

TABLE D-13

## RBDMSVOCs IN GROUND WATER

Remedial Investigation/Feasibility Study  
Astoria Area-Wide Petroleum Site  
Astoria, Oregon

Locator ID	Sample ID	Sample Date	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-1(F)	MW-1-082302	8/23/2002	0.0811	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-1(F)	MW-1-082302	8/23/2002						
MW-1(F)	MW-1(F)	10/22/2003	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-1(F)	MW-1(F)	10/22/2003						
MW-1(F)	MW-1 (F)	1/15/2004	0.186	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-1(F)	MW-1 (F)	1/15/2004						
MW-1(F)	MW-1(F)	4/15/2004	0.112	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-1(F)	MW-1(F)	4/15/2004						
MW-1(F)	MW-1 (F)	7/20/2004	0.102	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-1(F)	MW-1 (F)	7/20/2004						
MW-2(M)	MW-2(M)	6/19/2003	1.44	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-2(M)	MW-2(M)	6/19/2003						
MW-2(M)	MW-2 (M)	10/15/2003	0.638	0.0568	0.01 U	0.01 U	0.01 U	0.01 U
MW-2(M)	MW-2 (M)	10/15/2003						
MW-2(M)	MW-2 (M)	1/12/2004	0.54	0.1 U	0.02 U	0.02 U	0.02 U	0.02 U
MW-2(M)	MW-2 (M)	1/12/2004						
MW-2(M)	MW-2(M)	4/14/2004	0.644	0.5 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-2(M)	MW-2(M)	4/14/2004						
MW-2(M)	MW-2 (M)	7/22/2004	1.41	0.5 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-2(M)	MW-2 (M)	7/22/2004						
MW-6(M)	MW-6(M)	6/19/2003	0.214	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-6(M)	MW-6(M)	6/19/2003						
MW-6(M)	MW-6(M)	10/22/2003	0.146	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-6(M)	MW-6(M)	10/22/2003						
MW-6(M)	MW-6 (M)	1/12/2004	0.167	0.05 U	0.011	0.01 U	0.01 U	0.01 U
MW-6(M)	MW-6 (M)	1/12/2004						
MW-6(M)	MW-6 (M)	4/13/2004	0.153	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-6(M)	MW-6 (M)	4/13/2004						
MW-6(M)	MW-6 (M)	7/19/2004	0.228	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-6(M)	MW-6 (M)	7/19/2004						
MW-7(M)	BM-7(M)	6/19/2003	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-7(M)	BM-7(M)	6/19/2003						
MW-7(M)	MW-7(M)	6/19/2003	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-7(M)	MW-7(M)	6/19/2003						
MW-7(M)	MW-7(M)	10/13/2003	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-7(M)	MW-7(M)	10/13/2003						
MW-7(M)	MW-7 (M)	1/12/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-7(M)	MW-7 (M)	1/12/2004						

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Astoria, Oregon

Locator ID	Sample ID	Sample Date	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-7(M)	MW-7 (M)	4/12/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-7(M)	MW-7 (M)	4/12/2004						
MW-7(M)	MW-7 (M)	7/19/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-7(M)	MW-7 (M)	7/19/2004						
MW-10(M)	MW-10(M)	6/19/2003	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-10(M)	MW-10(M)	6/19/2003						
MW-10(M)	MW-10 (M)	10/15/2003	0.28	0.05 U	0.0475	0.069	0.0625	0.0548
MW-10(M)	MW-10 (M)	10/15/2003						
MW-10(M)	MW-10 (M)	1/13/2004	1 U	0.05 U	0.0114	0.0105	0.0124	0.01 U
MW-10(M)	MW-10 (M)	1/13/2004						
MW-10(M)	MW-10 (M)	4/13/2004	0.375	0.1 U	0.02 U	0.02 U	0.02 U	0.02 U
MW-10(M)	MW-10 (M)	4/13/2004						
MW-10(M)	MW-10 (M)	7/19/2004	0.365	0.05 U	0.0147	0.0111	0.0118	0.0106
MW-10(M)	MW-10 (M)	7/19/2004						
MW-11(M)	MW-11(M)	6/19/2003	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-11(M)	MW-11(M)	6/19/2003						
MW-11(M)	MW-11 (M)	10/15/2003	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-11(M)	MW-11 (M)	10/15/2003						
MW-11(M)	MW-11 (M)	1/13/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-11(M)	MW-11 (M)	1/13/2004						
MW-11(M)	MW-11 (M)	4/13/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-11(M)	MW-11 (M)	4/13/2004						
MW-11(M)	MW-11 (M)	7/21/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.015 U
MW-11(M)	MW-11 (M)	7/21/2004						
MW-12(A)	MW-12(A)	10/22/2003	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-12(A)	MW-12(A)	10/22/2003						
MW-12(A)	MW-12 (A)	1/15/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-12(A)	MW-12 (A)	1/15/2004						
MW-12(A)	MW-12(A)	4/16/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-12(A)	MW-12(A)	4/16/2004						
MW-12(A)	MW-12 (A)	7/22/2004	0.05 U	0.05 U	0.0139	0.01 U	0.0102	0.015
MW-12(A)	MW-12 (A)	7/22/2004						
MW-13(A)	MW-13(A)	10/22/2003	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-13(A)	MW-13(A)	10/22/2003						
MW-13(A)	MW-13 (A)	1/15/2004	0.1 U	0.1 U	0.02 U	0.02 U	0.02 U	0.02 U
MW-13(A)	MW-13 (A)	1/15/2004						
MW-13(A)	MW-13(A)	4/16/2004	0.1 U	0.1 U	0.02 U	0.02 U	0.02 U	0.02 U

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MW-13(A)	MW-13(A)	4/16/2004						
MW-13(A)	MW-13 (A)	7/22/2004	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-13(A)	MW-13 (A)	7/22/2004						
MW-14(A)	MW-14(A)	10/21/2003	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-14(A)	MW-14(A)	10/21/2003						
MW-14(A)	MW-14 (A)	1/15/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-14(A)	MW-14 (A)	1/15/2004						
MW-14(A)	MW-14(A)	4/16/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-14(A)	MW-14(A)	4/16/2004						
MW-14(A)	MW-14 (A)	7/23/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-14(A)	MW-14 (A)	7/23/2004						
MW-15(A)	MW-15(A)	10/20/2003	0.0916	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-15(A)	MW-15(A)	10/20/2003						
MW-16(A)	MW-16(A)	10/20/2003	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-16(A)	MW-16(A)	10/20/2003						
MW-16(A)	MW-16(A)	1/19/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-16(A)	MW-16(A)	1/19/2004						
MW-16(A)	MW-16(A)	4/15/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-16(A)	MW-16(A)	4/15/2004						
MW-16(A)	MW-16 (A)	7/22/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-16(A)	MW-16 (A)	7/22/2004						
MW-17 (A)	BM-17 (A)	7/22/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-17 (A)	BM-17 (A)	7/22/2004						
MW-17(A)	MW-17 (A)	10/17/2003	0.0612	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-17(A)	MW-17 (A)	10/17/2003						
MW-17(A)	BM-17(A)	1/19/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-17(A)	BM-17(A)	1/19/2004						
MW-17(A)	MW-17(A)	1/19/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-17(A)	MW-17(A)	1/19/2004						
MW-17(A)	MW-17(A)	4/15/2004	0.0532	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-17(A)	MW-17(A)	4/15/2004						
MW-17(A)	MW-17 (A)	7/22/2004	0.0864	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-17(A)	MW-17 (A)	7/22/2004						
MW-18(A)	MW-18(A)	10/21/2003	0.517	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-18(A)	MW-18(A)	10/21/2003						
MW-18(A)	MW-18(A)	1/19/2004	0.632	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-18(A)	MW-18(A)	1/19/2004						

