 U	1.3 U
CAA-2-20(8.0-8.5)	05/06/08	8.0-8.5	NA	Sidewall	54 U	5.4 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U
CAA-2-21(8.5-9.0)	05/06/08	8.5-9.0	NA	Sidewall	54 U	5.4 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U
CAA-2-22(10.5-11.0)	05/06/08	10.5-11.0	NA	Sidewall	56 U	5.6 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U
CAA-2-23(11.0-11.5)[1]	05/06/08	11.0-11.5	NA	Sidewall	53 U	5.3 U	1.1 U	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U
CAA-2-23ox(11.0-11.5)	05/22/08	11.0-11.5	NA	Sidewall	54 U	5.4 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U
CAA-2-24(10.5-11.0)[1]	05/06/08	10.5-11.0	NA	Sidewall	55 U	5.5 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U
CAA-2-25(10.0-10.5)[1]	05/06/08	10.0-10.5	NA	Sidewall	54 U	5.4 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U
CAA-2-25ox(10.0-10.5)	05/22/08	10.0-10.5	NA	Sidewall	52 U	5.2 U	1.0 U	1.0 U	1.0 U	5.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.2 U	1.0 U	1.0 U	1.0 U
CAA-2-26(12.5-13.0)[1]	05/06/08	12.5-13.0	NA	Base	54 U	5.4 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U
CAA-2-26ox(14.0-15.0)	05/22/08	14.0-15.0	NA	Base	54 U	5.4 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U
CAA-2-27(12.5-13.0)	05/06/08	12.5-13.0	NA	Base	54 U	5.4 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U
Wastewater Settlement Cells & Gutter																			
CAA-2-1(3.0-3.5)[1]	04/09/08	3.0-3.5	NA	Base	56 U	5.6 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U
CAA-2-2(3.0-3.5)[1]	04/09/08	3.0-3.5	NA	Base	53 U	5.3 U	1.1 U	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U
CAA-2-3(3.0-3.5)	04/10/08	3.0-3.5	NA	Base	54 U	5.4 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U
CAA-2-4(2.5-3.0)	04/10/08	2.5-3.0	NA	Sidewall	54 U	5.4 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U
CAA-2-5(1.5-2.0)	04/10/08	1.5-2.0	NA	Sidewall	61 U	6.1 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U
CAA-2-6(2.0-2.5)	04/10/08	2.0-2.5	NA	Sidewall	61 U	6.1 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U
CAA-2-7(2.0-2.5)[1]	04/10/08	2.0-2.5	NA	Sidewall	63 U	6.3 U	1.3 U	1.3 U	1.3 U	6.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.3 U	1.3 U	1.3 U	1.3 U
CAA-2-8(2.5-3.0)[1]	04/10/08	2.5-3.0	NA	Sidewall	59 U	5.9 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U
CAA-2-9(2.5-3.0)	04/10/08	2.5-3.0	NA	Sidewall	61 U	6.1 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U
CAA-2-10(1.5-2.0)[1]	04/10/08	1.5-2.0	NA	Sidewall	61 U	6.1 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U
CAA-2-11(2.0-2.5)[1]	04/10/08	2.0-2.5	NA	Sidewall	61 U	6.1 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U
Cistern																			
CAA-2-12(0.0-0.5)	04/11/08	0.0-0.5	NA	Near Surface	56 U	5.6 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U
Dup-7	04/11/08	0.0-0.5	NA	Near Surface	57 U	5.7 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U
Dry Well																			
Drywell-6 (19.5-20)[1]	03/20/08	19.5-20	4.5-5	Beneath Dry Well	60 U	6.0 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U
DrywellSeds-6	03/20/08	15-15.5	NA	Sediment Within Dry Well	54 U	5.4 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U
Spoils Removed During Dry Well Decommissioning																			
Stockpile-6[1]	03/20/08	NA	NA	Stockpile	56 U	5.6 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U
Stockpile-23	04/22/08	NA	NA	Stockpile	55 U	5.5 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U
Stockpile-24	04/22/08	NA	NA	Stockpile	64 U	6.4 U	1.3 U	1.3 U	1.3 U	6.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.4 U	1.3 U	1.3 U	1.3 U
Stockpile-26[1]	04/22/08	NA	NA	Stockpile	58 U	5.8 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U
MTCA Regulatory Criteria[3]					NE	160,000[4]	77,000[4]	NE	NE	710[4]	5.0	NE	7,200,000[3]	NE	42,000[4]	16,000,000[3]	8,000,000[3]	11,000[4]	4,000,000[3]

TABLE 4
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample Below Ground Surface (feet)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	Location of Sample	EPA Method 8260B/5035A and 8015M (µg/Kg)											
					cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,1-Dichloropropene	1,3-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	2,2-Dichloropropane	Di-isopropyl ether	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene
Drainage Feature / Sump																
CAA-2-14(4-4.5)[1]	04/18/08	4-4.5	NA	Sidewall	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
CAA-2-15(4-4.5)	04/18/08	4-4.5	NA	Sidewall	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
CAA-2-18(8.0-8.5)	05/06/08	8.0-8.5	NA	Sidewall	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CAA-2-19(8.5-9.0)[1]	05/06/08	8.5-9.0	NA	Sidewall	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CAA-2-19ox(8.5-9.0)	05/22/08	8.5-9.0	NA	Sidewall	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
CAA-2-20(8.0-8.5)	05/06/08	8.0-8.5	NA	Sidewall	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CAA-2-21(8.5-9.0)	05/06/08	8.5-9.0	NA	Sidewall	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CAA-2-22(10.5-11.0)	05/06/08	10.5-11.0	NA	Sidewall	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CAA-2-23(11.0-11.5)[1]	05/06/08	11.0-11.5	NA	Sidewall	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CAA-2-23ox(11.0-11.5)	05/22/08	11.0-11.5	NA	Sidewall	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CAA-2-24(10.5-11.0)[1]	05/06/08	10.5-11.0	NA	Sidewall	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CAA-2-25(10.0-10.5)[1]	05/06/08	10.0-10.5	NA	Sidewall	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CAA-2-25ox(10.0-10.5)	05/22/08	10.0-10.5	NA	Sidewall	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CAA-2-26(12.5-13.0)[1]	05/06/08	12.5-13.0	NA	Base	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CAA-2-26ox(14.0-15.0)	05/22/08	14.0-15.0	NA	Base	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CAA-2-27(12.5-13.0)	05/06/08	12.5-13.0	NA	Base	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Wastewater Settlement Cells & Gutter																
CAA-2-1(3.0-3.5)[1]	04/09/08	3.0-3.5	NA	Base	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CAA-2-2(3.0-3.5)[1]	04/09/08	3.0-3.5	NA	Base	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CAA-2-3(3.0-3.5)	04/10/08	3.0-3.5	NA	Base	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CAA-2-4(2.5-3.0)	04/10/08	2.5-3.0	NA	Sidewall	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
CAA-2-5(1.5-2.0)	04/10/08	1.5-2.0	NA	Sidewall	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
CAA-2-6(2.0-2.5)	04/10/08	2.0-2.5	NA	Sidewall	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
CAA-2-7(2.0-2.5)[1]	04/10/08	2.0-2.5	NA	Sidewall	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
CAA-2-8(2.5-3.0)[1]	04/10/08	2.5-3.0	NA	Sidewall	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
CAA-2-9(2.5-3.0)	04/10/08	2.5-3.0	NA	Sidewall	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
CAA-2-10(1.5-2.0)[1]	04/10/08	1.5-2.0	NA	Sidewall	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
CAA-2-11(2.0-2.5)[1]	04/10/08	2.0-2.5	NA	Sidewall	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Cistern																
CAA-2-12(0.0-0.5)	04/11/08	0.0-0.5	NA	Near Surface	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Dup-7	04/11/08	0.0-0.5	NA	Near Surface	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Dry Well																
Drywell-6 (19.5-20)[1]	03/20/08	19.5-20	4.5-5	Beneath Dry Well	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
DrywellSeds-6	03/20/08	15-15.5	NA	Sediment Within Dry Well	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Spoils Removed During Dry Well Decommissioning																
Stockpile-6[1]	03/20/08	NA	NA	Stockpile	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Stockpile-23	04/22/08	NA	NA	Stockpile	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Stockpile-24	04/22/08	NA	NA	Stockpile	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Stockpile-26[1]	04/22/08	NA	NA	Stockpile	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
MTCA Regulatory Criteria[3]					800,000[3]	NE	15,000[4]	NE	NE	5,600[4]	5,600[4]	NE	NE	6,000	13,000[4]	NE

TABLE 4
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	Location of Sample	EPA Method 8260B/5035A and 8015M (µg/Kg)											
					p-Isopropyltoluene	2-Butanone (MEK)	4-Isopropyltoluene	Methylene Chloride	4-Methyl-2-pentanone	Methyl tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluor
Drainage Feature / Sump																
CAA-2-14(4-4.5)[1]	04/18/08	4-4.5	NA	Sidewall	1.2 U	12 U	NA	5.8 U	12 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
CAA-2-15(4-4.5)	04/18/08	4-4.5	NA	Sidewall	1.2 U	12 U	NA	6.2 U	12 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
CAA-2-18(8.0-8.5)	05/06/08	8.0-8.5	NA	Sidewall	1.0 U	10 U	NA	5.1 U	10 U	1.0 U	5.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CAA-2-19(8.5-9.0)[1]	05/06/08	8.5-9.0	NA	Sidewall	1.1 U	**30**	NA	**1600**	11 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-19ox(8.5-9.0)	05/22/08	8.5-9.0	NA	Sidewall	1.3 U	13 U	NA	6.3 U	13 U	1.3 U	6.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
CAA-2-20(8.0-8.5)	05/06/08	8.0-8.5	NA	Sidewall	1.1 U	11 U	NA	5.4 U	11 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-21(8.5-9.0)	05/06/08	8.5-9.0	NA	Sidewall	1.1 U	11 U	NA	5.4 U	11 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-22(10.5-11.0)	05/06/08	10.5-11.0	NA	Sidewall	1.1 U	11 U	NA	5.6 U	11 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U
CAA-2-23(11.0-11.5)[1]	05/06/08	11.0-11.5	NA	Sidewall	1.1 U	11 U	NA	**5.9**	11 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U
CAA-2-23ox(11.0-11.5)	05/22/08	11.0-11.5	NA	Sidewall	1.1 U	11 U	NA	5.4 U	11 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-24(10.5-11.0)[1]	05/06/08	10.5-11.0	NA	Sidewall	1.1 U	11 U	NA	5.5 U	11 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U
CAA-2-25(10.0-10.5)[1]	05/06/08	10.0-10.5	NA	Sidewall	1.1 U	11 U	NA	5.4 U	11 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-25ox(10.0-10.5)	05/22/08	10.0-10.5	NA	Sidewall	1.0 U	10 U	NA	5.2 U	10 U	1.0 U	5.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CAA-2-26(12.5-13.0)[1]	05/06/08	12.5-13.0	NA	Base	1.1 U	**14**	NA	**7.2**	11 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-26ox(14.0-15.0)	05/22/08	14.0-15.0	NA	Base	1.1 U	11 U	NA	5.4 U	11 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-27(12.5-13.0)	05/06/08	12.5-13.0	NA	Base	1.1 U	11 U	NA	5.4 U	11 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
Wastewater Settlement Cells & Gutter																
CAA-2-1(3.0-3.5)[1]	04/09/08	3.0-3.5	NA	Base	1.1 U	11 U	NA	5.6 U	11 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U
CAA-2-2(3.0-3.5)[1]	04/09/08	3.0-3.5	NA	Base	1.1 U	11 U	NA	5.3 U	11 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U
CAA-2-3(3.0-3.5)	04/10/08	3.0-3.5	NA	Base	1.1 U	11 U	NA	5.4 U	11 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-4(2.5-3.0)	04/10/08	2.5-3.0	NA	Sidewall	1.1 U	11 U	NA	5.4 U	11 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U
CAA-2-5(1.5-2.0)	04/10/08	1.5-2.0	NA	Sidewall	1.2 U	12 U	NA	6.1 U	12 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U
CAA-2-6(2.0-2.5)	04/10/08	2.0-2.5	NA	Sidewall	1.2 U	12 U	NA	6.1 U	12 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
CAA-2-7(2.0-2.5)[1]	04/10/08	2.0-2.5	NA	Sidewall	1.3 U	13 U	NA	6.3 U	13 U	1.3 U	6.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
CAA-2-8(2.5-3.0)[1]	04/10/08	2.5-3.0	NA	Sidewall	1.2 U	12 U	NA	5.9 U	12 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
CAA-2-9(2.5-3.0)	04/10/08	2.5-3.0	NA	Sidewall	1.2 U	12 U	NA	6.1 U	12 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
CAA-2-10(1.5-2.0)[1]	04/10/08	1.5-2.0	NA	Sidewall	1.2 U	12 U	NA	6.1 U	12 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
CAA-2-11(2.0-2.5)[1]	04/10/08	2.0-2.5	NA	Sidewall	1.2 U	12 U	NA	6.1 U	12 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Cistern																
CAA-2-12(0.0-0.5)	04/11/08	0.0-0.5	NA	Near Surface	1.1 U	11 U	NA	5.6 U	11 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U
Dup-7	04/11/08	0.0-0.5	NA	Near Surface	1.1 U	11 U	NA	5.7 U	11 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U
Dry Well																
Drywell-6 (19.5-20)[1]	03/20/08	19.5-20	4.5-5	Beneath Dry Well	1.2 U	12 U	NA	6 U	12 U	1.2 U	6 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
DrywellSeds-6	03/20/08	15-15.5	NA	Sediment Within Dry Well	1.1 U	11 U	NA	5.4 U	11 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Spoils Removed During Dry Well Decommissioning																
Stockpile-6[1]	03/20/08	NA	NA	Stockpile	1.1 U	11 U	NA	5.6 U	11 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Stockpile-23	04/22/08	NA	NA	Stockpile	1.1 U	11 U	NA	5.5 U	11 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Stockpile-24	04/22/08	NA	NA	Stockpile	1.3 U	13 U	NA	6.4 U	13 U	1.3 U	6.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Stockpile-26[1]	04/22/08	NA	NA	Stockpile	1.2 U	**26**	NA	5.8 U	12 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
MTCA Regulatory Criteria[2]					NE	48,000,000[3]	NE	20	NE	100	5,000	NE	33,000[4]	38,000[4]	5,000[4]	2,400,000,000[3]

TABLE 4
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	Location of Sample	EPA Method 8260B/5035A and 8015M (µg/Kg)														
					Tetrachlorethene (PCE)	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene (TCE)	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2,3-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene
Drainage Feature / Sump																			
CAA-2-14(4-4.5)[1]	04/18/08	4-4.5	NA	Sidewall	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.4 U	3.4 U
CAA-2-15(4-4.5)	04/18/08	4-4.5	NA	Sidewall	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.8 U	3.8 U
CAA-2-18(8.0-8.5)	05/06/08	8.0-8.5	NA	Sidewall	1.0 U	5.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.1 U	3.1 U
CAA-2-19(8.5-9.0)[1]	05/06/08	8.5-9.0	NA	Sidewall	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.3 U	3.3 U
CAA-2-19ox(8.5-9.0)	05/22/08	8.5-9.0	NA	Sidewall	1.3 U	6.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	3.8 U	3.8 U
CAA-2-20(8.0-8.5)	05/06/08	8.0-8.5	NA	Sidewall	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.2 U	3.2 U
CAA-2-21(8.5-9.0)	05/06/08	8.5-9.0	NA	Sidewall	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.3 U	3.3 U
CAA-2-22(10.5-11.0)	05/06/08	10.5-11.0	NA	Sidewall	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.4 U	3.4 U
CAA-2-23(11.0-11.5)[1]	05/06/08	11.0-11.5	NA	Sidewall	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.2 U	3.2 U
CAA-2-23ox(11.0-11.5)	05/22/08	11.0-11.5	NA	Sidewall	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.3 U	3.3 U
CAA-2-24(10.5-11.0)[1]	05/06/08	10.5-11.0	NA	Sidewall	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.3 U	3.3 U
CAA-2-25(10.0-10.5)[1]	05/06/08	10.0-10.5	NA	Sidewall	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.2 U	3.2 U
CAA-2-25ox(10.0-10.5)	05/22/08	10.0-10.5	NA	Sidewall	1.0 U	5.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.1 U	3.1 U
CAA-2-26(12.5-13.0)[1]	05/06/08	12.5-13.0	NA	Base	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	**2.1**	1.1 U	**5.8**	**5.8**
CAA-2-26ox(14.0-15.0)	05/22/08	14.0-15.0	NA	Base	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.2 U	3.2 U
CAA-2-27(12.5-13.0)	05/06/08	12.5-13.0	NA	Base	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.2 U	3.2 U
Wastewater Settlement Cells & Gutter																			
CAA-2-1(3.0-3.5)[1]	04/09/08	3.0-3.5	NA	Base	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.4 U	3.4 U
CAA-2-2(3.0-3.5)[1]	04/09/08	3.0-3.5	NA	Base	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.2 U	3.2 U
CAA-2-3(3.0-3.5)	04/10/08	3.0-3.5	NA	Base	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.2 U	3.2 U
CAA-2-4(2.5-3.0)	04/10/08	2.5-3.0	NA	Sidewall	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.2 U	3.2 U
CAA-2-5(1.5-2.0)	04/10/08	1.5-2.0	NA	Sidewall	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
CAA-2-6(2.0-2.5)	04/10/08	2.0-2.5	NA	Sidewall	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
CAA-2-7(2.0-2.5)[1]	04/10/08	2.0-2.5	NA	Sidewall	1.3 U	6.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	3.8 U	3.8 U
CAA-2-8(2.5-3.0)[1]	04/10/08	2.5-3.0	NA	Sidewall	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.5 U	3.5 U
CAA-2-9(2.5-3.0)	04/10/08	2.5-3.0	NA	Sidewall	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
CAA-2-10(1.5-2.0)[1]	04/10/08	1.5-2.0	NA	Sidewall	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
CAA-2-11(2.0-2.5)[1]	04/10/08	2.0-2.5	NA	Sidewall	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.7 U	3.7 U
Cistern																			
CAA-2-12(0.0-0.5)	04/11/08	0.0-0.5	NA	Near Surface	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.4 U	3.4 U
Dup-7	04/11/08	0.0-0.5	NA	Near Surface	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.4 U	3.4 U
Dry Well																			
Drywell-6 (19.5-20)[1]	03/20/08	19.5-20	4.5-5	Beneath Dry Well	1.2 U	6 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
DrywellSeds-6	03/20/08	15-15.5	NA	Sediment Within Dry Well	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.3 U	3.3 U
Spoils Removed During Dry Well Decommissioning																			
Stockpile-6[1]	03/20/08	NA	NA	Stockpile	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.4 U	3.4 U
Stockpile-23	04/22/08	NA	NA	Stockpile	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.3 U	3.3 U
Stockpile-24	04/22/08	NA	NA	Stockpile	1.3 U	6.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	3.8 U	3.8 U
Stockpile-26[1]	04/22/08	NA	NA	Stockpile	**1.5**	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.5 U	3.5 U
MTCA Regulatory Criteria[3]					50.0	7,000	NE	800,000[3]	2,000	18,000[4]	30.0	24,000,000[3]	140[4]	4,000,000[3]	NE	4,000,000[3]	670[4]	9,000	

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated PAHs, PCBs, Organochlorine Pesticides, VOCs, SVOCs, chromium, diesel-, and/or heavy oil-range hydrocarbons.
2 All values are MTCA Method A cleanupl levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
4. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
U: Not detected above the laboratory MRLs. Each reporting limit is reported.

TABLE 5
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	EPA Method 8270C (µg/Kg)																			
			Acenaphthene	Acenaphthylene	Anthracene	Benzidine	Benzo(a)anthracene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(g,h,I)perylene	Benzo (a) pyrene[1]	Bis(2-chlorethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropy)ether	4-Bromophenyl-phenylether	2-Chloronaphthalene	4-Chlorophenyl-phenylether	Chyrsene[1]	Dibenz(a,h)anthracene[1]	3,3-Dichlorobenzidine	2,4-Dinitrotoulene
Drainage Feature / Sump																						
CAA-2-14(4-4.5)[2]	04/18/08	4-4.5	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
CAA-2-15(4-4.5)	04/18/08	4-4.5	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-2-18(8.0-8.5)	05/06/08	8.0-8.5	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U
CAA-2-19(8.5-9.0)[2]	05/06/08	8.5-9.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-19ox(8.5-9.0)	05/22/08	8.5-9.0	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
CAA-2-20(8.0-8.5)	05/06/08	8.0-8.5	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-21(8.5-9.0)	05/06/08	8.5-9.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-22(10.5-11.0)	05/06/08	10.5-11.0	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
CAA-2-23(11.0-11.5)[2]	05/06/08	11.0-11.5	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
CAA-2-23ox(11.0-11.5)	05/22/08	11.0-11.5	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-24(10.5-11.0)[2]	05/06/08	10.5-11.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-24ox(10.5-11.0)[2]	05/22/08	10.5-11.1	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
CAA-2-25(10.0-10.5)[2]	05/06/08	10.0-10.5	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-26(12.5-13.0)[2]	05/06/08	12.5-13.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-26ox(14.0-15.0)	05/22/08	14.0-15.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-27(12.5-13.0)	05/06/08	12.5-13.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Wastewater Settlement Cells & Gutter																						
CAA-2-1(3.0-3.5)[2]	04/09/08	3.0-3.5	37 U	37 U	37 U	370 U	37 U	37 U	37 U	37 U	37 U	370 U	370 U	370 U	370 U	370 U	370 U	37 U	37 U	370 U	370 U
CAA-2-2(3.0-3.5)[2]	04/09/08	3.0-3.5	35 U	35 U	35 U	350 U	35 U	35 U	35 U	35 U	35 U	350 U	350 U	350 U	350 U	350 U	350 U	35 U	35 U	350 U	350 U
CAA-2-3(3.0-3.5)	04/10/08	3.0-3.5	36 U	36 U	36 U	360 U	36 U	36 U	36 U	36 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	36 U	36 U	360 U	360 U
CAA-2-4(2.5-3.0)	04/10/08	2.5-3.0	36 U	36 U	36 U	360 U	36 U	36 U	36 U	36 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	36 U	36 U	360 U	360 U
CAA-2-5(1.5-2.0)	04/10/08	1.5-2.0	40 U	40 U	40 U	400 U	40 U	40 U	40 U	40 U	40 U	400 U	400 U	400 U	400 U	400 U	400 U	40 U	40 U	400 U	400 U
CAA-2-6(2.0-2.5)[2]	04/10/08	2.0-2.5	40 U	40 U	40 U	400 U	40 U	40 U	40 U	40 U	40 U	400 U	400 U	400 U	400 U	400 U	400 U	40 U	40 U	400 U	400 U
CAA-2-7(2.0-2.5)[2]	04/10/08	2.0-2.5	42 U	42 U	42 U	420 U	42 U	42 U	42 U	42 U	42 U	420 U	420 U	420 U	420 U	420 U	420 U	42 U	42 U	420 U	420 U
CAA-2-7ox(2.0-2.5)	05/22/08	2.0-2.6	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
CAA-2-8(2.5-3.0)[2]	04/10/08	2.5-3.0	39 U	39 U	39 U	390 U	39 U	39 U	39 U	39 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	39 U	39 U	390 U	390 U
CAA-2-9(2.5-3.0)	04/10/08	2.5-3.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-2-10(1.5-2.0)[2]	04/10/08	1.5-2.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-2-10ox(1.5-2.0)	05/01/08	1.5-2.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-2-11(2.0-2.5)[2]	04/10/08	2.0-2.5	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Cistern																						
CAA-2-12(0.0-0.5)	04/11/08	0.0-0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dup-7	04/11/08	0.0-0.5	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
Dry Well																						
Drywell-6 (19.5-20)[2]	03/20/08	19.5-20	40 U	40 U	40 U	400 U	40 U	40 U	40 U	40 U	40 U	400 U	400 U	400 U	400 U	400 U	400 U	40 U	40 U	400 U	400 U
DrywellSeds-6	03/20/08	15-15.5	36 U	36 U	36 U	360 U	36 U	36 U	36 U	36 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	36 U	36 U	360 U	360 U
Spoils Removed During Dry Well Decommissioning																						
Stockpile-6[2]	03/20/08	NA	37 U	37 U	37 U	370 U	37 U	37 U	37 U	37 U	37 U	370 U	370 U	370 U	370 U	370 U	370 U	37 U	37 U	370 U	370 U
MTCA Regulatory Criteria[3]			4,800,000[4]	NE	24,000,000[4]	4.3[5]	100[6]	100[6]	100[6]	NE	100[6]	NE	910[5]	3,200,000[4]	NE	NE	NE	100[6]	100[6]	2,200[5]	160,000[4]

TABLE 5
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	EPA Method 8270C (µg/Kg)																	
			2,6-Dinitrotoulene	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachloro-1,3-butadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno (1,2,3-cd) pyrene[1]	Isophorone	Naphthalene	Nitrobenzene	n-Nitrosodimethylamine	n-Nitrosodiphenylamine	n-Nitrosodi-n-propylamine	Phenanthrene	Benzylbutyl phathalate	Bis(2-ethylhexyl)phthalate	Di-n-butyl phthalate
Drainage Feature / Sump																				
CAA-2-14(4-4.5)[2]	04/18/08	4-4.5	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	**800**	**390**	380 U
CAA-2-15(4-4.5)	04/18/08	4-4.5	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-2-18(8.0-8.5)	05/06/08	8.0-8.5	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U
CAA-2-19(8.5-9.0)[2]	05/06/08	8.5-9.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	**520**	360 U
CAA-2-19ox(8.5-9.0)	05/22/08	8.5-9.0	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
CAA-2-20(8.0-8.5)	05/06/08	8.0-8.5	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-21(8.5-9.0)	05/06/08	8.5-9.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-22(10.5-11.0)	05/06/08	10.5-11.0	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
CAA-2-23(11.0-11.5)[2]	05/06/08	11.0-11.5	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	**420**	**560**	350 U
CAA-2-23ox(11.0-11.5)	05/22/08	11.0-11.5	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-24(10.5-11.0)[2]	05/06/08	10.5-11.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	**940**	360 U
CAA-2-24ox(10.5-11.0)[2]	05/22/08	10.5-11.1	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	**450**	**660**	350 U
CAA-2-25(10.0-10.5)[2]	05/06/08	10.0-10.5	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-26(12.5-13.0)[2]	05/06/08	12.5-13.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	**430**	**620**	360 U
CAA-2-26ox(14.0-15.0)	05/22/08	14.0-15.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-27(12.5-13.0)	05/06/08	12.5-13.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Wastewater Settlement Cells & Gutter																				
CAA-2-1(3.0-3.5)[2]	04/09/08	3.0-3.5	370 U	37 U	37 U	370 U	370 U	370 U	370 U	37 U	370 U	37 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
CAA-2-2(3.0-3.5)[2]	04/09/08	3.0-3.5	350 U	35 U	35 U	350 U	350 U	350 U	350 U	35 U	350 U	35 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
CAA-2-3(3.0-3.5)	04/10/08	3.0-3.5	360 U	36 U	36 U	360 U	360 U	360 U	360 U	36 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-4(2.5-3.0)	04/10/08	2.5-3.0	360 U	36 U	36 U	360 U	360 U	360 U	360 U	36 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-5(1.5-2.0)	04/10/08	1.5-2.0	400 U	40 U	40 U	400 U	400 U	400 U	400 U	40 U	400 U	40 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-2-6(2.0-2.5)[2]	04/10/08	2.0-2.5	400 U	40 U	40 U	400 U	400 U	400 U	400 U	40 U	400 U	40 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-2-7(2.0-2.5)[2]	04/10/08	2.0-2.5	420 U	42 U	42 U	420 U	420 U	420 U	420 U	42 U	420 U	42 U	420 U	420 U	420 U	420 U	420 U	**490**	420 U	420 U
CAA-2-7ox(2.0-2.5)	05/22/08	2.0-2.6	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
CAA-2-8(2.5-3.0)[2]	04/10/08	2.5-3.0	390 U	39 U	39 U	390 U	390 U	390 U	390 U	39 U	390 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-2-9(2.5-3.0)	04/10/08	2.5-3.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-2-10(1.5-2.0)[2]	04/10/08	1.5-2.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	**730**	400 U	400 U
CAA-2-10ox(1.5-2.0)	05/01/08	1.5-2.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-2-11(2.0-2.5)[2]	04/10/08	2.0-2.5	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Cistern																				
CAA-2-12(0.0-0.5)	04/11/08	0.0-0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dup-7	04/11/08	0.0-0.5	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
Dry Well																				
Drywell-6 (19.5-20)[2]	03/20/08	19.5-20	400 U	40 U	40 U	400 U	400 U	400 U	400 U	40 U	400 U	40 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
DrywellSeds-6	03/20/08	15-15.5	360 U	36 U	36 U	360 U	360 U	360 U	360 U	36 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Spoils Removed During Dry Well Decommissioning																				
Stockpile-6[2]	03/20/08	NA	370 U	37 U	37 U	370 U	370 U	370 U	370 U	37 U	370 U	37 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
MTCA Regulatory Criteria[3]			80,000[4]	3,200,000[4]	3,200,000[4]	630[4]	13,000[5]	480,000[4]	71,000[5]	100[6]	1,100,000[5]	5,000[4]	40,000[4]	20[5]	200,000[5]	140[5]	NE	16,000,000[4]	71,000[5]	8,000,000[4]

TABLE 5
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	EPA Method 8270C (µg/Kg)																	
			Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Pyrene	1,2,4-Trichlorobenzene	4-Chloro-3methylphenol	2-Chlorophenol	2-Methylphenol	3&4-methyl phenol	2,4-Dichlorophenol	2,4-Dimehtylphenol	4,6-Dinitro-2-methylphenol	2,4-Dinitrophenol	2-Nitrophenol	4-Nitrophenol	Pentachlorophenol	Phenol	2,4,6-Trichlorophenol
Drainage Feature / Sump																				
CAA-2-14(4-4.5)[2]	04/18/08	4-4.5	380 U	380 U	380 U	380 U	380 U	380 U	380 U	NA	NA	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
CAA-2-15(4-4.5)	04/18/08	4-4.5	400 U	400 U	400 U	400 U	400 U	400 U	400 U	NA	NA	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-2-18(8.0-8.5)	05/06/08	8.0-8.5	340 U	340 U	340 U	340 U	340 U	340 U	340 U	NA	NA	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U	340 U
CAA-2-19(8.5-9.0)[2]	05/06/08	8.5-9.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	NA	NA	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-19ox(8.5-9.0)	05/22/08	8.5-9.0	350 U	350 U	350 U	350 U	350 U	350 U	350 U	NA	NA	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
CAA-2-20(8.0-8.5)	05/06/08	8.0-8.5	360 U	360 U	360 U	360 U	360 U	360 U	360 U	NA	NA	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-21(8.5-9.0)	05/06/08	8.5-9.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	NA	NA	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-22(10.5-11.0)	05/06/08	10.5-11.0	370 U	370 U	370 U	370 U	370 U	370 U	370 U	NA	NA	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
CAA-2-23(11.0-11.5)[2]	05/06/08	11.0-11.5	350 U	350 U	350 U	350 U	350 U	350 U	350 U	NA	NA	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
CAA-2-23ox(11.0-11.5)	05/22/08	11.0-11.5	360 U	360 U	360 U	360 U	360 U	360 U	360 U	NA	NA	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-24(10.5-11.0)[2]	05/06/08	10.5-11.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	NA	NA	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-24ox(10.5-11.0)[2]	05/22/08	10.5-11.1	350 U	350 U	350 U	350 U	350 U	350 U	350 U	NA	NA	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
CAA-2-25(10.0-10.5)[2]	05/06/08	10.0-10.5	360 U	360 U	360 U	360 U	360 U	360 U	360 U	NA	NA	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-26(12.5-13.0)[2]	05/06/08	12.5-13.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	NA	NA	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-26ox(14.0-15.0)	05/22/08	14.0-15.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	NA	NA	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-27(12.5-13.0)	05/06/08	12.5-13.0	360 U	360 U	360 U	360 U	360 U	360 U	360 U	NA	NA	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Wastewater Settlement Cells & Gutter																				
CAA-2-1(3.0-3.5)[2]	04/09/08	3.0-3.5	370 U	370 U	370 U	37 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
CAA-2-2(3.0-3.5)[2]	04/09/08	3.0-3.5	350 U	350 U	350 U	35 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
CAA-2-3(3.0-3.5)	04/10/08	3.0-3.5	360 U	360 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-4(2.5-3.0)	04/10/08	2.5-3.0	360 U	360 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
CAA-2-5(1.5-2.0)	04/10/08	1.5-2.0	400 U	400 U	400 U	40 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-2-6(2.0-2.5)[2]	04/10/08	2.0-2.5	400 U	400 U	400 U	40 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-2-7(2.0-2.5)[2]	04/10/08	2.0-2.5	420 U	420 U	420 U	42 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U
CAA-2-7ox(2.0-2.5)	05/22/08	2.0-2.6	370 U	370 U	370 U	370 U	370 U	370 U	370 U	NA	NA	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
CAA-2-8(2.5-3.0)[2]	04/10/08	2.5-3.0	390 U	390 U	390 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-2-9(2.5-3.0)	04/10/08	2.5-3.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	NA	NA	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-2-10(1.5-2.0)[2]	04/10/08	1.5-2.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	NA	NA	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-2-10ox(1.5-2.0)	05/01/08	1.5-2.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	NA	NA	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-2-11(2.0-2.5)[2]	04/10/08	2.0-2.5	400 U	400 U	400 U	400 U	400 U	400 U	400 U	NA	NA	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Cistern																				
CAA-2-12(0.0-0.5)	04/11/08	0.0-0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dup-7	04/11/08	0.0-0.5	380 U	380 U	380 U	380 U	380 U	380 U	380 U	NA	NA	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
Dry Well																				
Drywell-6 (19.5-20)[2]	03/20/08	19.5-20	400 U	400 U	400 U	40 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
DrywellSeds-6	03/20/08	15-15.5	360 U	360 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Spoils Removed During Dry Well Decommissioning																				
Stockpile-6[2]	03/20/08	NA	370 U	370 U	370 U	37 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
MTCA Regulatory Criteria[3]			64,000,000[4]	80,000,000[4]	1,600,000[4]	2,400,000[4]	800,000[4]	NE	400,000[4]	NE	NE	240,000[4]	1,600,000[4]	NE	160,000[4]	NE	NE	8,300[5]	48,000,000[4]	91,000[5]

Notes:
1 PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated PAHs, PCBs, Organochlorine Pesticides, VOCs, SVOCs, chromium, diesel-, and/or heavy oil-range hydrocarbons.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
6. MTCA Method A cleanup level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).
U: Not detected above the laboratory MRL. Each MRL is reported.
Bold: Indicates analyte detection above the laboratory MRL.