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Locator ID	Sample ID	Sample Date	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-18(A)	MW-18(A)	4/15/2004	0.312	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-18(A)	MW-18(A)	4/15/2004						
MW-18(A)	MW-18 (A)	7/21/2004	0.428	0.05 U	0.01 U	0.01 U	0.01 U	0.02 U
MW-18(A)	MW-18 (A)	7/21/2004						
MW-19(A)	BM-19(A)	10/20/2003	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-19(A)	BM-19(A)	10/20/2003						
MW-19(A)	MW-19(A)	10/20/2003	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-19(A)	MW-19(A)	10/20/2003						
MW-19(A)	MW-19 (A)	1/13/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-19(A)	MW-19 (A)	1/13/2004						
MW-19(A)	MW-19(A)	4/15/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-19(A)	MW-19(A)	4/15/2004						
MW-19(A)	BM-19 (A)	7/20/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-19(A)	BM-19 (A)	7/20/2004						
MW-19(A)	MW-19 (A)	7/20/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-19(A)	MW-19 (A)	7/20/2004						
MW-20(A)	MW-20(A)	10/20/2003	0.318	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-20(A)	MW-20(A)	10/20/2003						
MW-20(A)	MW-20 (A)	1/13/2004	0.345	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-20(A)	MW-20 (A)	1/13/2004						
MW-20(A)	MW-20(A)	4/15/2004	0.184	0.1 U	0.02 U	0.02 U	0.02 U	0.02 U
MW-20(A)	MW-20(A)	4/15/2004						
MW-20(A)	MW-20 (A)	7/20/2004	0.306	0.1 U	0.02 U	0.02 U	0.02 U	0.02 U
MW-20(A)	MW-20 (A)	7/20/2004						
MW-21(A)	MW-21(A)	10/20/2003	0.224	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-21(A)	MW-21(A)	10/20/2003						
MW-21(A)	BM-21 (A)	1/13/2004	0.253	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-21(A)	BM-21 (A)	1/13/2004						
MW-21(A)	MW-21 (A)	1/13/2004	0.185	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-21(A)	MW-21 (A)	1/13/2004						
MW-21(A)	MW-21(A)	4/16/2004	0.5 U	0.5 U	0.02 U	0.02 U	0.02 U	0.02 U
MW-21(A)	MW-21(A)	4/16/2004						
MW-21(A)	MW-21 (A)	7/20/2004	0.318	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-21(A)	MW-21 (A)	7/20/2004						

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			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-22(A)	MW-22 (A)	10/16/2003	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-22(A)	MW-22 (A)	10/16/2003						
MW-22(A)	MW-22(A)	1/19/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-22(A)	MW-22(A)	1/19/2004						
MW-22(A)	MW-22(A)	4/15/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-22(A)	MW-22(A)	4/15/2004						
MW-22(A)	MW-22 (A)	7/20/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-22(A)	MW-22 (A)	7/20/2004						
MW-23(A)	MW-23(A)	10/20/2003	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-23(A)	MW-23(A)	10/20/2003						
MW-23(A)	MW-23 (A)	1/15/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-23(A)	MW-23 (A)	1/15/2004						
MW-23(A)	BM-23(A)	4/15/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-23(A)	BM-23(A)	4/15/2004						
MW-23(A)	MW-23(A)	4/15/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-23(A)	MW-23(A)	4/15/2004						
MW-23(A)	MW-23 (A)	7/20/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-23(A)	MW-23 (A)	7/20/2004						
MW-24(A)	MW-24(A)	10/21/2003	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-24(A)	MW-24(A)	10/21/2003						
MW-24(A)	MW-24 (A)	1/15/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-24(A)	MW-24 (A)	1/15/2004						
MW-24(A)	MW-24(A)	4/14/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-24(A)	MW-24(A)	4/14/2004						
MW-24(A)	MW-24 (A)	7/22/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.015 U
MW-24(A)	MW-24 (A)	7/22/2004						
MW-26(A)	MW-26 (A)	10/17/2003	5 U	5 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-26(A)	MW-26 (A)	10/17/2003						
MW-26(A)	MW-26 (A)	1/15/2004	0.0687	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-26(A)	MW-26 (A)	1/15/2004						
MW-26(A)	MW-26(A)	4/14/2004	0.0548	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-26(A)	MW-26(A)	4/14/2004						
MW-26(A)	MW-26 (A)	7/22/2004	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26(A)	MW-26 (A)	7/22/2004						
MW-27(A)	MW-27(A)	10/21/2003	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-27(A)	MW-27(A)	10/21/2003						
MW-27(A)	MW-27 (A)	1/14/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U

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			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-27(A)	MW-27 (A)	1/14/2004						
MW-27(A)	MW-27 (A)	4/14/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-27(A)	MW-27 (A)	4/14/2004						
MW-27(A)	MW-27 (A)	7/22/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-27(A)	MW-27 (A)	7/22/2004						
MW-28(A)	MW-28 (A)	10/17/2003	5 U	5 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-28(A)	MW-28 (A)	10/17/2003						
MW-28(A)	MW-28 (A)	1/19/2004	0.0548	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-28(A)	MW-28 (A)	1/19/2004						
MW-28(A)	MW-28 (A)	4/14/2004	0.0555	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-28(A)	MW-28 (A)	4/14/2004						
MW-28(A)	MW-28 (A)	7/23/2004	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-28(A)	MW-28 (A)	7/23/2004						
MW-29(A)	MW-29(A)	10/21/2003	0.0959	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-29(A)	MW-29(A)	10/21/2003						
MW-29(A)	MW-29(A)	1/19/2004	0.126	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-29(A)	MW-29(A)	1/19/2004						
MW-29(A)	MW-29(A)	4/16/2004	0.1 U	0.1 U	0.02 U	0.02 U	0.02 U	0.02 U
MW-29(A)	MW-29(A)	4/16/2004						
MW-29(A)	MW-29 (A)	7/22/2004	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-29(A)	MW-29 (A)	7/22/2004						
MW-30(A)	MW-30 (A)	10/16/2003	0.0531	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-30(A)	MW-30 (A)	10/16/2003						
MW-30(A)	MW-30 (A)	1/16/2004	0.0751	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-30(A)	MW-30 (A)	1/16/2004						
MW-30(A)	MW-30 (A)	4/13/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-30(A)	MW-30 (A)	4/13/2004						
MW-30(A)	MW-30 (A)	7/20/2004	0.0744	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-30(A)	MW-30 (A)	7/20/2004						