TABLE 6
Soil Chemical Analytical Results
PAHs
The Village at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Location of Sample	EPA Method 8270C-SIM (µg/Kg)																
				Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene[1]	Benzo(a)pyrene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(b+k)fluoranthene(s)	Benzo(g,h,i)perylene	Chrysene[1]	Dibenz(a,h)anthracene[1]	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene[1]	Naphthalene	Phenanthrene	Pyrene
Drainage Feature / Sump																				
CAA-2-14(4-4.5)[2]	04/18/08	4-4.5	Sidewall	33.3 U	33.3 U	33.3 U	33.3 U	33.3 U	33.3 U	33.3 U	NA	33.3 U	33.3 U	33.3 U	33.3 U	33.3 U	33.3 U	33.3 U	33.3 U	33.3 U
CAA-2-15(4-4.5)	04/18/08	4-4.5	Sidewall	33.5 U	33.5 U	33.5 U	33.5 U	33.5 U	33.5 U	33.5 U	NA	33.5 U	33.5 U	33.5 U	33.5 U	33.5 U	33.5 U	33.5 U	33.5 U	33.5 U
CAA-2-18(8.0-8.5)	05/06/08	8.0-8.5	Sidewall	12.1[6] U	10.5[6] U	10.2[6] U	9.29[6] U	7.39[6] U	14.9[6] U	9.24[6] U	NA	12.9[6] U	9.24[6] U	14.5[6] U	11.3[6] U	12.0[6] U	12.7[6] U	12.7[6] U	16.2[6] U	9.86[6] U
CAA-2-19(8.5-9.0)[2]	05/06/08	8.5-9.0	Sidewall	8.94[6] U	7.76[6] U	7.53[6] U	6.88[6] U	NA	11.0[6] U	6.85[6] U	NA	NA	6.85[6] U	NA	8.38[6] U	8.88[6] U	NA	9.40[6] U	12.0[6] U	7.30[6] U
CAA-2-20(8.0-8.5)	05/06/08	8.0-8.5	Sidewall	12.4[6] U	10.7[6] U	10.4[6] U	9.52[6] U	7.57[6] U	15.3[6] U	9.84[6] U	NA	13.2[6] U	9.48[6] U	14.9[6] U	11.6[6] U	12.3[6] U	13.0[6] U	13.0[6] U	16.6[6] U	10.1[6] U
CAA-2-21(8.5-9.0)	05/06/08	8.5-9.0	Sidewall	10.5[6] U	9.08[6] U	8.81[6] U	8.04[6] U	6.40[6] U	12.9[6] U	8.00[6] U	NA	11.1[6] U	8.00[6] U	12.6[6] U	9.80[6] U	10.4[6] U	11.0[6] U	11.0[6] U	14.0[6] U	8.54[6] U
CAA-2-22(10.5-11.0)	05/06/08	10.5-11.0	Sidewall	11.1[6] U	9.67[6] U	9.38[6] U	8.56[6] U	6.81[6] U	13.7[6] U	8.52[6] U	NA	11.9[6] U	8.52[6] U	13.4[6] U	10.4[6] U	11.1[6] U	11.7[6] U	11.7[6] U	15.0[6] U	9.09[6] U
CAA-2-23(11.0-11.5)[2]	05/06/08	11.0-11.5	Sidewall	19.3[6] U	16.8[6] U	16.3[6] U	14.9[6] U	11.8[6] U	23.8[6] U	14.8[6] U	NA	20.6[6] U	14.8[6] U	23.2[6] U	18.1[6] U	19.2[6] U	20.3[6] U	20.3[6] U	25.9[6] U	15.8[6] U
CAA-2-24(10.5-11.0)[2]	05/06/08	10.5-11.0	Sidewall	21.7[6] U	18.9[6] U	18.3[6] U	16.7[6] U	33.3[6] U	26.8[6] U	16.6[6] U	NA	57.9[6] U	16.6[6] U	65.3[6] U	20.4[6] U	21.6[6] U	57.1[6] U	22.9[6] U	29.2[6] U	17.8[6] U
CAA-2-25(10.0-10.5)[2]	05/06/08	10.0-10.5	Sidewall	11.0[6] U	9.586 U	9.30[6] U	8.49[6] U	NA	13.6[6] U	8.45[6] U	NA	NA	8.45[6] U	NA	10.3[6] U	11.0[6] U	NA	11.6[6] U	14.8[6] U	9.01[6] U
CAA-2-26(12.5-13.0)[2]	05/06/08	12.5-13.0	Base	198[6] U	172[6] U	167[6] U	153[6] U	121[6] U	245[6] U	152[6] U	NA	212[6] U	152[6] U	238[6] U	186[6] U	197[6] U	209[6] U	209[6] U	267[6] U	162[6] U
CAA-2-26ox(14.0-15.0)	05/22/08	14.0-15.0	Base	28.0 U	28.0 U	28.0 U	28.0 U	28.0 U	28.0 U	28.0 U	28.0 U	28.0 U	28.0 U	28.0 U	28.0 U	28.0 U	28.0 U	28.0 U	28.0 U	28.0 U
CAA-2-27(12.5-13.0)	05/06/08	12.5-13.0	Base	46.9[6] U	40.7[6] U	39.5[6] U	36.1[6] U	28.7[6] U	57.8[6] U	35.9[6] U	NA	50.0[6] U	35.9[6] U	56.3[6] U	44.0[6] U	46.6[6] U	49.3[6] U	49.3[6] U	63.0[6] U	38.3[6] U
Wastewater Settlement Cells & Gutter																				
CAA-2-1(3.0-3.5)[2]	04/09/08	3.0-3.5	Base	61.5 U	61.5 U	61.5 U	61.5 U	61.5 U	61.5 U	61.5 U	61.5 U	61.5 U	61.5 U	61.5 U	61.5 U	61.5 U	61.5 U	61.5 U	61.5 U	61.5 U
CAA-2-2(3.0-3.5)[2]	04/09/08	3.0-3.5	Base	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U
CAA-2-3(3.0-3.5)	04/10/08	3.0-3.5	Base	32.2 U	32.2 U	32.2 U	32.2 U	32.2 U	32.2 U	32.2 U	32.2 U	32.2 U	32.2 U	32.2 U	32.2 U	32.2 U	32.2 U	32.2 U	32.2 U	32.2 U
CAA-2-4(2.5-3.0)	04/10/08	2.5-3.0	Sidewall	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U
CAA-2-5(1.5-2.0)	04/10/08	1.5-2.0	Sidewall	30.7 U	30.7 U	30.7 U	30.7 U	30.7 U	30.7 U	30.7 U	30.7 U	30.7 U	30.7 U	30.7 U	30.7 U	30.7 U	30.7 U	30.7 U	30.7 U	30.7 U
CAA-2-6(2.0-2.5)	04/10/08	2.0-2.5	Sidewall	38.1 U	38.1 U	38.1 U	38.1 U	38.1 U	38.1 U	38.1 U	38.1 U	38.1 U	38.1 U	38.1 U	38.1 U	38.1 U	38.1 U	38.1 U	38.1 U	38.1 U
CAA-2-7(2.0-2.5)[2]	04/10/08	2.0-2.5	Sidewall	82.2 U	82.2 U	82.2 U	82.2 U	82.2 U	82.2 U	82.2 U	82.2 U	82.2 U	82.2 U	82.2 U	82.2 U	82.2 U	82.2 U	82.2 U	82.2 U	82.2 U
CAA-2-8(2.5-3.0)[2]	04/10/08	2.5-3.0	Sidewall	30.8 U	30.8 U	30.8 U	30.8 U	30.8 U	30.8 U	30.8 U	30.8 U	30.8 U	30.8 U	30.8 U	30.8 U	30.8 U	30.8 U	**37.4**	30.8 U	30.8 U
CAA-2-8ox(2.5-3)	05/01/08	2.5-3.0	Sidewall	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	NA	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U
CAA-2-9(2.5-3.0)	04/10/08	2.5-3.0	Sidewall	31.3 U	31.3 U	31.3 U	31.3 U	31.3 U	31.3 U	31.3 U	31.3 U	31.3 U	31.3 U	31.3 U	31.3 U	31.3 U	31.3 U	31.3 U	31.3 U	31.3 U
CAA-2-10(1.5-2.0)[2]	04/10/08	1.5-2.0	Sidewall	25.9 U	25.9 U	25.9 U	25.9 U	25.9 U	25.9 U	25.9 U	25.9 U	25.9 U	25.9 U	25.9 U	25.9 U	25.9 U	25.9 U	25.9 U	25.9 U	25.9 U
CAA-2-11(2.0-2.5)[2]	04/10/08	2.0-2.5	Sidewall	67.6 U	67.6 U	67.6 U	67.6 U	67.6 U	67.6 U	67.6 U	67.6 U	67.6 U	67.6 U	67.6 U	67.6 U	67.6 U	67.6 U	67.6 U	67.6 U	67.6 U
Cistern																				
CAA-2-12(0.0-0.5)	04/11/08	0.0-0.5	Near Surface	41.8 U	41.8 U	41.8 U	41.8 U	41.8 U	41.8 U	41.8 U	41.8 U	41.8 U	41.8 U	41.8 U	41.8 U	41.8 U	41.8 U	41.8 U	41.8 U	41.8 U
Dup-7	04/11/08	0.0-0.5	CAA-2-12 Duplicate	39.4 U	39.4 U	39.4 U	39.4 U	39.4 U	39.4 U	39.4 U	39.4 U	39.4 U	39.4 U	39.4 U	39.4 U	39.4 U	39.4 U	39.4 U	39.4 U	39.4 U

TABLE 6
Soil Chemical Analytical Results
PAHs
The Village at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Location of Sample	EPA Method 8270C-SIM (µg/Kg)																
				Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene[1]	Benzo(a)pyrene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(b+k)fluoranthene(s)	Benzo(g,h,i)perylene	Chrysene[1]	Dibenz(a,h)anthracene[1]	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene[1]	Naphthalene	Phenanthrene	Pyrene
Dry Well																				
Drywell-6 (19.5-20)[2]	03/20/08	19.5-20	Beneath Dry Well	40.5 U	40.5 U	40.5 U	40.5 U	40.5 U	40.5 U	40.5 U	NA	40.5 U	40.5 U	40.5 U	**61.0**	40.5 U	40.5 U	40.5 U	**46.3**	**52.4**
Drywell-6(21.5-22.0)	04/16/08	21.5-22.0	Beneath Dry Well	29.3 U	29.3 U	29.3 U	29.3 U	29.3 U	29.3 U	29.3 U	29.3 U	29.3 U	29.3 U	29.3 U	29.3 U	29.3 U	29.3 U	29.3 U	29.3 U	29.3 U
DrywellSeds-6	03/20/08	15-15.5	Sediment Within Dry Well	28.2 U	28.2 U	28.2 U	28.2 U	28.2 U	28.2 U	28.2 U	NA	28.2 U	28.2 U	28.2 U	28.2 U	28.2 U	28.2 U	28.2 U	28.2 U	28.2 U
Spoils Removed During Dry Well Decommissioning																				
Stockpile-6	03/20/08	NA	Stockpile	34.6 U	34.6 U	34.6 U	34.6 U	34.6 U	34.6 U	34.6 U	NA	34.6 U	34.6 U	34.6 U	34.6 U	34.6 U	34.6 U	34.6 U	34.6 U	34.6 U
MTCA Regulatory Criteria[3]				4,800,000[4]	NE	24,000,000[4]	100[5]	100[5]	100[5]	100[5]	NE	NE	100[5]	100[5]	3,200,000[4]	3,200,000[4]	100[5]	5,000	NE	2,400,000[4]

Notes:
1 PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated PAHs, PCBs, Organochlorine Pesticides, VOCs, SVOCs, chromium, diesel-, and/or heavy oil-range hydrocarbons.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method A cleanup level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).
6. MDL is reported.
U: Not detected above the laboratory MRL. Each MRL is reported, unless noted.
Bold: Indicates analyte detection above the laboratory MRL. Each MRL is reported.

TABLE 7
Soil Chemical Analytical Results
Total Metals
The Village at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	EPA Method 6020 (ICPMS)/7471/7196A (mg/Kg)									
			Arsenic	Cadmium	Total Chromium	Hexavalent Chromium	Copper	Lead	Tin	Zinc	Mercury	SPLP Metals EPA Method 6020 (mg/L)
												Cadmium
Drainage Feature / Sump												
CAA-2-14(4-4.5)[1]	04/18/08	4-4.5	**2.40**	1.35 U	**27.0**	0.4 U	**27.9**	**9.10**	6.73 U	**81.7**	0.108 U	NA
CAA-2-15(4-4.5)	04/18/08	4-4.5	**1.36**	1.17 U	**11.8**	NA	**31.9**	**5.53**	5.85 U	**67.1**	0.0936 U	NA
CAA-2-18(8.0-8.5)	05/06/08	8.0-8.5	1.22 U	1.22 U	**2.95**	NA	**26.7**	**3.96**	6.08 U	**39.9**	0.0973 U	NA
CAA-2-19(8.5-9.0)[1]	05/06/08	8.5-9.0	**1.3**	**15.3**	**244**	NA	**30.3**	**12.0**	6.20 U	**268**	0.0991 U	NA
CAA-2-20(8.0-8.5)	05/06/08	8.0-8.5	1.28 U	1.28 U	**7.42**	NA	**32.7**	**5.72**	6.39 U	**53.4**	0.102 U	NA
CAA-2-21(8.5-9.0)	05/06/08	8.5-9.0	1.18 U	1.18 U	**10.4**	NA	**30.8**	**3.99**	5.89 U	**52.6**	0.0943 U	NA
CAA-2-22(10.5-11.0)	05/06/08	10.5-11.0	**1.35**	**7.72**	**64.0**	0.4 U	**29.2**	**7.94**	6.44 U	**205**	0.103 U	0.0100 U
CAA-2-23(11.0-11.5)[1]	05/06/08	11.0-11.5	**2.97**	**12.5**	**230**	NA	**28.0**	**9.94**	5.67 U	**260**	0.0907 U	NA
CAA-2-24(10.5-11.0)[1]	05/06/08	10.5-11.0	1.22 U	**9.74**	**247**	NA	**26.2**	**8.56**	6.08 U	**220**	0.0973 U	NA
CAA-2-25(10.0-10.5)[1]	05/06/08	10.0-10.5	1.28 U	**4.34**	**51.4**	0.4 U	**22.9**	**5.74**	6.42 U	**131**	0.103 U	NA
CAA-2-26(12.5-13.0)[1]	05/06/08	12.5-13.0	1.18 U	**10.1**	**190**	NA	**24.1**	**8.31**	5.92 U	**176**	0.0947 U	NA
CAA-2-27(12.5-13.0)	05/06/08	12.5-13.0	1.07 U	1.07 U	**42.8**	0.4 U	**23.5**	**2.49**	5.34 U	**56.4**	0.0855 U	NA
Wastewater Settlement Cells & Gutter												
CAA-2-1(3.0-3.5)[1]	04/09/08	3.0-3.5	**2.17**	**3.55**	**33.2**	NA	**29.1**	**53.1**	5.88 U	**119**	**0.141**	NA
CAA-2-1ox(4.5-5.0)	05/06/08	4.5-5.0	NA	1.16 U	**16.7**	NA	NA	NA	NA	NA	NA	NA
CAA-2-2(3.0-3.5)[1]	04/09/08	3.0-3.5	1.27 U	1.27 U	**5.67**	NA	**23.3**	**4.67**	6.33 U	**44.1**	0.101 U	NA
CAA-2-3(3.0-3.5)	04/10/08	3.0-3.5	1.16 U	1.16 U	**13.9**	NA	**25.2**	**4.88**	5.80 U	**48.5**	0.0927 U	NA
CAA-2-4(2.5-3.0)	04/10/08	2.5-3.0	**1.77**	1.06 U	**9.81**	NA	**30.9**	**5.07**	5.32 U	**56.0**	0.0852 U	NA
CAA-2-5(1.5-2.0)	04/10/08	1.5-2.0	**2.27**	1.33 U	**16.1**	NA	**25.1**	**6.76**	6.67 U	**71.3**	0.107 U	NA
CAA-2-6(2.0-2.5)	04/10/08	2.0-2.5	**2.50**	1.14 U	**34.5**	**1.36**	**25.6**	**8.43**	5.70 U	**80.8**	0.0912 U	NA
CAA-2-7(2.0-2.5)[1]	04/10/08	2.0-2.5	**2.42**	**2.71**	**40.3**	NA	**26.4**	**33.1**	6.30 U	**93.5**	0.101 U	NA
CAA-2-7ox(2.0-2.5)	05/06/08	2.0-2.5	NA	1.35 U	**13.6**	NA	NA	NA	NA	NA	NA	NA
CAA-2-8(2.5-3.0)[1]	04/10/08	2.5-3.0	**2.35**	1.42 U	**18.6**	NA	**25.5**	**10.8**	7.08 U	**86.4**	0.113 U	NA

TABLE 7
Soil Chemical Analytical Results
Total Metals
The Village at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	EPA Method 6020 (ICPMS)/7471/7196A (mg/Kg)									
			Arsenic	Cadmium	Total Chromium	Hexavalent Chromium	Copper	Lead	Tin	Zinc	Mercury	SPLP Metals EPA Method 6020 (mg/L)
												Cadmium
CAA-2-9(2.5-3.0)	04/10/08	2.5-3.0	**1.86**	1.23 U	**10.9**	NA	**18.4**	**5.49**	6.15 U	**58.3**	0.0983 U	NA
CAA-2-10(1.5-2.0)[1]	04/10/08	1.5-2.0	**2.55**	1.28 U	**24.4**	0.4 U	**25.4**	**20.8**	6.41 U	**84.1**	0.103 U	NA
CAA-2-11(2.0-2.5)[1]	04/10/08	2.0-2.5	**2.81**	**4.22**	**56.8**	NA	**29.4**	**69.5**	6.08 U	**277**	**0.255**	NA
CAA-2-11ox(2.0-2.5)	05/06/08	2.0-2.5	NA	1.21 U	**12.7**	NA	NA	NA	NA	NA	NA	NA
CAA-2-28(4.5-5.0)	05/06/08	4.5-5.0	NA	**6.37**	**25.7**	0.4 U	NA	NA	NA	NA	NA	0.0100 U
CAA-2-29(5.5-6.0)[1]	05/06/08	5.5-6.0	NA	**3.08**	**221**	0.4 U	NA	NA	NA	NA	NA	NA
DUP-11[1]	05/06/08	NA	NA	**2.15**	**92.5**	NA	NA	NA	NA	NA	NA	NA
Cistern												
CAA-2-12(0.0-0.5)	04/11/08	0.0-0.5	**2.21**	1.13 U	**16.8**	NA	**31.8**	**8.23**	5.67 U	**81.6**	0.0907 U	NA
Dup-7	04/11/08	0.0-0.5	**2.00**	1.15 U	**14.9**	NA	**30.4**	**8.50**	5.75 U	**82.6**	0.0920 U	NA
Dry Well												
Drywell-6 (19.5-20)[1]	03/20/08	19.5-20	**1.77**	1.38 U	**16.7**	2.4 U	**19.7**	**4.62**	6.89 U	**71.5**	0.0207 U	NA
DrywellSeds-6	03/20/08	15-15.5	1.20 U	1.20 U	**6.83**	2.2 U	**20.2**	**4.39**	5.98 U	**49.1**	0.0179 U	NA
Spoils Removed During Dry Well Decommissioning												
Stockpile-6	03/20/08	NA	1.12 U	1.12 U	**13.7**	2.2 U	**29.7**	**4.96**	5.59 U	**58.0**	0.0168 U	NA
MTCA Regulatory Criteria[2]			20	2	2,000	19	3,000[3]	250	48,000[3]	24,000[3]	2	NA
Method B Cleanup Level Protective of Groundwater			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated PAHs, PCBs, Organochlorine Pesticides, VOCs, SVOCs, chromium, diesel-, and/or heavy oil-range hydrocarbons.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
4. For cadmium, the leaching test effluent concentration must be less than, or equal to, ten times the applicable ground water cleanup level established under WAC 173-340-720.

Bold: indicates analyte detection
Shading indicates detected concentration greater than the MTCA cleanup level.

TABLE 8
Soil Chemical Analytical Results
Organochlorine Pesticides
The Village at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Location of Sample	EPA Method 8081A (µg/Kg)																					
				Aldrin	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC (Lindane)	alpha-Chlordane	gamma-Chlordane	4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin Aldehyde	Endrin Keytone	Heptachlor	Heptachlor Epoxide	Methoxychlor	Chlordane (Technical)	Toxaphene
Drainage Feature / Sump																									
CAA-2-14(4-4.5)	04/18/08	4-4.5	Sidewall	11.2 U	11.2 U	11.2 U	11.2 U	11.2 U	11.2 U	11.2 U	11.2 U	11.2 U	11.2 U	11.2 U	11.2 U	11.2 U	11.2 U	11.2 U	11.2 U	11.2 U	11.2 U	11.2 U	32.9 U	164 U	493 U
CAA-2-15(4-4.5)	04/18/08	4-4.5	Sidewall	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	29.5 U	147 U	442 U
CAA-2-18(8.0-8.5)	05/06/08	8.0-8.5	Sidewall	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	30.8 U	154 U	462 U
CAA-2-19(8.5-9.0)[1]	05/06/08	8.5-9.0	Sidewall	8.65 U	8.65 U	8.65 U	8.65 U	54.1 U	8.65 U	8.65 U	8.65 U	8.65 U	54.1 U	8.65 U	8.65 U	8.65 U	8.65 U	8.65 U	8.65 U	54.1 U	54.1 U	8.65 U	159 U	127 U	382 U
CAA-2-20(8.0-8.5)	05/06/08	8.0-8.5	Sidewall	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	31.0 U	155 U	465 U
CAA-2-21(8.5-9.0)	05/06/08	8.5-9.0	Sidewall	9.09 U	9.09 U	9.09 U	9.09 U	9.09 U	9.09 U	9.09 U	9.09 U	9.09 U	9.09 U	9.09 U	9.09 U	9.09 U	9.09 U	9.09 U	9.09 U	9.09 U	9.09 U	9.09 U	26.7 U	134 U	401 U
CAA-2-22(10.5-11.0)	05/06/08	10.5-11.0	Sidewall	9.95 U	9.95 U	9.95 U	9.95 U	9.95 U	9.95 U	9.95 U	9.95 U	9.95 U	9.95 U	9.95 U	9.95 U	9.95 U	9.95 U	9.95 U	9.95 U	9.95 U	17.6 U	9.95 U	29.3 U	146 U	439 U
CAA-2-23(11.0-11.5)[1]	05/06/08	11.0-11.5	Sidewall	9.40 U	9.40 U	9.40 U	9.40 U	58.8 U	9.40 U	9.40 U	9.40 U	9.40 U	58.8 U	9.40 U	9.40 U	9.40 U	9.40 U	9.40 U	9.40 U	58.8 U	107 U	9.40 U	173 U	138 U	415 U
CAA-2-24(10.5-11.0)[1]	05/06/08	10.5-11.0	Sidewall	7.83 U	7.83 U	7.83 U	7.83 U	48.9 U	7.83 U	7.83 U	7.83 U	7.83 U	48.9 U	7.83 U	7.83 U	7.83 U	7.83 U	7.83 U	7.83 U	48.9 U	48.9 U	7.83 U	144 U	115 U	345 U
CAA-2-25(10.0-10.5)[1]	05/06/08	10.0-10.5	Sidewall	8.96 U	8.96 U	8.96 U	8.96 U	56.0 U	8.96 U	8.96 U	8.96 U	8.96 U	56.0 U	8.96 U	8.96 U	8.96 U	8.96 U	8.96 U	8.96 U	56.0 U	56.0 U	8.96 U	165.0 U	132 U	395 U
CAA-2-26(12.5-13.0)[1]	05/06/08	12.5-13.0	Base	10.7 U	10.7 U	10.7 U	10.7 U	66.8 U	10.7 U	10.7 U	10.7 U	10.7 U	66.8 U	10.7 U	10.7 U	10.7 U	10.7 U	10.7 U	10.7 U	66.8 U	98.3 U	10.7 U	197.0 U	157 U	472 U
CAA-2-27(12.5-13.0)	05/06/08	12.5-13.0	Base	8.47 U	8.47 U	8.47 U	8.47 U	53.0 U	8.47 U	8.47 U	8.47 U	8.47 U	53.0 U	8.47 U	8.47 U	8.47 U	8.47 U	8.47 U	8.47 U	53.0 U	53.0 U	8.47 U	156 U	125 U	375 U
Wastewater Settlement Cells & Gutter																									
CAA-2-1ox(4.5-5.0)	05/06/08	4.5-5.0	Base	9.55 U	9.55 U	9.55 U	9.55 U	59.7 U	9.55 U	9.55 U	9.55 U	9.55 U	59.7 U	9.55 U	9.55 U	9.55 U	9.55 U	9.55 U	9.55 U	59.7 U	59.7 U	9.55 U	176 U	140 U	421 U
CAA-2-2(3.0-3.5)[1]	04/09/08	3.0-3.5	Base	9.00 U	9.00 U	9.00 U	9.00 U	56.2 U	9.00 U	9.00 U	9.00 U	9.00 U	56.2 U	9.00 U	9.00 U	9.00 U	9.00 U	9.00 U	9.00 U	56.2 U	56.2 U	9.00 U	165 U	132 U	397 U
CAA-2-3(3.0-3.5)	04/10/08	3.0-3.5	Base	9.22 U	9.22 U	9.22 U	9.22 U	57.6 U	9.22 U	9.22 U	9.22 U	9.22 U	57.6 U	9.22 U	9.22 U	9.22 U	9.22 U	9.22 U	9.22 U	57.6 U	57.6 U	9.22 U	169 U	136 U	407 U
CAA-2-4(2.5-3.0)	04/10/08	2.5-3.0	Sidewall	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	29.4 U	147 U	441 U
Dup-10	05/06/08	2.5-3.0	Sidewall	9.58 U	9.58 U	9.58 U	9.58 U	9.58 U	9.58 U	9.58 U	9.58 U	9.58 U	9.58 U	NA	9.58 U	9.58 U	9.58 U	9.58 U	9.58 U	9.58 U	9.58 U	9.58 U	28.2 U	141 U	423 U
CAA-2-5(1.5-2.0)	04/10/08	1.5-2.0	Sidewall	10.8 U	10.8 U	10.8 U	10.8 U	67.5 U	10.8 U	10.8 U	10.8 U	10.8 U	67.5 U	10.8 U	10.8 U	10.8 U	10.8 U	10.8 U	10.8 U	67.5 U	67.5 U	10.8 U	199 U	159 U	477 U
CAA-2-7ox(2.0-2.5)	05/06/08	2.0-2.5	Sidewall	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	30.7 U	153 U	460 U
CAA-2-8(2.5-3.0)[1]	04/10/08	2.5-3.0	Sidewall	9.60 U	9.60 U	9.60 U	9.60 U	60.0 U	9.60 U	9.60 U	9.60 U	9.60 U	60.0 U	9.60 U	9.60 U	9.60 U	9.60 U	9.60 U	9.60 U	60.0 U	60.0 U	9.60 U	177.0 U	141 U	424 U
CAA-2-9(2.5-3.0)	04/10/08	2.5-3.0	Sidewall	9.34 U	9.34 U	9.34 U	9.34 U	9.34 U	9.34 U	9.34 U	9.34 U	9.34 U	9.34 U	9.34 U	9.34 U	9.34 U	9.34 U	9.34 U	9.34 U	9.34 U	9.34 U	9.34 U	27.5 U	137 U	412 U
CAA-2-10(1.5-2.0)[1]	04/10/08	1.5-2.0	Sidewall	9.79 U	9.79 U	9.79 U	9.79 U	61.2 U	9.79 U	9.79 U	9.79 U	9.79 U	61.2 U	9.79 U	9.79 U	9.79 U	9.79 U	9.79 U	9.79 U	61.2 U	61.2 U	9.79 U	180 U	144 U	432 U
CAA-2-11ox(2.0--2.5)	05/06/08	2.0-2.5	Sidewall	11.0 U	11.0 U	11.0 U	11.0 U	11.0 U	11.0 U	11.0 U	11.0 U	11.0 U	11.0 U	11.0 U	11.0 U	11.0 U	11.0 U	11.0 U	11.0 U	11.0 U	11.0 U	11.0 U	32.2 U	161 U	483 U
CAA-2-28(4.5-5.0)	05/06/08	4.5-5.0	Base	11.6 U	11.6 U	11.6 U	11.6 U	72.4 U	11.6 U	11.6 U	11.6 U	11.6 U	72.4 U	11.6 U	11.6 U	11.6 U	11.6 U	11.6 U	11.6 U	72.4 U	72.4 U	11.6 U	213.0 U	170 U	511 U
CAA-2-29(5.5-6.0)[1]	05/06/08	5.5-6.0	Sidewall	10.8 U	10.8 U	10.8 U	10.8 U	67.4 U	10.8 U	10.8 U	10.8 U	10.8 U	67.4 U	10.8 U	10.8 U	10.8 U	10.8 U	10.8 U	10.8 U	67.4 U	67.4 U	10.8 U	198 U	158 U	475 U
DUP-11[1]	05/06/08	NA	NA	10.3 U	10.3 U	10.3 U	10.3 U	10.3 U	10.3 U	10.3 U	10.3 U	10.3 U	**21.4**	10.3 U	10.3 U	10.3 U	10.3 U	10.3 U	10.3 U	10.3 U	31.4 U	10.3 U	30.2 U	151 U	452 U
CAA-2-29ox(5.5-6.0)[1]	05/22/08	5.5-6.0	Sidewall	8.23 U	8.23 U	8.23 U	8.23 U	8.23 U	8.23 U	8.23 U	8.23 U	8.23 U	51.4 U	8.23 U	8.23 U	8.23 U	8.23 U	8.23 U	8.23 U	**17.9**	14.5 U	8.23 U	151 U	121 U	363 U
MTCA Regulatory Criteria[2]				2,400[3]	NE	NE	NE	770[4]	NE	NE	4,200[4]	2,900[4]	3,000	63[4]	480,000[3]		NE	24,000[3]	NE	NE	220[4]	110[4]	400,000[3]	2,900[4]	910[4]

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated PAHs, PCBs, Organochlorine Pesticides, VOCs, SVOCs, PCBs, chromium, diesel-, and/or heavy oil-range hydrocarbons.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogen protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
4. MTCA Method B carinogen protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.

U: Not detected above the laboratory MRL. Each MRL is reported.
Bold: Indicates analyte detection above the laboratory MRL. Each MRL is reported.
Shading indicates detected concentration greater than the MTCA cleanup level.

TABLE 9
Soil Chemical Analytical Results
PCBs
The Landing at Evergreen
Cleanup Action Area 2
Vancouver, Washington

Sample I.D.	Date	Depth (feet)	EPA Method 8082 (µg/Kg)						
			Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
Drainage Feature / Sump									
CAA-2-18(8.0-8.5)	05/06/08	8.0-8.5	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-19(8.5-9.0)[1]	05/06/08	8.5-9.0	33 U	33 U	33 U	33 U	33 U	33 U	**38**
CAA-2-19ox(8.5-9.0)	05/22/08	8.9-9.0	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-20(8.0-8.5)	05/06/08	8.0-8.5	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-21(8.5-9.0)	05/06/08	8.5-9.0	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-22(10.5-11.0)	05/06/08	10.5-11.0	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-23(11.0-11.5)[1]	05/06/08	11.0-11.5	33 U	33 U	33 U	33 U	33 U	33 U	**120**
CAA-2-23ox(11.0-11.5)	05/22/08	11.0-11.5	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-24(10.5-11.0)[1]	05/06/08	10.5-11.0	33 U	33 U	33 U	33 U	33 U	33 U	**41**
CAA-2-24ox(10.5-11.0)[1]	05/22/08	10.5-11.0	33 U	33 U	33 U	33 U	33 U	**39**	**160**
CAA-2-25(10.0-10.5)[1]	05/06/08	10.0-10.5	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-26(12.5-13.0)[1]	05/06/08	12.5-13.0	33 U	33 U	33 U	33 U	33 U	33 U	**130**
CAA-2-26ox(14.0-15.0)	05/22/08	14.0-15.0	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-27(12.5-13.0)	05/06/08	12.5-13.0	33 U	33 U	33 U	33 U	33 U	33 U	33 U
Wastewater Settlement Cells & Gutter									
CAA-2-1ox(4.5-5.0)	05/06/08	4.5-5.0	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-2(3.0-3.5)[1]	05/06/08	3.0-3.5	33 U	33 U	33 U	33 U	33 U	33 U	**34**
CAA-2-2ox(4.0-4.5)	05/22/08	4.0-4.5	38 U	38 U	38 U	38 U	38 U	38 U	38 U
CAA-2-3(3.0-3.5)	05/06/08	3.0-3.5	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-4(2.5-3.0)	05/06/08	2.5-3.0	33 U	33 U	33 U	33 U	33 U	33 U	33 U
Dup-10	05/06/08	NA	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-5(1.5-2.0)	05/06/08	1.5-2.0	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-7ox(2.0-2.5)	05/06/08	2.0-2.5	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-8(2.5-3.0)[1]	05/06/08	2.5-3.0	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-9(2.5-3.0)	05/06/08	2.5-3.0	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-10(1.5-2.0)[1]	05/06/08	1.5-2.0	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-11ox(2.0-2.5)	05/06/08	2.0-2.5	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-28(4.5-5.0)	05/06/08	4.5-5.0	33 U	33 U	33 U	33 U	33 U	33 U	33 U
CAA-2-29(5.5-6.0)[1]	05/06/08	5.5-6.0	33 U	33 U	33 U	33 U	33 U	33 U	**160**
DUP-11[1]	05/06/08	NA	33 U	33 U	33 U	33 U	33 U	33 U	**180**
CAA-2-29ox(5.5-6.0)[1]	05/22/08	5.5-6.0	33 U	33 U	33 U	33 U	33 U	33 U	**57**
MTCA Method A Cleanup Level			1,000[2]						

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated PAHs, PCBs, Organochlorine Pesticides, VOCs, SVOCs, chromium, diesel-, and/or heavy oil-range hydrocarbons.
2. Cleanup level based on applicable federal law (40 CFR 76161). This is a total value for the sum of all PCBs.

U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 10
Summary of Soil Chemical Analytical Results
Petroleum Hydrocarbons, Select VOCs, and Lead
The Village at Evergreen
Cleanup Action Area 3
Vancouver, Washington