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## RBDMSVOCs IN GROUND WATER

Remedial Investigation/Feasibility Study  
Astoria Area-Wide Petroleum Site  
Astoria, Oregon

Locator ID	Sample ID	Sample Date	Acenaphthene ug/L	Anthracene ug/L	Benzo(a) anthracene ug/L	Benzo(a)pyrene ug/L	Benzo(b) fluoranthene ug/L	Benzo(k) fluoranthene ug/L
MW-31(A)	BM-31 (A)	10/16/2003	0.0594	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-31(A)	BM-31 (A)	10/16/2003						
MW-31(A)	MW-31 (A)	10/16/2003	0.0661	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-31(A)	MW-31 (A)	10/16/2003						
MW-31(A)	MW-31 (A)	1/12/2004	0.096	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-31(A)	MW-31 (A)	1/12/2004						
MW-31(A)	BM-31 (A)	4/13/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-31(A)	BM-31 (A)	4/13/2004						
MW-31(A)	MW-31 (A)	4/13/2004	0.1 U	0.1 U	0.02 U	0.02 U	0.02 U	0.02 U
MW-31(A)	MW-31 (A)	4/13/2004						
MW-31(A)	MW-31 (A)	7/20/2004	0.0652	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-31(A)	MW-31 (A)	7/20/2004						
MW-32(A)	MW-32(A)	10/14/2003	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-32(A)	MW-32(A)	10/14/2003						
MW-32(A)	MW-32 (A)	1/12/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-32(A)	MW-32 (A)	1/12/2004						
MW-32(A)	MW-32 (A)	4/13/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-32(A)	MW-32 (A)	4/13/2004						
MW-32(A)	MW-32 (A)	7/19/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-32(A)	MW-32 (A)	7/19/2004						
MW-33(A)	MW-33(A)	10/14/2003	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-33(A)	MW-33(A)	10/14/2003						
MW-33(A)	MW-33 (A)	1/12/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-33(A)	MW-33 (A)	1/12/2004						
MW-33(A)	MW-33 (A)	4/13/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-33(A)	MW-33 (A)	4/13/2004						
MW-33(A)	MW-33 (A)	7/19/2004	0.0528	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-33(A)	MW-33 (A)	7/19/2004						
MW-34(A)	MW-34(A)	10/14/2003	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-34(A)	MW-34(A)	10/14/2003						
MW-34(A)	MW-34 (A)	1/13/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-34(A)	MW-34 (A)	1/13/2004						
MW-34(A)	MW-34 (A)	4/14/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-34(A)	MW-34 (A)	4/14/2004						
MW-34(A)	MW-34 (A)	7/20/2004	0.05 U	0.05 U	0.0262	0.01 U	0.0267	0.0261
MW-34(A)	MW-34 (A)	7/20/2004						

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## RBDMSVOCs IN GROUND WATER

Remedial Investigation/Feasibility Study  
Astoria Area-Wide Petroleum Site  
Astoria, Oregon

Locator ID	Sample ID	Sample Date	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-35(A)	MW-35 (A)	10/16/2003	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-35(A)	MW-35 (A)	10/16/2003						
MW-35(A)	MW-35 (A)	1/16/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-35(A)	MW-35 (A)	1/16/2004						
MW-35(A)	MW-35 (A)	4/13/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-35(A)	MW-35 (A)	4/13/2004						
MW-35(A)	MW-35 (A)	7/20/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-35(A)	MW-35 (A)	7/20/2004						
MW-36(A)	MW-36(A)	10/21/2003	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-36(A)	MW-36(A)	10/21/2003						
MW-36(A)	MW-36 (A)	1/14/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-36(A)	MW-36 (A)	1/14/2004						
MW-36(A)	MW-36 (A)	4/14/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-36(A)	MW-36 (A)	4/14/2004						
MW-36(A)	MW-36 (A)	7/22/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-36(A)	MW-36 (A)	7/22/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-36(A)	MW-36 (A)	7/22/2004						
MW-37(A)	MW-37 (A)	10/17/2003	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-37(A)	MW-37 (A)	10/17/2003						
MW-38(A)	MW-38(A)	10/21/2003	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-38(A)	MW-38(A)	10/21/2003						
MW-38(A)	MW-38 (A)	1/14/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-38(A)	MW-38 (A)	1/14/2004						
MW-38(A)	MW-38 (A)	4/14/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-38(A)	MW-38 (A)	4/14/2004						
MW-38(A)	MW-38 (A)	7/22/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.02 U	0.02 U
MW-38(A)	MW-38 (A)	7/22/2004						
MW-39(A)	MW-39 (A)	10/16/2003	1.04	0.137	0.01 U	0.01 U	0.01 U	0.01 U
MW-39(A)	MW-39 (A)	10/16/2003						
MW-39(A)	MW-39 (A)	1/16/2004	0.598	0.0715	0.01 U	0.01 U	0.01 U	0.01 U
MW-39(A)	MW-39 (A)	1/16/2004						
MW-39(A)	MW-39 (A)	4/14/2004	0.462	0.0707	0.01 U	0.01 U	0.01 U	0.01 U
MW-39(A)	MW-39 (A)	4/14/2004						
MW-39(A)	MW-39 (A)	7/21/2004	1.4	0.156	0.01 U	0.01 U	0.01 U	0.01 U
MW-39(A)	MW-39 (A)	7/21/2004						
MW-39(A)	Trip Blank	7/21/2004						
MW-39(A)	Trip Blank	7/22/2004						

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## RBDMSVOCs IN GROUND WATER

Remedial Investigation/Feasibility Study  
Astoria Area-Wide Petroleum Site  
Astoria, Oregon

Locator ID	Sample ID	Sample Date	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-40(A)	MW-40 (A)	10/17/2003	0.727	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-40(A)	MW-40 (A)	10/17/2003						
MW-40(A)	MW-40(A)	1/20/2004	0.553	0.1 U	0.02 U	0.02 U	0.02 U	0.02 U
MW-40(A)	MW-40(A)	1/20/2004						
MW-40(A)	MW-40(A)	4/16/2004	0.822	0.2 U	0.04 U	0.04 U	0.04 U	0.04 U
MW-40(A)	MW-40(A)	4/16/2004						
MW-41(A)	MW-41(A)	10/14/2003	2.45	1.25 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-41(A)	MW-41(A)	10/14/2003						
MW-42(A)	MW-42 (A)	10/15/2003	1.1	0.0893	0.01 U	0.01 U	0.01 U	0.01 U
MW-42(A)	MW-42 (A)	10/15/2003						
MW-43(A)	MW-43(A)	10/13/2003	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-43(A)	MW-43(A)	10/13/2003						
MW-43(A)	MW-43 (A)	1/12/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-43(A)	MW-43 (A)	1/12/2004						
MW-43(A)	MW-43 (A)	4/13/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-43(A)	MW-43 (A)	4/13/2004						
MW-43(A)	MW-43 (A)	7/21/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-43(A)	MW-43 (A)	7/21/2004						
MW-44(A)	MW-44 (A)	10/17/2003	0.194	0.08 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-44(A)	MW-44 (A)	10/17/2003						
MW-45(A)	MW-45 (A)	10/16/2003	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-45(A)	MW-45 (A)	10/16/2003						
MW-45(A)	MW-45 (A)	1/16/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-45(A)	MW-45 (A)	1/16/2004						
MW-45(A)	MW-45 (A)	4/14/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-45(A)	MW-45 (A)	4/14/2004						
MW-45(A)	MW-45 (A)	7/21/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-45(A)	MW-45 (A)	7/21/2004						

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## RBDMSVOCs IN GROUND WATER

Remedial Investigation/Feasibility Study  
Astoria Area-Wide Petroleum Site  
Astoria, Oregon

Locator ID	Sample ID	Sample Date	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-46(A)	MW-46(A)	10/14/2003	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-46(A)	MW-46(A)	10/14/2003						
MW-46(A)	MW-46(A)	1/14/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-46(A)	MW-46(A)	1/14/2004						
MW-46(A)	MW-46 (A)	4/12/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-46(A)	MW-46 (A)	4/12/2004						
MW-46(A)	MW-46 (A)	7/21/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-46(A)	MW-46 (A)	7/21/2004						
MW-47(A)	MW-47(A)	10/13/2003	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-47(A)	MW-47(A)	10/13/2003						
MW-47(A)	MW-47 (A)	1/14/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-47(A)	MW-47 (A)	1/14/2004						
MW-47(A)	MW-47 (A)	4/12/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-47(A)	MW-47 (A)	4/12/2004						
MW-47(A)	MW-47 (A)	7/21/2004	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-47(A)	MW-47 (A)	7/21/2004						
MW-48(A)	MW-48(A)	10/14/2003	0.362	0.05 U	0.0127	0.01 U	0.01 U	0.01 U
MW-48(A)	MW-48(A)	10/14/2003						
MW-48(A)	MW-48 (A)	1/14/2004	0.176	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
MW-48(A)	MW-48 (A)	1/14/2004						
MW-48(A)	MW-48 (A)	4/12/2004	0.117	0.05 U	0.0109	0.0104	0.0105	0.01 U
MW-48(A)	MW-48 (A)	4/12/2004						
MW-48(A)	MW-48 (A)	7/21/2004	0.201	0.05 U	0.0243	0.0177	0.0202	0.0176
MW-48(A)	MW-48 (A)	7/21/2004						
R-1(M)	R-1(M)	10/22/2003	0.0873	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
R-1(M)	R-1(M)	10/22/2003						
TW-100(C)	SB100(C)W	8/22/2002	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-100(C)	SB100(C)W	8/22/2002						
TW-103(C)	SB103(C)W	8/22/2002						
TW-104(C)	SB104(C)W	8/22/2002						

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## RBDMSVOCs IN GROUND WATER

Remedial Investigation/Feasibility Study  
Astoria Area-Wide Petroleum Site  
Astoria, Oregon

Locator ID	Sample ID	Sample Date	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
TW-200(C)	SB200(C)W	8/22/2002	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-200(C)	SB200(C)W	8/22/2002						
TW-201(C)	SB201(C)W	8/22/2002	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-201(C)	SB201(C)W	8/22/2002						
TW-202(C)	SB202(C)W	8/22/2002	0.157	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-202(C)	SB202(C)W	8/22/2002						
TW-203(C)	SB203(C)W	8/22/2002	1.09	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-203(C)	SB203(C)W	8/22/2002						
TW-204(C)	SB204(C)W	8/22/2002	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-204(C)	SB204(C)W	8/22/2002						
TW-204(C)	SB204(C)W2	8/22/2002	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-204(C)	SB204(C)W2	8/22/2002						
TW-304(D)	SB-304-D-9.0	8/19/2002	5 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-304(D)	SB-304-D-9.0 D	8/19/2002	5 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-305(D)	SB-305-D-9.0	8/19/2002	7.37	50 U	0.5 U	0.5 U	0.5 U	0.5 U
TW-305(D)	SB-305-D-9.0	8/19/2002						
TW-306(D)	SB-306-D-9.0	8/19/2002	0.622	0.14	0.05 U	0.01 U	0.01 U	0.01 U
TW-307(D)	SB-307-D-9.0	8/19/2002	5 U	5 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-309(D)	SB-309-D-9.0	8/19/2002	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-309(D)	SB-309-D-9.0	8/19/2002						
TW-311(D)	SB-311-D-10.0	8/19/2002	0.0567	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-312(D)	SB-312-D-10.0	8/19/2002	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-312(D)	SB-312-D-10.0	8/19/2002						
TW-313(D)	TW-313-D-22.0	8/20/2002	0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U
TW-314(D)	TW-314-D-22.0	8/20/2002	0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U
TW-318(D)	TW-318-D-22.0	8/20/2002	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-318(D)	TW-318-D-22.0	8/20/2002						
TW-319(D)	SB-319-D-14.0	8/19/2002	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-400(F)	TW-400(F)	8/22/2002	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-600(N)	TW-600(N)	9/13/2002	0.195	0.05 U	0.25 U	0.25 U	0.25 U	0.25 U
TW-600(N)	TW-600(N)	9/13/2002						
TW-601(N)	TW-601(N)	9/13/2002	0.191	0.05 U	2.5 U	0.01 U	0.01 U	0.01 U
TW-601(N)	TW-601(N)	9/13/2002						

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## RBDMSVOCs IN GROUND WATER

Remedial Investigation/Feasibility Study  
Astoria Area-Wide Petroleum Site  
Astoria, Oregon