Sample Identification	Date	Depth of Sample (feet BGS)	Location of Sample	Field Screening Results		Hydrocarbon Indentification by Method NWTPH-HCID (mg/Kg)			Gasoline-Range Hydrocarbons by Method NWTPH-Gx (mg/Kg)	Diesel- and Oil-Range Hydrocarbons by Method NWTPH-Dx (mg/Kg)		Select VOCs by EPA Method 8260B/5035A (µg/Kg)									Total Metals by EPA Method 6020 (ICPMS) mg/kg
				Headspace Vapor (ppm)	Sheen	Gasoline Range	Diesel Range	Oil Range		Diesel	Oil	Benzene	Ethanol	Ethylbenzene	ethyl tert-butyl ether	Methanol	tert-butyl alcholol	tert-Amyl Methyl Ether	Toluene	Total Xylenes	Lead
UST Excavation																					
CAA-3-1 (15.5-16.0)	04/03/08	15.5-16.0	Base	1	NS	NA	NA	NA	5.18 U	31.1 U	62.2 U	16.2 U	4,600 U	32.4 U	46 U	2,700 U	2,300 U	46 U	130.0 U	97.2 U	**4.60**
CAA-3-2 (16.0-16.5)	04/03/08	16.0-16.5	Base	3.1	NS	NA	NA	NA	4.39 U	24.6 U	49.2 U	13.7 U	5,600 U	27.4 U	56 U	2,700 U	2,800 U	56 U	110.0 U	82.2 U	**10.1**
CAA-3-3 (15.5-16.0)	04/03/08	15.5-16.0	Base	0.8	NS	NA	NA	NA	4.85 U	24.2 U	48.4 U	15.2 U	5,000 U	30.3 U	50 U	2,600 U	2,500 U	50 U	121.0 U	91 U	**3.54**
CAA-3-4 (15.5-16.0)	04/03/08	15.5-16.0	Base	1.1	NS	NA	NA	NA	5.55 U	29.3 U	58.7 U	17.4 U	4,600 U	34.7 U	46 U	2,700 U	2,300 U	46 U	139.0 U	104 U	**7.96**
CAA-3-5 (16.0-16.5)	04/03/08	16.0-16.5	Base	0.9	NS	NA	NA	NA	5.76 U	24.4 U	48.8 U	18.0 U	4,400 U	36.0 U	44 U	2,700 U	2,200 U	44 U	144.0 U	108 U	**2.86**
CAA-3-6 (16.0-16.5)	04/03/08	16.0-16.5	Base	0.8	NS	NA	NA	NA	4.74 U	32.1 U	64.2 U	14.8 U	5,500 U	29.6 U	55 U	2,700 U	2,700 U	55 U	119.0 U	88.9 U	**2.91**
CAA-3-7 (16.5-17.0)	04/03/08	16.5-17.0	Base	0.9	NS	NA	NA	NA	5.43 U	22.3 U	44.7 U	17.0 U	4,600 U	34.0 U	46 U	2,700 U	2,300 U	46 U	136.0 U	102 U	**2.61**
CAA-3-8 (15.5-16.0)	04/03/08	15.5-16.0	Base	1.3	NS	NA	NA	NA	5.16 U	24.5 U	49.0 U	16.1 U	5,000 U	32.3 U	50 U	2,700 U	2,500 U	50 U	129.0 U	96.8 U	**1.92**
CAA-3-9 (16.0-16.5)	04/03/08	16.0-16.5	Base	2.4	NS	NA	NA	NA	5.38 U	21.3 U	42.6 U	16.8 U	4,600 U	33.6 U	46 U	2,700 U	2,300 U	46 U	135.0 U	101 U	**1.67**
CAA-3-10 (16.0-16.5)	04/03/08	16.0-16.5	Base	3.9	NS	NA	NA	NA	5.91 U	20.5 U	41.1 U	18.5 U	4,600 U	36.9 U	46 U	2,800 U	2,300 U	46 U	148.0 U	111 U	**5.82**
CAA-3-11 (15.5-16.0)	04/03/08	15.5-16.0	Base	6.2	NS	NA	NA	NA	6.34 U	23.7 U	47.3 U	19.8 U	4,000 U	39.6 U	40 U	2,700 U	2,000 U	40 U	159.0 U	119 U	**3.56**
CAA-3-12 (15.5-16.0)	04/03/08	15.5-16.0	Base	2.2	NS	NA	NA	NA	5.16 U	24.1 U	48.1 U	16.1 U	4,800 U	32.3 U	48 U	2,700 U	2,400 U	48 U	129.0 U	96.8 U	**3.77**
CAA-3-13 (13.5-14.0)	04/03/08	13.5-14.0	Sidewall	0.0	NS	NA	NA	NA	5.62 U	21.1 U	42.2 U	17.6 U	4,600 U	35.1 U	46 U	2,600 U	2,300 U	46 U	140.0 U	105 U	**6.60**
Dup-3	04/03/08	13.5-14.0	CAA-3-13 Duplicate	0.0	NS	NA	NA	NA	4.78 U	28.6 U	57.2 U	14.9 U	6,100 U	29.9 U	61 U	2,900 U	3,000 U	61 U	119.0 U	89.6 U	**5.02**
CAA-3-14 (10.5-11.0)	04/03/08	10.5-11.0	Sidewall	1.4	NS	NA	NA	NA	5.85 U	26.7 U	53.4 U	18.3 U	4,900 U	36.6 U	49 U	2,800 U	2,500 U	49 U	146.0 U	110 U	**4.12**
CAA-3-15 (11.0-11.5)	04/03/08	11.0-11.5	Sidewall	0.3	NS	NA	NA	NA	5.13 U	25.7 U	51.5 U	16.0 U	5,000 U	32.1 U	50 U	2,700 U	2,500 U	50 U	128.0 U	96.2 U	**4.08**
CAA-3-16 (14.0-14.5)	04/03/08	14.0-14.5	Sidewall	0.9	NS	NA	NA	NA	5.24 U	29.8 U	59.7 U	16.4 U	5,000 U	32.7 U	50 U	2,700 U	2,500 U	50 U	131.0 U	98.2 U	**4.60**
CAA-3-17 (14.5-15.0)	04/04/08	14.5-15.0	Sidewall	0.4	NS	NA	NA	NA	5.54 U	32.1 U	64.1 U	17.3 U	6,900 U	34.7 U	69 U	3,200 U	3,400 U	69 U	139.0 U	104 U	**4.53**
CAA-3-18 (10.0-10.5)	04/04/08	10.0-10.5	Sidewall	0.1	NS	NA	NA	NA	5.66 U	23.0 U	45.9 U	17.7 U	4,400 U	35.4 U	44 U	2,600 U	2,200 U	44 U	141.0 U	106 U	**3.94**
CAA-3-19 (15.5-16.0)	04/04/08	15.5-16.0	Sidewall	1.7	NS	NA	NA	NA	5.02 U	23.5 U	47.0 U	15.7 U	4,800 U	31.4 U	48 U	2,600 U	2,400 U	48 U	126.0 U	94.2 U	**2.44**
CAA-3-20 (10.5-11.0)	04/04/08	10.5-11.0	Sidewall	0.5	NS	NA	NA	NA	5.07 U	24.4 U	48.9 U	15.9 U	5,200 U	31.7 U	52 U	2,700 U	2,600 U	52 U	127.0 U	95.1 U	**3.48**
CAA-3-21 (5.5-6.0)	04/04/08	5.5-6.0	Sidewall	0.3	NS	NA	NA	NA	5.51 U	21.4 U	42.8 U	17.2 U	4,600 U	34.5 U	46 U	2,600 U	2,300 U	46 U	138.0 U	103 U	**4.00**
CAA-3-22 (14.5-15.0)[1]	04/04/08	14.5-15.0	Sidewall	3.9	NS	NA	NA	NA	**6.17**	31.3 U	62.6 U	18.0 U	6,000 U	35.9 U	60 U	2,900 U	3,000 U	60 U	144.0 U	108 U	**7.48**
CAA-3-22OX(14.5-15)	04/17/08	14.5-15.0	Sidewall	0.8	NS	NA	NA	NA	3.52 U	21.8 U	43.5 U	11.0 U	110 U	22.0 U	1.1 U	2,800 U	56 U	1.1 U	88.0 U	66.0 U	**3.22**
CAA-3-23 (6.5-7.0)	04/04/08	6.5-7.0	Sidewall	0.4	NS	NA	NA	NA	5.64 U	18.9 U	37.7 U	17.6 U	4,600 U	35.2 U	46 U	2,800 U	2,300 U	46 U	141.0 U	106 U	**4.73**
CAA-3-24 (15.5-16.0)	04/04/08	15.5-16.0	Sidewall	1.7	NS	NA	NA	NA	5.64 U	19.4 U	38.8 U	17.6 U	4,600 U	35.2 U	46 U	2,700 U	2,300 U	46 U	141.0 U	106 U	**2.75**
CAA-3-25 (15.5-16.0)	04/04/08	15.5-16.0	Sidewall	0	NS	NA	NA	NA	5.16 U	28.6 U	57.3 U	16.1 U	5,600 U	32.2 U	56 U	2,800 U	2,800 U	56 U	129.0 U	96.7 U	**11.30**
CAA-3-26 (7.5-8.0)	04/04/08	7.5-8.0	Sidewall	0.5	NS	NA	NA	NA	5.94 U	29.2 U	58.4 U	18.6 U	4,500 U	37.1 U	45 U	2,800 U	2,200 U	45 U	149.0 U	111 U	**4.27**
CAA-3-27 (15.5-16.0)	04/04/08	15.5-16.0	Sidewall	0.1	NS	NA	NA	NA	5.14 U	20.5 U	40.9 U	16.1 U	4,900 U	32.1 U	49 U	2,700 U	2,500 U	49 U	129.0 U	96.4 U	**2.52**
CAA-3-28 (16.0-16.5)	04/04/08	16.0-16.5	Sidewall	1.1	NS	NA	NA	NA	5.22 U	24.8 U	49.6 U	16.3 U	5,100 U	32.6 U	51 U	2,700 U	2,500 U	51 U	131.0 U	97.9 U	**2.58**
CAA-3-29 (15.0-15.5)	04/04/08	15.0-15.5	Sidewall	0.7	NS	NA	NA	NA	4.96 U	27.2 U	54.4 U	15.5 U	5,600 U	31.0 U	56 U	2,800 U	2,800 U	56 U	124.0 U	93.0 U	**2.84**
CAA-3-30 (7.5-8.0)	04/04/08	7.5-8.0	Sidewall	0.1	NS	NA	NA	NA	5.43 U	27.2 U	54.5 U	17.0 U	4,600 U	33.9 U	46 U	2,700 U	2,300 U	46 U	136 U	102 U	**3.63**
CAA-3-31 (6.0-6.5)	04/04/08	6.0-6.5	Sidewall	0	NS	NA	NA	NA	5.66 U	24.1 U	48.1 U	17.7 U	4,700 U	35.4 U	47 U	2,800 U	2,300 U	47 U	141 U	106 U	**3.31**
CAA-3-32 (12.5-13.0)	04/04/08	12.5-13.0	Sidewall	0.3	NS	NA	NA	NA	4.75 U	18.6 U	37.2 U	14.8 U	5,400 U	29.7 U	54 U	2,700 U	2,700 U	54 U	119.0 U	89 U	**3.80**
CAA-3-33 (15.5-16.0)[1]	04/04/08	15.5-16.0	Sidewall	0.2	NS	NA	NA	NA	4.29 U	24.6 U	49.1 U	13.4 U	6,500 U	26.8 U	65 U	**3,300**	3,200 U	65 U	107.0 U	80.4 U	**36.7**
CAA-3-33OX(15.5-16)	04/17/08	15.5-16.0	Sidewall	0	NS	NA	NA	NA	3.61 U	20.1 U	40.1 U	11.3 U	110 U	22.6 U	1.1 U	2,700 U	54 U	1.1 U	90.4 U	67.8 U	**17.2**
CAA-3-34 (11.0-11.5)	04/04/08	11.0-11.5	Sidewall	0.5	NS	NA	NA	NA	5.50 U	19.6 U	39.2 U	17.2 U	4,700 U	34.4 U	47 U	2,700 U	2,400 U	47 U	138 U	103 U	**3.68**
CAA-3-35 (11.0-11.5)	04/04/08	11.0-11.5	Sidewall	0.7	NS	NA	NA	NA	5.29 U	21.3 U	42.5 U	16.5 U	4,900 U	33.0 U	49 U	2,700 U	2,400 U	49 U	132 U	99.1 U	**4.46**
CAA-3-36 (7.5-8.0)	04/04/08	7.5-8.0	Sidewall	1.3	NS	NA	NA	NA	5.61 U	20.5 U	41.0 U	17.5 U	4,600 U	35.1 U	46 U	2,700 U	2,300 U	46 U	140 U	105 U	**4.21**
CAA-3-37(6.5-7)	04/17/08	6.5-7	Sidewall	0	NS	NA	NA	NA	4.56 U	25.0 U	50.0 U	14.2 U	110 U	28.5 U	1.1 U	2,700 U	55 U	1.1 U	114 U	85.5 U	**3.73**
CAA-3-38(6.5-7)	04/17/08	6.5-7	Sidewall	0	NS	NA	NA	NA	4.22 U	23.0 U	45.9 U	13.2 U	110 U	26.4 U	1.1 U	2,800 U	55 U	1.1 U	106 U	79.2 U	**4.24**

TABLE 10
Summary of Soil Chemical Analytical Results
Petroleum Hydrocarbons, Select VOCs, and Lead
The Village at Evergreen
Cleanup Action Area 3
Vancouver, Washington

Sample Identification	Date	Depth of Sample (feet BGS)	Location of Sample	Field Screening Results		Hydrocarbon Indentification by Method NWTPH-HCID (mg/Kg)			Gasoline-Range Hydrocarbons by Method NWTPH-Gx (mg/Kg)	Diesel- and Oil-Range Hydrocarbons by Method NWTPH-Dx (mg/Kg)		Select VOCs by EPA Method 8260B/5035A (µg/Kg)									Total Metals by EPA Method 6020 (ICPMS) mg/kg
				Headspace Vapor (ppm)	Sheen	Gasoline Range	Diesel Range	Oil Range		Diesel	Oil	Benzene	Ethanol	Ethylbenzene	ethyl tert-butyl ether	Methanol	tert-butyl alcholol	tert-Amyl Methyl Ether	Toluene	Total Xylenes	Lead
CAA-3-39(6.5-7)	04/17/08	6.5-7	Sidewall	0	NS	NA	NA	NA	4.36 U	24.6 U	49.2 U	13.6 U	100 U	27.3 U	1.0 U	2,600 U	51 U	1.0 U	109 U	81.8 U	**3.82**
Clean Overburden from UST Excavation																					
Stockpile-8	04/07/08	NA	Stockpile	1.1	NS	NA	NA	NA	4.55 U	34.1 U	68.1 U	14.2 U	5,000 U	28.4 U	50 U	2,900 U	2,500 U	50 U	114.0 U	85.3 U	**4.12**
Dup-5	04/07/08	NA	Stockpile-8 Duplicate	1.1	NS	NA	NA	NA	4.60 U	23.3 U	46.6 U	14.4 U	4,900 U	28.8 U	49 U	2,800 U	2,400 U	49 U	115.0 U	86.3 U	**6.15**
Stockpile-9	04/07/08	NA	Stockpile	0	NS	NA	NA	NA	5.05 U	25.5 U	51.0 U	15.8 U	6,200 U	31.6 U	62 U	2,800 U	3,100 U	62 U	126.0 U	94.8 U	**4.37**
Stockpile-10	04/07/08	NA	Stockpile	0	NS	NA	NA	NA	4.89 U	24.3 U	48.6 U	15.3 U	5,500 U	30.5 U	55 U	2,700 U	2,700 U	55 U	122.0 U	91.6 U	**7.81**
Stockpile-11	04/08/08	NA	Stockpile	1.2	NS	NA	NA	NA	5.21 U	24.1 U	48.2 U	16.3 U	110 U	32.5 U	1.1 U	2,800 U	56 U	1.1 U	130 U	97.6 U	**4.60**
Stockpile-12	04/08/08	NA	Stockpile	1	NS	NA	NA	NA	5.04 U	25.1 U	50.3 U	15.7 U	120 U	31.5 U	1.2 U	3,000 U	60 U	1.2 U	126 U	94.5 U	**10.2**
Stockpile-13	04/08/08	NA	Stockpile	1.5	NS	NA	NA	NA	4.85 U	26.4 U	52.8 U	15.1 U	110 U	30.3 U	1.1 U	2,800 U	56 U	1.1 U	121 U	90.9 U	**10.7**
Stockpile-14	04/08/08	NA	Stockpile	1.2	NS	NA	NA	NA	5.25 U	26.8 U	53.7 U	16.4 U	110 U	32.8 U	1.1 U	2,800 U	57 U	1.1 U	131 U	98.5 U	**7.89**
Stockpile-15	04/08/08	NA	Stockpile	1.3	NS	NA	NA	NA	4.71 U	26.9 U	53.8 U	14.7 U	110 U	29.4 U	1.1 U	2,800 U	55 U	1.1 U	118 U	88.3 U	**6.83**
Stockpile-16	04/08/08	NA	Stockpile	1.2	NS	NA	NA	NA	6.05 U	24.6 U	49.3 U	18.9 U	110 U	37.8 U	1.1 U	2,700 U	54 U	1.1 U	151 U	113 U	**5.76**
Stockpile-17	04/08/08	NA	Stockpile	2.7	NS	NA	NA	NA	5.27 U	24.0 U	48.0 U	16.5 U	110 U	32.9 U	1.1 U	2,700 U	55 U	1.1 U	132 U	98.8 U	**6.29**
Stockpile-18	04/08/08	NA	Stockpile	1.7	NS	NA	NA	NA	4.72 U	26.9 U	53.9 U	14.7 U	110 U	29.5 U	1.1 U	2,800 U	56 U	1.1 U	118 U	88.4 U	**7.09**
Stockpile-19	04/08/08	NA	Stockpile	2.4	NS	NA	NA	NA	4.65 U	30.1 U	60.2 U	14.5 U	120 U	29.1 U	1.2 U	2,900 U	58 U	1.2 U	116 U	87.2 U	**12.3**
Stockpile-20	04/08/08	NA	Stockpile	1.9	NS	NA	NA	NA	6.15 U	25.0 U	50.1 U	19.2 U	110 U	38.4 U	1.1 U	2,800 U	56 U	1.1 U	154 U	115 U	**8.05**
Stockpile-21	04/08/08	NA	Stockpile	3.9	NS	NA	NA	NA	4.73 U	32.5 U	65.0 U	14.8 U	120 U	29.5 U	1.2 U	2,900 U	58 U	1.2 U	118 U	88.6 U	**10.3**
Dry Wells																					
Drywell-2-10-10.5	03/17/08	10-10.5	Beneath Dry Well	NA	NA	18.4 U	46.0 U	92.0 U	NA	NA	NA	1.1 U	NA	NA	NA	NA	NA	NA	5.7 U	3.4 U	**4.6**
Drywell-3-(14.5-15)[1]	03/18/08	14.5-15	Beneath Dry Well	NA	NA	21.8 U	54.5 U	109 U	NA	NA	NA	1.1 U	NA	NA	NA	NA	NA	NA	5.3 U	3.2 U	**4.85**
Drywell-3-(16.5-17)	04/18/08	16.5-17	Beneath Dry Well	0	NS	15.9 U	39.8 U	79.6 U	NA	NA	NA	1.1 U	NA	NA	NA	NA	NA	NA	1.1 U	3.2 U	**3.01**
DrywellSeds-2[1]	03/19/08	8.5-9	Sediment within Dry Well	NA	NA	19.3 U	48.2 U	96.5 U	NA	NA	NA	5.5 U	NA	NA	NA	NA	NA	NA	28 U	16 U	**5.05**
DrywellSeds-3[1]	03/19/08	13.5-14	Sediment within Dry Well	NA	NA	16.8 U	42.0 U	84.0 U	NA	NA	NA	5.5 U	NA	NA	NA	NA	NA	NA	28 U	16 U	**4.40**
Spoils Removed During Drywell Decommissioning																					
Stockpile-2	03/18/08	NA	Stockpile	NA	NA	22.4 U	56.0 U	**DETECTED**	NA	**42.0**	53.6 U	1.2 U	NA	NA	NA	NA	NA	NA	6.0 U	3.6 U	**14.4**
Stockpile-3[1]	03/18/08	NA	Stockpile	NA	NA	20.8 U	52.1 U	104 U	NA	NA	NA	1.1 U	NA	NA	NA	NA	NA	NA	5.5 U	3.3 U	**13.5**
Septic System Piping																					
Piping-1-(3)	03/18/08	3	Beneath Piping	NA	NA	20.1 U	50.1 U	**DETECTED**	NA	23.9 U	47.8 U	1.0 U	NA	NA	NA	NA	NA	NA	5.3 U	3.2 U	**11.9**
Piping-2-(3)	03/18/08	3	Beneath Piping	NA	NA	24.0 U	60.1 U	120 U	NA	NA	NA	1.1 U	NA	NA	NA	NA	NA	NA	5.7 U	3.4 U	**9.94**
Piping-3-(3)	03/18/08	3	Beneath Piping	NA	NA	23.0 U	57.6 U	115 U	NA	NA	NA	1.2 U	NA	NA	NA	NA	NA	NA	6.0 U	3.6 U	**15.7**
Piping-15(1.5-2.0)	04/24/08	3	Beneath Piping	0.1	NS	17.4 U	43.5 U	87.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**8.01**
MTCA Regulatory Criteria[2]				NA	NA	NE	NE	NE	100	2,000	2,000	30	NE	6,000	NE	40,000,000[3]	NE	NE	7,000	9,000	250

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated gasoline-range hydrocarbons, PAHs, VOCs, and/or SVOCs.
2 All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
Bold: Indicates analyte detection above the laboratory MRL. Each MRL is reported.
U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 11
Soil Chemical Analytical Results
VOCs
EPA Method 8260B/5035A and 8015M
The Village at Evergreen
Cleanup Action Area 3
Vancouver, Washington

Sample I.D.	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	EPA Method 8260B/5035A and 8015M (µg/Kg)															
				Acetone	Acrylonitrile	Benzene	Bromobenzene	Bromodichloromethane	Bromoform	Bromomethane	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane	2-Chloroethyl vinyl ether	Chloroform	Chloromethane
Dry Wells																				
Drywell-2-10-10.5	03/17/08	10-10.5	1.5-2	57 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	57 U	5.7 U	1.1 U
Drywell-3-(14.5-15)[1]	03/18/08	14.5-15	1-1.5	53 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U	53 U	5.3 U	1.1 U
Drywell-3-(16.5-17)	04/18/08	16.5-17	3.0-3.5	54 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	54 U	5.4 U	1.1 U
DrywellSeds-2[1]	03/19/08	8.5-9	NA	280 U	55 U	5.5 U	5.5 U	5.5 U	5.5 U	28 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	28 U	280 U	28 U	5.5 U
DrywellSeds-3[1]	03/19/08	13.5-14	NA	280 U	55 U	5.5 U	5.5 U	5.5 U	5.5 U	28 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	28 U	280 U	28 U	5.5 U
Spoils Removed During Drywell Decommissioning																				
Stockpile-2	03/18/08	NA	NA	60 U	12 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	60 U	6.0 U	1.2 U
Stockpile-3[1]	03/18/08	NA	NA	55 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	55 U	5.5 U	1.1 U
Septic System Piping																				
Piping-1-(3)	03/18/08	3	0-0.5	53 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U	53 U	5.3 U	1.0 U
Piping-2-(3)	03/18/08	3	0-0.5	57 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	57 U	5.7 U	1.1 U
Piping-3-(3)	03/18/08	3	0-0.5	60 U	12 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	60 U	6.0 U	1.2 U
Piping-15(1.5-2.0)	04/24/08	1.5-2	NA	56 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	56 U	5.6 U	1.1 U
MTCA Regulatory Criteria[2]				8,000,000[3]	1,900[4]	30	NE	16,000[4]	130,000[4]	110,000[3]	NE	NE	NE	7,700[4]	1,600,000[3]	NE	NE	NE	160,000[4]	77,000[4]

TABLE 11
Soil Chemical Analytical Results
VOCs
EPA Method 8260B/5035A
The Village at Evergreen
Cleanup Action Area 3
Vancouver, Washington

Sample I.D.	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	EPA Method 8260B/5035A and 8015M (µg/Kg)																
				2-Chlorotoluene	4-Chlorotoluene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane (EDB)	Dibromomethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane (EDC)	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,1-Dichloropropene	1,3-Dichloropropane
Dry Wells																				
Drywell-2-10-10.5	03/17/08	10-10.5	1.5-2	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Drywell-3-(14.5-15)[1]	03/18/08	14.5-15	1-1.5	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Drywell-3-(16.5-17)	04/18/08	16.5-17	3.0-3.5	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
DrywellSeds-2[1]	03/19/08	8.5-9	NA	5.5 U	5.5 U	28 U	5.5[11] U	5.5 U	5.5 U	5.5 U	5.5 U	28 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
DrywellSeds-3[1]	03/19/08	13.5-14	NA	5.5 U	5.5 U	28 U	5.5[11] U	5.5 U	5.5 U	5.5 U	5.5 U	28 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U
Spoils Removed During Drywell Decommissioning																				
Stockpile-2	03/18/08	NA	NA	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Stockpile-3[1]	03/18/08	NA	NA	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Septic System Piping																				
Piping-1-(3)	03/18/08	3	0-0.5	1.0 U	1.0 U	5.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Piping-2-(3)	03/18/08	3	0-0.5	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Piping-3-(3)	03/18/08	3	0-0.5	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Piping-15(1.5-2.0)	04/24/08	1.5-2	NA	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
MTCA Regulatory Criteria[2]				NE	NE	710[4]	5.0	NE	7,200,000[3]	NE	42,000[4]	16,000,000[3]	8,000,000[3]	11,000[4]	4,000,000[3]	800,000[3]	NE	15,000[4]	NE	NE

TABLE 11
Soil Chemical Analytical Results
VOCs
EPA Method 8260B/5035A
The Village at Evergreen
Cleanup Action Area 3
Vancouver, Washington

Sample I.D.	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	EPA Method 8260B/5035A and 8015M (µg/Kg)																
				cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	2,2-Dichloropropane	Di-isopropyl ether	Ethylbenzene	Ethyl Tert-Butyl Ether	Hexachlorobutadiene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	4-Methyl-2-pentanone	Methyl tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tert-Amyl Methyl Ether
Dry Wells																				
Drywell-2-10-10.5	03/17/08	10-10.5	1.5-2	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	NA	1.1 U	1.1 U	1.1 U	11 U	5.7 U	11 U	1.1 U	5.7 U	1.1 U	1.1 U	NA
Drywell-3-(14.5-15)[1]	03/18/08	14.5-15	1-1.5	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	NA	1.1 U	1.1 U	1.1 U	11 U	5.4 U	11 U	1.1 U	5.4 U	1.1 U	1.1 U	NA
Drywell-3-(16.5-17)	04/18/08	16.5-17	3.0-3.5	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	NA	1.1 U	1.1 U	1.1 U	11 U	5.3 U	11 U	1.1 U	5.3 U	1.1 U	1.1 U	NA
DrywellSeds-2[1]	03/19/08	8.5-9	NA	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	NA	5.5 U	5.5 U	5.5 U	55 U	28[11] U	55 U	5.5 U	28 U	5.5 U	5.5 U	NA
DrywellSeds-3[1]	03/19/08	13.5-14	NA	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	NA	5.5 U	5.5 U	5.5 U	55 U	28[11] U	55 U	5.5 U	28 U	5.5 U	5.5 U	NA
Spoils Removed During Drywell Decommissioning																				
Stockpile-2	03/18/08	NA	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	1.2 U	12 U	6.0 U	12 U	1.2 U	6.0 U	1.2 U	1.2 U	NA
Stockpile-3[1]	03/18/08	NA	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	NA	1.1 U	1.1 U	1.1 U	11 U	5.5 U	11 U	1.1 U	5.5 U	1.1 U	1.1 U	NA
Septic System Piping																				
Piping-1-(3)	03/18/08	3	0-0.5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	1.0 U	10 U	5.3 U	10 U	1.0 U	5.3 U	1.0 U	1.0 U	NA
Piping-2-(3)	03/18/08	3	0-0.5	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	NA	1.1 U	1.1 U	1.1 U	11 U	5.7 U	11 U	1.1 U	5.7 U	1.1 U	1.1 U	NA
Piping-3-(3)	03/18/08	3	0-0.5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	1.2 U	12 U	6.0 U	12 U	1.2 U	6.0 U	1.2 U	1.2 U	NA
Piping-15(1.5-2.0)	04/24/08	1.5-2	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	NA	1.1 U	1.1 U	1.1 U	11 U	5.6 U	11 U	1.1 U	5.6 U	1.1 U	1.1 U	NA
MTCA Regulatory Criteria[2]				5,600[4]	5,600[4]	NE	NE	6,000	NE	13,000[4]	NE	NE	48,000,000[3]	20	NE	100	5,000	NE	33,000[4]	NE

TABLE 11
Soil Chemical Analytical Results
VOCs
EPA Method 8260B/5035A
The Village at Evergreen
Cleanup Action Area 3
Vancouver, Washington

Sample I.D.	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoro	Tetrachlorethene (PCE)	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene (TCE)	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2,3-Trimethylbenzene	1,3,5-Trimethybenzene	Vinyl chloride	m,p-Xylene	o-Xylene
Dry Wells																					
Drywell-2-10-10.5	03/17/08	10-10.5	1.5-2	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.4 U	3.4 U
Drywell-3-(14.5-15)[1]	03/18/08	14.5-15	1-1.5	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.2 U	3.2 U
Drywell-3-(16.5-17)	04/18/08	16.5-17	3.0-3.5	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.2 U	3.2 U
DrywellSeds-2[1]	03/19/08	8.5-9	NA	5.5 U	5.5 U	**26**	5.5 U	28 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	28 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	16 U	16 U
DrywellSeds-3[1]	03/19/08	13.5-14	NA	5.5 U	5.5 U	**25**	5.5 U	28 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	28 U	5.5 U	5.5 U	5.5 U	5.5 U	5.5 U	16 U	16 U
Spoils Removed During Drywell Decommissioning																					
Stockpile-2	03/18/08	NA	NA	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
Stockpile-3[1]	03/18/08	NA	NA	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.3 U	3.3 U
Septic System Piping																					
Piping-1-(3)	03/18/08	3	0-0.5	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.2 U	3.2 U
Piping-2-(3)	03/18/08	3	0-0.5	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.4 U	3.4 U
Piping-3-(3)	03/18/08	3	0-0.5	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
Piping-15(1.5-2.0)	04/24/08	1.5-2	NA	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.4 U	3.4 U
MTCA Regulatory Criteria[2]				38,000[4]	5,000[4]	,400,000,000	50.0	7,000	NE	800,000[3]	2,000	18,000[4]	30.0	24,000,000[3]	140[4]	4,000,000[3]	NE	4,000,000[3]	670[4]	9,000	

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated gasoline-range hydrocarbons, PAHs, VOCs, and/or SVOCs.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
4. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.

U: Not detected above the laboratory MRL. Each reporting limit is reported.

TABLE 12
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 3
Vancouver, Washington

Sample Identification	Date	Depth of Sample (feet BGS)	SVOCs by EPA Methods 8270C (mg/Kg)																		
			Acenaphthene	Acenaphthylene	Anthracene	Benzidine	Benzo(a)anthracene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(g,h,I)perylene	Benzo (a) pyrene[1]	Bis(2-chlorethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	4-Bromophenyl-phenylether	2-Chloronaphthalene	4-Chlorophenyl-phenylether	Chyrsene[1]	Dibenz(a,h)anthracene[1]	3,3-Dichlorobenzidine
Dry Wells																					
Drywell-2-10-10.5	03/17/08	10-10.5	37 U	37 U	37 U	370 U	37 U	37 U	37 U	37 U	37 U	370 U	370 U	370 U	370 U	370 U	370 U	37 U	37 U	370 U
Drywell-3-(14.5-15)[2]	03/18/08	14.5-15	35 U	35 U	35 U	**670**	35 U	35 U	35 U	35 U	35 U	350 U	350 U	350 U	350 U	350 U	350 U	35 U	35 U	350 U
Drywell-3-(16.5-17)	04/18/08	16.5-17	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
DrywellSeds-2[2]	03/19/08	8.5-9	36 U	36 U	36 U	360 U	36 U	36 U	36 U	36 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	36 U	36 U	360 U
DrywellSeds-3[2]	03/19/08	13.5-14	36 U	36 U	36 U	360 U	36 U	36 U	36 U	36 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	36 U	36 U	360 U
Spoils Removed During Drywell Decommissioning																					
Stockpile-2	03/18/08	NA	400 U	400 U	400 U	4,000 U	400 U	400 U	400 U	400 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	400 U	400 U	4,000 U
Stockpile-3[2]	03/18/08	NA	36 U	36 U	36 U	**870**	**38**	36 U	36 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	**41**	36 U	360 U
Septic System Piping																					
Piping-1-(3)	03/18/08	3	350 U	350 U	350 U	3,500 U	350 U	350 U	350 U	350 U	350 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	350 U	350 U	3,500 U
Piping-2-(3)	03/18/08	3	380 U	380 U	380 U	3,800 U	380 U	380 U	380 U	380 U	380 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	380 U	380 U	3,800 U
Piping-3-(3)	03/18/08	3	390 U	390 U	390 U	3,900 U	390 U	390 U	390 U	390 U	390 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	390 U	390 U	3,900 U
Piping-15(1.5-2.0)	04/24/08	3	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
MTCA Regulatory Criteria[3]			4,800,000[4]	NE	24,000,000[4]	4.3[5]	100[6]	100[6]	100[6]	NE	100[6]	NE	910[5]	3,200,000[4]	NE	NE	NE	100[6]	100[6]	2,200[5]

TABLE 12
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 3
Vancouver, Washington

Sample Identification	Date	Depth of Sample (feet BGS)	SVOCs by EPA Methods 8270C (mg/Kg)																	
			2,4-Dinitrotoulene	2,6-Dinitrotoulene	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachloro-1,3-butadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno (1,2,3-cd) pyrene[1]	Isophorone	Naphthalene	Nitrobenzene	n-Nitrosodimethylamine	n-Nitrosodiphenylamine	n-Nitrosodi-n-propylamine	Phenanthrene	Benzylbutyl phathalate	Bis(2-ethylhexyl)phthalate
Dry Wells																				
Drywell-2-10-10.5	03/17/08	10-10.5	370 U	370 U	37 U	37 U	370 U	370 U	370 U	370 U	37 U	370 U	37 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
Drywell-3-(14.5-15)[2]	03/18/08	14.5-15	350.00 U	350 U	35 U	**82**	350 U	350 U	350 U	350 U	35 U	350 U	35 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
Drywell-3-(16.5-17)	04/18/08	16.5-17	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
DrywellSeds-2[2]	03/19/08	8.5-9	360 U	360 U	36 U	36 U	360 U	360 U	360 U	360 U	36 U	360 U	0.036 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
DrywellSeds-3[2]	03/19/08	13.5-14	360 U	360 U	36 U	36 U	360 U	360 U	360 U	360 U	36 U	360 U	0.036 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Spoils Removed During Drywell Decommissioning																				
Stockpile-2	03/18/08	NA	4,000 U	4,000 U	400 U	400 U	4,000 U	4,000 U	4,000 U	4,000 U	400 U	4,000 U	400 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U
Stockpile-3[2]	03/18/08	NA	360 U	360 U	**85**	36 U	360 U	360 U	360 U	360 U	36 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Septic System Piping																				
Piping-1-(3)	03/18/08	3	3,500 U	3,500 U	350 U	350 U	3,500 U	3,500 U	3,500 U	3,500 U	350 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U
Piping-2-(3)	03/18/08	3	3,800 U	3,800 U	380 U	380 U	3,800 U	3,800 U	3,800 U	3,800 U	380 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U
Piping-3-(3)	03/18/08	3	3,900 U	3,900 U	390 U	390 U	3,900 U	3,900 U	3,900 U	3,900 U	390 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U
Piping-15(1.5-2.0)	04/24/08	3	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
MTCA Regulatory Criteria[3]			160,000[4]	80,000[4]	3,200,000[4]	3,200,000[4]	630[5]	13,000[5]	480,000[4]	71,000[5]	100[6]	1,100,000[5]	5,000[4]	40,000[4]	20[5]	200,000[5]	140[5]	NE	16,000,000[5]	71,000[5]

TABLE 12
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 3
Vancouver, Washington

Sample Identification	Date	Depth of Sample (feet BGS)	SVOCs by EPA Methods 8270C (mg/Kg)																		
			Di-n-butyl phthalate	Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Pyrene	1,2,4-Trichlorobenzene	4-Chloro-3methylphenol	2-Chlorophenol	2-Methylphenol	3&4-methyl phenol	2,4-Dichlorophenol	2,4-Dimehtylphenol	4,6-Dinitro-2-methylphenol	2,4-Dinitrophenol	2-Nitrophenol	4-Nitrophenol	Pentachlorophenol	Phenol	2,4,6-Trichlorophenol
Dry Wells																					
Drywell-2-10-10.5	03/17/08	10-10.5	370 U	370 U	370 U	370 U	37 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
Drywell-3-(14.5-15)[2]	03/18/08	14.5-15	350.00 U	350 U	350 U	**1,800**	35 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	**1,400**	350 U	350 U	**390**	350 U	350 U	350 U
Drywell-3-(16.5-17)	04/18/08	16.5-17	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	NA	NA	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
DrywellSeds-2[2]	03/19/08	8.5-9	360 U	360 U	360 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
DrywellSeds-3[2]	03/19/08	13.5-14	360 U	360 U	360 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Spoils Removed During Drywell Decommissioning																					
Stockpile-2	03/18/08	NA	4,000 U	4,000 U	4,000 U	4,000 U	400 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U
Stockpile-3[2]	03/18/08	NA	360 U	360 U	360 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	**1,500**	360 U	360 U	**390**	**1,200**	360 U	360 U
Septic System Piping																					
Piping-1-(3)	03/18/08	3	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U
Piping-2-(3)	03/18/08	3	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U
Piping-3-(3)	03/18/08	3	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U	3,900 U
Piping-15(1.5-2.0)	04/24/08	3	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
MTCA Regulatory Criteria[3]			8,000,000[4]	64,000,000[4]	80,000,000[4]	1,600,000[4]	2,400,000[4]	800,000[4]	NE	400,000[4]	NE	NE	240,000[4]	1,600,000[4]	NE	160,000[4]	NE	NE	8,300[5]	48,000,000[4]	91,000[5]

Notes:
1 PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated gasoline-range hydrocarbons, PAHs, VOCs, and/or SVOCs.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
6. MTCA Method A Cleanup Level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).
U: Not detected above the laboratory MRL. Each MRL is reported.
Bold: Indicates analyte detection above the laboratory MRL.

TABLE 13
Summary of Soil Chemical Analytical Results
PAH's
The Village at Evergreen
Cleanup Action Area 3
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	PAHs by EPA Method 8270C-SIM (µg/Kg)															
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene[1]	Benzo(a)pyrene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(g,h,i)perylene	Chrysene[1]	Dibenz(a,h)anthracene[1]	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene[1]	Naphthalene	Phenanthrene	Pyrene
Dry Wells																		
Drywell-2-10-10.5	03/17/08	10-10.5	32.4 U	32.4 U	32.4 U	32.4 U	32.4 U	32.4 U	32.4 U	32.4 U	32.4 U	32.4 U	32.4 U	32.4 U	32.4 U	32.4 U	32.4 U	32.4 U
Drywell-3-(14.5-15)[2]	03/18/08	14.5-15	31.9 U	31.9 U	31.9 U	31.9 U	31.9 U	31.9 U	31.9 U	31.9 U	31.9 U	31.9 U	**47.9**	31.9 U	31.9 U	31.9 U	**41.6**	**38.4**
Drywell-3-(16.5-17)	04/18/08	16.5-17	28.4 U	28.4 U	28.4 U	28.4 U	28.4 U	28.4 U	28.4 U	28.4 U	28.4 U	28.4 U	28.4 U	28.4 U	28.4 U	28.4 U	28.4 U	28.4 U
DrywellSeds-2[2]	03/19/08	8.5-9	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U
DrywellSeds-3[2]	03/19/08	13.5-14	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U
Spoils Removed During Drywell Decommissioning																		
Stockpile-2	03/18/08	NA	38.3 U	38.3 U	38.3 U	38.3 U	38.3 U	38.3 U	38.3 U	38.3 U	38.3 U	38.3 U	38.3 U	38.3 U	38.3 U	38.3 U	38.3 U	38.3 U
Stockpile-3[2]	03/18/08	NA	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U	30.3 U
Septic System Piping																		
Piping-1-(3)	03/18/08	3	64.4 U	64.4 U	64.4 U	64.4 U	64.4 U	64.4 U	64.4 U	64.4 U	64.4 U	64.4 U	64.4 U	64.4 U	64.4 U	64.4 U	64.4 U	64.4 U
Piping-2-(3)	03/18/08	3	71.4 U	71.4 U	71.4 U	71.4 U	71.4 U	71.4 U	71.4 U	71.4 U	71.4 U	71.4 U	71.4 U	71.4 U	71.4 U	71.4 U	71.4 U	71.4 U
Piping-3-(3)	03/18/08	3	35.1 U	35.1 U	35.1 U	35.1 U	35.1 U	35.1 U	35.1 U	35.1 U	35.1 U	35.1 U	35.1 U	35.1 U	35.1 U	35.1 U	35.1 U	35.1 U
Piping-15(1.5-2.0)	04/24/08	3	31.2 U	31.2 U	31.2 U	31.2 U	31.2 U	31.2 U	31.2 U	31.2 U	31.2 U	31.2 U	31.2 U	31.2 U	31.2 U	31.2 U	31.2 U	31.2 U
MTCA Regulatory Criteria[3]			4,800,000[4]	NE	24,000,000[4]	100[5]	100[5]	100[5]	100[5]	NE	100[5]	100[5]	3,200,000[4]	3,200,000[4]	100[5]	5,000	NE	2,400,000[4]

Notes:
1. PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated gasoline-range hydrocarbons, PAHs, VOCs, and/or SVOCs.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method A Cleanup Level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).

U: Not detected above the laboratory MRL. Each MRL is reported.
Bold: Indicates analyte detection above the laboratory MRL. Each MRL is reported.
Shading indicates detected concentration greater than the MTCA Cleanup Level.

TABLE 14
Soil Chemical Analytical Results
Total Metals
The Village at Evergreen
Cleanup Action Area 3
Vancouver, Washington

Sample Identification	Date	Depth of Sample (feet BGS)	Total Metals by EPA Method 6020 (ICPMS)/7471/7196A (mg/Kg)								
			Arsenic	Cadmium	Total Chromium	Hexavalent Chromium	Copper	Lead	Tin	Zinc	Mercury
Dry Wells											
Drywell-2-10-10.5	03/17/08	10-10.5	**1.48**	1.16 U	**5.39**	2.3 U	**34.3**	**4.6**	5.79 U	**58.3**	0.0174 U
Drywell-3-(14.5-15)[1]	03/18/08	14.5-15	1.18 U	1.18 U	**9.37**	2.1 U	**30.1**	**4.85**	5.90 U	**130**	0.0177 U
Drywell-3-(16.5-17)	04/18/08	16.5-17	**1.64**	1.28 U	**7.51**	NA	**17.3**	**3.01**	6.40 U	**53.1**	0.102U
DrywellSeds-2[1]	03/19/08	8.5-9	1.17 U	1.17 U	**5.28**	2.2 U	**29.9**	**5.05**	5.85 U	**51.6**	0.0175 U
DrywellSeds-3[1]	03/19/08	13.5-14	1.28 U	1.28 U	**5.68**	2.2 U	**26.4**	**4.40**	6.38 U	**50.6**	0.0191 U
Spoils Removed During Drywell Decommissioning											
Stockpile-2	03/18/08	NA	**1.42**	1.17 U	**12.8**	2.4 U	**27.4**	**14.4**	5.84 U	**125**	**0.0280**
Stockpile-3[1]	03/18/08	NA	**1.55**	1.06 U	**10.2**	2.2 U	**35.7**	**13.5**	5.32 U	**79.0**	0.0160 U
Septic System Piping											
Piping-1-(3)	03/18/08	3	1.25 U	1.25 U	**11.1**	2.1 U	**38.1**	**11.9**	6.27 U	**172**	**0.0489**
Piping-2-(3)	03/18/08	3	**2.45**	1.17 U	**12.9**	2.3 U	**33.3**	**9.94**	5.84 U	**168**	**0.0549**
Piping-3-(3)	03/18/08	3	**1.55**	1.41 U	**13.2**	2.4 U	**36.5**	**15.7**	7.03 U	**195**	**0.135**
Piping-15(1.5-2.0)	04/24/08	3	**3.82**	1.20 U	**17.3**	NA	**25.8**	**8.01**	6.00 U	**121**	0.0960 U
MTCA Regulatory Criteria[2]			20	2	2,000	19	3,000[3]	250	48,000[3]	24,000[3]	2

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated gasoline-range hydrocarbons, PAHs, VOCs, and/or SVOCs.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.