Locator ID	Sample ID	Sample Date	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
TW-602(N)	BT-602(N)	9/13/2002	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-602(N)	BT-602(N)	9/13/2002						
TW-602(N)	TW-602(N)	9/13/2002	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-602(N)	TW-602(N)	9/13/2002						
TW-603(N)	TW-603(N)	9/13/2002	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-603(N)	TW-603(N)	9/13/2002						
TW-608(N)	TW-608 (N)	9/13/2002	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-608(N)	TW-608 (N)	9/13/2002						
TW-612(N)	TW-612(N)	9/12/2002	1.15	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
TW-612(N)	TW-612(N)	9/12/2002						
TW-616(N)	TW-616(N)	9/12/2002	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-616(N)	TW-616(N)	9/12/2002						
TW-619(N)	TW-619(N)	9/12/2002	0.142	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-619(N)	TW-619(N)	9/12/2002						
TW-623(N)	TW-623(N)	9/12/2002	0.37	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-623(N)	TW-623(N)	9/12/2002						
TW-624(N)	TW-624(N)	9/12/2002	5 U	5 U	5 U	5 U	5 U	5 U
TW-624(N)	TW-624(N)	9/12/2002						
TW-625(N)	BT-625(N)	9/12/2002	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-625(N)	TW-625(N)	9/12/2002	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-700(P)	TW-700(P)	8/21/2002	1 U J	1 U J	1 U J	1 U J	1 U J	1 U J
TW-700(P)	TW-700(P)	8/21/2002						
TW-701(P)	TW-701(P)	8/20/2002						
TW-702(P)	TW-702(P)	8/21/2002	0.05 U J	0.05 U J	0.01 U J	0.01 U J	0.01 U J	0.01 U J
TW-702(P)	TW-702(P)	8/21/2002						
TW-703(P)	TW-703(P)	8/21/2002						
TW-704(P)	TW-704(P)	8/21/2002						
TW-705(P)	TW-705(P)	8/20/2002	0.0571 U J	0.0571 U J	0.0114 U J	0.0114 U J	0.0114 U J	0.0114 U J
TW-706(P)	TW-706(P)	8/21/2002						
TW-707(P)	TW-707(P)	8/21/2002						
TW-708(P)	BT-708(P)	8/20/2002	2 U J	2 U J	2 U J	0.01 U J	0.01 U J	0.01 U J
TW-708(P)	BT-708(P)	8/20/2002						
TW-708(P)	TW-708(P)	8/20/2002	2.5 U J	2.5 U J	2.5 U J	2.5 U J	2.5 U J	2.5 U J
TW-708(P)	TW-708(P)	8/20/2002						

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## RBDMSVOCs IN GROUND WATER

Remedial Investigation/Feasibility Study  
Astoria Area-Wide Petroleum Site  
Astoria, Oregon

Locator ID	Sample ID	Sample Date	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
TW-709(P)	TW-709(P)	8/21/2002						
TW-710(P)	TW-710(P)	8/21/2002	0.05 U J	0.05 U J	0.01 U J	0.01 U J	0.01 U J	0.01 U J
TW-710(P)	TW-710(P)	8/21/2002						
TW-711(P)	BT-711(P)	8/21/2002						
TW-711(P)	TW-711(P)	8/21/2002						
TW-712(P)	TW-712(P)	8/21/2002	0.05 U J	0.05 U J	0.01 U J	0.01 U J	U J	0.01 U J
TW-712(P)	TW-712(P)	8/21/2002						
TW-714(P)	TW-714(P)	8/21/2002	1.55 J	2.5 U J	2.5 U J	2.5 U J	2.5 U J	2.5 U J
TW-714(P)	TW-714(P)	8/21/2002						
TW-716(P)	TW-716(P)	8/20/2002	0.05 U J	0.05 U J	0.01 U J	0.01 U J	0.01 U J	0.01 U J
TW-716(P)	TW-716(P)	8/20/2002						
TW-717(P)	TW-717(P)	8/20/2002	0.2 U J	0.2 U J	0.2 U J	0.01 U J	0.01 U J	0.01 U J
TW-717(P)	TW-717(P)	8/20/2002						
TW-718(P)	TW-718(P)	8/21/2002	0.05 U J	0.05 U J	0.01 U J	0.01 U J	0.01 U J	0.01 U J
TW-718(P)	TW-718(P)	8/21/2002						
TW-719(P)	BT-719(P)	8/23/2002	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-719(P)	BT-719(P)	8/23/2002						
TW-719(P)	TW-719(P)	8/23/2002	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-719(P)	TW-719(P)	8/23/2002						
TW-720(P)	TW-720(P)	8/23/2002	5 U	0.0894	0.05 U	0.05 U	0.05 U	0.05 U
TW-720(P)	TW-720(P)	8/23/2002						
TW-900(S)	SB-900(TW)	8/26/2002	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-901(S)	SB-901(TW)	8/26/2002	1 U	1 U	1 U	1 U	1 U	1 U
TW-901(S)	SB-901(TW)	8/26/2002						
TW-902(S)	SB-902(TW)	8/26/2002	1.03	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TW-903(S)	SB-903(TW)	8/26/2002	1.53	0.103 J	0.2 U	0.2 U	0.2 U	0.2 U
TW-903(S)	SB-903(TW)	8/26/2002						
TW-904(S)	SB-904(TW)	8/26/2002	0.87	0.0657 J	0.1 U	0.1 U	0.1 U	0.1 U
TW-904(S)	SB-904(TW)	8/26/2002						
TW-905(S)	SB-905(TW)	8/26/2002						
TW-906(S)	SB-906(TW)	8/27/2002	0.153	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-906(S)	SB-906(TW)	8/27/2002						
TW-908(S)	SB-908(TW)	8/27/2002	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-908(S)	SB-908(TW)	8/27/2002						
TW-909(S)	SB-909(TW)	8/27/2002	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-910(S)	SB-910(TW)	8/26/2002	0.591	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
TW-911(S)	SB-911(TW)	8/27/2002	0.363 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TW-911(S)	SB-911(TW)	8/27/2002						

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## RBDMSVOCs IN GROUND WATER

Remedial Investigation/Feasibility Study  
Astoria Area-Wide Petroleum Site  
Astoria, Oregon