Bold: indicates analyte detection

TABLE 15
Soil Chemical Analytical Results
Petroleum Hydrocarbons
The Village at Evergreen
Cleanup Action Area 4
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Field Screening Results		Hydrocarbon Indentification by Method NWTPH-HCID (mg/Kg)			Gasoline-Range Hydrocarbons by Method NWTPH-Gx (mg/Kg)	Diesel- and Oil-Range Hydrocarbons by Method NWTPH-Dx (mg/Kg)	
			Headspace Vapor (ppm)	Sheen	Gasoline Range	Diesel Range	Oil Range		Diesel	Oil
Dry Well										
Drywell-4 (9.5-10)	03/19/08	9.5-10	NA	NA	20.7 U	51.7 U	103 U	NA	NA	NA
DrywellSeds-4[1]	03/19/08	5.5-6.0	NA	NA	20.0 U	49.9 U	99.8 U	NA	NA	NA
Drywell-5 (16.5-17)	03/20/08	16.5-7	NA	NA	18.7 U	46.7 U	93.3 U	NA	NA	NA
DrywellSeds-5	03/20/08	12.5-13.0	NA	NA	17.2 U	42.9 U	85.8 U	NA	NA	NA
Septic System Piping										
Piping-14(0.5-0.75)[1]	04/24/08	0.5-0.75	0.0	NS	20.4 U	50.9 U	102 U	NA	NA	NA
Spoils Removed During Dry Well Decommissioning										
Stockpile-4[1]	03/19/08	NA	NA	NA	20.6 U	51.6 U	103 U	NA	NA	NA
Stockpile-5[1]	03/20/08	NA	NA	NA	20.5 U	51.2 U	**Detected**	NA	**34.0**	**456**
MTCA Regulatory Criteria[2]			NA	NA	NE	NE	NE	100	2,000	2,000

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated VOCs, cadmium, and/or diesel-range and heavy oil-range hydrocarbons.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
U: Not detected above the laboratory MRL. Each MRL is reported.
Bold: Indicates analyte detection above the laboratory MRL. Each MRL is reported.

TABLE 16
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 4
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A (µg/Kg)																
				Acetone	Acrylonitrile	Benzene	Bromobenzene	Bromodichloromethane	Bromoform	Bromomethane	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane	2-Chloroethyl vinyl ether	Chloroform	Chloromethane
Dry Wells																				
Drywell-4 (9.5-10)	03/19/08	9.5-10	3.5-4	280 U	56 U	5.6 U	5.6 U	5.6 U	5.6 U	28 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	28 U	280 U	28 U	5.6 U
DrywellSeds-4[1]	03/19/08	5.5-6.0	NA	270 U	54 U	5.4 U	5.4 U	5.4 U	5.4 U	27 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	27 U	270 U	27 U	5.4 U
Drywell-5 (16.5-17)	03/20/08	16.5-7	3.5-4	53 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U	53 U	5.3 U	1.1 U
DrywellSeds-5	03/20/08	12.5-13.0	NA	55 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	55 U	5.5 U	1.1 U
Septic System Piping																				
Piping-14(0.5-0.75)[1]	04/24/08	0.5-0.75	0.25-0.5	**240**	12 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U	62 U	6.2 U	1.2 U
Piping-14ox(1.5-2.0)	05/22/08	1.5-2.0	1.25-1.75	**67**	12 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	60 U	6.0 U	1.2 U
Spoils Removed During Dry Well Decommissioning																				
Stockpile-4[1]	03/19/08	NA	NA	290 U	59 U	5.9 U	5.9 U	5.9 U	5.9 U	29 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	29 U	290 U	29 U	5.9 U
Stockpile-5[1]	03/20/08	NA	NA	54 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	54 U	5.4 U	1.1 U
MTCA Regulatory Criteria[2]				8,000,000[3]	1,900[4]	30	NE	16,000[4]	130,000[4]	110,000[3]	NE	NE	NE	7,700[4]	1,600,000[3]	NE	NE	NE	160,000[4]	77,000[4]

Table 16
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 4
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample Below Ground Surface (feet)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A (µg/Kg)																
				2-Chlorotoluene	4-Chlorotoluene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane (EDB)	Dibromomethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane (EDC)	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,1-Dichloropropene	1,3-Dichloropropane
Dry Wells																				
Drywell-4 (9.5-10)	03/19/08	9.5-10	3.5-4	5.6 U	5.6 U	28 U	1.6[5] U	5.6 U	5.6 U	5.6 U	5.6 U	28 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U
DrywellSeds-4[1]	03/19/08	5.5-6.0	NA	5.4 U	5.4 U	27 U	1.6[5] U	5.4 U	5.4 U	5.4 U	5.4 U	27 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U
Drywell-5 (16.5-17)	03/20/08	16.5-7	3.5-4	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
DrywellSeds-5	03/20/08	12.5-13.0	NA	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Septic System Piping																				
Piping-14(0.5-0.75)[1]	04/24/08	0.5-0.75	0.25-0.5	1.2 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Piping-14ox(1.5-2.0)	05/22/08	1.5-2.0	1.25-1.75	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Spoils Removed During Dry Well Decommissioning																				
Stockpile-4[1]	03/19/08	NA	NA	5.9 U	5.9 U	29 U	1.6[5] U	5.9 U	5.9 U	5.9 U	5.9 U	29 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U
Stockpile-5[1]	03/20/08	NA	NA	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
MTCA Regulatory Criteria[2]				NE	NE	710[4]	5.0	NE	7,200,000[3]	NE	42,000[4]	16,000,000[3]	8,000,000[3]	11,000[4]	4,000,000[3]	800,000[3]	NE	15,000[4]	NE	NE

Table 16
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 4
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample Below Ground Surface (feet)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A (µg/Kg)																
				cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	2,2-Dichloropropane	Di-isopropyl ether	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	4-Methyl-2-pentanone	Methyl tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane
Dry Wells																				
Drywell-4 (9.5-10)	03/19/08	9.5-10	3.5-4	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	56 U	28[11] U	56 U	5.6 U	28 U	5.6 U	5.6 U	5.6 U	5.6 U
DrywellSeds-4[1]	03/19/08	5.5-6.0	NA	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	54 U	27[11] U	54 U	5.4 U	27 U	5.4 U	5.4 U	5.4 U	5.4 U
Drywell-5 (16.5-17)	03/20/08	16.5-7	3.5-4	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	11 U	5.3 U	11 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U
DrywellSeds-5	03/20/08	12.5-13.0	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	11 U	5.5 U	11 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U
Septic System Piping																				
Piping-14(0.5-0.75)[1]	04/24/08	0.5-0.75	0.25-0.5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	12 U	6.2 U	12 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Piping-14ox(1.5-2.0)	05/22/08	1.5-2.0	1.25-1.75	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	12 U	6.0 U	12 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U
Spoils Removed During Dry Well Decommissioning																				
Stockpile-4[1]	03/19/08	NA	NA	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	59 U	29[11] U	59 U	5.9 U	29 U	5.9 U	5.9 U	5.9 U	5.9 U
Stockpile-5[1]	03/20/08	NA	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	11 U	5.4 U	11 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U
MTCA Regulatory Criteria[2]				5,600[4]	5,600[4]	NE	NE	6,000	13,000[4]	NE	NE	48,000,000[3]	20	NE	100	5,000	NE	33,000[4]	38,000[4]	5,000[4]

Table 16
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 4
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample Below Ground Surface (feet)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A (µg/Kg)															
				1,1,2-Trichloro-1,2,2-trifluoro	Tetrachlorethene (PCE)	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene (TCE)	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2,3-Trimethylbenzene	1,3,5-Trimethybenzene	Vinyl chloride	m,p-Xylene	o-Xylene
Dry Wells																			
Drywell-4 (9.5-10)	03/19/08	9.5-10	3.5-4	28 U	5.6 U	28 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	28 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	17 U	17 U
DrywellSeds-4[1]	03/19/08	5.5-6.0	NA	**14**	5.4 U	27 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	27 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	16 U	16 U
Drywell-5 (16.5-17)	03/20/08	16.5-7	3.5-4	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.2 U	3.2 U
DrywellSeds-5	03/20/08	12.5-13.0	NA	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.3 U	3.3 U
Septic System Piping																			
Piping-14(0.5-0.75)[1]	04/24/08	0.5-0.75	0.25-0.5	1.2 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.7 U	3.7 U
Piping-14ox(1.5-2.0	05/22/08	1.5-2.0	1.25-1.75	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
Spoils Removed During Dry Well Decommissioning																			
Stockpile-4[1]	03/19/08	NA	NA	29 U	5.9 U	29 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	29 U	5.9 U	5.9 U	5.9 U	5.9 U	5.9 U	18 U	18 U
Stockpile-5[1]	03/20/08	NA	NA	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.3 U	3.3 U
MTCA Regulatory Criteria[2]				2,400,000,000[3]	50.0	7,000	NE	800,000[3]	2,000	18,000[4]	30.0	24,000,000[3]	140[4]	4,000,000[3]	NE	4,000,000[3]	670[4]	9,000	

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated VOCs, cadmium, and/or diesel-range and heavy oil-range hydrocarbons.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quanti
4. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not clea levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation l
5. MDL is reported.

U: Not detected above the reporting limits. Each reporting limit is reported.

TABLE 17
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 4
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																			
			Acenaphthene	Acenaphthylene	Anthracene	Benzidine	Benzo(a)anthracene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(g,h,I)perylene	Benzo (a) pyrene[1]	Bis(2-chlorethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	4-Bromophenyl-phenylether	2-Chloronaphthalene	4-Chlorophenyl-phenylether	Chyrsene[1]	Dibenz(a,h)anthracene[1]	3,3-Dichlorobenzidine	2,4-Dinitrotoulene
Dry Wells																						
Drywell-4 (9.5-10)	03/19/08	9.5-10	37 U	37 U	37 U	370 U	37 U	37 U	37 U	37 U	37 U	370 U	370 U	370 U	370 U	370 U	370 U	37 U	37 U	370 U	370 U
DrywellSeds-4[2]	03/19/08	5.5-6.0	36 U	36 U	36 U	360 U	36 U	36 U	36 U	36 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	36 U	36 U	360 U	360 U
Drywell-5 (16.5-17)	03/20/08	16.5-7	35 U	35 U	35 U	350 U	35 U	35 U	35 U	35 U	35 U	350 U	350 U	350 U	350 U	350 U	350 U	35 U	35 U	350 U	350 U
DrywellSeds-5	03/20/08	12.5-13.0	36 U	36 U	36 U	360 U	36 U	36 U	36 U	36 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	36 U	36 U	360 U	360 U
Septic System Piping																						
Piping-14(0.5-0.75)[2]	04/24/08	0.5-0.75	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U
Spoils Removed During Dry Well Decommissioning																						
Stockpile-4[2]	03/19/08	NA	39 U	39 U	39 U	0.39 U	39 U	39 U	39 U	39 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	39 U	39 U	390 U	390 U
Stockpile-5[2]	03/20/08	NA	36 U	36 U	36 U	0.36 U	36 U	36 U	36 U	36 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	36 U	36 U	360 U	360 U
MTCA Regulatory Criteria[3]			4,800,000[4]	NE	24,000,000[4]	4.3[5]	100[6]	100[6]	100[6]	NE	100[6]	NE	910[5]	3,200,000[4]	NE	NE	NE	100[6]	100[6]	2,200[5]	160,000[4]

TABLE 17
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 4
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																	
			2,6-Dinitrotoulene	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachloro-1,3-butadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno (1,2,3-cd) pyrene[1]	Isophorone	Naphthalene	Nitrobenzene	n-Nitrosodimethylamine	n-Nitrosodiphenylamine	n-Nitrosodi-n-propylamine	Phenanthrene	Benzylbutyl phathalate	Bis(2-ethylhexyl)phthalate	Di-n-butyl phthalate
Dry Wells																				
Drywell-4 (9.5-10)	03/19/08	9.5-10	370 U	37 U	37 U	370 U	370 U	370 U	370 U	37 U	370 U	37 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
DrywellSeds-4[2]	03/19/08	5.5-6.0	360 U	36 U	36 U	360 U	360 U	360 U	360 U	36 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Drywell-5 (16.5-17)	03/20/08	16.5-7	350 U	35 U	35 U	350 U	350 U	350 U	350 U	35 U	350 U	35 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
DrywellSeds-5	03/20/08	12.5-13.0	360 U	36 U	36 U	360 U	360 U	360 U	360 U	36 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Septic System Piping																				
Piping-14(0.5-0.75)[2]	04/24/08	0.5-0.75	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U
Spoils Removed During Dry Well Decommissioning																				
Stockpile-4[2]	03/19/08	NA	390 U	39 U	39 U	390 U	390 U	390 U	390 U	39 U	390 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Stockpile-5[2]	03/20/08	NA	360 U	36 U	36 U	360 U	360 U	360 U	360 U	36 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
MTCA Regulatory Criteria[3]			80,0004	3,200,000[4]	3,200,000[4]	630[5]	13,000[5]	480,000[4]	71,000[5]	100[6]	1,100,000[5]	5,000[4]	40,000[4]	20[5]	200,000[5]	140[5]	NE	16,000,000[4]	71,000[5]	8,000,000[4]

TABLE 17
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 4
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																	
			Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Pyrene	1,2,4-Trichlorobenzene	4-Chloro-3methylphenol	2-Chlorophenol	2-Methylphenol	3&4-methyl phenol	2,4-Dichlorophenol	2,4-Dimehtylphenol	4,6-Dinitro-2-methylphenol	2,4-Dinitrophenol	2-Nitrophenol	4-Nitrophenol	Pentachlorophenol	Phenol	2,4,6-Trichlorophenol
Dry Wells																				
Drywell-4 (9.5-10)	03/19/08	9.5-10	370 U	370 U	370 U	37 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
DrywellSeds-4[2]	03/19/08	5.5-6.0	360 U	360 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Drywell-5 (16.5-17)	03/20/08	16.5-7	350 U	350 U	350 U	35 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
DrywellSeds-5	03/20/08	12.5-13.0	360 U	360 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Septic System Piping																				
Piping-14(0.5-0.75)[2]	04/24/08	0.5-0.75	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U
Spoils Removed During Dry Well Decommissioning																				
Stockpile-4[2]	03/19/08	NA	390 U	390 U	390 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Stockpile-5[2]	03/20/08	NA	360 U	360 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
MTCA Regulatory Criteria[3]			64,000,000[4]	80,000,000[4]	1,600,000[4]	2,400,000[4]	800,000[4]	NE	400,000[4]	NE	NE	240,000[4]	1,600,000[4]	NE	160,000[4]	NE	NE	8,300[5]	48,000,000[4]	91,000[5]

Notes:
1 PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated VOCs, cadmium, and/or diesel-range and heavy oil-range hydrocarbons.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
6. MTCA Method A cleanup level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).
U: Not detected above the laboratory MRL. Each MRL is reported.
Bold: Indicates analyte detection above the laboratory MRL.

TABLE 18
Soil Chemical Analytical Results
PAHs
The Village at Evergreen
Cleanup Action Area 4
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	PAHs by EPA Method 8270C-SIM (µg/Kg)																
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene[1]	Benzo(a)pyrene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(b+k)fluoranthene(s)	Benzo(g,h,i)perylene	Chrysene[1]	Dibenz(a,h)anthracene[1]	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene[1]	Naphthalene	Phenanthrene	Pyrene
Dry Well																			
Drywell-4 (9.5-10)	03/19/08	9.5-10	47.2 U	47.2 U	47.2 U	47.2 U	47.2 U	47.2 U	47.2 U	NA	47.2 U	47.2 U	47.2 U	47.2 U	47.2 U	47.2 U	47.2 U	47.2 U	47.2 U
DrywellSeds-4[2]	03/19/08	5.5-6.0	36.3 U	36.3 U	36.3 U	36.3 U	36.3 U	36.3 U	36.3 U	72.5	36.3 U	36.3 U	36.3 U	36.3 U	36.3 U	36.3 U	36.3 U	36.3 U	36.3 U
Drywell-5 (16.5-17)	03/20/08	16.5-7	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U	NA	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U
DrywellSeds-5	03/20/08	12.5-13.0	71.1 U	71.1 U	71.1 U	71.1 U	71.1 U	71.1 U	71.1 U	NA	71.1 U	71.1 U	71.1 U	71.1 U	71.1 U	71.1 U	71.1 U	71.1 U	71.1 U
Septic System Piping																			
Piping-14(0.5-0.75)[2]	04/24/08	0.5-0.75	36.8 U	36.8 U	36.8 U	36.8 U	36.8 U	36.8 U	36.8 U	NA	36.8 U	36.8 U	36.8 U	36.8 U	36.8 U	36.8 U	36.8 U	36.8 U	36.8 U
Spoils Removed During Dry Well Decommissioning																			
Stockpile-4[2]	03/19/08	NA	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U	NA	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U
Stockpile-5[2]	03/20/08	NA	76.1 U	76.1 U	76.1 U	76.1 U	76.1 U	76.1 U	76.1 U	NA	76.1 U	76.1 U	76.1 U	76.1 U	76.1 U	76.1 U	76.1 U	76.1 U	76.1 U
MTCA Regulatory Criteria[3]			4,800,000[4]	NE	24,000,000[4]	100[5]	100[5]	100[5]	100[5]	NE	NE	100[5]	100[5]	3,200,000[4]	3,200,000[4]	100[5]	5,000	NE	2,400,000[4]

Notes:
1. PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated VOCs, cadmium, and/or diesel-range and heavy oil-range hydrocarbons.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method A Cleanup Level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).

U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 19
Soil Chemical Analytical Results
Total Metals
The Village at Evergreen
Cleanup Action Area 4
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Total Metals by EPA Method 6020 (ICPMS)/7471/7196A (mg/Kg)									
			Arsenic	Cadmium	Total Chromium	Hexavalent Chromium	Copper	Lead	Tin	Zinc	Mercury	Leachable Metals EPA Method 1312 (mg/L)
												Cadmium
Dry Well												
Drywell-4 (9.5-10)	03/19/08	9.5-10	1.37 U	1.37 U	**4.57**	2.2 U	**12.9**	**5.74**	6.87 U	**55.9**	**0.0563**	NA
DrywellSeds-4[1]	03/19/08	5.5-6.0	**2.87**	**2.41**	**23.3**	2.2 U	**46.6**	**53.0**	**11.4**	**119**	**0.149**	NA
Drywell-5 (16.5-17)	03/20/08	16.5-7	1.12 U	1.12 U	**7.74**	2.1 U	**22.7**	**3.81**	5.59 U	**39.3**	0.0168 U	NA
DrywellSeds-5	03/20/08	12.5-13.0	**2.07**	1.23 U	**4.98**	2.2 U	**27.7**	**4.12**	6.15 U	**47.9**	0.0185 U	NA
Septic System Piping												
Piping-14(0.5-0.75)[1]	04/24/08	0.5-0.75	**3.14**	**1.54**	**18.4**	NA	**28.2**	**17.6**	6.95 U	**142**	0.111 U	
Spoils Removed During Dry Well Decommissioning												
Stockpile-4[1]	03/19/08	NA	**2.34**	**2.13**	**20.6**	2.4 U	**36.5**	**34.7**	6.67 U	**102**	**0.0569**	NA
Stockpile-5[1]	03/20/08	NA	**1.37**	1.28 U	**12**	2.2 U	**48.6**	**21.00**	6.38 U	**71.0**	0.0191 U	NA
Excavation South of Paint Booth												
CAA-4-1(2.5-3.0)	04/25/08	2.5-3.0	NA	1.39 U	NA	NA	NA	NA	NA	NA	NA	NA
CAA-4-2(2.0-2.5)	04/25/08	2.0-2.5	NA	1.39 U	NA	NA	NA	NA	NA	NA	NA	NA
CAA-4-3(3.0-3.5)	04/25/08	3.0-3.5	NA	1.39 U	NA	NA	NA	NA	NA	NA	NA	NA
CAA-4-4(3.0-3.5)	04/25/08	3.0-3.5	NA	1.39 U	NA	NA	NA	NA	NA	NA	NA	NA
CAA-4-5(2.0-2.5)	04/25/08	2.0-2.5	NA	1.39 U	NA	NA	NA	NA	NA	NA	NA	NA
CAA-4-6(2.5-3.0)	04/25/08	2.5-3.0	NA	1.39 U	NA	NA	NA	NA	NA	NA	NA	NA
MTCA Regulatory Criteria[2]			20	2	2,000	19	3,000[3]	250	48,000[3]	24,000[3]	2	NA
Method B Cleanup Level Protective of Groundwater			NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.050[4]

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated VOCs, cadmium, and/or diesel-range and heavy oil-range hydrocarbons.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
4. For cadmium, the leaching test effluent concentration must be less than, or equal to, ten times the applicable ground water cleanup level established under WAC 173-340-720.

Bold: indicates analyte detection

Shading indicates detected concentration greater than the MTCA cleanup level.

TABLE 20
Summary of Soil Chemical Analytical Results
Petroleum Hydrocarbons and Metals
The Village at Evergreen
Cleanup Action Areas 5
Vancouver, Washington

Sample Identification	Date	Location of Sample	Depth of Sample (feet BGS)	Field Screening Results		Hydrocarbon Indentification by Method NWTPH-HCID (mg/Kg)			Diesel- and Oil-Range Hydrocarbons by Method NWTPH-Dx (mg/Kg)	
				Headspace Vapor (ppm)	Sheen	Gasoline Range	Diesel Range	Oil Range	Diesel	Oil
Used Oil Drum Storage										
CAA-5-1(0.5-1.0)	04/09/08	Base	0.5-1.0	0.4	NS	NA	NA	NA	21.7 U	43.3 U
Bottomless Septic Tank										
Septic-2-(7.5)[1]	03/17/08	Base of Septic Tank	7.5	NA	NA	18.5 U	46.4 U	92.7 U	NA	NA
Dry Well										
Drywell-1-13-13.5	03/17/08	Beneath Dry Well	13-13.5	NA	NA	21.6 U	53.9 U	108 U	NA	NA
DrywellSeds-1	03/19/08	Sediment within Dry Well	NA	NA	NA	22.6 U	56.4 U	113 U	NA	NA
Spoils Removed During Dry Well Decommissioning										
Stockpile-1[1]	03/18/08	Stockpile	NA	NA	NA	19.1 U	47.9 U	95.7 U	NA	NA
Duplicate-1[1]	03/18/08	Stockpile-1 Duplicate	NA	NA	NA	21.5 U	53.7 U	107 U	NA	NA
Septic System Piping										
Piping-17 (0.5-1.0)[1]	04/25/08	Beneath Piping	0.5-1.0	0.5	NS	18.1 U	45.2 U	90.4 U	NA	NA
MTCA Regulatory Criteria[2]			NA	NA	NA	NE	NE	NE	2,000	2,000

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated cadmium and/or PAHs.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 21
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 5
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)													
				Acetone	Acrylonitrile	Benzene	Bromobenzene	Bromodichloromethane	Bromoform	Bromomethane	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane
Bottomless Septic Tank																	
Septic-2 (7.5)[1]	03/17/08	7.5	0-0.5	59 U	12 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U
Dry Well																	
Drywell-1-13-13.5	03/17/08	Beneath Dry Well	13-13.5	57 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U
DrywellSeds-1	03/19/08	Sediment within Dry Well	NA	270 U	54 U	5.4 U	5.4 U	5.4 U	5.4 U	27 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	27 U
Spoils Removed During Dry Well Decommissioning																	
Stockpile-1[1]	03/18/08	Stockpile	NA	55 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U
Duplicate-1[1]	03/18/08	Stockpile-1 Duplicate	NA	58 U	12 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U
Septic System Piping																	
Piping-17 (0.5-1.0)[1]	04/25/08	Beneath Piping	0.5-1.0	**350**	12 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U
Piping-17ox(2.0-2.5	05/22/08	Beneath Piping	2.0-2.5	**89**	11 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U
MTCA Regulatory Criteria[2]				8,000,000[3]	1,900[4]	30	NE	16,000[4]	130,000[4]	110,000[3]	NE	NE	NE	7,700[4]	1,600,000[3]	NE	NE

TABLE 21
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 5
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)													
				2-Chloroethyl vinyl ether	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane (EDB)	Dibromomethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dicloroethane	1,2-Dichloroethane (EDC)
Bottomless Septic Tank																	
Septic-2 (7.5)[1]	03/17/08	7.50	0-0.5	59 U	5.9 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U
Dry Well																	
Drywell-1-13-13.5	03/17/08	Beneath Dry Well	13-13.5	57 U	5.7 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U
DrywellSeds-1	03/19/08	Sediment within Dry Well	NA	270 U	27 U	5.4 U	5.4 U	5.4 U	27 U	5.4[11] U	5.4 U	5.4 U	5.4 U	5.4 U	27 U	5.4 U	5.4 U
Spoils Removed During Dry Well Decommissioning																	
Stockpile-1[1]	03/18/08	Stockpile	NA	55 U	5.5 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U
Duplicate-1[1]	03/18/08	Stockpile-1 Duplicate	NA	58 U	5.8 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U
Septic System Piping																	
Piping-17 (0.5-1.0)[1]	04/25/08	Beneath Piping	0.5-1.0	61 U	6.1 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U
Piping-17ox(2.0-2.5	05/22/08	Beneath Piping	2.0-2.5	57 U	5.7 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U
MTCA Regulatory Criteria[2]				NE	160,000[4]	77,000[4]	NE	NE	710[4]	5.0	NE	7,200,000[3]	NE	42,000[4]	16,000,000[3]	8,000,000[3]	11,000[4]

TABLE 21
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 5
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)																									
				1,1-Dichloroethene		cis-1,2-Dichloroethene		trans-1,2-Dichloroethene		1,2-Dichloropropane		1,1-Dichloropropene		1,3-Dichloropropane		cis-1,3-Dichloropropene		trans-1,3-Dichloropropene		2,2-Dichloropropane		Di-isopropyl ether		Ethylbenzene		Hexachlorobutadiene		Isopropylbenzene	
Bottomless Septic Tank																													
Septic-2 (7.5)[1]	03/17/08	7.50	0-0.5	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
Dry Well																													
Drywell-1-13-13.5	03/17/08	Beneath Dry Well	13-13.5	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
DrywellSeds-1	03/19/08	Sediment within Dry Well	NA	5.4	U	5.4	U	5.4	U	5.4	U	5.4	U	5.4	U	5.4	U	5.4	U	5.4	U	5.4	U	5.4	U	5.4	U	5.4	U
Spoils Removed During Dry Well Decommissioning																													
Stockpile-1[1]	03/18/08	Stockpile	NA	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Duplicate-1[1]	03/18/08	Stockpile-1 Duplicate	NA	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
Septic System Piping																													
Piping-17 (0.5-1.0)[1]	04/25/08	Beneath Piping	0.5-1.0	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
Piping-17ox(2.0-2.5	05/22/08	Beneath Piping	2.0-2.5	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
MTCA Regulatory Criteria[2]				4,000,000[3]		800,000[3]		NE		15,000[4]		NE		NE		5,600[4]		5,600[4]		NE		NE		6,000		13,000[4]		NE	

TABLE 21
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 5
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)												
				p-Isopropyltoluene	2-Butanone (MEK)	4-Isopropyltoluene	Methylene Chloride	4-Methyl-2-pentanone	Methyl tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoro	Tetrachlorethene (PCE)
Bottomless Septic Tank																
Septic-2 (7.5)[1]	03/17/08	7.50	0-0.5	1.2 U	12 U	NA	5.9 U	12 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Dry Well																
Drywell-1-13-13.5	03/17/08	Beneath Dry Well	13-13.5	1.1 U	11 U	NA	5.7 U	11 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
DrywellSeds-1	03/19/08	Sediment within Dry Well	NA	5.4 U	54 U	NA	27[11] U	54 U	5.4 U	27 U	5.4 U	5.4 U	5.4 U	5.4 U	**22**	5.4 U
Spoils Removed During Dry Well Decommissioning																
Stockpile-1[1]	03/18/08	Stockpile	NA	1.1 U	11 U	NA	5.5 U	11 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Duplicate-1[1]	03/18/08	Stockpile-1 Duplicate	NA	1.2 U	1.2 U	NA	5.8 U	12 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Septic System Piping																
Piping-17 (0.5-1.0)[1]	04/25/08	Beneath Piping	0.5-1.0	1.2 U	**16**	NA	6.1 U	12 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Piping-17ox(2.0-2.5	05/22/08	Beneath Piping	2.0-2.5	1.1 U	11 U	NA	5.7 U	11 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
MTCA Regulatory Criteria[2]				NE	48,000,000[3]	NE	20	NE	100	5,000	NE	33,000[4]	38,000[4]	5,000[4]	2,400,000,000[3]	50.0

TABLE 21
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 5
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene (TCE)	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2,3-Trimethylbenzene	1,3,5-Trimethybenzene	Vinyl chloride	m,p-Xylene	o-Xylene
Bottomless Septic Tank																	
Septic-2 (7.5)[1]	03/17/08	7.50	0-0.5	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
Dry Well																	
Drywell-1-13-13.5	03/17/08	Beneath Dry Well	13-13.5	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.4 U	3.4 U
DrywellSeds-1	03/19/08	Sediment within Dry Well	NA	27 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	27 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	16 U	16 U
Spoils Removed During Dry Well Decommissioning																	
Stockpile-1[1]	03/18/08	Stockpile	NA	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.3 U	3.3 U
Duplicate-1[1]	03/18/08	Stockpile-1 Duplicate	NA	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.5 U	3.5 U
Septic System Piping																	
Piping-17 (0.5-1.0)[1]	04/25/08	Beneath Piping	0.5-1.0	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
Piping-17ox(2.0-2.5	05/22/08	Beneath Piping	2.0-2.5	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.4 U	3.4 U
MTCA Regulatory Criteria[2]				7,000	NE	800,000[3]	2,000	18,000[4]	30.0	24,000,000[3]	140[4]	4,000,000[3]	NE	4,000,000[3]	670[4]	9,000	

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated cadmium and/or PAHs.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
4. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.

U: Not detected above the laboaratory MRLs. Each reporting limit is reported.

TABLE 22
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 5
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																		
			Acenaphthene	Acenaphthylene	Anthracene	Benzidine	Benzo(a)anthracene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(g,h,i)perylene	Benzo (a) pyrene[1]	Bis(2-chlorethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	4-Bromophenyl-phenylether	2-Chloronaphthalene	4-Chlorophenyl-phenylether	Chyrsene[1]	Dibenz(a,h)anthracene[1]	3,3-Dichlorobenzidine	2,4-Dinitrotoulene
Bottomless Septic Tank																					
Septic-2-7.5[2]	03/17/08	7.5	39 U	39 U	39 U	390 U	39 U	39 U	39 U	39 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	39 U	39 U	390 U	390 U
Dry Well																					
Drywell-1-13-13.5	03/17/08	13-13.5	38 U	38 U	38 U	380 U	380 U	38 U	38 U	38 U	38 U	380 U	380 U	380 U	380 U	380 U	380 U	38 U	38 U	380 U	380 U
DrywellSeds-1	03/19/08	NA	36 U	36 U	36 U	36 U	36 U	36 U	36 U	36 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	36 U	36 U	360 U	360 U
Spoils Removed During Dry Well Decommissioning																					
Stockpile-1[2]	03/18/08	NA	36 U	36 U	36 U	36 U	36 U	36 U	36 U	36 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	36 U	36 U	360 U	360 U
Duplicate-1[2]	03/18/08	NA	39 U	39 U	39 U	390 U	39 U	39 U	39 U	39 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	39 U	39 U	390 U	390 U
Septic System Piping																					
Piping-17 (0.5-1.0)[2]	04/25/08	0.5-1.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
MTCA Regulatory Criteria[3]			4,800,000[4]	NE	24,000,000[4]	4.3[5]	100[6]	100[6]	100[6]	NE	100[6]	NE	910[5]	3,200,000[4]	NE	NE	NE	100[6]	100[6]	2,200[5]	160,000[4]

TABLE 22
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 5
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																	
			2,6-Dinitrotoulene	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachloro-1,3-butadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno (1,2,3-cd) pyrene[1]	Isophorone	Naphthalene	Nitrobenzene	n-Nitrosodimethylamine	n-Nitrosodiphenylamine	n-Nitrosodi-n-propylamine	Phenanthrene	Benzylbutyl phathalate	Bis(2-ethylhexyl)phthalate	Di-n-butyl phthalate
Bottomless Septic Tank																				
Septic-2-7.5[2]	03/17/08	7.5	390 U	39 U	39 U	390 U	390 U	390 U	390 U	39 U	390 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Dry Well																				
Drywell-1-13-13.5	03/17/08	13-13.5	380 U	38 U	38 U	380 U	380 U	380 U	380 U	38 U	380 U	38 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
DrywellSeds-1	03/19/08	NA	360 U	36 U	36 U	360 U	360 U	360 U	360 U	36 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Spoils Removed During Dry Well Decommissioning																				
Stockpile-1[2]	03/18/08	NA	360 U	36 U	36 U	360 U	360 U	360 U	360 U	36 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Duplicate-1[2]	03/18/08	NA	390 U	39 U	39 U	390 U	390 U	390 U	390 U	39 U	390 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Septic System Piping																				
Piping-17 (0.5-1.0)[2]	04/25/08	0.5-1.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
MTCA Regulatory Criteria[3]			80,0004	3,200,000[4]	3,200,000[4]	630[5]	13,000[5]	480,000[4]	71,000[5]	100[6]	1,100,000[5]	5,000[4]	40,000[4]	20[5]	200,000[5]	140[5]	NE	16,000,000[4]	71,000[5]	8,000,000[4]

TABLE 22
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 5
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																	
			Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Pyrene	1,2,4-Trichlorobenzene	4-Chloro-3methylphenol	2-Chlorophenol	2-Methylphenol	3&4-methyl phenol	2,4-Dichlorophenol	2,4-Dimehtylphenol	4,6-Dinitro-2-methylphenol	2,4-Dinitrophenol	2-Nitrophenol	4-Nitrophenol	Pentachlorophenol	Phenol	2,4,6-Trichlorophenol
Bottomless Septic Tank																				
Septic-2-7.5[2]	03/17/08	7.5	390 U	390 U	390 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Dry Well																				
Drywell-1-13-13.5	03/17/08	13-13.5	380 U	380 U	380 U	38 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
DrywellSeds-1	03/19/08	NA	360 U	360 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Spoils Removed During Dry Well Decommissioning																				
Stockpile-1[2]	03/18/08	NA	360 U	360 U	360 U	36 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U	360 U
Duplicate-1[2]	03/18/08	NA	390 U	390 U	390 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Septic System Piping																				
Piping-17 (0.5-1.0)[2]	04/25/08	0.5-1.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
MTCA Regulatory Criteria[3]			64,000,000[4]	80,000,000[4]	1,600,000[4]	2,400,000[4]	800,000[4]	NE	400,000[4]	NE	NE	240,000[4]	1,600,000[4]	NE	160,000[4]	NE	NE	8,300[5]	48,000,000[4]	91,000[5]

Notes:
1 PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated cadmium and/or PAHs.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
6. MTCA Method A cleanup level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).
U: Not detected above the laboratory MRL. Each MRL is reported.
Bold: Indicates analyte detection above the laboratory MRL.

TABLE 23
Soil Chemical Analytical Results
PAHs
The Village at Evergreen
Cleanup Action Area 5
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	PAHs by EPA Method 8270C-SIM (µg/Kg)																
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene[1]	Benzo(a)pyrene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(b+k)fluoranthene(s)	Benzo(g,h,i)perylene	Chrysene[1]	Dibenz(a,h)anthracene[1]	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene[1]	Naphthalene	Phenanthrene	Pyrene
Bottomless Septic Tank																			
Septic-2-7.5[2]	03/17/08	7.5	37.3 U	37.3 U	37.3 U	37.3 U	37.3 U	37.3 U	37.3 U	NA	37.3 U	37.3 U	37.3 U	37.3 U	37.3 U	37 U	37.3 U	37.3 U	37.3 U
Dry Well																			
Drywell-1-13-13.5	03/17/08	13-13.5	40.9 U	40.9 U	40.9 U	40.9 U	40.9 U	40.9 U	40.9 U	NA	40.9 U	40.9 U	40.9 U	40.9 U	40.9 U	40.9 U	40.9 U	40.9 U	40.9 U
DrywellSeds-1	03/19/08	NA	35.0 U	35.0 U	35.0 U	35.0 U	35.0 U	35.0 U	35.0 U	NA	35.0 U	35.0 U	35.0 U	35.0 U	35.0 U	35.0 U	35.0 U	35.0 U	35.0 U
Spoils Removed During Dry Well Decommissioning																			
Stockpile-1[2]	03/18/08	NA	32.9 U	32.9 U	32.9 U	32.9 U	32.9 U	32.9 U	32.9 U	NA	32.9 U	32.9 U	32.9 U	**66.6**	32.9 U	32.9 U	32.9 U	**44.6**	**54.7**
Duplicate-1[2]	03/18/08	NA	29.4 U	29.4 U	29.4 U	29.4 U	29.4 U	29.4 U	29.4 U	29.4 U	29.4 U	29.4 U	29.4 U	29.4 U	29.4 U	29.4 U	29.4 U	29.4 U	29.4 U
Septic System Piping																			
Piping-17 (0.5-1.0)[2]	04/25/08	0.5-1.0	41.6 U	41.6 U	41.6 U	**138**	**126**	NA	NA	**251**	**85.0**	**135**	41.6 U	**196**	41.6 U	**115**	41.6 U	**42.5**	**145**
Piping-17ox(2.0-2.5)	05/28/08	2.0-2.5	34.3 U	34.3 U	34.3 U	34.3 U	34.3 U	34.3 U	34.3 U	34.3 U	34.3 U	34.3 U	34.3 U	34.3 U	34.3 U	34.3 U	34.3 U	34.3 U	34.3 U
MTCA Regulatory Criteria[3]			4,800,000[4]	NE	24,000,000[4]	100[5]	100[5]	100[5]	100[5]	NE	NE	100[5]	100[5]	3,200,000[4]	3,200,000[4]	100[5]	5,000	NE	2,400,000[4]

Notes:
1. PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated cadmium and/or PAHs.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method A cleanup level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).