Locator ID	Sample ID	Sample Date	Chrysene ug/L	Dibenzo(a,h) anthracene ug/L	Fluoranthene ug/L	Fluorene ug/L	Indeno(1,2,3-cd) pyrene ug/L	Naphthalene ug/L	Pyrene ug/L
MW-1(F)	MW-1-082302	8/23/2002	0.01 U	0.01 U	0.05 U	0.12	0.01 U	2 U	0.05 U
MW-1(F)	MW-1-082302	8/23/2002						0.1 U	
MW-1(F)	MW-1(F)	10/22/2003	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U B	0.05 U
MW-1(F)	MW-1(F)	10/22/2003						0.947	
MW-1(F)	MW-1 (F)	1/15/2004	0.01 U	0.01 U	0.05 U	0.209	0.01 U	0.3 J	0.05 U
MW-1(F)	MW-1 (F)	1/15/2004						1.5 U	
MW-1(F)	MW-1(F)	4/15/2004	0.01 U	0.01 U	0.05 U	0.134	0.01 U	0.72 J	0.05 U
MW-1(F)	MW-1(F)	4/15/2004						2.3 U	
MW-1(F)	MW-1 (F)	7/20/2004	0.01 U	0.01 U	0.05 U	0.0967	0.01 U	1.25 U	0.05 U
MW-1(F)	MW-1 (F)	7/20/2004						2.05	
MW-2(M)	MW-2(M)	6/19/2003	0.5 U	1 U	0.5 U	2.16	0.5 U	656	0.5 U
MW-2(M)	MW-2(M)	6/19/2003						524	
MW-2(M)	MW-2 (M)	10/15/2003	0.01 U	0.01 U	0.0693	1.33	0.01 U	125	0.051
MW-2(M)	MW-2 (M)	10/15/2003						89.4	
MW-2(M)	MW-2 (M)	1/12/2004	0.02 U	0.02 U	0.1 U	0.78	0.02 U	4.08	0.1 U
MW-2(M)	MW-2 (M)	1/12/2004						3.42	
MW-2(M)	MW-2(M)	4/14/2004	0.1 U	0.1 U	0.5 U	0.88	0.1 U	334	0.5 U
MW-2(M)	MW-2(M)	4/14/2004						143	
MW-2(M)	MW-2 (M)	7/22/2004	0.1 U	0.1 U	0.5 U	1.83	0.1 U	132	0.5 U
MW-2(M)	MW-2 (M)	7/22/2004						179	
MW-6(M)	MW-6(M)	6/19/2003	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	2 U	0.1 U
MW-6(M)	MW-6(M)	6/19/2003						0.1 U	
MW-6(M)	MW-6(M)	10/22/2003	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-6(M)	MW-6(M)	10/22/2003						0.05 U	
MW-6(M)	MW-6 (M)	1/12/2004	0.013	0.01 U	0.05 U	0.05 U	0.01 U	0.05 U	0.05 U
MW-6(M)	MW-6 (M)	1/12/2004						0.4	
MW-6(M)	MW-6 (M)	4/13/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-6(M)	MW-6 (M)	4/13/2004						0.05 U	
MW-6(M)	MW-6 (M)	7/19/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-6(M)	MW-6 (M)	7/19/2004						0.05 U	
MW-7(M)	BM-7(M)	6/19/2003	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	2 U	0.1 U
MW-7(M)	BM-7(M)	6/19/2003						0.1 U	
MW-7(M)	MW-7(M)	6/19/2003	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	2 U	0.1 U
MW-7(M)	MW-7(M)	6/19/2003						0.1 U	
MW-7(M)	MW-7(M)	10/13/2003	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-7(M)	MW-7(M)	10/13/2003						0.05 U	
MW-7(M)	MW-7 (M)	1/12/2004	0.0104	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-7(M)	MW-7 (M)	1/12/2004						0.05 U	

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## RBDMSVOCs IN GROUND WATER

Remedial Investigation/Feasibility Study  
Astoria Area-Wide Petroleum Site  
Astoria, Oregon

Locator ID	Sample ID	Sample Date	Chrysene ug/L	Dibenzo(a,h) anthracene ug/L	Fluoranthene ug/L	Fluorene ug/L	Indeno(1,2,3-cd) pyrene ug/L	Naphthalene ug/L	Pyrene ug/L
MW-7(M)	MW-7 (M)	4/12/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-7(M)	MW-7 (M)	4/12/2004						0.05 U	
MW-7(M)	MW-7 (M)	7/19/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.26 J	0.05 U
MW-7(M)	MW-7 (M)	7/19/2004						0.0868	
MW-10(M)	MW-10(M)	6/19/2003	0.5 U	1 U	0.5 U	2 U	0.5 U	20.6	0.5 U
MW-10(M)	MW-10(M)	6/19/2003						16.3	
MW-10(M)	MW-10 (M)	10/15/2003	0.0554	0.0172	0.0655	0.238	0.0408	65.3	0.0589
MW-10(M)	MW-10 (M)	10/15/2003						12	
MW-10(M)	MW-10 (M)	1/13/2004	0.0144	0.01 U	0.05 U	1 U	0.01 U	3 U	0.05 U
MW-10(M)	MW-10 (M)	1/13/2004						1.64	
MW-10(M)	MW-10 (M)	4/13/2004	0.02 U	0.02 U	0.1 U	0.187	0.02 U	5.07	0.1 U
MW-10(M)	MW-10 (M)	4/13/2004						5 U	
MW-10(M)	MW-10 (M)	7/19/2004	0.0133	0.01 U	0.05 U	0.154	0.01 U	2.57	0.05 U
MW-10(M)	MW-10 (M)	7/19/2004						2.5 U	
MW-11(M)	MW-11(M)	6/19/2003	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	2 U	0.1 U
MW-11(M)	MW-11(M)	6/19/2003						0.35 U	
MW-11(M)	MW-11 (M)	10/15/2003	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.66 J	0.05 U
MW-11(M)	MW-11 (M)	10/15/2003						0.4 U	
MW-11(M)	MW-11 (M)	1/13/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.325 U	0.05 U
MW-11(M)	MW-11 (M)	1/13/2004						2 U	
MW-11(M)	MW-11 (M)	4/13/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.25 U	0.05 U
MW-11(M)	MW-11 (M)	4/13/2004						0.51 J	
MW-11(M)	MW-11 (M)	7/21/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-11(M)	MW-11 (M)	7/21/2004						0.11 U	
MW-12(A)	MW-12(A)	10/22/2003	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U B	0.05 U
MW-12(A)	MW-12(A)	10/22/2003						0.05 U	
MW-12(A)	MW-12 (A)	1/15/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.05 U	0.05 U
MW-12(A)	MW-12 (A)	1/15/2004						2 U	
MW-12(A)	MW-12(A)	4/16/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.0873	0.05 U
MW-12(A)	MW-12(A)	4/16/2004						2 U	
MW-12(A)	MW-12 (A)	7/22/2004	0.0144	0.01 U	0.05 U	0.05 U	0.01 U	0.0584	0.05 U
MW-12(A)	MW-12 (A)	7/22/2004						2 U	
MW-13(A)	MW-13(A)	10/22/2003	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	122	0.05 U
MW-13(A)	MW-13(A)	10/22/2003						65.4	
MW-13(A)	MW-13 (A)	1/15/2004	0.02 U	0.02 U	0.1 U	0.1 U	0.02 U	75.7	0.1 U
MW-13(A)	MW-13 (A)	1/15/2004						223	
MW-13(A)	MW-13(A)	4/16/2004	0.02 U	0.02 U	0.1 U	0.1 U	0.02 U	282	0.1 U