U: Not detected above the laboratory MRL. Each MRL is reported.
Bold: Indicates analyte detection above the laboratory MRL. Each MRL is reported.

TABLE 24
Soil Chemical Analytical Results
Total Metals
The Village at Evergreen
Cleanup Action Area 5
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Total Metals by EPA Method 6020 (ICPMS)/7471/7196A (mg/Kg)								
			Arsenic	Cadmium	Total Chromium	Hexavalent Chromium	Copper	Lead	Tin	Zinc	Mercury
Used Oil Drum Storage											
CAA-5-1(0.5-1.0)	04/09/08	0.5-1.0	NA	1.19 U	**19.7**	0.4 U	NA	**7.02**	NA	NA	NA
Bottomless Spetic Tank											
Septic-2-7.5[1]	03/17/08	7.5	**1.82**	**5.48**	**10.1**	2.4 U	**42.4**	**11.7**	**15.3**	**263**	**1.29**
Septic-2 (9.5-10.0)	03/25/08	9.5-10.0	1.31 U	1.31 U	**5.29**	0.4 U	**27.0**	**3.55**	6.55 U	**61.6**	0.0196 U
Dry Well											
Drywell-1-13-13.5	03/17/08	13-13.5	1.26 U	1.26 U	**3.79**	2.3 U	**15.7**	**3.46**	6.29 U	**30.3**	0.0189 U
DrywellSeds-1	03/19/08	NA	1.29 U	1.29 U	**6.71**	2.2 U	**38.0**	**4.67**	6.46 U	**57.8**	0.0194 U
Spoils Removed During Dry Well Decommissioning											
Stockpile-1[1]	03/18/08	NA	1.29 U	1.29 U	**14.7**	2.2 U	**35.1**	**10.8**	6.45 U	**118**	**0.0297**
Duplicate-1[1]	03/18/08	NA	1.33 U	1.33 U	**9.36**	2.3 U	**29.4**	**16.1**	6.66 U	**75.3**	**0.0213**
Septic System Piping											
Piping-17 (0.5-1.0)[1]	04/25/08	0.5-1.0	**2.44**	1.32 U	**16.9**	NA	**22.5**	**8.86**	6.60 U	**109**	0.106 U
MTCA Regulatory Criteria[2]			20	2	2,000	19	3,000[3]	250	48,000[3]	24,000[3]	2

Notes:
1. Soil represented by this sample was removed and transported off-site for disposal at Hillsboro Landfill due to elevated cadmium and/or PAHs.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.

Bold: indicates analyte detection

Shading indicates detected concentration greater than the MTCA cleanup level.

TABLE 25
Soil Chemical Analytical Results
Petroleum Hydrocarbons
The Village at Evergreen
Cleanup Action Area 6
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Location of Sample	Field Screening Results		Hydrocarbon Indentification by Method NWTPH-HCID (mg/Kg)			Gasoline-Range Hydrocarbons by Method NWTPH-Gx (mg/Kg)	Diesel- and Oil-Range Hydrocarbons by Method NWTPH-Dx (mg/Kg)	
				Headspace Vapor (ppm)	Sheen	Gasoline Range	Diesel Range	Oil Range		Diesel	Oil
French Drain Feature											
French Drain-1 (7-7.5)	03/21/08	7-7.5	Beneath French Drain	NA	NA	17.4 U	43.5 U	87.1 U	NA	NA	NA
Drainline-1[1]	03/21/08	NA	Beneath Drainline	NA	NA	0.237 U	0.593 U	1.19 U	NA	NA	NA
Drainline-1(0.5-1.0)	04/14/08	0.5-1.0	Beneath Drainline	0.7	NS	21.0 U	52.5 U	105 U	NA	NA	NA
Septic Junction Box											
CAA-6-1 (6.0)	03/25/08	6.0	Base	0.0	NS	22.2 U	55.5 U	111 U	NA	NA	NA
CAA-6-2 (5.0-6.0)	03/25/08	5.0-6.0	Sidewall	1.4	NS	20.9 U	52.2 U	104 U	NA	NA	NA
CAA-6-3 (5.0-6.0)	03/25/08	5.0-6.0	Sidewall	0.0	NS	23.2 U	57.9 U	116 U	NA	NA	NA
CAA-6-4 (5.0-6.0)	03/25/08	5.0-6.0	Sidewall	0.0	NS	22.3 U	55.7 U	111 U	NA	NA	NA
CAA-6-5 (5.0-6.0)	03/25/08	5.0-6.0	Sidewall	0.0	NS	22.6 U	56.4 U	113 U	NA	NA	NA
Stockpile-7	03/25/08	NA	Stockpile	0.0	NS	25.1 U	62.9 U	126 U	NA	NA	NA
Septic System Piping											
Piping-7(3.5-4.0)	04/14/08	3.5-4.0	Beneath Piping	0.8	NS	24.1 U	60.3 U	121 U	NA	NA	NA
Piping-8(3.5-4.0)[1]	04/14/08	3.5-4.0	Beneath Piping	0.6	NS	21.4 U	53.4 U	107 U	NA	NA	NA
Piping-9(3.5-4.0)	04/14/08	3.5-4.0	Beneath Piping	0.8	NS	20.1 U	50.2 U	100 U	NA	NA	NA
Piping-10(3.5-4.0)	04/14/08	3.5-4.0	Beneath Piping	1	NS	20.1 U	50.2 U	100 U	NA	NA	NA
Piping-11(4.0-4.5)[1]	04/15/08	4.0-4.5	Beneath Piping	0.3	NS	20.6 U	51.6 U	**Detected**	NA	32.9 U	65.8 U
Piping 11ox(5-5.5)	05/01/08	5.0-5.5	Beneath Piping	0.0	NS	NA	NA	NA	NA	22.1 U	44.2 U
Piping-12(3.5-4.0)[1]	04/15/08	3.5-4.0	Beneath Piping	0.6	NS	20.3 U	50.7 U	101 U	NA	NA	NA
Dup 8[1]	04/15/08	3.5-4.0	Piping-12 Duplicate	0.6	NS	17.9 U	44.8 U	89.5 U	NA	NA	NA
Piping-18 (3-3.5) [1]	05/01/08	3.0-3.5	Beneath Piping	0.0	NS	23.9 U	59.6 U	119 U	NA	NA	NA
Piping-19 (3-3.5) [1]	05/01/08	3.0-3.5	Beneath Piping	0.0	NS	21.5 U	53.8 U	108 U	NA	NA	NA
Piping-20 (3-3.5) [1]	05/01/08	3.0-3.5	Beneath Piping	0.0	NS	21.7 U	54.3 U	109 U	NA	NA	NA
Piping-21(2-2.5)	05/01/08	2.0-2.5	Beneath Piping	0.0	NS	19.9 U	49.9 U	99.7 U	NA	NA	NA
MTCA Regulatory Criteria[2]				NA	NA	NA	NE	NE	NE	2,000	2,000

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated VOCs and/or PAHs.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 26
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 6
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)																
				Acetone	Acrylonitrile	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane
French Drain Feature																				
French Drain-1 (7-7.5)	03/21/08	7-7.5	NA	53 U	10 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	5.3 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U
Drainline-1[1]	03/21/08	NA	0-0.5	60 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.0 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U
Drainline-1(0.5-1.0)	04/14/08	0.5-1.0	0.5-1.0	61 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.1 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U
Septic Junction Box																				
CAA-6-1 (6.0)	03/25/08	6.0	NA	56 U	11 U	1.1 U	1.1 U	NA	1.1 U	1.1 U	5.6 U	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U
CAA-6-2 (5.0-6.0)	03/25/08	5.0-6.0	NA	62 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.2 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U
CAA-6-3 (5.0-6.0)	03/25/08	5.0-6.0	NA	63 U	13 U	1.3 U	1.3 U	NA	1.3 U	1.3 U	6.3 U	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.3 U
CAA-6-4 (5.0-6.0)	03/25/08	5.0-6.0	NA	59 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	5.9 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U
CAA-6-5 (5.0-6.0)	03/25/08	5.0-6.0	NA	60 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.0 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U
Stockpile-7	03/25/08	NA	NA	66 U	13 U	1.3 U	1.3 U	NA	1.3 U	1.3 U	6.6 U	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.6 U
Septic System Piping																				
Piping-7(3.5-4.0)	04/14/08	3.5-4.0	0.0-0.5	65 U	13 U	1.3 U	1.3 U	NA	1.3 U	1.3 U	6.5 U	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.5 U
Piping-8(3.5-4.0)[1]	04/14/08	3.5-4.0	0.0-0.5	60 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.0 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U
Piping-9(3.5-4.0)	04/14/08	3.5-4.0	0.0-0.5	62 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.2 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U
Piping-10(3.5-4.0)	04/14/08	3.5-4.0	0.0-0.5	62 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.2 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U
Piping-11(4.0-4.5)[1]	04/15/08	4.0-4.5	0.0-0.5	59 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	5.9 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U
Piping-12(3.5-4.0)[1]	04/15/08	3.5-4.0	0.0-0.5	58 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	5.8 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U
Dup 8[1]	04/15/08	3.5-4.0	0.0-0.5	62 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.2 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U
Piping-18 (3-3.5) [1]	05/01/08	3.0-3.5	0.0-0.5	**130**	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	5.8 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U
Piping-18ox(4.0-4.5	05/22/08	4.0-4.5	1.0-1.5	55 U	11 U	1.1 U	1.1 U	NA	1.1 U	1.1 U	5.5 U	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U
Piping-19 (3-3.5) [1]	05/01/08	3.0-3.5	0.0-0.5	59 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	5.9 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U
Piping-20 (3-3.5) [1]	05/01/08	3.0-3.5	0.0-0.5	56 U	11 U	1.1 U	1.1 U	NA	1.1 U	1.1 U	5.6 U	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U
Piping-21(2-2.5)	05/01/08	2.0-2.5	0.0-0.5	53 U	10 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	5.3 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U
MTCA Regulatory Criteria[2]				8,000,000[3]	1,900[4]	30	NE	NE	16,000[4]	130,000[4]	110,000[3]	NE	NE	NE	NE	7,700[4]	1,600,000[3]	NE	NE

TABLE 26
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 6
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)															
				2-Chloroethyl vinyl ether	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	1,2-Dibromo-3-chloropropane	Dibromochloromethane	1,2-Dibromoethane (EDB)	Dibromomethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane (EDC)	1,1-Dichloroethene
French Drain Feature																			
French Drain-1 (7-7.5)	03/21/08	7-7.5	NA	53 U	5.3 U	1.0 U	1.0 U	1.0 U	5.3 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U	1.0 U	1.0 U	1.0 U
Drainline-1[1]	03/21/08	NA	0-0.5	60 U	6.0 U	1.2 U	1.2 U	1.2 U	6.0 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U
Drainline-1(0.5-1.0)	04/14/08	0.5-1.0	0.5-1.0	61 U	6.1 U	1.2 U	1.2 U	1.2 U	6.1 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U
Septic Junction Box																			
CAA-6-1 (6.0)	03/25/08	6.0	NA	56 U	5.6 U	1.1 U	1.1 U	1.1 U	5.6 U	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U
CAA-6-2 (5.0-6.0)	03/25/08	5.0-6.0	NA	62 U	6.2 U	1.2 U	1.2 U	1.2 U	6.2 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U
CAA-6-3 (5.0-6.0)	03/25/08	5.0-6.0	NA	63 U	6.3 U	1.3 U	1.3 U	1.3 U	6.3 U	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.3 U	1.3 U	1.3 U	1.3 U
CAA-6-4 (5.0-6.0)	03/25/08	5.0-6.0	NA	59 U	5.9 U	1.2 U	1.2 U	1.2 U	5.9 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U
CAA-6-5 (5.0-6.0)	03/25/08	5.0-6.0	NA	60 U	6.0 U	1.2 U	1.2 U	1.2 U	6.0 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U
Stockpile-7	03/25/08	NA	NA	66 U	6.6 U	1.3 U	1.3 U	1.3 U	6.6 U	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.6 U	1.3 U	1.3 U	1.3 U
Septic System Piping																			
Piping-7(3.5-4.0)	04/14/08	3.5-4.0	0.0-0.5	65 U	6.5 U	1.3 U	1.3 U	1.3 U	6.5 U	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.5 U	1.3 U	1.3 U	1.3 U
Piping-8(3.5-4.0)[1]	04/14/08	3.5-4.0	0.0-0.5	60 U	6.0 U	1.2 U	1.2 U	1.2 U	6.0 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U
Piping-9(3.5-4.0)	04/14/08	3.5-4.0	0.0-0.5	62 U	6.2 U	1.2 U	1.2 U	1.2 U	6.2 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U
Piping-10(3.5-4.0)	04/14/08	3.5-4.0	0.0-0.5	62 U	6.2 U	1.2 U	1.2 U	1.2 U	6.2 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U
Piping-11(4.0-4.5)[1]	04/15/08	4.0-4.5	0.0-0.5	59 U	5.9 U	1.2 U	1.2 U	1.2 U	5.9 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U
Piping-12(3.5-4.0)[1]	04/15/08	3.5-4.0	0.0-0.5	58 U	5.8 U	1.2 U	1.2 U	1.2 U	5.8 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U
Dup 8[1]	04/15/08	3.5-4.0	0.0-0.5	62 U	6.2 U	1.2 U	1.2 U	1.2 U	6.2 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.2 U	1.2 U	1.2 U	1.2 U
Piping-18 (3-3.5) [1]	05/01/08	3.0-3.5	0.0-0.5	58 U	5.8 U	1.2 U	1.2 U	1.2 U	5.8 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U
Piping-18ox(4.0-4.5	05/22/08	4.0-4.5	1.0-1.5	55 U	5.5 U	1.1 U	1.1 U	1.1 U	5.5 U	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U
Piping-19 (3-3.5) [1]	05/01/08	3.0-3.5	0.0-0.5	59 U	5.9 U	1.2 U	1.2 U	1.2 U	5.9 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U
Piping-20 (3-3.5) [1]	05/01/08	3.0-3.5	0.0-0.5	56 U	5.6 U	1.1 U	1.1 U	1.1 U	5.6 U	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.6 U	1.1 U	1.1 U	1.1 U
Piping-21(2-2.5)	05/01/08	2.0-2.5	0.0-0.5	53 U	5.3 U	1.0 U	1.0 U	1.0 U	5.3 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U	1.0 U	1.0 U	1.0 U
MTCA Regulatory Criteria[2]				NE	160,000[4]	77,000[4]	NE	NE	710[4]	12,000[4]	5.0	NE	7,200,000[3]	NE	42,000[4]	16,000,000[3]	8,000,000[3]	11,000[4]	4,000,000[3]

TABLE 26
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 6
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)														
				cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,1-Dichloropropene	1,3-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	2,2-Dichloropropane	Di-isopropyl ether	Ethanol	Ethylbenzene	Ethyl Tert-Butyl Ether	Hexachlorobutadiene	2-Hexanone	Isopropylbenzene
French Drain Feature																		
French Drain-1 (7-7.5)	03/21/08	7-7.5	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	NA	1.0 U
Drainline-1[1]	03/21/08	NA	0-0.5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
Drainline-1(0.5-1.0)	04/14/08	0.5-1.0	0.5-1.0	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
Septic Junction Box																		
CAA-6-1 (6.0)	03/25/08	6.0	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	NA	1.1 U	NA	1.1 U	NA	1.1 U
CAA-6-2 (5.0-6.0)	03/25/08	5.0-6.0	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
CAA-6-3 (5.0-6.0)	03/25/08	5.0-6.0	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	NA	1.3 U	NA	1.3 U	NA	1.3 U
CAA-6-4 (5.0-6.0)	03/25/08	5.0-6.0	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
CAA-6-5 (5.0-6.0)	03/25/08	5.0-6.0	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
Stockpile-7	03/25/08	NA	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	NA	1.3 U	NA	1.3 U	NA	1.3 U
Septic System Piping																		
Piping-7(3.5-4.0)	04/14/08	3.5-4.0	0.0-0.5	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	NA	1.3 U	NA	1.3 U	NA	1.3 U
Piping-8(3.5-4.0)[1]	04/14/08	3.5-4.0	0.0-0.5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
Piping-9(3.5-4.0)	04/14/08	3.5-4.0	0.0-0.5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
Piping-10(3.5-4.0)	04/14/08	3.5-4.0	0.0-0.5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
Piping-11(4.0-4.5)[1]	04/15/08	4.0-4.5	0.0-0.5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
Piping-12(3.5-4.0)[1]	04/15/08	3.5-4.0	0.0-0.5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
Dup 8[1]	04/15/08	3.5-4.0	0.0-0.5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
Piping-18 (3-3.5) [1]	05/01/08	3.0-3.5	0.0-0.5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
Piping-18ox(4.0-4.5	05/22/08	4.0-4.5	1.0-1.5	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	NA	1.1 U	NA	1.1 U	NA	1.1 U
Piping-19 (3-3.5) [1]	05/01/08	3.0-3.5	0.0-0.5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
Piping-20 (3-3.5) [1]	05/01/08	3.0-3.5	0.0-0.5	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	NA	1.1 U	NA	1.1 U	NA	1.1 U
Piping-21(2-2.5)	05/01/08	2.0-2.5	0.0-0.5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	NA	1.0 U
MTCA Regulatory Criteria[2]				800,000[3]	NE	15,000[4]	NE	NE	5,600[4]	5,600[4]	NE	NE	NE	6,000	NE	13,000[4]	NE	NE

TABLE 26
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 6
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)														
				p-Isopropyltoluene	2-Butanone (MEK)	4-Isopropyltoluene	Methanol	Methylene Chloride	4-Methyl-2-pentanone	Methyl tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tert-Butyl Alcohol	Tert-Amyl Methyl Ether	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoro
French Drain Feature																		
French Drain-1 (7-7.5)	03/21/08	7-7.5	NA	1.0 U	10 U	NA	NA	5.3 U	10 U	1.0 U	5.3 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U	1.0 U
Drainline-1[1]	03/21/08	NA	0-0.5	1.2 U	12 U	NA	NA	6.0 U	12 U	1.2 U	6.0 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Drainline-1(0.5-1.0)	04/14/08	0.5-1.0	0.5-1.0	1.2 U	12 U	NA	NA	6.1 U	12 U	1.2 U	6.1 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Septic Junction Box																		
CAA-6-1 (6.0)	03/25/08	6.0	NA	1.1 U	11 U	NA	NA	5.6 U	11 U	1.1 U	5.6 U	1.1 U	1.1 U	NA	NA	1.1 U	1.1 U	1.1 U
CAA-6-2 (5.0-6.0)	03/25/08	5.0-6.0	NA	1.2 U	12 U	NA	NA	6.2 U	12 U	1.2 U	6.2 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
CAA-6-3 (5.0-6.0)	03/25/08	5.0-6.0	NA	1.3 U	13 U	NA	NA	6.3 U	13 U	1.3 U	6.3 U	1.3 U	1.3 U	NA	NA	1.3 U	1.3 U	1.3 U
CAA-6-4 (5.0-6.0)	03/25/08	5.0-6.0	NA	1.2 U	12 U	NA	NA	5.9 U	12 U	1.2 U	5.9 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
CAA-6-5 (5.0-6.0)	03/25/08	5.0-6.0	NA	1.2 U	12 U	NA	NA	6.0 U	12 U	1.2 U	6.0 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Stockpile-7	03/25/08	NA	NA	1.3 U	13 U	NA	NA	6.6 U	13 U	1.3 U	6.6 U	1.3 U	1.3 U	NA	NA	1.3 U	1.3 U	1.3 U
Septic System Piping																		
Piping-7(3.5-4.0)	04/14/08	3.5-4.0	0.0-0.5	1.3 U	13 U	NA	NA	6.5 U	13 U	1.3 U	6.5 U	1.3 U	1.3 U	NA	NA	1.3 U	1.3 U	1.3 U
Piping-8(3.5-4.0)[1]	04/14/08	3.5-4.0	0.0-0.5	1.2 U	12 U	NA	NA	6.0 U	12 U	1.2 U	6.0 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Piping-9(3.5-4.0)	04/14/08	3.5-4.0	0.0-0.5	1.2 U	12 U	NA	NA	6.2 U	12 U	1.2 U	6.2 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Piping-10(3.5-4.0)	04/14/08	3.5-4.0	0.0-0.5	1.2 U	12 U	NA	NA	6.2 U	12 U	1.2 U	6.2 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Piping-11(4.0-4.5)[1]	04/15/08	4.0-4.5	0.0-0.5	1.2 U	12 U	NA	NA	5.9 U	12 U	1.2 U	5.9 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Piping-12(3.5-4.0)[1]	04/15/08	3.5-4.0	0.0-0.5	1.2 U	12 U	NA	NA	5.8 U	12 U	1.2 U	5.8 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Dup 8[1]	04/15/08	3.5-4.0	0.0-0.5	1.2 U	12 U	NA	NA	6.2 U	12 U	1.2 U	6.2 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Piping-18 (3-3.5) [1]	05/01/08	3.0-3.5	0.0-0.5	1.2 U	12 U	NA	NA	5.8 U	12 U	1.2 U	5.8 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Piping-18ox(4.0-4.5	05/22/08	4.0-4.5	1.0-1.5	1.1 U	11 U	NA	NA	5.5 U	11 U	1.1 U	5.5 U	1.1 U	1.1 U	NA	NA	1.1 U	1.1 U	1.1 U
Piping-19 (3-3.5) [1]	05/01/08	3.0-3.5	0.0-0.5	1.2 U	12 U	NA	NA	5.9 U	12 U	1.2 U	5.9 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Piping-20 (3-3.5) [1]	05/01/08	3.0-3.5	0.0-0.5	1.1 U	11 U	NA	NA	5.6 U	11 U	1.1 U	5.6 U	1.1 U	1.1 U	NA	NA	1.1 U	1.1 U	1.1 U
Piping-21(2-2.5)	05/01/08	2.0-2.5	0.0-0.5	1.0 U	10 U	NA	NA	5.3 U	10 U	1.0 U	5.3 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U	1.0 U
MTCA Regulatory Criteria[2]				NE	48,000,000[3]	NE	40,000,000[3]	20	NE	100	5,000	NE	33,000[4]	NE	NE	38,000[4]	5,000[4]	2,400,000,000[3]

TABLE 26
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 6
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)																											
				Tetrachlorethene (PCE)		Toluene		1,2,3-Trichlorobenzene		1,2,4-Trichlorobenzene		1,1,1-Trichloroethane		1,1,2-Trichloroethane		Trichloroethene (TCE)		Trichlorofluoromethane		1,2,3-Trichloropropane		1,2,4-Trimethylbenzene		1,2,3-Trimethylbenzene		1,3,5-Trimethybenzene		Vinyl chloride		m,p-Xylene		o-Xylene	
French Drain Feature																															
French Drain-1 (7-7.5)	03/21/08	7-7.5	NA	1.0	U	5.3	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	5.3	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	3.2	U	3.2	U
Drainline-1[1]	03/21/08	NA	0-0.5	1.2	U	6.0	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	6.0	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	3.6	U	3.6	U
Drainline-1(0.5-1.0)	04/14/08	0.5-1.0	0.5-1.0	1.2	U	6.1	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	6.1	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	3.6	U	3.6	U
Septic Junction Box																															
CAA-6-1 (6.0)	03/25/08	6.0	NA	1.1	U	5.6	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	5.6	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	3.4	U	3.4	U
CAA-6-2 (5.0-6.0)	03/25/08	5.0-6.0	NA	1.2	U	6.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	6.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	3.7	U	3.7	U
CAA-6-3 (5.0-6.0)	03/25/08	5.0-6.0	NA	1.3	U	6.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	6.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	3.8	U	3.8	U
CAA-6-4 (5.0-6.0)	03/25/08	5.0-6.0	NA	1.2	U	5.9	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	5.9	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	3.5	U	3.5	U
CAA-6-5 (5.0-6.0)	03/25/08	5.0-6.0	NA	1.2	U	6.0	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	6.0	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	3.6	U	3.6	U
Stockpile-7	03/25/08	NA	NA	1.3	U	6.6	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	6.6	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	4.0	U	4.0	U
Septic System Piping																															
Piping-7(3.5-4.0)	04/14/08	3.5-4.0	0.0-0.5	1.3	U	6.5	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	6.5	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	3.9	U	3.9	U
Piping-8(3.5-4.0)[1]	04/14/08	3.5-4.0	0.0-0.5	1.2	U	6.0	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	6.0	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	3.6	U	3.6	U
Piping-9(3.5-4.0)	04/14/08	3.5-4.0	0.0-0.5	1.2	U	6.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	6.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	3.7	U	3.7	U
Piping-10(3.5-4.0)	04/14/08	3.5-4.0	0.0-0.5	1.2	U	6.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	6.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	3.7	U	3.7	U
Piping-11(4.0-4.5)[1]	04/15/08	4.0-4.5	0.0-0.5	1.2	U	5.9	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	5.9	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	3.5	U	3.5	U
Piping-12(3.5-4.0)[1]	04/15/08	3.5-4.0	0.0-0.5	1.2	U	5.8	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	5.8	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	3.5	U	3.5	U
Dup 8[1]	04/15/08	3.5-4.0	0.0-0.5	1.2	U	6.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	6.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	3.7	U	3.7	U
Piping-18 (3-3.5) [1]	05/01/08	3.0-3.5	0.0-0.5	1.2	U	5.8	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	5.8	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	3.5	U	3.5	U
Piping-18ox(4.0-4.5	05/22/08	4.0-4.5	1.0-1.5	1.1	U	5.5	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	5.5	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	3.3	U	3.3	U
Piping-19 (3-3.5) [1]	05/01/08	3.0-3.5	0.0-0.5	1.2	U	5.9	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	5.9	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	3.6	U	3.6	U
Piping-20 (3-3.5) [1]	05/01/08	3.0-3.5	0.0-0.5	1.1	U	5.6	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	5.6	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	3.4	U	3.4	U
Piping-21(2-2.5)	05/01/08	2.0-2.5	0.0-0.5	1.0	U	5.3	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	5.3	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	3.2	U	3.2	U
MTCA Regulatory Criteria[2]				50.0		7,000		NE		800,000[3]		2,000		18,000[4]		30.0		24,000,000[3]		140[4]		4,000,000[3]		NE		4,000,000[3]		670[4]		9,000			

Notes:

1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated VOCs and/or PAHs.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
4. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.

U: Not detected above the laboratory MRLs. Each MRL is reported.

TABLE 27
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 6
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																		
			Acenaphthene	Acenaphthylene	Anthracene	Benzidine	Benzo(a)anthracene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(g,h,I)perylene	Benzo (a) pyrene[1]	Bis(2-chlorethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	4-Bromophenyl-phenylether	2-Chloronaphthalene	4-Chlorophenyl-phenylether	Chyrsene[1]	Dibenz(a,h)anthracene[1]	3,3-Dichlorobenzidine	2,4-Dinitrotoulene
French Drain Feature																					
French Drain-1 (7-7.5)	03/21/08	7-7.5	35 U	35 U	35 U	350 U	35 U	35 U	35 U	35 U	35 U	350 U	350 U	350 U	350 U	350 U	350 U	35 U	35 U	350 U	350 U
Drainline-1[2]	03/21/08	NA	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Drainline-1(0.5-1.0)	04/14/08	0.5-1.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Septic Junction Box																					
CAA-6-1 (6.0)	03/25/08	6.0	37 U	37 U	37 U	370 U	37 U	37 U	37 U	37 U	37 U	370 U	370 U	370 U	370 U	370 U	370 U	37 U	37 U	37 U	370 U
CAA-6-2 (5.0-6.0)	03/25/08	5.0-6.0	41 U	41 U	41 U	0.41 U	41 U	41 U	41 U	41 U	41 U	410 U	410 U	410 U	410 U	410 U	0.41 U	41 U	41 U	410 U	410 U
CAA-6-3 (5.0-6.0)	03/25/08	5.0-6.0	42 U	42 U	42 U	420 U	42 U	42 U	42 U	42 U	42 U	420 U	420 U	420 U	420 U	420 U	420 U	42 U	42 U	420 U	420 U
CAA-6-4 (5.0-6.0)	03/25/08	5.0-6.0	39 U	39 U	39 U	390 U	39 U	39 U	39 U	39 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	39 U	39 U	390 U	390 U
CAA-6-5 (5.0-6.0)	03/25/08	5.0-6.0	39 U	39 U	39 U	390 U	39 U	39 U	39 U	39 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	39 U	39 U	390 U	390 U
Stockpile-7	03/25/08	NA	870 U	870 U	870 U	8,700 U	870 U	870 U	870 U	870 U	870 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U	870 U	870 U	8,700 U	8,700 U
Septic System Piping																					
Piping-7(3.5-4.0)	04/14/08	3.5-4.0	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U
Piping-8(3.5-4.0)[2]	04/14/08	3.5-4.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Piping-9(3.5-4.0)	04/14/08	3.5-4.0	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U
Piping-10(3.5-4.0)	04/14/08	3.5-4.0	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U
Piping-11(4.0-4.5)[2]	04/15/08	4.0-4.5	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Piping-12(3.5-4.0)[2]	04/15/08	3.5-4.0	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
Dup-8[2]	04/15/08	3.5-4.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Piping-18 (3-3.5)[2]	05/01/08	3.0-3.5	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
Piping-19 (3-3.5)[2]	05/01/08	3.0-3.5	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Piping-20 (3-3.5)[2]	05/01/08	3.0-3.5	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
Piping-21(2-2.5)	05/01/08	2.0-2.5	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
MTCA Regulatory Criteria[3]			4,800,000[4]	NE	24,000,000[4]	4.3[5]	100[6]	100[6]	100[6]	NE	100[6]	NE	910[5]	3,200,000[4]	NE	NE	NE	100[6]	100[6]	2,200[5]	160,000[4]

TABLE 27
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 6
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																	
			2,6-Dinitrotoulene	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachloro-1,3-butadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno (1,2,3-cd) pyrene[1]	Isophorone	Naphthalene	Nitrobenzene	n-Nitrosodimethylamine	n-Nitrosodiphenylamine	n-Nitrosodi-n-propylamine	Phenanthrene	Benzylbutyl phathalate	Bis(2-ethylhexyl)phthalate	Di-n-butyl phthalate
French Drain Feature																				
French Drain-1 (7-7.5)	03/21/08	7-7.5	350 U	35 U	35 U	350 U	350 U	350 U	350 U	35 U	350 U	35 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
Drainline-1[2]	03/21/08	NA	400 U	40 U	40 U	400 U	400 U	400 U	400 U	40 U	400 U	40 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Drainline-1(0.5-1.0)	04/14/08	0.5-1.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Septic Junction Box																				
CAA-6-1 (6.0)	03/25/08	6.0	370 U	37 U	37 U	370 U	370 U	370 U	370 U	37 U	370 U	37 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
CAA-6-2 (5.0-6.0)	03/25/08	5.0-6.0	410 U	41 U	41 U	410 U	410 U	410 U	410 U	41 U	410 U	41 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U
CAA-6-3 (5.0-6.0)	03/25/08	5.0-6.0	420 U	42 U	42 U	420 U	420 U	420 U	420 U	42 U	420 U	42 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U
CAA-6-4 (5.0-6.0)	03/25/08	5.0-6.0	390 U	39 U	39 U	390 U	390 U	390 U	390 U	39 U	390 U	39 U	390 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
CAA-6-5 (5.0-6.0)	03/25/08	5.0-6.0	390 U	39 U	39 U	390 U	390 U	390 U	390 U	39 U	390 U	39 U	390 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
Stockpile-7	03/25/08	NA	8,700 U	870 U	870 U	870 U	8,700 U	8,700 U	8,700 U	870 U	8,700 U	870 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U
Septic System Piping																				
Piping-7(3.5-4.0)	04/14/08	3.5-4.0	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U
Piping-8(3.5-4.0)[2]	04/14/08	3.5-4.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Piping-9(3.5-4.0)	04/14/08	3.5-4.0	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U
Piping-10(3.5-4.0)	04/14/08	3.5-4.0	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U
Piping-11(4.0-4.5)[2]	04/15/08	4.0-4.5	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Piping-12(3.5-4.0)[2]	04/15/08	3.5-4.0	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
Dup-8[2]	04/15/08	3.5-4.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Piping-18 (3-3.5)[2]	05/01/08	3.0-3.5	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
Piping-19 (3-3.5)[2]	05/01/08	3.0-3.5	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Piping-20 (3-3.5)[2]	05/01/08	3.0-3.5	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
Piping-21(2-2.5)	05/01/08	2.0-2.5	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
MTCA Regulatory Criteria[3]			80,0004	3,200,000[4]	3,200,000[4]	630[5]	13,000[5]	480,000[4]	71,000[5]	100[6]	1,100,000[5]	5,000[4]	40,000[4]	20[5]	200,000[5]	140[5]	NE	16,000,000[4]	71,000[5]	8,000,000[4]

TABLE 27
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 6
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																	
			Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Pyrene	1,2,4-Trichlorobenzene	4-Chloro-3methylphenol	2-Chlorophenol	2-Methylphenol	3&4-methyl phenol	2,4-Dichlorophenol	2,4-Dimehtylphenol	4,6-Dinitro-2-methylphenol	2,4-Dinitrophenol	2-Nitrophenol	4-Nitrophenol	Pentachlorophenol	Phenol	2,4,6-Trichlorophenol
French Drain Feature																				
French Drain-1 (7-7.5)	03/21/08	7-7.5	350 U	350 U	350 U	35 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
Drainline-1[2]	03/21/08	NA	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Drainline-1(0.5-1.0)	04/14/08	0.5-1.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	NA	NA	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Septic Junction Box																				
CAA-6-1 (6.0)	03/25/08	6.0	370 U	370 U	370 U	37 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
CAA-6-2 (5.0-6.0)	03/25/08	5.0-6.0	410 U	410 U	410 U	41 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U
CAA-6-3 (5.0-6.0)	03/25/08	5.0-6.0	420 U	420 U	420 U	42 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U
CAA-6-4 (5.0-6.0)	03/25/08	5.0-6.0	390 U	390 U	390 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-6-5 (5.0-6.0)	03/25/08	5.0-6.0	390 U	390 U	390 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Stockpile-7	03/25/08	NA	8,700 U	8,700 U	8,700 U	870 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U	8,700 U
Septic System Piping																				
Piping-7(3.5-4.0)	04/14/08	3.5-4.0	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U	430 U
Piping-8(3.5-4.0)[2]	04/14/08	3.5-4.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Piping-9(3.5-4.0)	04/14/08	3.5-4.0	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U
Piping-10(3.5-4.0)	04/14/08	3.5-4.0	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U
Piping-11(4.0-4.5)[2]	04/15/08	4.0-4.5	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Piping-12(3.5-4.0)[2]	04/15/08	3.5-4.0	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
Dup-8[2]	04/15/08	3.5-4.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Piping-18 (3-3.5) [2]	05/01/08	3.0-3.5	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
Piping-19 (3-3.5) [2]	05/01/08	3.0-3.5	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Piping-20 (3-3.5) [2]	05/01/08	3.0-3.5	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
Piping-21(2-2.5)	05/01/08	2.0-2.5	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
MTCA Regulatory Criteria[3]			64,000,000[4]	80,000,000[4]	1,600,000[4]	2,400,000[4]	800,000[4]	NE	400,000[4]	NE	NE	240,000[4]	1,600,000[4]	NE	160,000[4]	NE	NE	8,300[5]	48,000,000[4]	91,000[5]

Notes:
1 PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated VOCs and/or PAHs.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
6. MTCA Method A cleanup level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).
U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 28
Soil Chemical Analytical Results
PAHs
The Village at Evergreen
Cleanup Action Area 6
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	EPA Method 8270C-SIM (µg/Kg)																
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene[1]	Benzo(a)pyrene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(b+k)fluoranthene(s)	Benzo(g,h,i)perylene	Chrysene[1]	Dibenz(a,h)anthracene[1]	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene[1]	Naphthalene	Phenanthrene	Pyrene
French Drain Feature																			
French Drain-1 (7-7.5)	03/21/08	7-7.5	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	NA	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U	32.5 U
Drainline-1[2]	03/21/08	NA	211 U	211 U	211 U	211 U	211 U	211 U	211 U	NA	211 U	**232**	211 U	211 U	211 U	211 U	211 U	211 U	211 U
Drainline-1(0.5-1.0)	04/14/08	0.5-1.0	44.2 U	44.2 U	44.2 U	44.2 U	44.2 U	44.2 U	44.2 U	NA	44.2 U	44.2 U	44.2 U	44.2 U	44.2 U	44.2 U	44.2 U	44.2 U	44.2 U
Septic Junction Box																			
CAA-6-1 (6.0)	03/25/08	6.0	27.5 U	27.5 U	27.5 U	27.5 U	27.5 U	27.5 U	27.5 U	NA	27.5 U	27.5 U	27.5 U	27.5 U	27.5 U	27.5 U	27.5 U	27.5 U	27.5 U
CAA-6-2 (5.0-6.0)	03/25/08	5.0-6.0	46.1 U	46.1 U	46.1 U	46.1 U	46.1 U	46.1 U	46.1 U	NA	46.1 U	46.1 U	46.1 U	46.1 U	46.1 U	46.1 U	46.1 U	46.1 U	46.1 U
CAA-6-3 (5.0-6.0)	03/25/08	5.0-6.0	42.2 U	42.2 U	42.2 U	42.2 U	42.2 U	42.2 U	42.2 U	NA	42.2 U	42.2 U	42.2 U	42.2 U	42.2 U	42.2 U	42.2 U	42.2 U	42.2 U
CAA-6-4 (5.0-6.0)	03/25/08	5.0-6.0	45.0 U	45.0 U	45.0 U	45.0 U	45.0 U	45.0 U	45.0 U	NA	45.0 U	45.0 U	45.0 U	45.0 U	45.0 U	45.0 U	45.0 U	45.0 U	45.0 U
CAA-6-5 (5.0-6.0)	03/25/08	5.0-6.0	91.7 U	91.7 U	91.7 U	91.7 U	91.7 U	91.7 U	91.7 U	NA	91.7 U	91.7 U	91.7 U	91.7 U	91.7 U	91.7 U	91.7 U	91.7 U	91.7 U
Stockpile-7	03/25/08	NA	395 U	395 U	395 U	395 U	395 U	395 U	395 U	NA	395 U	395 U	395 U	395 U	395 U	395 U	395 U	395 U	395 U
Septic System Piping																			
Piping-7(3.5-4.0)	04/14/08	3.5-4.0	42.6 U	42.6 U	42.6 U	42.6 U	42.6 U	42.6 U	42.6 U	NA	42.6 U	42.6 U	42.6 U	42.6 U	42.6 U	42.6 U	42.6 U	42.6 U	42.6 U
Piping-8(3.5-4.0)[2]	04/14/08	3.5-4.0	34.1 U	34.1 U	**185**	**393**	**446**	**431**	**401**	NA	**215**	**422**	**262**	**316**	**56.9**	**263**	34.1 U	**204**	**344**
Piping 8ox(4.5-5)	05/01/08	4.5-5.0	37.7 U	37.7 U	37.7 U	37.7 U	37.7 U	37.7 U	37.7 U	NA	37.7 U	37.7 U	37.7 U	37.7 U	37.7 U	37.7 U	37.7 U	37.7 U	37.7 U
Piping-9(3.5-4.0)	04/14/08	3.5-4.0	77.6 U	77.6 U	77.6 U	77.6 U	77.8[6] U	77.6 U	77.6 U	NA	136[6] U	77.6 U	153[6] U	77.6 U	77.6 U	153[6] U	77.6 U	77.6 U	77.6 U
Piping-10(3.5-4.0)	04/14/08	3.5-4.0	35.8 U	35.8 U	35.8 U	35.8 U	35.8 U	35.8 U	35.8 U	NA	35.8 U	35.8 U	35.8 U	35.8 U	35.8 U	35.8 U	35.8 U	35.8 U	35.8 U
Piping-11(4.0-4.5)[2]	04/14/08	4.0-4.5	75.3 U	75.3 U	75.3 U	**102**	376 U	NA	NA	151 U	376 U	**189**	376 U	**199**	75.3 U	376 U	75.3 U	**97.7**	**307**
Piping-11ox(6.0-6.5)	05/22/08	6.0-6.5	39.1 U	39.1 U	39.1 U	39.1 U	39.1 U	39.1 U	39.1 U	39.1 U	39.1 U	39.1 U	39.1 U	39.1 U	39.1 U	39.1 U	39.1 U	39.1 U	39.1 U
Piping-12(3.5-4.0)[2]	04/14/08	3.5-4.0	67.2 U	67.2 U	67.2 U	67.2 U	67.2 U	67.2 U	67.2 U	NA	67.2 U	67.2 U	67.2 U	67.2 U	67.2 U	67.2 U	67.2 U	67.2 U	67.2 U
Piping-12ox(5.0-5.5)	05/22/08	5.0-5.5	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U	35.2 U
Dup-8[2]	04/15/08	3.5-4.0	58.5 U	58.5 U	58.5 U	58.5 U	58.5 U	NA	NA	117 U	58.5 U	58.5 U	58.5 U	58.5 U	58.5 U	58.5 U	58.5 U	58.5 U	**76.4**
Piping-18 (3-3.5) [2]	05/01/08	3.0-3.5	69.3 U	69.3 U	69.3 U	**140**	**84.7**	NA	NA	**143**	69.3 U	**140**	69.3 U	**401**	69.3 U	69.3 U	69.3 U	**170**	**305**
Piping-18 ox(4.0-4.5)	05/22/08	4.0-4.5	37.4 U	37.4 U	37.4 U	37.4 U	37.4 U	37.4 U	37.4 U	NA	37.4 U	37.4 U	37.4 U	37.4 U	37.4 U	37.4 U	37.4 U	37.4 U	37.4 U
Piping-19 (3-3.5) [2]	05/01/08	3.0-3.5	66.1 U	66.1 U	66.1 U	66.1 U	66.1 U	66.1 U	66.1 U	NA	66.1 U	66.1 U	66.1 U	**100**	66.1 U	66.1 U	66.1 U	66.1 U	**75.8**
Piping-19ox(4.0-4.5)	05/22/08	4.0-4.5	27.6 U	27.6 U	27.6 U	27.6 U	27.6 U	27.6 U	27.6 U	NA	27.6 U	27.6 U	27.6 U	27.6 U	27.6 U	27.6 U	27.6 U	27.6 U	27.6 U
Piping-20 (3-3.5) [2]	05/01/08	3.0-3.5	70.1 U	70.1 U	70.1 U	70.1 U	70.1 U	70.1 U	70.1 U	NA	70.1 U	70.1 U	70.1 U	**139**	70.1 U	70.1 U	70.1 U	70.1 U	**111**
Piping-20ox(4.0-4.5)	05/22/08	4.0-4.5	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U	NA	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U	33.0 U
Piping-21(2-2.5)	05/01/08	2.0-2.5	30.5 U	30.5 U	30.5 U	30.5 U	30.5 U	30.5 U	30.5 U	NA	30.5 U	30.5 U	30.5 U	30.5 U	30.5 U	30.5 U	30.5 U	30.5 U	30.5 U
MTCA Regulatory Criteria[3]			4,800,000[4]	NE	24,000,000[4]	100[5]	100[5]	100[5]	100[5]	NE	NE	100[5]	100[5]	3,200,000[4]	3,200,000[4]	100[5]	5,000	NE	2,400,000[4]

Notes:
1. PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated VOCs and/or PAHs.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method A cleanup level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).
6. MDL is reported.

U: Not detected above the laboratory MRL. Each MRL is reported, unless noted.
Bold: Indicates analyte detection above the laboratory MRL. Each MRL is reported.

TABLE 29
Soil Chemical Analytical Results
Total Metals
The Village at Evergreen
Cleanup Action Area 6
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Total Metals by EPA Method 6020 (ICPMS)/7471/7196A (mg/Kg)								
			Arsenic	Cadmium	Total Chromium	Hexavalent Chromium	Copper	Lead	Tin	Zinc	Mercury
French Drain Feature											
French Drain-1 (7-7.5)	03/21/08	7-7.5	1.24 U	1.24 U	**4.74**	2.1 U	**20.8**	**5.25**	6.22 U	**53.5**	0.0187 U
Drainline-1[1]	03/21/08	NA	**2.06**	1.53 U	**21.2**	2.4 U	**38.4**	**39.80**	7.64 U	**131**	**0.0244**
Drainline-1(0.5-1.0)	04/14/08	0.5-1.0	**2.27**	1.39 U	**15.8**	NA	**41.2**	**17.1**	6.95 U	**112**	0.111 U
Septic Junction Box											
CAA-6-1 (6.0)	03/25/08	6.0	1.29 U	1.29 U	**6.85**	0.4 U	**19.5**	**5.22**	6.44 U	**40.8**	0.0193 U
CAA-6-2 (5.0-6.0)	03/25/08	5.0-6.0	1.37 U	1.37 U	**7.28**	0.4 U	**25.3**	**3.67**	6.84 U	**38.3**	**0.0356**
CAA-6-3 (5.0-6.0)	03/25/08	5.0-6.0	**3.61**	1.27 U	**14.1**	0.4 U	**22.9**	**7.85**	6.34 U	**72.5**	0.0190 U
CAA-6-4 (5.0-6.0)	03/25/08	5.0-6.0	**2.99**	1.23 U	**13.6**	0.4 U	**23.7**	**9.20**	6.17 U	**72.7**	0.0185 U
CAA-6-5 (5.0-6.0)	03/25/08	5.0-6.0	**1.51**	1.28 U	**9.72**	0.4 U	**28.3**	**8.33**	6.39 U	**109**	**0.0307**
Stockpile-7	03/25/08	NA	**2.92**	1.48 U	**15.9**	0.4 U	**29.4**	**17.60**	7.42 U	**118**	0.0223 U
Septic System Piping											
Piping-7(3.5-4.0)	04/14/08	3.5-4.0	**2.34**	1.29 U	**20.7**	0.4 U	**35.8**	**13.7**	6.47 U	**132**	**0.116**
Piping-8(3.5-4.0)[1]	04/14/08	3.5-4.0	**2.66**	1.23 U	**15.5**	NA	**29.5**	**10.6**	6.14 U	**103**	0.0982 U
Piping-9(3.5-4.0)	04/14/08	3.5-4.0	**2.40**	1.23 U	**18.0**	NA	**44.5**	**26.2**	6.13 U	**144**	**0.172**
Piping-10(3.5-4.0)	04/14/08	3.5-4.0	**3.80**	1.49 U	**18.3**	NA	**31.8**	**28.7**	7.46 U	**90.4**	0.119 U
Piping-11(4.0-4.5)[1]	04/14/08	4.0-4.5	**2.60**	1.31 U	**13.6**	NA	**27.6**	**16.0**	6.56 U	**67.5**	0.105 U
Piping-12(3.5-4.0)[1]	04/14/08	3.5-4.0	**2.06**	1.20 U	**12.4**	NA	**24.9**	**15.7**	6.00 U	**179**	0.0960 U
Dup-8[1]	04/15/08	3.5-4.0	**1.71**	1.33 U	**11.0**	NA	**23.1**	**20.1**	6.67 U	**300**	0.107 U
Piping-18 (3-3.5) [1]	5/1/2008	3.0-3.5	**2.17**	1.20 U	**15.6**	NA	**30.3**	**10.5**	6.01 U	**109**	0.0961 U
Piping-19 (3-3.5) [1]	5/1/2008	3.0-3.5	**2.13**	1.20 U	**14.3**	NA	**25.2**	**11.8**	6.01 U	**81.4**	0.0961 U
Piping-20 (3-3.5) [1]	5/1/2008	3.0-3.5	**1.81**	1.18 U	**8.9**	NA	**12.6**	**21.0**	5.92 U	**64.3**	0.0946 U
Piping-21(2-2.5)	5/1/2008	2.0-2.5	**2.49**	1.26 U	**9.0**	NA	**30.8**	**10.1**	6.26 U	**55.4**	0.101 U
MTCA Regulatory Criteria[2]			20	2	2,000	19	3,000[3]	250	48,000[3]	24,000[3]	2

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated VOCs and/or PAHs.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.

Bold: indicates analyte detection

TABLE 30
Soil Chemical Analytical Results
Petroleum Hydrocarbons
The Village at Evergreen
Cleanup Action Area 7
Vancouver, Washington

Sample Identification	Sample Date	Location of Sample	Depth of Sample (feet BGS)	Field Screening Results		Hydrocarbon Indentification by Method NWTPH-HCID (mg/Kg)			Gasoline-Range Hydrocarbons by Method NWTPH-Gx (mg/Kg)	Diesel- and Oil-Range Hydrocarbons by Method NWTPH-Dx (mg/Kg)	
				Headspace Vapor (ppm)	Sheen	Gasoline Range	Diesel Range	Oil Range		Diesel	Oil
Drainage Feature Near Hangar Building No. 2											
CAA-7-1(3.5-4.0)	03/26/08	Base	3.5-4.0	3.2	NS	23.6 U	59.0 U	118 U	NA	NA	NA
CAA-7-2(3.5-4.0)	03/26/08	Base	3.5-4.0	6.7	NS	24.6 U	61.6 U	123 U	NA	NA	NA
CAA-7-3(3.0-3.5)[1]	04/14/08	Sidewall	3.0-3.5	0.4	NS	22.4 U	56.0 U	112 U	NA	NA	NA
CAA-7-4(2.0-2.5)	04/14/08	Sidewall	2.0-2.5	0.6	NS	22.4 U	56.0 U	112 U	NA	NA	NA
CAA-7-5(2.5-3.0)	04/14/08	Sidewall	2.5-3.0	0.7	NS	19.2 U	48.0 U	95.9 U	NA	NA	NA
CAA-7-6(1.5-2.0)	04/14/08	Sidewall	1.5-2.0	0.6	NS	20.3 U	50.7 U	101 U	NA	NA	NA
MTCA Regulatory Criteria[2]				NA	NA	NE	NE	NE	100	2,000	2,000

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated SVOCs.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 31
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 7
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	VOCs by EPA Method 8260B/5035A (µg/Kg)															
			Acetone	Acrylonitrile	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane
Drainage Feature Near Hangar Building No. 2																		
CAA-7-1(3.5-4.0)	03/26/08	3.5-4.0	61 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.1 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U
CAA-7-2(3.5-4.0)	03/26/08	3.5-4.0	61 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.1 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U
CAA-7-3(3.0-3.5)[1]	04/14/08	3.0-3.5	59 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	5.9 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U
CAA-7-4(2.0-2.5)	04/14/08	2.0-2.5	64 U	13 U	1.3 U	1.3 U	NA	1.3 U	1.3 U	6.4 U	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.4 U
CAA-7-5(2.5-3.0)	04/14/08	2.5-3.0	60 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.0 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U
CAA-7-6(1.5-2.0)	04/14/08	1.5-2.0	64 U	13 U	1.3 U	1.3 U	NA	1.3 U	1.3 U	6.4 U	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.4 U
MTCA Regulatory Criteria[2]			8,000,000[3]	1,900[4]	30	NE	NE	16,000[4]	130,000[4]	110,000[3]	NE	NE	NE	NE	7,700[4]	1,600,000[3]	NE	NE

TABLE 31
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 7
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	VOCs by EPA Method 8260B/5035A (µg/Kg)															
			2-Chloroethyl vinyl ether	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	1,2-Dibromo-3-chloropropane	Dibromochloromethane	1,2-Dibromoethane (EDB)	Dibromomethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dicloroethane	1,2-Dichloroethane (EDC)	1,1-Dichloroethene
Drainage Feature Near Hangar Building No. 2																		
CAA-7-1(3.5-4.0)	03/26/08	3.5-4.0	61 U	6.1 U	1.2 U	1.2 U	1.2 U	6.1 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U
CAA-7-2(3.5-4.0)	03/26/08	3.5-4.0	61 U	6.1 U	1.2 U	1.2 U	1.2 U	6.1 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U
CAA-7-3(3.0-3.5)[1]	04/14/08	3.0-3.5	59 U	5.9 U	1.2 U	1.2 U	1.2 U	5.9 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U
CAA-7-4(2.0-2.5)	04/14/08	2.0-2.5	64 U	6.4 U	1.3 U	1.3 U	1.3 U	6.4 U	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.4 U	1.3 U	1.3 U	1.3 U
CAA-7-5(2.5-3.0)	04/14/08	2.5-3.0	60 U	6.0 U	1.2 U	1.2 U	1.2 U	6.0 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U
CAA-7-6(1.5-2.0)	04/14/08	1.5-2.0	64 U	6.4 U	1.3 U	1.3 U	1.3 U	6.4 U	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.4 U	1.3 U	1.3 U	1.3 U
MTCA Regulatory Criteria[2]			NE	160,000[4]	77,000[4]	NE	NE	710[4]	12,000[4]	5.0	NE	7,200,000[3]	NE	42,000[4]	16,000,000[3]	8,000,000[3]	11,000[4]	4,000,000[3]

TABLE 31
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 7
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	VOCs by EPA Method 8260B/5035A (µg/Kg)														
			cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,1-Dichloropropene	1,3-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	2,2-Dichloropropane	Di-isopropyl ether	Ethanol	Ethylbenzene	Ethyl Tert-Butyl Ether	Hexachlorobutadiene	2-Hexanone	Isopropylbenzene
Drainage Feature Near Hangar Building No. 2																	
CAA-7-1(3.5-4.0)	03/26/08	3.5-4.0	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
CAA-7-2(3.5-4.0)	03/26/08	3.5-4.0	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
CAA-7-3(3.0-3.5)[1]	04/14/08	3.0-3.5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
CAA-7-4(2.0-2.5)	04/14/08	2.0-2.5	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	NA	1.3 U	NA	1.3 U	NA	1.3 U
CAA-7-5(2.5-3.0)	04/14/08	2.5-3.0	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
CAA-7-6(1.5-2.0)	04/14/08	1.5-2.0	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	NA	1.3 U	NA	1.3 U	NA	1.3 U
MTCA Regulatory Criteria[2]			800,000[3]	NE	15,000[4]	NE	NE	5,600[4]	5,600[4]	NE	NE	NE	6,000	NE	13,000[4]	NE	NE

TABLE 31
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 7
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	VOCs by EPA Method 8260B/5035A (µg/Kg)															
			p-Isopropyltoluene	2-Butanone (MEK)	4-Isopropyltoluene	Methanol	Methylene Chloride	4-Methyl-2-pentanone	Methyl tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tert-Butyl Alcohol	Tert-Amyl Methyl Ether	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoro
Drainage Feature Near Hangar Building No. 2																	
CAA-7-1(3.5-4.0)	03/26/08	3.5-4.0	1.2 U	12 U	NA	NA	6.1 U	12 U	1.2 U	6.1 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	6.1 U
CAA-7-2(3.5-4.0)	03/26/08	3.5-4.0	1.2 U	12 U	NA	NA	6.1 U	12 U	1.2 U	6.1 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	6.1 U
CAA-7-3(3.0-3.5)[1]	04/14/08	3.0-3.5	1.2 U	12 U	NA	NA	5.9 U	12 U	1.2 U	5.9 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	5.9 U
CAA-7-4(2.0-2.5)	04/14/08	2.0-2.5	1.3 U	13 U	NA	NA	6.4 U	13 U	1.3 U	6.4 U	1.3 U	1.3 U	NA	NA	1.3 U	1.3 U	6.4 U
CAA-7-5(2.5-3.0)	04/14/08	2.5-3.0	1.2 U	12 U	NA	NA	6.0 U	12 U	1.2 U	6.0 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	6.0 U
CAA-7-6(1.5-2.0)	04/14/08	1.5-2.0	1.3 U	13 U	NA	NA	6.4 U	13 U	1.3 U	6.4 U	1.3 U	1.3 U	NA	NA	1.3 U	1.3 U	6.4 U
MTCA Regulatory Criteria[2]			NE	48,000,000[3]	NE	40,000,000[3]	20	NE	100	5,000	NE	33,000[4]	NE	NE	38,000[4]	5,000[4]	2,400,000,000[3]

TABLE 31
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 7
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	VOCs by EPA Method 8260B/5035A (µg/Kg)														
			Tetrachlorethene (PCE)	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene (TCE)	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2,3-Trimethylbenzene	1,3,5-Trimethybenzene	Vinyl chloride	m,p-Xylene	o-Xylene
Drainage Feature Near Hangar Building No. 2																	
CAA-7-1(3.5-4.0)	03/26/08	3.5-4.0	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.7 U	3.7 U
CAA-7-2(3.5-4.0)	03/26/08	3.5-4.0	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.7 U	3.7 U
CAA-7-3(3.0-3.5)[1]	04/14/08	3.0-3.5	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.5 U	3.5 U
CAA-7-4(2.0-2.5)	04/14/08	2.0-2.5	1.3 U	6.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	3.8 U	3.8 U
CAA-7-5(2.5-3.0)	04/14/08	2.5-3.0	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
CAA-7-6(1.5-2.0)	04/14/08	1.5-2.0	1.3 U	6.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	3.8 U	3.8 U
MTCA Regulatory Criteria[2]			50.0	7,000	NE	800,000[3]	2,000	18,000[4]	30.0	24,000,000[3]	140[4]	4,000,000[3]	NE	4,000,000[3]	670[4]	9,000	

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated SVOCs.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
4. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.

U: Not detected above the laboratory MRLs. Each MRL is reported.

TABLE 32
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 7
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																		
			Acenaphthene	Acenaphthylene	Anthracene	Benzidine	Benzo(a)anthracene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(g,h,I)perylene	Benzo (a) pyrene[1]	Bis(2-chlorethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	4-Bromophenyl-phenylether	2-Chloronaphthalene	4-Chlorophenyl-phenylether	Chyrsene[1]	Dibenz(a,h)anthracene[1]	3,3-Dichlorobenzidine	2,4-Dinitrotoulene
Drainage Feature Near Hangar Building No. 2																					
CAA-7-1(3.5-4.0)	03/26/08	3.5-4.0	39 U	39 U	39 U	390 U	39 U	39 U	39 U	39 U	39 U	390 U	39 U	390 U	390 U	390 U	390 U	39 U	39 U	390 U	390 U
CAA-7-2(3.5-4.0)	03/26/08	3.5-4.0	40 U	40 U	40 U	400 U	40 U	40 U	40 U	40 U	40 U	400 U	400 U	400 U	400 U	400 U	400 U	40 U	40 U	400 U	400 U
CAA-7-3(3.0-3.5)[2]	04/14/08	3.0-3.5	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-7-3ox(3.0-3.5)	05/22/08	3.0-3.5	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-7-4(2.0-2.5)	04/14/08	2.0-2.5	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U
CAA-7-5(2.5-3.0)	04/14/08	2.5-3.0	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-7-6(1.5-2.0)	04/14/08	1.5-2.0	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U
MTCA Regulatory Criteria[3]			4,800,000[4]	NE	24,000,000[4]	4.3[5]	100[6]	100[6]	100[6]	NE	100[6]	NE	910[5]	3,200,000[4]	NE	NE	NE	100[6]	100[6]	2,200[5]	160,000[4]

TABLE 32
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 7
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																	
			2,6-Dinitrotoulene	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachloro-1,3-butadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno (1,2,3-cd) pyrene[1]	Isophorone	Naphthalene	Nitrobenzene	n-Nitrosodimethylamine	n-Nitrosodiphenylamine	n-Nitrosodi-n-propylamine	Phenanthrene	Benzylbutyl phathalate	Bis(2-ethylhexyl)phthalate	Di-n-butyl phthalate
Drainage Feature Near Hangar Building No. 2																				
CAA-7-1(3.5-4.0)	03/26/08	3.5-4.0	390 U	39 U	39 U	390 U	390 U	390 U	390 U	39 U	390 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-7-2(3.5-4.0)	03/26/08	3.5-4.0	400 U	40 U	40 U	400 U	400 U	400 U	400 U	40 U	400 U	40 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-7-3(3.0-3.5)[2]	04/14/08	3.0-3.5	390 U	390 U	390 U	390 U	390 U	390 U	**920**	390 U	390 U	**630**	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-7-3ox(3.0-3.5)	05/22/08	3.0-3.5	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-7-4(2.0-2.5)	04/14/08	2.0-2.5	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U
CAA-7-5(2.5-3.0)	04/14/08	2.5-3.0	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-7-6(1.5-2.0)	04/14/08	1.5-2.0	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U
MTCA Regulatory Criteria[3]			80,000[4]	3,200,000[4]	3,200,000[4]	630[5]	13,000[5]	480,000[4]	71,000[5]	100[6]	1,100,000[5]	5,000	40,000[4]	20[5]	200,000[5]	140[5]	NE	16,000,000[4]	71,000[5]	8,000,000[4]

TABLE 32
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 7
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																	
			Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Pyrene	1,2,4-Trichlorobenzene	4-Chloro-3methylphenol	2-Chlorophenol	2-Methylphenol	3&4-methyl phenol	2,4-Dichlorophenol	2,4-Dimehtylphenol	4,6-Dinitro-2-methylphenol	2,4-Dinitrophenol	2-Nitrophenol	4-Nitrophenol	Pentachlorophenol	Phenol	2,4,6-Trichlorophenol
Drainage Feature Near Hangar Building No. 2																				
CAA-7-1(3.5-4.0)	03/26/08	3.5-4.0	390 U	390 U	390 U	39 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-7-2(3.5-4.0)	03/26/08	3.5-4.0	400 U	400 U	400 U	40 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-7-3(3.0-3.5)[2]	04/14/08	3.0-3.5	390 U	390 U	390 U	390 U	390 U	390 U	390 U	NA	NA	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-7-3ox(3.0-3.5)	05/22/08	3.0-3.5	390 U	390 U	390 U	390 U	390 U	390 U	390 U	NA	NA	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-7-4(2.0-2.5)	04/14/08	2.0-2.5	420 U	420 U	420 U	420 U	420 U	420 U	420 U	NA	NA	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U
CAA-7-5(2.5-3.0)	04/14/08	2.5-3.0	390 U	390 U	390 U	390 U	390 U	390 U	390 U	NA	NA	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-7-6(1.5-2.0)	04/14/08	1.5-2.0	420 U	420 U	420 U	420 U	420 U	420 U	420 U	NA	NA	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U
MTCA Regulatory Criteria[3]			64,000,000[4]	80,000,000[4]	1,600,000[4]	2,400,000[4]	800,000[4]	NE	400,000[4]	NE	NE	240,000[4]	1,600,000[4]	NE	160,000[4]	NE	NE	8,300[5]	48,000,000[4]	91,000[5]

Notes:
1 PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated SVOCs.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
6. MTCA Method A cleanup level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).
U: Not detected above the laboratory MRL. Each MRL is reported.
Bold: Indicates analyte detection above the laboratory MRL.

TABLE 33
Soil Chemical Analytical Results
PAHs
The Village at Evergreen
Cleanup Action Area 7
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	PAHs by EPA Method 8270C-SIM (µg/Kg)																
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene[1]	Benzo(a)pyrene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(b+k)fluoranthene(s)	Benzo(g,h,i)perylene	Chrysene[1]	Dibenz(a,h)anthracene[1]	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene[1]	Naphthalene	Phenanthrene	Pyrene
Drainage Feature Near Hangar Building No. 2																			
CAA-7-1(3.5-4.0)	03/26/08	3.5-4.0	42.8 U	42.8 U	42.8 U	42.8 U	42.8 U	42.8 U	42.8 U	NA	42.8 U	42.8 U	42.8 U	42.8 U	42.8 U	42.8 U	42.8 U	42.8 U	42.8 U
CAA-7-2(3.5-4.0)	03/26/08	3.5-4.0	46.5 U	46.5 U	46.5 U	46.5 U	46.5 U	46.5 U	46.5 U	NA	46.5 U	46.5 U	46.5 U	46.5 U	46.5 U	46.5 U	46.5 U	46.5 U	46.5 U
CAA-7-3(3.0-3.5)[2]	04/14/08	3.0-3.5	89.0 U	89.0 U	89.0 U	89.0 U	89.0 U	89.0 U	89.0 U	NA	89.0 U	89.0 U	89.0 U	89.0 U	89.0 U	89.0 U	89.0 U	89.0 U	89.0 U
CAA-7-4(2.0-2.5)	04/14/08	2.0-2.5	41.1 U	41.1 U	41.1 U	41.1 U	41.1 U	41.1 U	41.1 U	NA	41.1 U	41.1 U	41.1 U	41.1 U	41.1 U	41.1 U	41.1 U	41.1 U	41.1 U
CAA-7-5(2.5-3.0)	04/14/08	2.5-3.0	41.7 U	41.7 U	41.7 U	41.7 U	41.7 U	41.7 U	41.7 U	NA	41.7 U	41.7 U	41.7 U	41.7 U	41.7 U	41.7 U	41.7 U	41.7 U	41.7 U
CAA-7-6(1.5-2.0)	04/14/08	1.5-2.0	36.8 U	36.8 U	36.8 U	36.8 U	36.8 U	36.8 U	36.8 U	NA	36.8 U	36.8 U	36.8 U	36.8 U	36.8 U	36.8 U	36.8 U	36.8 U	36.8 U
MTCA Regulatory Criteria[3]			4,800,000[4]	NE	24,000,000[4]	100[5]	100[5]	100[5]	100[5]	NE	NE	100[5]	100[5]	3,200,000[4]	3,200,000[4]	100[5]	5,000	NE	2,400,000[4]

Notes:
1. PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated SVOCs.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method A cleanup level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).

U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 34
Soil Chemical Analytical Results
Total Metals
The Village at Evergreen
Cleanup Action Area 7
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Total Metals by EPA Method 6020 (ICPMS)/7471/7196A (mg/Kg)								
			Arsenic	Cadmium	Total Chromium	Hexavalent Chromium	Copper	Lead	Tin	Zinc	Mercury
Drainage Feature Near Hangar Building No. 2											
CAA-7-1(3.5-4.0)	03/26/08	3.5-4.0	**2.77**	1.28 U	**15.2**	0.4 U	**30.2**	**20.3**	6.41 U	**3,320**	0.0192 U
CAA-7-2(3.5-4.0)	03/26/08	3.5-4.0	**2.21**	1.28 U	**1.29**	0.4 U	**22.2**	**6.12**	6.38 U	**101**	0.0191 U
CAA-7-3(3.0-3.5)[1]	04/14/08	3.0-3.5	**2.44**	1.27 U	**18.2**	NA	**28.7**	**40.8**	6.37 U	**2,180**	0.102 U
CAA-7-4(2.0-2.5)	04/14/08	2.0-2.5	**3.21**	1.42 U	**20.7**	0.4 U	**28.5**	**15.9**	7.09 U	**2,960**	0.114 U
CAA-7-5(2.5-3.0)	04/14/08	2.5-3.0	**2.77**	1.33 U	**18.7**	NA	**27.5**	**8.81**	6.65 U	**337**	0.106 U
CAA-7-6(1.5-2.0)	04/14/08	1.5-2.0	**2.43**	1.40 U	**16.9**	NA	**25.6**	**7.20**	6.98 U	**130**	0.112 U
MTCA Regulatory Criteria[2]			20	2	2,000	19	3,000[3]	250	48,000[3]	24,000[3]	2

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated SVOCs.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.

Bold: Indicates analyte detection above the laboratory MRL.
U: Not detected above the laboratory MRLs. Each MRL is reported.

TABLE 35
Soil Chemical Analytical Results
Petroleum Hydrocarbons
The Village at Evergreen
Cleanup Action Area 8
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Location of Sample	Field Screening Results		Hydrocarbon Indentification by Method NWTPH-HCID (mg/Kg)			Gasoline-Range Hydrocarbons by Method NWTPH-Gx (mg/Kg)	Diesel- and Oil-Range Hydrocarbons by Method NWTPH-Dx (mg/Kg)	
				Headspace Vapor (ppm)	Sheen	Gasoline Range	Diesel Range	Oil Range		Diesel	Oil
Stained Soil Near Drum of Paint											
CAA-8-1-1(3.5-4.0)	4/11/08	3.5-4.0	Base	0.2	NS	21.6 U	54.0 U	108 U	NA	NA	NA
CAA-8-1-2(2.5-3.0)	4/11/08	2.5-3.0	Sidewall	0.4	NS	23.3 U	58.2 U	116 U	NA	NA	NA
CAA-8-1-3(1.5-2.0)	4/11/08	1.5-2.0	Sidewall	0.3	NS	22.4 U	55.9 U	112 U	NA	NA	NA
CAA-8-1-4(3.0-3.5)[1]	4/11/08	3.0-3.5	Sidewall	0.1	NS	22.9 U	57.2 U	**Detected**	NA	29.7 U	**794**
CAA-8-1-5(2.5-3.0)	4/11/08	2.5-3.0	Sidewall	0.3	NS	22.6 U	56.6 U	113 U	NA	NA	NA
CAA-8-1-4ox (3-3.5)[1]	5/1/08	3-3.5	Sidewall	0.0	NS	NA	NA	NA	NA	25.0 U	**180**
CAA-8-6 (4.5-5.0)	5/22/08	4.5-5.0	Base	NA	NA	NA	NA	NA	NA	27.7 U	55.4 U
Dup-12	5/22/08	NA	CAA-8-6(4.5-5.0) Duplicate	NA	NA	NA	NA	NA	NA	29.6 U	59.3 U
CAA-8-4ox(3.0-3.5)	5/22/08	3.0-3.5	Sidewall	NA	NA	NA	NA	NA	NA	29.2 U	58.4 U
Spoils Removed During Remedial Excavation											
Stockpile-25[1]	4/22/08	NA	Stockpile	0.4	NS	**25.6**[2]	**115**[2]	**1,580**[2]	NA	NA	NA
ASTs											
AST-3(0.5-0.75)[1]	04/09/08	0.5-0.75	Beneath Former AST	0.7	NS	22.1 U	**Detected**	**Detected**	NA	NA	NA
AST-3OX (0.75-1)[1]	04/18/08	0.75-1.0	Beneath Former AST	0.0	NS	25.7 U	**Detected**	128 U	NA	NA	NA
AST-3ox (1-1.25)[1]	05/01/08	1.0-1.25	Beneath Former AST	0.0	NS	NA	NA	NA	NA	**229**	**343**
AST-3-1 (2.0-2.5)	05/22/08	2.0-2.5	Base	NA	NA	NA	NA	NA	NA	22.1 U	44.2 U
AST-3-2(1.0-1.5)	05/22/08	1.0-1.5	Sidewall	NA	NA	NA	NA	NA	NA	29.8 U	59.6 U
AST-3-3(1.5-2.0)	05/22/08	1.5-2.0	Sidewall	NA	NA	NA	NA	NA	NA	26.5 U	52.9 U
AST-3-4(1.0-1.5)	05/22/08	1.0-1.5	Sidewall	NA	NA	NA	NA	NA	NA	**85.0**	64.3 U
AST-3-5(1.5-2.0)	05/22/08	1.5-2.0	Sidewall	NA	NA	NA	NA	NA	NA	**138**	**2,180**
AST-3-5ox(1.5-2.0)	06/04/08	1.5-2.0	Sidewall	NA	NA	NA	NA	NA	NA	25.1 U	50.3 U
Dup-9[1]	05/01/08	1.0-1.25	AST-3ox(1-1.25) Duplicate	0.0	NS	NA	NA	NA	NA	**261**	**398**
AST-4(0.5-1.0)[1]	04/09/08	0.5-1.0	Beneath Former AST	0.1	NS	21.2 U	53.0 U	**Detected**	NA	NA	NA
Dup-6[1]	04/09/08	0.5-1.0	AST-4(0.5-1.0) Duplicate	0.1	NS	21.7 U	54.3 U	**Detected**	NA	NA	NA
AST-4OX (0.75-1)	04/18/08	0.75-1.0	Beneath Former AST	0.0	NS	18.9 U	47.1 U	94.3 U	NA	NA	NA
AST-5(0.5-0.75)	04/09/08	0.5-0.75	Beneath Former AST	1.6	NS	23.0 U	57.6 U	115 U	NA	NA	NA
MTCA Regulatory Criteria[3]				NA	NA	NE	NE	NE	100	2,000	2,000

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated detections of cadmium, lead, HCID, diesel-range, and/or heavy oil-range hydrocarbons.
2. The laboratory estimated the concentrations of gasoline-, diesel-, and heavy oil-range hydrocarbons on HCID quantitation.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
U: Not detected above the laboratory MRL. Each MRL is reported.
Bold: Indicates analyte detection above the laboratory MRL. Each MRL is reported.
Shading indicates detected concentration greater than the MTCA Method A cleanup level.