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## RBDMSVOCs IN GROUND WATER

Remedial Investigation/Feasibility Study  
Astoria Area-Wide Petroleum Site  
Astoria, Oregon

Locator ID	Sample ID	Sample Date	Chrysene ug/L	Dibenzo(a,h) anthracene ug/L	Fluoranthene ug/L	Fluorene ug/L	Indeno(1,2,3-cd) pyrene ug/L	Naphthalene ug/L	Pyrene ug/L
MW-13(A)	MW-13(A)	4/16/2004						94.5	
MW-13(A)	MW-13 (A)	7/22/2004	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	118	0.5 U
MW-13(A)	MW-13 (A)	7/22/2004						122	
MW-14(A)	MW-14(A)	10/21/2003	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U B	0.05 U
MW-14(A)	MW-14(A)	10/21/2003						0.977	
MW-14(A)	MW-14 (A)	1/15/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.19 J	0.05 U
MW-14(A)	MW-14 (A)	1/15/2004						0.05 U	
MW-14(A)	MW-14(A)	4/16/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.05 U	0.05 U
MW-14(A)	MW-14(A)	4/16/2004						2 U	
MW-14(A)	MW-14 (A)	7/23/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-14(A)	MW-14 (A)	7/23/2004						0.0668	
MW-15(A)	MW-15(A)	10/20/2003	0.01 U	0.01 U	0.05 U	0.0941	0.01 U	2.11 J,B	0.05 U
MW-15(A)	MW-15(A)	10/20/2003						1.28	
MW-16(A)	MW-16(A)	10/20/2003	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U B	0.05 U
MW-16(A)	MW-16(A)	10/20/2003						0.35 U	
MW-16(A)	MW-16(A)	1/19/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.28 J	0.05 U
MW-16(A)	MW-16(A)	1/19/2004						0.15 U	
MW-16(A)	MW-16(A)	4/15/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.86 J	0.05 U
MW-16(A)	MW-16(A)	4/15/2004						0.45 U	
MW-16(A)	MW-16 (A)	7/22/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.74	0.05 U
MW-16(A)	MW-16 (A)	7/22/2004						0.49 J	
MW-17 (A)	BM-17 (A)	7/22/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.68 J	0.05 U
MW-17 (A)	BM-17 (A)	7/22/2004						0.246	
MW-17(A)	MW-17 (A)	10/17/2003	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2.37	0.05 U
MW-17(A)	MW-17 (A)	10/17/2003						4.88	
MW-17(A)	BM-17(A)	1/19/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	19.5	0.05 U
MW-17(A)	BM-17(A)	1/19/2004						0.125 U	
MW-17(A)	MW-17(A)	1/19/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	19	0.05 U
MW-17(A)	MW-17(A)	1/19/2004						0.25 U	
MW-17(A)	MW-17(A)	4/15/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	15.6	0.05 U
MW-17(A)	MW-17(A)	4/15/2004						5.04	
MW-17(A)	MW-17 (A)	7/22/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.649	0.05 U
MW-17(A)	MW-17 (A)	7/22/2004						0.66 J	
MW-18(A)	MW-18(A)	10/21/2003	0.01 U	0.01 U	0.05 U	0.22	0.01 U	4 U B	0.05 U
MW-18(A)	MW-18(A)	10/21/2003						0.44	
MW-18(A)	MW-18(A)	1/19/2004	0.01 U	0.01 U	0.05 U	0.39	0.01 U	1.53 J	0.05 U
MW-18(A)	MW-18(A)	1/19/2004						0.688	

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## RBDMSVOCs IN GROUND WATER

Remedial Investigation/Feasibility Study  
Astoria Area-Wide Petroleum Site  
Astoria, Oregon

Locator ID	Sample ID	Sample Date	Chrysene ug/L	Dibenzo(a,h) anthracene ug/L	Fluoranthene ug/L	Fluorene ug/L	Indeno(1,2,3-cd) pyrene ug/L	Naphthalene ug/L	Pyrene ug/L
MW-18(A)	MW-18(A)	4/15/2004	0.01 U	0.01 U	0.05 U	0.197	0.01 U	0.119	0.05 U
MW-18(A)	MW-18(A)	4/15/2004						0.99 J	
MW-18(A)	MW-18 (A)	7/21/2004	0.01 U	0.01 U	0.05 U	0.113	0.01 U	0.52 J	0.05 U
MW-18(A)	MW-18 (A)	7/21/2004						0.483	
MW-19(A)	BM-19(A)	10/20/2003	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-19(A)	BM-19(A)	10/20/2003						0.05 U	
MW-19(A)	MW-19(A)	10/20/2003	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-19(A)	MW-19(A)	10/20/2003						0.05 U	
MW-19(A)	MW-19 (A)	1/13/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.05 U	0.05 U
MW-19(A)	MW-19 (A)	1/13/2004						2 U	
MW-19(A)	MW-19(A)	4/15/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.128	0.05 U
MW-19(A)	MW-19(A)	4/15/2004						2 U	
MW-19(A)	BM-19 (A)	7/20/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.168	0.05 U
MW-19(A)	BM-19 (A)	7/20/2004						0.92 J	
MW-19(A)	MW-19 (A)	7/20/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	1.09 J	0.05 U
MW-19(A)	MW-19 (A)	7/20/2004						0.15	
MW-20(A)	MW-20(A)	10/20/2003	0.01 U	0.01 U	0.05 U	0.434	0.01 U	11.1	0.05 U
MW-20(A)	MW-20(A)	10/20/2003						3.93	
MW-20(A)	MW-20 (A)	1/13/2004	0.01 U	0.01 U	0.05 U	0.527	0.01 U	9.6	0.05 U
MW-20(A)	MW-20 (A)	1/13/2004						36.5	
MW-20(A)	MW-20(A)	4/15/2004	0.02 U	0.02 U	0.1 U	0.312	0.02 U	0.8 U	0.1 U
MW-20(A)	MW-20(A)	4/15/2004						1.94	
MW-20(A)	MW-20 (A)	7/20/2004	0.02 U	0.02 U	0.1 U	0.504	0.02 U	2.77	0.1 U
MW-20(A)	MW-20 (A)	7/20/2004						5.12	
MW-21(A)	MW-21(A)	10/20/2003	0.01 U	0.01 U	0.05 U	0.327	0.01 U	3.04	0.05 U
MW-21(A)	MW-21(A)	10/20/2003						1.83	
MW-21(A)	BM-21 (A)	1/13/2004	0.01 U	0.01 U	0.05 U	0.374	0.01 U	1.75	0.05 U
MW-21(A)	BM-21 (A)	1/13/2004						3.76	
MW-21(A)	MW-21 (A)	1/13/2004	0.01 U	0.01 U	0.05 U	0.256	0.01 U	0.765	0.05 U
MW-21(A)	MW-21 (A)	1/13/2004						4.01	
MW-21(A)	MW-21(A)	4/16/2004	0.02 U	0.02 U	0.5 U	0.5 U	0.02 U	1.27	0.1 U
MW-21(A)	MW-21(A)	4/16/2004						1.11 J	
MW-21(A)	MW-21 (A)	7/20/2004	0.01 U	0.01 U	0.05 U	0.516	0.01 U	2.96	0.05 U
MW-21(A)	MW-21 (A)	7/20/2004						2.09	