Table 36
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 8
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	VOCs by EPA Method 8260B/5035A (µg/Kg)															
			Acetone	Acrylonitrile	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane
Stained Soil Near Drum of Paint																		
CAA-8-1-1(3.5-4.0)	4/11/08	3.5-4.0	60 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.0 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U
CAA-8-1-2(2.5-3.0)	4/11/08	2.5-3.0	60 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.0 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U
CAA-8-1-3(1.5-2.0)	4/11/08	1.5-2.0	61 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.1 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U
CAA-8-1-4(3.0-3.5)[1]	4/11/08	3.0-3.5	55 U	11 U	1.1 U	1.1 U	NA	1.1 U	1.1 U	5.5 U	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U
CAA-8-1-5(2.5-3.0)	4/11/08	2.5-3.0	61 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.1 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U
Spoils Removed During Remedial Excavation																		
Stockpile-25[1]	4/22/08	NA	64 U	13 U	1.3 U	1.3 U	NA	1.3 U	1.3 U	6.4 U	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.4 U
MTCA Regulatory Criteria[2]			8,000,000[3]	1,900[4]	30	NE	NE	16,000[4]	130,000[4]	110,000[3]	NE	NE	NE	NE	7,700[4]	1,600,000[3]	NE	NE

Table 36
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 8
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	VOCs by EPA Method 8260B/5035A (µg/Kg)															
			2-Chloroethyl vinyl ether	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	1,2-Dibromo-3-chloropropane	Dibromochloromethane	1,2-Dibromoethane (EDB)	Dibromomethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dicloroethane	1,2-Dichloroethane (EDC)	1,1-Dichloroethene
Stained Soil Near Drum of Paint																		
CAA-8-1-1(3.5-4.0)	4/11/08	3.5-4.0	60 U	6.0 U	1.2 U	1.2 U	1.2 U	6.0 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U
CAA-8-1-2(2.5-3.0)	4/11/08	2.5-3.0	60 U	6.0 U	1.2 U	1.2 U	1.2 U	6.0 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U
CAA-8-1-3(1.5-2.0)	4/11/08	1.5-2.0	61 U	6.1 U	1.2 U	1.2 U	1.2 U	6.1 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U
CAA-8-1-4(3.0-3.5)[1]	4/11/08	3.0-3.5	55 U	5.5 U	1.1 U	1.1 U	1.1 U	5.5 U	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U
CAA-8-1-5(2.5-3.0)	4/11/08	2.5-3.0	61 U	6.1 U	1.2 U	1.2 U	1.2 U	6.1 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U
Spoils Removed During Remedial Excavation																		
Stockpile-25[1]	4/22/08	NA	64 U	6.4 U	1.3 U	1.3 U	1.3 U	6.4 U	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.4 U	1.3 U	1.3 U	1.3 U
MTCA Regulatory Criteria[2]			NE	160,000[4]	77,000[4]	NE	NE	710[4]	12,000[4]	5.0	NE	7,200,000[3]	NE	42,000[4]	16,000,000[3]	8,000,000[3]	11,000[4]	4,000,000[3]

Table 36
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 8
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	VOCs by EPA Method 8260B/5035A (µg/Kg)														
			cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,1-Dichloropropene	1,3-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	2,2-Dichloropropane	Di-isopropyl ether	Ethanol	Ethylbenzene	Ethyl Tert-Butyl Ether	Hexachlorobutadiene	2-Hexanone	Isopropylbenzene
Stained Soil Near Drum of Paint																	
CAA-8-1-1(3.5-4.0)	4/11/08	3.5-4.0	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
CAA-8-1-2(2.5-3.0)	4/11/08	2.5-3.0	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
CAA-8-1-3(1.5-2.0)	4/11/08	1.5-2.0	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
CAA-8-1-4(3.0-3.5)[1]	4/11/08	3.0-3.5	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	NA	1.1 U	NA	1.1 U	NA	1.1 U
CAA-8-1-5(2.5-3.0)	4/11/08	2.5-3.0	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
Spoils Removed During Remedial Excavation																	
Stockpile-25[1]	4/22/08	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	NA	1.3 U	NA	1.3 U	NA	1.3 U
MTCA Regulatory Criteria[2]			800,000[3]	NE	15,000[4]	NE	NE	5,600[4]	5,600[4]	NE	NE	NE	6,000	NE	13,000[4]	NE	NE

Table 36
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 8
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	VOCs by EPA Method 8260B/5035A (µg/Kg)														
			p-Isopropyltoluene	2-Butanone (MEK)	4-Isopropyltoluene	Methanol	Methylene Chloride	4-Methyl-2-pentanone	Methyl tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tert-Butyl Alcohol	Tert-Amyl Methyl Ether	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoro
Stained Soil Near Drum of Paint																	
CAA-8-1-1(3.5-4.0)	4/11/08	3.5-4.0	1.2 U	12 U	NA	NA	6.0 U	12 U	1.2 U	6.0 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
CAA-8-1-2(2.5-3.0)	4/11/08	2.5-3.0	1.2 U	12 U	NA	NA	6.0 U	12 U	1.2 U	6.0 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
CAA-8-1-3(1.5-2.0)	4/11/08	1.5-2.0	1.2 U	12 U	NA	NA	6.1 U	12 U	1.2 U	6.1 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
CAA-8-1-4(3.0-3.5)[1]	4/11/08	3.0-3.5	1.1 U	11 U	NA	NA	5.5 U	11 U	1.1 U	5.5 U	1.1 U	1.1 U	NA	NA	1.1 U	1.1 U	1.1 U
CAA-8-1-5(2.5-3.0)	4/11/08	2.5-3.0	1.2 U	12 U	NA	NA	6.1 U	12 U	1.2 U	6.1 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Spoils Removed During Remedial Excavation																	
Stockpile-25[1]	4/22/08	NA	1.3 U	13 U	NA	NA	6.4 U	13 U	1.3 U	6.4 U	1.3 U	1.3 U	NA	NA	1.3 U	1.3 U	1.3 U
MTCA Regulatory Criteria[2]			NE	48,000,000[3]	NE	40,000,000[3]	20	NE	100	5,000	NE	33,000[4]	NE	NE	38,000[4]	5,000[4]	2,400,000,000[3]

Table 36
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 8
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	VOCs by EPA Method 8260B/5035A (µg/Kg)														
			Tetrachlorethene (PCE)	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene (TCE)	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2,3-Trimethylbenzene	1,3,5-Trimethybenzene	Vinyl chloride	m,p-Xylene	o-Xylene
Stained Soil Near Drum of Paint																	
CAA-8-1-1(3.5-4.0)	4/11/08	3.5-4.0	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
CAA-8-1-2(2.5-3.0)	4/11/08	2.5-3.0	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.0 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
CAA-8-1-3(1.5-2.0)	4/11/08	1.5-2.0	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
CAA-8-1-4(3.0-3.5)[1]	4/11/08	3.0-3.5	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.3 U	3.3 U
CAA-8-1-5(2.5-3.0)	4/11/08	2.5-3.0	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
Spoils Removed During Remedial Excavation																	
Stockpile-25[1]	4/22/08	NA	1.3 U	6.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	3.8 U	3.8 U
MTCA Regulatory Criteria[2]			50.0	7,000	NE	800,000[3]	2,000	18,000[4]	30.0	24,000,000[3]	140[4]	4,000,000[3]	NE	4,000,000[3]	670[4]	9,000	

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated detections of cadmium, lead, HCID, diesel-range, and/or heavy oil-range hydrocarbons.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
4. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.

U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 37
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 8
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																			
			Acenaphthene	Acenaphthylene	Anthracene	Benzidine	Benzo(a)anthracene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(g,h,I)perylene	Benzo (a) pyrene[1]	Bis(2-chlorethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	4-Bromophenyl-phenylether	2-Chloronaphthalene	4-Chlorophenyl-phenylether	Chyrsene[1]	Dibenz(a,h)anthracene[1]	3,3-Dichlorobenzidine	2,4-Dinitrotoulene
Stained Soil Near Drum of Paint																						
CAA-8-1-1(3.5-4.0)	4/11/08	3.5-4.0	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-8-1-2(2.5-3.0)	4/11/08	2.5-3.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-8-1-3(1.5-2.0)	4/11/08	1.5-2.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-8-1-4(3.0-3.5)[2]	4/11/08	3.0-3.5	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
CAA-8-1-5(2.5-3.0)	4/11/08	2.5-3.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Spoils Removed During Remedial Excavation																						
Stockpile-25[2]	4/22/08	NA	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U
MTCA Regulatory Criteria[3]			4,800,000[4]	NE	24,000,000[4]	4.3[5]	100[6]	100[6]	100[6]	NE	100[6]	NE	910[5]	3,200,000[4]	NE	NE	NE	100[6]	100[6]	2,200[5]	160,000[4]

TABLE 37
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 8
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																	
			2,6-Dinitrotoulene	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachloro-1,3-butadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno (1,2,3-cd) pyrene[1]	Isophorone	Naphthalene	Nitrobenzene	n-Nitrosodimethylamine	n-Nitrosodiphenylamine	n-Nitrosodi-n-propylamine	Phenanthrene	Benzylbutyl phathalate	Bis(2-ethylhexyl)phthalate	Di-n-butyl phthalate
Stained Soil Near Drum of Paint																				
CAA-8-1-1(3.5-4.0)	4/11/08	3.5-4.0	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-8-1-2(2.5-3.0)	4/11/08	2.5-3.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-8-1-3(1.5-2.0)	4/11/08	1.5-2.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-8-1-4(3.0-3.5)[2]	4/11/08	3.0-3.5	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
CAA-8-1-5(2.5-3.0)	4/11/08	2.5-3.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Spoils Removed During Remedial Excavation																				
Stockpile-25[2]	4/22/08	NA	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U
MTCA Regulatory Criteria[3]			80,0004	3,200,000[4]	3,200,000[4]	630[5]	13,000[5]	480,000[4]	71,000[5]	100[6]	1,100,000[5]	5,000[4]	40,000[4]	20[5]	200,000[5]	140[5]	NE	16,000,000[4]	71,000[5]	8,000,000[4]

TABLE 37
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 8
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																	
			Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Pyrene	1,2,4-Trichlorobenzene	4-Chloro-3methylphenol	2-Chlorophenol	2-Methylphenol	3&4-methyl phenol	2,4-Dichlorophenol	2,4-Dimehtylphenol	4,6-Dinitro-2-methylphenol	2,4-Dinitrophenol	2-Nitrophenol	4-Nitrophenol	Pentachlorophenol	Phenol	2,4,6-Trichlorophenol
Stained Soil Near Drum of Paint																				
CAA-8-1-1(3.5-4.0)	4/11/08	3.5-4.0	390 U	390 U	390 U	390 U	390 U	390 U	390 U	NA	NA	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
CAA-8-1-2(2.5-3.0)	4/11/08	2.5-3.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	NA	NA	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-8-1-3(1.5-2.0)	4/11/08	1.5-2.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	NA	NA	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
CAA-8-1-4(3.0-3.5)[2]	4/11/08	3.0-3.5	370 U	370 U	370 U	370 U	370 U	370 U	370 U	NA	NA	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
CAA-8-1-5(2.5-3.0)	4/11/08	2.5-3.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	NA	NA	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Spoils Removed During Remedial Excavation																				
Stockpile-25[2]	4/22/08	NA	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U
MTCA Regulatory Criteria[3]			64,000,000[4]	80,000,000[4]	1,600,000[4]	2,400,000[4]	800,000[4]	NE	400,000[4]	NE	NE	240,000[4]	1,600,000[4]	NE	160,000[4]	NE	NE	8,300[5]	48,000,000[4]	91,000[5]

Notes:
1 PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated detections of cadmium, lead, HCID, diesel-range, and/or heavy oil-range hydrocarbons.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
6. MTCA Method A cleanup level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).
U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 38
Soil Chemical Analytical Results
PAHs
The Village at Evergreen
Cleanup Action Area 8
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	PAHs by EPA Method 8270C-SIM (µg/Kg)																
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene[1]	Benzo(a)pyrene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(b+k)fluoranthene(s)	Benzo(g,h,i)perylene	Chrysene[1]	Dibenz(a,h)anthracene[1]	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene[1]	Naphthalene	Phenanthrene	Pyrene
Stained Soil Near Drum of Paint																			
CAA-8-1-1(3.5-4.0)	4/11/08	3.5-4.0	36.6 U	36.6 U	36.6 U	36.6 U	36.6 U	36.6 U	36.6 U	NA	36.6 U	36.6 U	36.6 U	36.6 U	36.6 U	36.6 U	36.6 U	36.6 U	36.6 U
CAA-8-1-2(2.5-3.0)	4/11/08	2.5-3.0	31.6 U	31.6 U	31.6 U	31.6 U	31.6 U	31.6 U	31.6 U	NA	31.6 U	31.6 U	31.6 U	31.6 U	31.6 U	31.6 U	31.6 U	31.6 U	31.6 U
CAA-8-1-3(1.5-2.0)	4/11/08	1.5-2.0	42.5 U	42.5 U	42.5 U	42.5 U	42.5 U	42.5 U	42.5 U	NA	42.5 U	42.5 U	42.5 U	42.5 U	42.5 U	42.5 U	42.5 U	42.5 U	42.5 U
CAA-8-1-4(3.0-3.5)[2]	4/11/08	3.0-3.5	72.5 U	72.5 U	72.5 U	72.5 U	725 U	72.5 U	72.5 U	NA	725 U	72.5 U	725 U	72.5 U	72.5 U	725 U	72.5 U	72.5 U	72.5 U
CAA-8-1-5(2.5-3.0)	4/11/08	2.5-3.0	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U	NA	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U	36.1 U
Spoils Removed During Remedial Excavation																			
Stockpile-25[2]	4/22/08	NA	366 U	366 U	366 U	366 U	366 U	366 U	366 U	NA	366 U	366 U	366 U	366 U	366 U	366 U	366 U	366 U	366 U
MTCA Regulatory Criteria[3]			4,800,000[4]	NE	24,000,000[4]	100[5]	100[5]	100[5]	100[5]	NE	NE	100[5]	100[5]	3,200,000[4]	3,200,000[4]	100[5]	5,000	NE	2,400,000[4]

Notes:
1. PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated detections of cadmium, lead, HCID, diesel-range, and/or heavy oil-range hydrocarbons.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method A cleanup level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).

U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 39
Soil Chemical Analytical Results
Total Metals
The Village at Evergreen
Cleanup Action Area 8
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Total Metals by EPA Method 6020 (ICPMS)/7471 (mg/Kg)									TCLP Metals EPA Method 6020 (mg/L)	
			Arsenic	Cadmium	Total Chromium	Hexavalent Chromium	Copper	Lead	Tin	Zinc	Mercury	Cadmium	Lead
Stained Soil Near Drum of Paint													
CAA-8-1-1(3.5-4.0)	4/11/2008	3.5-4.0	**1.60**	1.27 U	**9.71**	NA	**25.7**	**4.90**	6.36 U	**55.3**	0.102 U	NA	NA
CAA-8-1-2(2.5-3.0)	4/11/2008	2.5-3.0	**2.14**	1.12 U	**13.9**	NA	**29.9**	**8.24**	5.60 U	**72.0**	0.0896 U	NA	NA
CAA-8-1-3(1.5-2.0)	4/11/2008	1.5-2.0	**2.25**	1.31 U	**16.6**	NA	**26.6**	**11.2**	6.53 U	**78.4**	0.105 U	NA	NA
CAA-8-1-4(3.0-3.5)[1]	4/11/2008	3.0-3.5	**1.80**	1.29 U	**11.5**	NA	**29.3**	**6.64**	6.47 U	**66.5**	0.104 U	NA	NA
CAA-8-1-5(2.5-3.0)	4/11/2008	2.5-3.0	**1.85**	1.45 U	**12.6**	NA	**29.4**	**10.8**	7.24 U	**70.2**	**0.130**	NA	NA
Spoils Removed During Remedial Excavation													
Stockpile-25[1]	4/22/2008	NA	**2.62**	**31.7**	**91.1**	NA	**58.0**	**597**	7.07 U	**362**	**1.08**	**0.142**	**0.123**
MTCA Regulatory Criteria[2]			20	2	2,000	19	3,000[3]	250	48,000[3]	24,000[3]	2	NA	NA

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to one or more elevated detections of cadmium, lead, HCID, diesel-range, and/or heavy oil-range hydrocarbons.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.

Bold: indicates analyte detection
Shading indicates detected concentration greater than the MTCA cleanup level.

TABLE 40
Soil Chemical Analytical Results
Petroleum Hydrocarbons
The Village at Evergreen
Cleanup Action Area 9
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Location of Sample	Field Screening Results		Hydrocarbon Indentification by Method NWTPH-HCID (mg/Kg)			Gasoline-Range Hydrocarbons by Method NWTPH-Gx (mg/Kg)	Diesel- and Oil-Range Hydrocarbons by Method NWTPH-Dx (mg/Kg)	
				Headspace Vapor (ppm)	Sheen	Gasoline Range	Diesel Range	Oil Range		Diesel	Oil
Dry Well											
Drywell-7(10.0-10.5)	04/10/08	10.0-10.5	Beneath Dry Well	0.6	NS	21.5 U	53.8 U	108 U	NA	NA	NA
DrywellSeds-7[1]	04/10/08	8.5	Sediment within Dry Well	4.9	NS	28.1 U	70.3 U	**153**[2]	NA	NA	NA
Spoils Removed During Dry Well Decommissioning											
Stockpile-22	04/11/08	NA	Stockpile	0.6	NS	21.5 U	53.6 U	107 U	NA	NA	NA
Septic System Piping											
Piping-4(2.0-2.5)[1]	04/10/08	2.0-2.5	Beneath Piping	0.9	NS	23.3 U	58.2 U	116 U	NA	NA	NA
Piping-5(1.5-2.0)	04/10/08	1.5-2.0	Beneath Piping	1.0	NS	21.8 U	54.4 U	109 U	NA	NA	NA
Piping-6(2.5-3.0)	04/10/08	2.5-3.0	Beneath Piping	0.6	NS	23.8 U	59.6 U	119 U	NA	NA	NA
MTCA Regulatory Criteria[3]				NA	NA	NE	NE	NE	100	2,000	2,000

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated chromium, VOCs, and/or SVOCs.
2. Heavy oil-range hydrocarbons were quantified based on laboratories review of chromatograms. The laboratory notes that the hydrocarbon is elevated due to the presence of individual analyte peaks in the quantitation range.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
U: Not detected above the MRL. Each MRL is reported.
Bold: Indicates analyte detection above the MRL. Each MRL is reported.

TABLE 41
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 9
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	Location of Sample	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)															
					Acetone	Acrylonitrile	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane
Dry Well																				
Drywell-7(10.0-10.5)	04/10/08	10.0-10.5	1.5-2.0	Beneath Dry Well	57 U	11 U	1.1 U	1.1 U	NA	1.1 U	1.1 U	5.7 U	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U
DrywellSeds-7[1]	04/10/08	8.5	NA	Sediment within Dry Well	67 U	13 U	1.3 U	1.3 U	NA	1.3 U	1.3 U	6.7 U	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.7 U
Spoils Removed During Dry Well Decommissioning																				
Stockpile-22	04/11/08	NA	NA	Stockpile	53 U	10 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	5.3 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U
Septic System Piping																				
Piping-4(2.0-2.5)[1]	04/10/08	2.0-2.5	0.0-0.5	Beneath Piping	63 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.3 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.3 U
Piping-4ox(3.5-4.0)	05/22/08	3.5-4.0	1.5-2.0	Beneath Piping	53 U	10 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	5.3 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U
Piping-5(1.5-2.0)	04/10/08	1.5-2.0	0.0-0.5	Beneath Piping	61 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.1 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U
Piping-6(2.5-3.0)	04/10/08	2.5-3.0	0.0-0.5	Beneath Piping	59 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	5.9 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U
MTCA Regulatory Criteria[2]					8,000,000[3]	1,900[4]	30	NE	NE	16,000[4]	130,000[4]	110,000[3]	NE	NE	NE	NE	7,700[4]	1,600,000[3]	NE	NE

TABLE 41
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 9
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	Location of Sample	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)															
					2-Chloroethyl vinyl ether	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	1,2-Dibromo-3-chloropropane	Dibromochloromethane	1,2-Dibromoethane (EDB)	Dibromomethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dicloroethane	1,2-Dichloroethane (EDC)	1,1-Dichloroethene
Dry Well																				
Drywell-7(10.0-10.5)	04/10/08	10.0-10.5	1.5-2.0	Beneath Dry Well	57 U	5.7 U	1.1 U	1.1 U	1.1 U	5.7 U	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U
DrywellSeds-7[1]	04/10/08	8.5	NA	Sediment within Dry Well	67 U	6.7 U	1.3 U	1.3 U	1.3 U	6.7 U	NA	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.7 U	1.3 U	1.3 U	1.3 U
Spoils Removed During Dry Well Decommissioning																				
Stockpile-22	04/11/08	NA	NA	Stockpile	53 U	5.3 U	1.0 U	1.0 U	1.0 U	5.3 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U	1.0 U	1.0 U	1.0 U
Septic System Piping																				
Piping-4(2.0-2.5)[1]	04/10/08	2.0-2.5	0.0-0.5	Beneath Piping	63 U	6.3 U	1.2 U	1.2 U	1.2 U	6.3 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.3 U	1.2 U	1.2 U	1.2 U
Piping-4ox(3.5-4.0)	05/22/08	3.5-4.0	1.5-2.0	Beneath Piping	53 U	5.3 U	1.0 U	1.0 U	1.0 U	5.3 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U	1.0 U	1.0 U	1.0 U
Piping-5(1.5-2.0)	04/10/08	1.5-2.0	0.0-0.5	Beneath Piping	61 U	6.1 U	1.2 U	1.2 U	1.2 U	6.1 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U
Piping-6(2.5-3.0)	04/10/08	2.5-3.0	0.0-0.5	Beneath Piping	59 U	5.9 U	1.2 U	1.2 U	1.2 U	5.9 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U
MTCA Regulatory Criteria[2]					NE	160,000[4]	77,000[4]	NE	NE	710[4]	12,000[4]	5.0	NE	7,200,000[3]	NE	42,000[4]	16,000,000[3]	8,000,000[3]	11,000[4]	4,000,000[3]

TABLE 41
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 9
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	Location of Sample	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)														
					cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,1-Dichloropropene	1,3-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	2,2-Dichloropropane	Di-isopropyl ether	Ethanol	Ethylbenzene	Ethyl Tert-Butyl Ether	Hexachlorobutadiene	2-Hexanone	Isopropylbenzene
Dry Well																			
Drywell-7(10.0-10.5)	04/10/08	10.0-10.5	1.5-2.0	Beneath Dry Well	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	NA	1.1 U	NA	1.1 U	NA	1.1 U
DrywellSeds-7[1]	04/10/08	8.5	NA	Sediment within Dry Well	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	NA	1.3 U	NA	1.3 U	NA	1.3 U
Spoils Removed During Dry Well Decommissioning																			
Stockpile-22	04/11/08	NA	NA	Stockpile	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	NA	1.0 U
Septic System Piping																			
Piping-4(2.0-2.5)[1]	04/10/08	2.0-2.5	0.0-0.5	Beneath Piping	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
Piping-4ox(3.5-4.0)	05/22/08	3.5-4.0	1.5-2.0	Beneath Piping	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	NA	1.0 U
Piping-5(1.5-2.0)	04/10/08	1.5-2.0	0.0-0.5	Beneath Piping	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
Piping-6(2.5-3.0)	04/10/08	2.5-3.0	0.0-0.5	Beneath Piping	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	NA	1.2 U
MTCA Regulatory Criteria[2]					800,000[3]	NE	15,000[4]	NE	NE	5,600[4]	5,600[4]	NE	NE	NE	6,000	NE	13,000[4]	NE	NE

TABLE 41
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 9
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	Location of Sample	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)														
					p-Isopropyltoluene	2-Butanone (MEK)	4-Isopropyltoluene	Methanol	Methylene Chloride	4-Methyl-2-pentanone	Methyl tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tert-Butyl Alcohol	Tert-Amyl Methyl Ether	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoro
Dry Well																			
Drywell-7(10.0-10.5)	04/10/08	10.0-10.5	1.5-2.0	Beneath Dry Well	1.1 U	11 U	NA	NA	5.7 U	57 U	1.1 U	5.7 U	1.1 U	1.1 U	NA	NA	1.1 U	1.1 U	1.1 U
DrywellSeds-7[1]	04/10/08	8.5	NA	Sediment within Dry Well	**2.3**	13 U	NA	NA	6.7 U	13 U	1.3 U	6.7 U	1.3 U	1.3 U	NA	NA	1.3 U	1.3 U	1.3 U
Spoils Removed During Dry Well Decommissioning																			
Stockpile-22	04/11/08	NA	NA	Stockpile	1.0 U	10 U	NA	NA	5.3 U	10 U	1.0 U	5.3 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U	1.0 U
Septic System Piping																			
Piping-4(2.0-2.5)[1]	04/10/08	2.0-2.5	0.0-0.5	Beneath Piping	1.2 U	12 U	NA	NA	6.3 U	12 U	1.2 U	6.3 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Piping-4ox(3.5-4.0)	05/22/08	3.5-4.0	1.5-2.0	Beneath Piping	1.0 U	10 U	NA	NA	5.3 U	10 U	1.0 U	5.3 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U	1.0 U
Piping-5(1.5-2.0)	04/10/08	1.5-2.0	0.0-0.5	Beneath Piping	1.2 U	12 U	NA	NA	6.1 U	12 U	1.2 U	6.1 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Piping-6(2.5-3.0)	04/10/08	2.5-3.0	0.0-0.5	Beneath Piping	1.2 U	12 U	NA	NA	5.9 U	12 U	1.2 U	5.9 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
MTCA Regulatory Criteria[2]					NE	48,000,000[3]	NE	40,000,000[3]	20	NE	100	5,000	NE	33,000[4]	NE	NE	38,000[4]	5,000[4]	2,400,000,000[3]

TABLE 41
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 9
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	Location of Sample	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)														
					Tetrachlorethene (PCE)	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene (TCE)	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2,3-Trimethylbenzene	1,3,5-Trimethybenzene	Vinyl chloride	m,p-Xylene	o-Xylene
Dry Well																			
Drywell-7(10.0-10.5)	04/10/08	10.0-10.5	1.5-2.0	Beneath Dry Well	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.4 U	3.4 U
DrywellSeds-7[1]	04/10/08	8.5	NA	Sediment within Dry Well	1.3 U	6.7 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.7 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	4.0 U	4.0 U
Spoils Removed During Dry Well Decommissioning																			
Stockpile-22	04/11/08	NA	NA	Stockpile	1.0 U	5.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.2 U	3.2 U
Septic System Piping																			
Piping-4(2.0-2.5)[1]	04/10/08	2.0-2.5	0.0-0.5	Beneath Piping	**1.4**	6.3 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.3 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.8 U	3.8 U
Piping-4ox(3.5-4.0)	05/22/08	3.5-4.0	1.5-2.0	Beneath Piping	1.0 U	5.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.2 U	3.2 U
Piping-5(1.5-2.0)	04/10/08	1.5-2.0	0.0-0.5	Beneath Piping	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.7 U	3.7 U
Piping-6(2.5-3.0)	04/10/08	2.5-3.0	0.0-0.5	Beneath Piping	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.5 U	3.5 U
MTCA Regulatory Criteria[2]					50.0	7,000	NE	800,000[3]	2,000	18,000[4]	30.0	24,000,000[3]	140[4]	4,000,000[3]	NE	4,000,000[3]	670[4]	9,000	

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated chromium, VOCs, and/or SVOCs.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
4. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.

Bold: Indicates analyte detection above the MRL. Each MRL is reported.
U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 42
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 9
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																			
			Acenaphthene	Acenaphthylene	Anthracene	Benzidine	Benzo(a)anthracene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(g,h,i)perylene	Benzo (a) pyrene[1]	Bis(2-chlorethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	4-Bromophenyl-phenylether	2-Chloronaphthalene	4-Chlorophenyl-phenylether	Chyrsene[1]	Dibenz(a,h)anthracene[1]	3,3-Dichlorobenzidine	2,4-Dinitrotoulene
Dry Well																						
Drywell-7(10.0-10.5)	04/10/08	10.0-10.5	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
DrywellSeds-7[2]	04/10/08	8.5	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U
Spoils Removed During Dry Well Decommissioning																						
Stockpile-22	04/11/08	NA	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
Septic System Piping																						
Piping-4(2.0-2.5)[2]	04/10/08	2.0-2.5	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U
Piping-5(1.5-2.0)	04/10/08	1.5-2.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Piping-6(2.5-3.0)	04/10/08	2.5-3.0	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
MTCA Regulatory Criteria[3]			4,800,000[4]	NE	24,000,000[4]	4.3[5]	100[6]	100[6]	100[6]	NE	100[6]	NE	910[5]	3,200,000[4]	NE	NE	NE	100[6]	100[6]	2,200[5]	160,000[4]

TABLE 42
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 9
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																	
			2,6-Dinitrotoulene	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachloro-1,3-butadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno (1,2,3-cd) pyrene[1]	Isophorone	Naphthalene	Nitrobenzene	n-Nitrosodimethylamine	n-Nitrosodiphenylamine	n-Nitrosodi-n-propylamine	Phenanthrene	Benzylbutyl phathalate	Bis(2-ethylhexyl)phthalate	Di-n-butyl phthalate
Dry Well																				
Drywell-7(10.0-10.5)	04/10/08	10.0-10.5	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
DrywellSeds-7[2]	04/10/08	8.5	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	**1,500**	440 U
Spoils Removed During Dry Well Decommissioning																				
Stockpile-22	04/11/08	NA	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
Septic System Piping																				
Piping-4(2.0-2.5)[2]	04/10/08	2.0-2.5	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U
Piping-5(1.5-2.0)	04/10/08	1.5-2.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Piping-6(2.5-3.0)	04/10/08	2.5-3.0	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
MTCA Regulatory Criteria[3]			80,0004	3,200,000[4]	3,200,000[4]	630[5]	13,000[5]	480,000[4]	71,000[5]	100[6]	1,100,000[5]	5,000[4]	40,000[4]	20[5]	200,000[5]	140[5]	NE	16,000,000[4]	71,000[5]	8,000,000[4]

TABLE 42
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 9
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																	
			Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Pyrene	1,2,4-Trichlorobenzene	4-Chloro-3methylphenol	2-Chlorophenol	2-Methylphenol	3&4-methyl phenol	2,4-Dichlorophenol	2,4-Dimehtylphenol	4,6-Dinitro-2-methylphenol	2,4-Dinitrophenol	2-Nitrophenol	4-Nitrophenol	Pentachlorophenol	Phenol	2,4,6-Trichlorophenol
Dry Well																				
Drywell-7(10.0-10.5)	04/10/08	10.0-10.5	370 U	370 U	370 U	370 U	370 U	370 U	370 U	NA	NA	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U	370 U
DrywellSeds-7[2]	04/10/08	8.5	440 U	440 U	440 U	440 U	440 U	440 U	440 U	NA	NA	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U
Spoils Removed During Dry Well Decommissioning																				
Stockpile-22	04/11/08	NA	350 U	350 U	350 U	350 U	350 U	350 U	350 U	NA	NA	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
Septic System Piping																				
Piping-4(2.0-2.5)[2]	04/10/08	2.0-2.5	410 U	410 U	410 U	410 U	410 U	410 U	410 U	NA	NA	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U	410 U
Piping-5(1.5-2.0)	04/10/08	1.5-2.0	400 U	400 U	400 U	400 U	400 U	400 U	400 U	NA	NA	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Piping-6(2.5-3.0)	04/10/08	2.5-3.0	390 U	390 U	390 U	390 U	390 U	390 U	390 U	NA	NA	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
MTCA Regulatory Criteria[3]			64,000,000[4]	80,000,000[4]	1,600,000[4]	2,400,000[4]	800,000[4]	NE	400,000[4]	NE	NE	240,000[4]	1,600,000[4]	NE	160,000[4]	NE	NE	8,300[5]	48,000,000[4]	91,000[5]

Notes:
1 PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated chromium, VOCs, and/or SVOCs.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
6. MTCA Method A cleanup level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).
U: Not detected above the laboratory MRL. Each MRL is reported.
Bold: Indicates analyte detection above the laboratory MRL.

TABLE 43
Soil Chemical Analytical Results
PAHs
The Village at Evergreen
Cleanup Action Area 9
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Location of Sample	PAHs by EPA Method 8270C-SIM (µg/Kg)																
				Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene[1]	Benzo(a)pyrene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(b+k)fluoranthene(s)	Benzo(g,h,i)perylene	Chrysene[1]	Dibenz(a,h)anthracene[1]	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene[1]	Naphthalene	Phenanthrene	Pyrene
Dry Well																				
Drywell-7(10.0-10.5)	04/10/08	10.0-10.5	Beneath Dry Well	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U	41.0 U
DrywellSeds-7[2]	04/10/08	8.5	Sediment within Dry Well	264 U	264 U	264 U	264 U	264 U	264 U	264 U	264 U	264 U	264 U	264 U	264 U	264 U	264 U	264 U	264 U	264 U
Spoils Removed During Dry Well Decommissioning																				
Stockpile-22	04/11/08	NA	Stockpile	62.5 U	62.5 U	62.5 U	62.5 U	62.5 U	62.5 U	62.5 U	62.5 U	62.5 U	62.5 U	62.5 U	62.5 U	62.5 U	62.5 U	62.5 U	62.5 U	62.5 U
Septic System Piping																				
Piping-4(2.0-2.5)[2]	04/10/08	2.0-2.5	Beneath Piping	63.5 U	63.5 U	63.5 U	63.5 U	63.5 U	63.5 U	63.5 U	63.5 U	63.5 U	63.5 U	63.5 U	63.5 U	63.5 U	63.5 U	63.5 U	63.5 U	63.5 U
Piping-5(1.5-2.0)	04/10/08	1.5-2.0	Beneath Piping	34.4 U	34.4 U	34.4 U	34.4 U	34.4 U	34.4 U	34.4 U	34.4 U	34.4 U	34.4 U	34.4 U	34.4 U	34.4 U	34.4 U	34.4 U	34.4 U	34.4 U
Piping-6(2.5-3.0)	04/10/08	2.5-3.0	Beneath Piping	75.6 U	75.6 U	75.6 U	75.6 U	75.6 U	75.6 U	75.6 U	75.6 U	75.6 U	75.6 U	75.6 U	75.6 U	75.6 U	75.6 U	75.6 U	75.6 U	75.6 U
MTCA Regulatory Criteria[3]				4,800,000[4]	NE	24,000,000[4]	100[5]	100[5]	100[5]	100[5]	NE	NE	100[5]	100[5]	3,200,000[4]	3,200,000[4]	100[4]	5,000	NE	2,400,000[4]

Notes:
1. PAH is considered carcinogenic.
2. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated chromium, VOCs, and/or SVOCs.
3. All values are MTCA Method A cleanup levels, unless otherwise noted.
4. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method A cleanup level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).

U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 44
Soil Chemical Analytical Results
Total Metals
The Village at Evergreen
Cleanup Action Area 9
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Total Metals by EPA Method 6020 (ICPMS)/7471/7196A (mg/Kg)								
			Arsenic	Cadmium	Total Chromium	Hexavalent Chromium	Copper	Lead	Tin	Zinc	Mercury
Dry Well											
Drywell-7(10.0-10.5)	04/10/08	10.0-10.5	1.15 U	1.15 U	**4.83**	NA	**24.2**	**3.38**	5.75 U	**47.2**	0.0920 U
DrywellSeds-7[1]	04/10/08	8.5	**1.98**	**8.89**	**60.5**	NA	**119**	**115**	**53.7**	**551**	**5.24**
Spoils Removed During Dry Well Decommissioning											
Stockpile-22	04/11/08	NA	1.12 U	1.12 U	**16.5**	NA	**29.6**	**20.5**	**9.89**	**70.8**	**0.673**
Septic System Piping											
Piping-4(2.0-2.5)[1]	04/10/08	2.0-2.5	**2.84**	1.38 U	**19.3**	0.4 U	**26.8**	**26.2**	6.89 U	**275**	0.110 U
Piping-5(1.5-2.0)	04/10/08	1.5-2.0	**2.48**	1.25 U	**19.6**	0.4 U	**28.6**	**10.2**	6.23 U	**184**	0.0996 U
Piping-6(2.5-3.0)	04/10/08	2.5-3.0	**2.15**	1.29 U	**14.1**	NA	**22.8**	**24.9**	6.47 U	**301**	0.104 U
MTCA Regulatory Criteria[2]			20	2	2,000	19	3,000[3]	250	48,000[3]	24,000[3]	2

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill due to elevated chromium, VOCs, and/or SVOCs.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.

U: Not detected above the laboratory MRL. Each MRL is reported.
Bold: Indicates analyte detection above the laboratory MRL. Each MRL is reported.
Shading indicates detected concentration greater than the MTCA Method A cleanup level.

TABLE 45
Soil Chemical Analytical Results
Petroleum Hydrocarbons
The Village at Evergreen
Cleanup Action Area 10
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Field Screening Results		Hydrocarbon Indentification by Method NWTPH-HCID (mg/Kg)			Gasoline-Range Hydrocarbons by Method NWTPH-Gx (mg/Kg)	Diesel- and Oil-Range Hydrocarbons by Method NWTPH-Dx (mg/Kg)	
			Headspace Vapor (ppm)	Sheen	Gasoline Range	Diesel Range	Oil Range		Diesel	Oil
Dry Well										
Drywell-8(8.0-8.5)	04/16/08	8.0-8.5	0.4	NS	16.9 U	42.2 U	84.5 U	NA	NA	NA
Drywell Seds-8	04/16/08	6.0-6.5	0.0	NS	16.7 U	41.8 U	83.6 U	NA	NA	NA
Septic System Piping										
Piping-13(4.5-5.0)	04/16/08	4.5-5.0	0.0	NS	19.4 U	48.6 U	97.2 U	NA	NA	NA
Piping-16(1.5-2.0)	04/25/08	1.5-2.0	1.4	NS	19.5 U	48.7 U	97.5 U	NA	NA	NA
MTCA Regulatory Criteria[1]			NA	NA	NE	NE	NE	100	2,000	2,000

Notes:
1. All values are MTCA Method A cleanup levels, unless otherwise noted.
U: Not detected above the laboratory MRL. Each MRL is reported.

Table 46
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 10
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)															
				Acetone	Acrylonitrile	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane
Dry Well																			
Drywell-8(8.0-8.5)	04/16/08	8.0-8.5	2.0	58 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	5.8 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U
Drywell Seds-8	04/16/08	6.0-6.5	NA	61 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	6.1 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U
Septic System Piping																			
Piping-13(4.5-5.0)	04/16/08	4.5-5.0	0.0-0.5	59 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	5.9 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U
Piping-16(1.5-2.0)	04/25/08	1.5-2.0	0.0-0.5	58 U	12 U	1.2 U	1.2 U	NA	1.2 U	1.2 U	5.8 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U
MTCA Regulatory Criteria[1]				8,000,000[2]	1,900[3]	30	NE	NE	16,000[3]	130,000[3]	110,000[2]	NE	NE	NE	NE	7,700[3]	1,600,000[2]	NE	NE

Table 46
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 10
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)															
				2-Chloroethyl vinyl ether	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	1,2-Dibromo-3-chloropropane	Dibromochloromethane	1,2-Dibromoethane (EDB)	Dibromomethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dicloroethane	1,2-Dichloroethane (EDC)	1,1-Dichloroethene
Dry Well																			
Drywell-8(8.0-8.5)	04/16/08	8.0-8.5	2.0	58 U	5.8 U	1.2 U	1.2 U	1.2 U	5.8 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U
Drywell Seds-8	04/16/08	6.0-6.5	NA	61 U	6.1 U	1.2 U	1.2 U	1.2 U	6.1 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U
Septic System Piping																			
Piping-13(4.5-5.0)	04/16/08	4.5-5.0	0.0-0.5	59 U	5.9 U	1.2 U	1.2 U	1.2 U	5.9 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U
Piping-16(1.5-2.0)	04/25/08	1.5-2.0	0.0-0.5	58 U	5.8 U	1.2 U	1.2 U	1.2 U	5.8 U	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U
MTCA Regulatory Criteria[1]				NE	160,000[3]	77,000[3]	NE	NE	710[3]	12,000[3]	5.0	NE	7,200,000[2]	NE	42,000[3]	16,000,000[2]	8,000,000[2]	11,000[3]	4,000,000[2]

Table 46
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 10
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)														
				cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,1-Dichloropropene	1,3-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	2,2-Dichloropropane	Di-isopropyl ether	Ethanol	Ethylbenzene	Ethyl Tert-Butyl Ether	Hexachlorobutadiene	2-Hexanone	Isopropylbenzene
Drywell																		
Drywell-8(8.0-8.5)	04/16/08	8.0-8.5	2.0	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U
Drywell Seds-8	04/16/08	6.0-6.5	NA	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U
Septic System Piping																		
Piping-13(4.5-5.0)	04/16/08	4.5-5.0	0.0-0.5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U
Piping-16(1.5-2.0)	04/25/08	1.5-2.0	0.0-0.5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U
MTCA Regulatory Criteria[1]				800,000[2]	NE	15,000[3]	NE	NE	5,600[3]	5,600[3]	NE	NE	NE	6,000	NE	13,000[3]	NE	NE

Table 46
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 10
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)														
				p-Isopropyltoluene	2-Butanone (MEK)	4-Isopropyltoluene	Methanol	Methylene Chloride	4-Methyl-2-pentanone	Methyl tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	Tert-Butyl Alcohol	Tert-Amyl Methyl Ether	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoro
Septic Junction Box																		
Drywell-8(8.0-8.5)	04/16/08	8.0-8.5	2.0	1.2 U	12 U	NA	NA	5.8 U	12 U	1.2 U	5.8 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Drywell Seds-8	04/16/08	6.0-6.5	NA	1.2 U	12 U	NA	NA	6.1 U	12 U	1.2 U	6.1 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Septic System Piping																		
Piping-13(4.5-5.0)	04/16/08	4.5-5.0	0.0-0.5	1.2 U	12 U	NA	NA	5.9 U	12 U	1.2 U	5.9 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
Piping-16(1.5-2.0)	04/25/08	1.5-2.0	0.0-0.5	1.2 U	12 U	NA	NA	5.8 U	12 U	1.2 U	5.8 U	1.2 U	1.2 U	NA	NA	1.2 U	1.2 U	1.2 U
MTCA Regulatory Criteria[1]				NE	48,000,000[2]	NE	40,000,000[2]	20	NE	100	5,000	NE	33,000[3]	NE	NE	38,000[3]	5,000[3]	2,400,000,000[2]

Table 46
Soil Chemical Analytical Results
VOCs
The Village at Evergreen
Cleanup Action Area 10
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Depth of Sample Below Base of Septic Tank, Dry Well or Piping (feet)	VOCs by EPA Method 8260B/5035A and 8015M (µg/Kg)														
				Tetrachlorethene (PCE)	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene (TCE)	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2,3-Trimethylbenzene	1,3,5-Trimethybenzene	Vinyl chloride	m,p-Xylene	o-Xylene
Drywell																		
Drywell-8(8.0-8.5)	04/16/08	8.0-8.5	2.0	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.5 U	3.5 U
Drywell Seds-8	04/16/08	6.0-6.5	NA	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.6 U	3.6 U
Septic System Piping																		
Piping-13(4.5-5.0)	04/16/08	4.5-5.0	0.0-0.5	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.9 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.5 U	3.5 U
Piping-16(1.5-2.0)	04/25/08	1.5-2.0	0.0-0.5	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.5 U	3.5 U
MTCA Regulatory Criteria[1]				50.0	7,000	NE	800,000[2]	2,000	18,000[3]	30.0	24,000,000[2]	140[3]	4,000,000[2]	NE	4,000,000[2]	670[3]	9,000	

Notes:
1. All values are MTCA Method A cleanup levels, unless otherwise noted.
2. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
3. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.

U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 47
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 10
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																		
			Acenaphthene	Acenaphthylene	Anthracene	Benzidine	Benzo(a)anthracene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(g,h,i)perylene	Benzo (a) pyrene[1]	Bis(2-chlorethoxy)methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl)ether	4-Bromophenyl-phenylether	2-Chloronaphthalene	4-Chlorophenyl-phenylether	Chyrsene[1]	Dibenz(a,h)anthracene[1]	3,3-Dichlorobenzidine	2,4-Dinitrotoulene
Dry Well																					
Drywell-8(8.0-8.5)	04/16/08	8.0-8.5	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
Drywell Seds-8	04/16/08	6.0-6.5	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
Septic System Piping																					
Piping-13(4.5-5.0)	04/16/08	4.5-5.0	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Piping-16(1.5-2.0)	04/25/08	1.5-2.0	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
MTCA Regulatory Criteria[2]			4,800,000[3]	NE	24,000,000[3]	4.3[4]	100[5]	100[5]	100[5]	NE	100[5]	NE	910[4]	3,200,000[3]	NE	NE	NE	100[5]	100[5]	2,200[4]	160,000[3]

TABLE 47
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 10
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																	
			2,6-Dinitrotoulene	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachloro-1,3-butadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno (1,2,3-cd) pyrene[1]	Isophorone	Naphthalene	Nitrobenzene	n-Nitrosodimethylamine	n-Nitrosodiphenylamine	n-Nitrosodi-n-propylamine	Phenanthrene	Benzylbutyl phathalate	Bis(2-ethylhexyl)phthalate	Di-n-butyl phthalate
Dry Well																				
Drywell-8(8.0-8.5)	04/16/08	8.0-8.5	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
Drywell Seds-8	04/16/08	6.0-6.5	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
Septic System Piping																				
Piping-13(4.5-5.0)	04/16/08	4.5-5.0	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Piping-16(1.5-2.0)	04/25/08	1.5-2.0	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
MTCA Regulatory Criteria[2]			80,000[3]	3,200,000[3]	3,200,000[3]	630[4]	13,000[4]	480,000[3]	71,000[4]	100[5]	1,100,000[4]	5,000[3]	40,000[3]	20[4]	200,000[4]	140[4]	NE	16,000,000[3]	71,000[4]	8,000,000[3]

TABLE 47
Soil Chemical Analytical Results
SVOCs
The Village at Evergreen
Cleanup Action Area 10
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	SVOCs by EPA Method 8270C (µg/Kg)																	
			Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Pyrene	1,2,4-Trichlorobenzene	4-Chloro-3methylphenol	2-Chlorophenol	2-Methylphenol	3&4-methyl phenol	2,4-Dichlorophenol	2,4-Dimehtylphenol	4,6-Dinitro-2-methylphenol	2,4-Dinitrophenol	2-Nitrophenol	4-Nitrophenol	Pentachlorophenol	Phenol	2,4,6-Trichlorophenol
Dry Well																				
Drywell-8(8.0-8.5)	04/16/08	8.0-8.5	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
Drywell Seds-8	04/16/08	6.0-6.5	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
Septic System Piping																				
Piping-13(4.5-5.0)	04/16/08	4.5-5.0	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U	390 U
Piping-16(1.5-2.0)	04/25/08	1.5-2.0	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U
MTCA Regulatory Criteria[2]			64,000,000[3]	80,000,000[3]	1,600,000[3]	2,400,000[3]	800,000[3]	NE	400,000[3]	NE	NE	240,000[3]	1,600,000[3]	NE	160,000[3]	NE	NE	8,300[4]	48,000,000[3]	91,000[4]

Notes:
1 PAH is considered carcinogenic.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
4. MTCA Method B carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
5. MTCA Method A cleanup level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).
U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 48
Soil Chemical Analytical Results
PAHs
The Village at Evergreen
Cleanup Action Area 10
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	PAHs by EPA Method 8270C-SIM (µg/Kg)																
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene[1]	Benzo(a)pyrene[1]	Benzo(b)fluoranthene[1]	Benzo(k)fluoranthene[1]	Benzo(b+k)fluoranthene(s)	Benzo(g,h,i)perylene	Chrysene[1]	Dibenz(a,h)anthracene[1]	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene[1]	Naphthalene	Phenanthrene	Pyrene
Dry Well																			
Drywell-8(8.0-8.5)	04/16/08	8.0-8.5	33.2 U	33.2 U	33.2 U	33.2 U	33.2 U	33.2 U	33.2 U	NA	33.2 U	33.2 U	33.2 U	33.2 U	33.2 U	33.2 U	33.2 U	33.2 U	33.2 U
Drywell Seds-8	04/16/08	6.0-6.5	35.5 U	35.5 U	35.5 U	35.5 U	35.5 U	35.5 U	35.5 U	NA	35.5 U	35.5 U	35.5 U	35.5 U	35.5 U	35.5 U	35.5 U	35.5 U	35.5 U
Septic System Piping																			
Piping-13(4.5-5.0)	04/16/08	4.5-5.0	31.4 U	31.4 U	31.4 U	31.4 U	31.4 U	31.4 U	31.4 U	NA	31.4 U	31.4 U	31.4 U	31.4 U	31.4 U	31.4 U	31.4 U	31.4 U	31.4 U
Piping-16(1.5-2.0)	04/25/08	1.5-2.0	37.6 U	37.6 U	37.6 U	37.6 U	37.6 U	37.6 U	37.6 U	NA	37.6 U	37.6 U	37.6 U	37.6 U	37.6 U	37.6 U	37.6 U	37.6 U	37.6 U
MTCA Regulatory Criteria[2]			4,800,000[3]	NE	24,000,000[3]	100[4]	100[4]	100[4]	100[4]	NE	NE	100[4]	100[4]	3,200,000[3]	3,200,000[3]	100[4]	5,000	NE	2,400,000[3]

Notes:
1. PAH is considered carcinogenic.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
4. MTCA Method A cleanup level is based on direct contact exposure pathway. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).

U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 49
Soil Chemical Analytical Results
Total Metals
The Village at Evergreen
Cleanup Action Area 10
Vancouver, Washington

Sample Identification	Sample Date	Depth of Sample (feet BGS)	Total Metals by EPA Method 6020 (ICPMS)/7471/7196A (mg/Kg)								
			Arsenic	Cadmium	Total Chromium	Hexavalent Chromium	Copper	Lead	Tin	Zinc	Mercury
Dry Well											
Drywell-8(8.0-8.5)	04/16/08	8.0-8.5	**1.45**	1.36 U	**10.5**	NA	**28.8**	**8.48**	6.78 U	**64.0**	0.109 U
Drywell Seds-8	04/16/08	6.0-6.5	**1.12**	1.10 U	**8.00**	NA	**31.2**	**4.99**	5.51 U	**57.1**	0.0882 U
Septic System Piping											
Piping-13(4.5-5.0)	04/16/08	4.5-5.0	**3.39**	1.35 U	**8.93**	NA	**23.8**	**8.42**	6.76 U	**60.3**	0.108 U
Piping-16(1.5-2.0)	04/25/08	1.5-2.0	**2.83**	1.36 U	**18.8**	NA	**25.1**	**8.49**	6.78 U	**84.0**	0.108 U
MTCA Regulatory Criteria[2]			20	2	2,000	19	3,000[3]	250	48,000[3]	24,000[3]	2

Notes:
1. Soil represented by this sample was removed and transported off site for disposal at Hillsboro Landfill.
2. All values are MTCA Method A cleanup levels, unless otherwise noted.
3. MTCA Method B non-carcinogenic protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.

Bold: indicates analyte detection
U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 50
Summary of Groundwater Elevations
The Landing at Evergreen
Vancouver, Washington

Well I.D.	Date Measured	Well Casing Elevation[1] (feet)	Correction Factor[2] (feet)	Corrected Well Casing Elevation[3] (feet)	Depth to Groundwater[4] (feet)	Groundwater Elevation[5] (feet)
MW-1	07/06/05	100.59	206.24	306.83	165.79	141.04
	02/10/06				165.84	140.99
	08/03/06				165.77	141.06
	11/14/06				166.36	140.47
	05/12/08				163.59	143.24
MW-2	07/06/05	97.46	206.24	303.70	162.77	140.93
	02/10/06				162.79	140.91
	08/04/06				162.82	140.88
	11/14/06				163.35	140.35
	05/12/08				160.50	143.20
MW-3	07/06/05	98.23	206.24	304.47	163.33	141.14
	02/10/06				163.36	141.11
	08/03/06				163.34	141.13
	11/14/06				163.88	140.59
	5/12/2008				161.1	143.37

Notes:
1. Well casing elevations were surveyed on July 26, 2005 by licensed land surveyor Thurston and Associates, Inc. The casing elevations are relative to an assumed elevation of 100.00 feet above MSL.
2. A correction factor of 206.24 feet was determined by subtracting the topographic contour elevation of 305.00 feet (as shown near monitoring well MW-3 provided on the site drawing provided by KC Development) from the ground surface elevation at MW-3 (98.76 feet), as surveyed on July 26, 2005 by Thurston and Associates, Inc.
3. The corrected well casing elevation was calculated by adding the surveyed well casing elevation to the correction factor.
4. The depths to water were measured relative to the tops of the monitoring well casings.
5. Groundwater elevations were calculated by subtracting the water depths from the corrected well casing elevations.

TABLE 51
Groundwater Chemical Analytical Results
TPHs
The Landing at Evergreen
Vancouver, Washington

Sample I.D.	Date	Hydrocarbon Identification by Method NWTPH-HCID (mg/L)		
		Gasoline Range	Diesel Range	Heavy Oil Range
MW-1	07/06/05	0.278 U	0.700 U	0.700 U
	02/10/06	0.245 U	0.618 U	0.618 U
	08/03/06	0.238 U	0.600 U	0.600 U
	05/12/08	0.0990 U	0.248 U	0.495 U
MW-2	07/06/05	0.250 U	0.630 U	0.630 U
	02/10/06	0.250 U	0.630 U	0.630 U
	08/04/06	0.250 U	0.630 U	0.630 U
	05/12/08	0.100 U	0.250 U	0.500 U
MW-3	07/06/05	0.250 U	0.630 U	0.630 U
	02/10/06	0.248 U	0.624 U	0.624 U
	08/03/06	0.250 U	0.630 U	0.630 U
	05/12/08	0.102 U	0.255 U	0.510 U
MW-2-86	06/22/05	0.250 U	0.630 U	0.630 U
MTCA Method A Cleanup Level[1]		1.0	0.5	0.5

Notes:
1. MTCA Method A cleanup levels values unless otherwise noted.
U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 52
Groundwater Chemical Analytical Results
VOCs
The Landing at Evergreen
Vancouver, Washington

	VOCs by EPA Method 8260B (µg/L)													MTCA Regulatory Criteria[1] (µg/L)
Sample I.D.	MW-1				MW-2-86	MW-2				MW-3				
Date	07/06/05	02/10/06	08/03/06	05/12/08	06/22/05	07/06/05	02/10/06	08/04/06	05/12/08	07/06/05	02/10/06	08/03/06	05/12/08	
Acetone	25.0 U	25.0 U	25.0 U	20.0 U	25.0 U	25.0 U	25.0 U	25.0 U	20.0 U	25.0 U	25.0 U	25.0 U	20.0 U	800[2]
Benzene	1.00 U	0.400 U	0.400 U	0.250 U	1.00 U	1.00 U	0.400 U	0.400 U	0.250 U	1.00 U	0.400 U	0.400 U	0.250 U	5.0
Bromobenzene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	NE
Bromochloromethane	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	NE
Bromodichloromethane	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	0.71[2]
Bromoform	1.00 U	0.400 U	0.400 U	1.00 U	1.00 U	1.00 U	0.400 U	0.400 U	1.00 U	1.00 U	0.400 U	0.400 U	1.00 U	5.5[2]
Bromomethane	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	11[2]
2-Butanone	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	NE
n-Butylbenzene	5.00 U	5.00 U	5.00 U	1.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	5.00 U	5.00 U	5.00 U	1.00 U	NE
sec-Butylbenzene	1.00 U	0.400 U	0.400 U	1.00 U	1.00 U	1.00 U	0.400 U	0.400 U	1.00 U	1.00 U	0.400 U	0.400 U	1.00 U	NE
tert-Butylbenzene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	NE
Carbon Disulfide	10.0 U	2.00 U	2.00 U	NA	10.0 U	10.0 U	2.00 U	2.00 U	NA	10.0 U	2.00 U	2.00 U	NA	800[2]
Carbon Tetrachloride	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	0.34[2]
Chlorobenzene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	160[2]
Chloroethane	1.00 U	0.400 U	0.400 U	2.00 U	1.00 U	1.00 U	0.400 U	0.400 U	2.00 U	1.00 U	0.400 U	0.400 U	2.00 U	NE
Chloroform	1.00 U	0.400 U	0.400 U	2.00 U	1.00 U	1.00 U	0.400 U	0.400 U	2.00 U	1.00 U	0.400 U	0.400 U	2.00 U	7.2[2]
Chloromethane	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.4[2]
2-Chlorotoluene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	NE
4-Chlorotoluene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	NE
1,2-Dibromo-3chloropropane	5.00 U	2.00 U	2.00 U	2.00 U	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	2.00 U	2.00 U	0.031[2]
Dibromochloromethane	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	0.52[2]
1,2-Dibromoethane (EDB)	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	0.01
Dibromomethane	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	NE
1,2-Dichlorobenzene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	720[2]
1,3-Dichlorobenzene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	NE
1,4-Dichlorobenzene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	1.8[2]
Dichlorodifluoromethane	5.00 U	5.00 U	5.00 U	1.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1,600[2]
1,1-Dichloroethane	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	800[2]
1,2-Dichloroethane (EDC)	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	5
1,1-Dichloroethene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	400[2]

TABLE 52
Groundwater Chemical Analytical Results
VOCs
The Landing at Evergreen
Vancouver, Washington

	VOCs by EPA Method 8260B (µg/L)													MTCA Regulatory Criteria[1] (µg/L)
Sample I.D.	MW-1				MW-2-86	MW-2				MW-3				
Date	07/06/05	02/10/06	08/03/06	05/12/08	06/22/05	07/06/05	02/10/06	08/04/06	05/12/08	07/06/05	02/10/06	08/03/06	05/12/08	
cis-1,2-Dichoroethene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	80[2]
trans-1,2-Dichoroethene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	160[2]
1,2-Dichloropropane	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	0.64[2]
1,3-Dichloropropane	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	NE
2,2-Dichloropropane	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	NE
1,1-Dichloropropene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	NE
cis-1,3-Dichloropropene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	0.24[2]
trans-1,3-Dichloropropene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	
Ethylbenzene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	700
Hexachlorobutadiene	4.00 U	4.00 U	4.00 U	2.00 U	4.00 U	4.00 U	4.00 U	4.00 U	2.00 U	4.00 U	4.00 U	4.00 U	2.00 U	0.56[2]
2-Hexanone	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	NE
Isopropylbenzene	2.00 U	1.00 U	1.00 U	0.500 U	2.00 U	2.00 U	1.00 U	1.00 U	0.500 U	2.00 U	1.00 U	1.00 U	0.500 U	NE
p-Isopropylbenzene	2.00 U	1.00 U	1.00 U	0.500 U	2.00 U	2.00 U	1.00 U	1.00 U	0.500 U	2.00 U	1.00 U	1.00 U	0.500 U	NE
4-Methyl-2-pentanone	5.00 U	5.00 U	5.00 U	10.0 U	5.00 U	5.00 U	5.00 U	5.00 U	10.0 U	5.00 U	5.00 U	5.00 U	10.0 U	NE
Methyl tert-butyl ether	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	20
Methylene Chloride	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.0
Naphthalene	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	2.00 U	2.00 U	5.00 U	160
n-Propylbenzene	1.00 U	1.00 U	1.00 U	0.500 U	1.00 U	1.00 U	1.00 U	1.00 U	0.500 U	1.00 U	1.00 U	1.00 U	0.500 U	NE
Styrene	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	1.5[2]
1,1,1,2-Tetrachloroethane	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	1.7[2]
1,1,2,2-Tetrachloroethane	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	0.22[2]
Tretrachloroethane	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	5
Toluene	1.00 U	0.400 U	0.400 U	1.00 U	1.00 U	1.00 U	0.400 U	0.400 U	1.00 U	1.00 U	0.400 U	0.400 U	1.00 U	1,000
1,2,3-Trichlorobenzene	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	1.00 U	1.00 U	2.00 U	NE
1,2,4-Trichlorobenzene	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	1.00 U	1.00 U	2.00 U	80[2]
1,1,1-Trichoroethane	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	7,200[2]
1,1,2-Trichloroethane	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	0.77[2]
Trichloroethene (TCE)	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	5.0
Trichlorofluoromethane	1.00 U	0.400 U	0.400 U	1.00 U	1.00 U	1.00 U	0.400 U	0.400 U	1.00 U	1.00 U	0.400 U	0.400 U	1.00 U	2,400[2]
1,2,3-Trichloropropane	1.00 U	0.400 U	0.400 U	1.00 U	1.00 U	1.00 U	0.400 U	0.400 U	1.00 U	1.00 U	0.400 U	0.400 U	1.00 U	0.006[2]

TABLE 52
Groundwater Chemical Analytical Results
VOCs
The Landing at Evergreen
Vancouver, Washington

	VOCs by EPA Method 8260B (µg/L)													MTCA Regulatory Criteria[1] (µg/L)
Sample I.D.	MW-1				MW-2-86	MW-2				MW-3				
Date	07/06/05	02/10/06	08/03/06	05/12/08	06/22/05	07/06/05	02/10/06	08/04/06	05/12/08	07/06/05	02/10/06	08/03/06	05/12/08	
1,2,4-Trimethylbenzene	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	400[2]
1,3,5-Trimethylbenzene	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	400[2]
Vinyl Chloride	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	1.00 U	0.400 U	0.400 U	0.500 U	1.00 U	0.400 U	0.400 U	0.500 U	0.20
o-Xylene	1.00 U	1.00 U	1.00 U	0.500 U	1.00 U	1.00 U	1.00 U	1.00 U	0.500 U	1.00 U	1.00 U	1.00 U	0.500 U	1,000[2]
m,p-Xylene	2.00 U	2.00 U	2.00 U	1.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1.00 U	2.00 U	2.00 U	2.00 U	1.00 U	

Notes:
1. MTCA Method A cleanup levels unless otherwise noted.
2. MTCA Method B protective values. These values are concentrations that are protective of human health for potable ground water under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.

U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 53
Groundwater Chemical Analytical Results
SVOCs
The Landing at Evergreen
Vancouver, Washington

Sample I.D.	SVOCs by EPA Method 8270C (ug/L)									MTCA Regulatory Criteria[1] (µg/L)
	MW-1			MW-2			MW-3			
Date	02/10/06	08/03/06	05/12/08	02/10/06	08/04/06	05/12/08	02/10/06	08/03/06	05/12/08	
Acenaphthene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	960[2]
Acenaphthylene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	NE
Aniline	NA	NA	5 U	NA	NA	5 U	NA	NA	5 U	7.7[2]
Anthracene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	4,800[2]
Benzo(a)anthracene[3]	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	0.1[4]
Benzo(a)pyrene[3]	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	0.1[4]
Benzo(b)fluoranthene[3]	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	0.1[4]
Benzo(ghi)perylene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	NE
Benzo(k)fluoranthene[3]	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	0.1[4]
Benzoic Acid	48.5 U	48.5 U	25 U	51.0 U	50.0 U	25 U	48.5 U	48.1 U	25 U	64,000[2]
Benzyl alcohol	4.85 U	4.85 U	5 U	5.10 U	5.00 U	5 U	4.85 U	4.81 U	5 U	2,400[2]
4-Bromophenyl phenyl ether	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	NE
Butyl benzyl phthalate	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	3,200[2]
4-Chloro-3-methylphenol	1.94 U	1.94 U	5 U	2.04 U	2.00 U	5 U	1.94 U	1.92 U	5 U	NE
4-Chloroaniline	2.91 U	2.91 U	5 U	3.06 U	3.00 U	5 U	2.91 U	2.88 U	5 U	NE
Bis(2-chloroethoxy)methane	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	NE
Bis(2-chloroethyl)ether	1.94 U	1.94 U	5 U	2.04 U	2.00 U	5 U	1.94 U	1.92 U	5 U	0.04[2]
Bis(2-chloroisopropyl)ether	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	320[2]
2-Chloronapthalene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	640[2]
2-Chlorophenol	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	40[2]
4-Chlorophenyl phenyl ether	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	NE
Chrysene[3]	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	0.1[4]
Di-n-butyl phthalate	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	1,600[2]
Di-n-octyl phthalate	1.94 U	1.94 U	5 U	2.04 U	2.00 U	5 U	1.94 U	1.92 U	5 U	320[2]
Dibenzo(a,h)anthracene[3]	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	0.1[4]
Dibenzofuran	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	32[2]
1,2-Dichlorobenzene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	720[2]
1,2-Diphenylhydrazine	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U	0.11[2]
1,3-Dichlorobenzene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	NE
1,4-Dichlorobenzene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	1.8[2]
3,3'-Dichlorobenzidine	9.71 U	9.71 U	10 U	10.2 U	10.0 U	10 U	9.71 U	9.62 U	10 U	.19[2]
2,4-Dichlorophenol	2.91 U	2.91 U	5 U	3.06 U	3.00 U	5 U	2.91 U	2.88 U	5 U	24[2]

TABLE 53
Groundwater Chemical Analytical Results
SVOCs
The Landing at Evergreen
Vancouver, Washington

Sample I.D.	SVOCs by EPA Method 8270C (ug/L)									MTCA Regulatory Criteria[1] (µg/L)
	MW-1			MW-2			MW-3			
Date	02/10/06	08/03/06	05/12/08	02/10/06	08/04/06	05/12/08	02/10/06	08/03/06	05/12/08	
Diethyl phthalate	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	13,000[2]
2,4-Dimethylphenol	2.91 U	2.91 U	5 U	3.06 U	3.00 U	5 U	2.91 U	2.88 U	5 U	320[2]
Dimethyl phthalate	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	16,000[2]
4,6-Dinitro-2-methylphenol	14.6 U	14.6 U	25 U	15.3 U	15.0 U	25 U	14.6 U	14.4 U	25 U	NE
2,4-Dinitrophenol	24.3 U	24.3 U	25 U	25.5 U	25.0 U	25 U	24.3 U	24.0 U	25 U	32[2]
2,4-Dinitrotoluene	4.85 U	4.85 U	5 U	5.10 U	5.00 U	5 U	4.85 U	4.81 U	5 U	32[2]
2,6-Dinitrotoluene	4.85 U	4.85 U	5 U	5.10 U	5.00 U	5 U	4.85 U	4.81 U	5 U	16[2]
Bis(2-ethylhexyl)phthalate	9.71 U	9.71 U	5 U	10.2 U	10.0 U	5 U	9.71 U	9.62 U	5 U	6.3[2]
Fluoranthene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	640[2]
Fluorene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	640[2]
Hexachlorobenzene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	0.055[2]
Hexachlorobutadiene	1.94 U	1.94 U	5 U	2.04 U	1.00 U	5 U	1.94 U	1.92 U	5 U	0.56[2]
Hexachlorocycloopentadiene	4.85 U	4.85 U	5 U	5.10 U	5.00 U	5 U	4.85 U	4.81 U	5 U	48[2]
Hexachloroethane	1.94 U	1.94 U	5 U	2.04 U	2.00 U	5 U	1.94 U	1.92 U	5 U	3.1[2]
Indeno(1,2,3-cd)pyrene[3]	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	0.1[4]
Isophorone	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	46[2]
2-Methylnapthalene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	32[2]
2-Methylphenol	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	NE
3-,4-Methylphenol	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	NE
Naphthalene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	160[2]
2-Nitroanaline	4.85 U	4.85 U	25 U	5.10 U	5.00 U	25 U	4.85 U	4.81 U	25 U	NE
3-Nitroanaline	5.83 U	5.83 U	25 U	6.12 U	6.00 U	25 U	5.83 U	5.77 U	25 U	NE
4-Nitroanaline	4.85 U	4.85 U	25 U	5.10 U	5.00 U	25 U	4.85 U	4.81 U	25 U	NE
Nitrobenzene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.952 U	5 U	4[2]
2-Nitrophenol	4.85 U	4.85 U	5 U	5.10 U	5.00 U	5 U	4.85 U	4.81 U	5 U	1,000
4-Nitrophenol	4.85 U	4.85 U	25 U	5.10 U	5.00 U	25 U	4.85 U	4.81 U	25 U	NE
N-Nitrosodi-n-propylamine	1.94 U	1.94 U	5 U	2.04 U	2.00 U	5 U	1.94 U	1.92 U	5 U	NE
N-Nitrosodiphenylamine	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	NE
Pentachlorophenol	4.85 U	4.85 U	5 U	5.10 U	5.00 U	5 U	4.85 U	4.81 U	5 U	0.73[2]
Phenanthrene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	NE
Phenol	1.94 U	1.94 U	5 U	2.04 U	2.00 U	5 U	1.94 U	1.92 U	5 U	4,800[2]
Pyrene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	480[2]
Pyridine	NA	NA	5 U	NA	NA	5 U	NA	NA	5 U	400[2]

TABLE 53
Groundwater Chemical Analytical Results
SVOCs
The Landing at Evergreen
Vancouver, Washington

Sample I.D.	SVOCs by EPA Method 8270C (ug/L)									MTCA Regulatory Criteria[1] (µg/L)
	MW-1			MW-2			MW-3			
Date	02/10/06	08/03/06	05/12/08	02/10/06	08/04/06	05/12/08	02/10/06	08/03/06	05/12/08	
1,2,4-Trichlorobenzene	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	80[2]
2,4,5-Trichlorophenol	4.85 U	4.85 U	10 U	5.10 U	5.00 U	10 U	4.85 U	4.81 U	10 U	800[2]
2,4,6-Trichlorophenol	4.85 U	4.85 U	5 U	5.10 U	5.00 U	5 U	4.85 U	4.81 U	5 U	NE
Carbazole	0.971 U	0.971 U	5 U	1.02 U	1.00 U	5 U	0.971 U	0.962 U	5 U	4.38[2]

Notes:
1. MTCA Method A cleanup levels values unless otherwise noted.
2. MTCA Method B protective values. These values are concentrations that are protective of human health for potable ground water under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
3. PAH is considered carcinogenic.
4. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).

U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 54
Groundwater Chemical Analytical Results
PAHs
The Landing at Evergreen
Vancouver, Washington

	PAHs by EPA Method 8270M-SIM (µg/L)										MTCA Regulatory Criteria[1] (µg/L)
Sample I.D.	MW-1			MW-2			MW-2-86	MW-3			
Date	2/10/2006	8/3/2006	5/12/2008	2/10/2006	8/4/2006	5/12/2008	06/22/05	02/10/06	08/03/06	05/12/08	
Acenaphthene	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	960[2]
Acenaphthylene	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	NE
Anthracene	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	4,800[2]
Benzo(a)anthracene[3]	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	0.1[4]
Benzo(a)pyrene[3]	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	0.1[4]
Benzo(b)fluoranthene[3]	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	0.1[4]
Benzo(g,h,i)perylene	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	NE
Benzo(k)fluoranthene[3]	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	0.1[4]
Chrysene[3]	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	0.1[4]
Dibenz(a,h)anthracene[3]	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	0.1[4]
Fluoranthene	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	640[2]
Fluorene	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	640[2]
Indeno(1,2,3-cd)pyrene[3]	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	0.1[4]
Naphthalene	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	160
Phenanthrene	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	NE
Pyrene	0.0200 U	0.0189 U	0.0377 U	0.0204 U	0.0200 U	0.0381 U	0.100 U	0.0200 U	0.0200 U	0.0377 U	480[2]

Notes:
1. MTCA Method A cleanup levels values unless otherwise noted
2. MTCA Method B protective values. These values are concentrations that are protective of human health for potable ground water under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
3. PAH is considered carcinogenic.
4. The sum of all detected carcinogenic PAHs must meet this cleanup level using the toxicity equivalency methodology in WAC 173-340-708(8).

U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 55
Groundwater Chemical Analytical Results
Total and Dissolved Metals
The Landing at Evergreen
Vancouver, Washington

Sample I.D.	Date	Total Metals by EPA 6000/7000 Series Methods (mg/L)								Dissolved Metals by EPA 6000/7000 Series Methods (mg/L)							
		Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Tin	Zinc	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Tin	Zinc
MW-1	02/10/06	**0.00307**	0.00100 U	**0.0360**	**0.0401**	**0.00764**	0.00002 U	0.0200 U	**0.0853**	0.00100 U	0.00100 U	0.00239	0.00254	0.00100 U	0.00002 U	0.0200 U	0.00823
	08/03/06	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00002 U	0.100 U	0.0100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00002 U	0.100 U	0.0100 U
	11/14/06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/12/08	0.00100 U	0.00100 U	0.00100 U	0.00500 U	0.00100 U	0.000100 U	0.020 U	0.00500 U	0.00100 U	0.00100 U	0.00100 U	0.00500 U	0.00100 U	0.000100 U	0.020 U	0.00500 U
MW-2	02/10/06	**0.00415**	0.00100 U	**0.0815**	0.0884	**0.0151**	0.00002 U	0.0200 U	0.165	0.00100 U	0.00100 U	0.00100 U	0.00200 U	0.00100 U	0.00002 U	0.0200 U	0.00500 U
	08/04/06	0.00100 U	0.00100 U	0.00100 U	**0.00115**	0.00100 U	0.00002 U	0.100 U	0.0100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00002 U	0.100 U	0.0100 U
	11/14/06	0.00100 U	0.00100 U	0.00129	0.00203	0.00100 U	0.0002 U	0.0200 U	0.00500 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.0002 U	0.0200 U	0.00500 U
	05/12/08	0.00100 U	0.00100 U	0.00100 U	0.00500 U	0.00100 U	0.000100 U	0.020 U	0.00500 U	0.00100 U	0.00100 U	0.00100 U	0.00500 U	0.00100 U	0.000100 U	0.020 U	0.00500 U
MW-3	02/10/06	**0.00227**	0.00100 U	**0.0343**	**0.0603**	0.00888	0.00002 U	0.0200 U	0.113	0.00100 U	0.00100 U	0.00100 U	0.00200 U	0.00100 U	0.00002 U	0.0200 U	0.00500 U
	08/03/06	0.00100 U	0.00100 U	0.00100 U	**0.00107**	**0.00109**	0.00002 U	0.100 U	0.0100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00002 U	0.100 U	0.0100 U
	11/14/06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/12/08	0.00100 U	0.00100 U	0.00100 U	0.00500 U	0.00100 U	0.000100 U	0.020 U	**0.00572**	0.00100 U	0.00100 U	0.00100 U	0.00500 U	0.00100 U	0.000100 U	0.02	0.00500 U
MTCA Method A Cleanup Level[1]		0.005	0.005	0.05	0.59[2]	0.015	0.002	9.6[2]	4.8[2]	0.005	0.005	0.05	0.59[2]	0.015	0.002	9.6[2]	4.8[2]

Notes:
1. MTCA Method A cleanup levels values unless otherwise noted.
2. MTCA Method B protective values. These values are concentrations that are protective of human health for potable groundwater under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, and dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.

U: Not detected above the laboratory MRL. Each MRL is reported.
Bold: indicates analyte detection
Shading indicates analyte detected at a concentration greater than the MTCA Method A Cleanup Level

TABLE 56
Groundwater Chemical Analytical Results
Organochlorine Pesticides
The Village at Evergreen
Vancouver, Washington

Sample I.D.	Sample Date	Organochlorine Pesticides by EPA Method 8081A (µg/L)																					
		Aldrin	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC (Lindane)	alpha-Chlordane	gamma-Chlordane	4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin Aldehyde	Endrin Keytone	Heptachlor	Heptachlor Epoxide	Methoxychlor	Chlordane (Technical)	Toxaphene
MW-1	05/12/08	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.5 U	1 U
MW-2	05/12/08	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.5 U	1 U
MW-3	05/12/08	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.5 U	1 U
MTCA Regulatory Criteria[1]		0.24[2]/0.0026[3]	NE	NE	NE	4.8[2]/0.067[3]	NE	NE	0.36[3]	0.26[3]	8.0[2]/0.26[3]	0.80[2]/0.0055[3]	96[2]		NE	4.8[2]	NE	NE	8.0[2]/0.019[3]	0.1[2]/0.0048[3]	8.0[2]	8.0[2]/0.25[3]	0.08[3]

Notes:
1. All values are MTCA Method A cleanup levels, unless otherwise noted.
2. MTCA Method B non-carcinogen protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.
3. MTCA Method B carinogen protective values. These values are concentrations that are protective of human health for soil ingestion under Standard Method B using the equations and default values provided in the regulation. These values are not cleanup levels and do not take into consideration applicable state and federal laws, ecological impacts, dermal contact as part of the direct contact pathway, the vapor pathway, total site risk, natural background concentrations, or practical quantitation limits.

U: Not detected above the laboratory MRL. Each MRL is reported.

TABLE 57
Groundwater Chemical Analytical Results
PCBs
The Landing at Evergreen
Vancouver, Washington

Sample I.D.	Date	PCBs by EPA Method 8082 (µg/L)						
		Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
MW-2-86	06/22/05	0.727 U	1.45 U	0.727 U	0.727 U	0.727 U	0.727 U	0.727 U
MW-1	02/10/06	0.0980 U	0.196 U	0.0980 U	0.0980 U	0.0980 U	0.0980 U	0.0980 U
	08/03/06	0.485 U	0.971 U	0.485 U	0.485 U	0.485 U	0.485 U	0.485 U
	05/12/08	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-2	02/10/06	0.0990 U	0.198 U	0.0990 U	0.0990 U	0.0990 U	0.0990 U	0.0990 U
	08/04/06	0.500 U	1.00 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
	05/12/08	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-3	02/10/06	0.100 U	0.200 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U
	08/03/06	0.485 U	0.971 U	0.485 U	0.485 U	0.485 U	0.485 U	0.485 U
	05/12/08	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MTCA Method A Cleanup Level[1]		0.1						

Notes:
1. MTCA 2006 Method A cleanup levels values unless otherwise noted. This cleanup level is a total value for all PCBs.
U: Not detected above the laboratory MRL. Each MRL is reported.