TABLE D-13

## RBDMSVOCs IN GROUND WATER

Remedial Investigation/Feasibility Study  
Astoria Area-Wide Petroleum Site  
Astoria, Oregon

Locator ID	Sample ID	Sample Date	Chrysene ug/L	Dibenzo(a,h) anthracene ug/L	Fluoranthene ug/L	Fluorene ug/L	Indeno(1,2,3-cd) pyrene ug/L	Naphthalene ug/L	Pyrene ug/L
MW-22(A)	MW-22 (A)	10/16/2003	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2.61	0.05 U
MW-22(A)	MW-22 (A)	10/16/2003						40.5	
MW-22(A)	MW-22(A)	1/19/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-22(A)	MW-22(A)	1/19/2004						0.0931	
MW-22(A)	MW-22(A)	4/15/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.0757	0.05 U
MW-22(A)	MW-22(A)	4/15/2004						0.32	
MW-22(A)	MW-22 (A)	7/20/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.93	0.05 U
MW-22(A)	MW-22 (A)	7/20/2004						0.81 J	
MW-23(A)	MW-23(A)	10/20/2003	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.0617	0.05 U
MW-23(A)	MW-23(A)	10/20/2003						2 U	
MW-23(A)	MW-23 (A)	1/15/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.225 U	0.05 U
MW-23(A)	MW-23 (A)	1/15/2004						2 U	
MW-23(A)	BM-23(A)	4/15/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	1.21	0.05 U
MW-23(A)	BM-23(A)	4/15/2004						7.47	
MW-23(A)	MW-23(A)	4/15/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	9.17	0.05 U
MW-23(A)	MW-23(A)	4/15/2004						1.14	
MW-23(A)	MW-23 (A)	7/20/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-23(A)	MW-23 (A)	7/20/2004						0.0525	
MW-24(A)	MW-24(A)	10/21/2003	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.05 U	0.05 U
MW-24(A)	MW-24(A)	10/21/2003						2 U B	
MW-24(A)	MW-24 (A)	1/15/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	114	0.05 U
MW-24(A)	MW-24 (A)	1/15/2004						44.6	
MW-24(A)	MW-24(A)	4/14/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	20.8	0.05 U
MW-24(A)	MW-24(A)	4/14/2004						40.9	
MW-24(A)	MW-24 (A)	7/22/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	23	0.05 U
MW-24(A)	MW-24 (A)	7/22/2004						13.4	
MW-26(A)	MW-26 (A)	10/17/2003	0.01 U	0.01 U	5 U	5 U	0.01 U	280	0.05 U
MW-26(A)	MW-26 (A)	10/17/2003						107	
MW-26(A)	MW-26 (A)	1/15/2004	0.01 U	0.01 U	0.05 U	0.0718	0.01 U	564	0.05 U
MW-26(A)	MW-26 (A)	1/15/2004						1030	
MW-26(A)	MW-26(A)	4/14/2004	0.01 U	0.01 U	0.05 U	0.0595	0.01 U	801	0.05 U
MW-26(A)	MW-26(A)	4/14/2004						464	
MW-26(A)	MW-26 (A)	7/22/2004	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U	869	2.5 U
MW-26(A)	MW-26 (A)	7/22/2004						534	
MW-27(A)	MW-27(A)	10/21/2003	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-27(A)	MW-27(A)	10/21/2003						0.158	
MW-27(A)	MW-27 (A)	1/14/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U

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## RBDMSVOCs IN GROUND WATER

Remedial Investigation/Feasibility Study  
Astoria Area-Wide Petroleum Site  
Astoria, Oregon

Locator ID	Sample ID	Sample Date	Chrysene ug/L	Dibenzo(a,h) anthracene ug/L	Fluoranthene ug/L	Fluorene ug/L	Indeno(1,2,3-cd) pyrene ug/L	Naphthalene ug/L	Pyrene ug/L
MW-27(A)	MW-27 (A)	1/14/2004						0.0512	
MW-27(A)	MW-27 (A)	4/14/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.0763	0.05 U
MW-27(A)	MW-27 (A)	4/14/2004						2 U	
MW-27(A)	MW-27 (A)	7/22/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-27(A)	MW-27 (A)	7/22/2004						0.125 U	
MW-28(A)	MW-28 (A)	10/17/2003	0.01 U	0.01 U	5 U	5 U	0.01 U	157	0.05 U
MW-28(A)	MW-28 (A)	10/17/2003						112	
MW-28(A)	MW-28(A)	1/19/2004	0.01 U	0.01 U	0.05 U	0.076	0.01 U	398	0.05 U
MW-28(A)	MW-28(A)	1/19/2004						78.4	
MW-28(A)	MW-28(A)	4/14/2004	0.01 U	0.01 U	0.05 U	0.0763	0.01 U	118	0.05 U
MW-28(A)	MW-28(A)	4/14/2004						66.9	
MW-28(A)	MW-28 (A)	7/23/2004	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	68.6	0.5 U
MW-28(A)	MW-28 (A)	7/23/2004						113	
MW-29(A)	MW-29(A)	10/21/2003	0.01 U	0.01 U	0.05 U	0.0811	0.01 U	1340	0.05 U
MW-29(A)	MW-29(A)	10/21/2003						1640	
MW-29(A)	MW-29(A)	1/19/2004	0.0125	0.01 U	0.05 U	0.101	0.01 U	1310	0.05 U
MW-29(A)	MW-29(A)	1/19/2004						867	
MW-29(A)	MW-29(A)	4/16/2004	0.02 U	0.02 U	0.1 U	0.1 U	0.02 U	1000	0.1 U
MW-29(A)	MW-29(A)	4/16/2004						806	
MW-29(A)	MW-29 (A)	7/22/2004	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U	1360	2.5 U
MW-29(A)	MW-29 (A)	7/22/2004						1040	
MW-30(A)	MW-30 (A)	10/16/2003	0.01 U	0.01 U	0.05 U	0.0569	0.01 U	531	0.05 U
MW-30(A)	MW-30 (A)	10/16/2003						1130	
MW-30(A)	MW-30 (A)	1/16/2004	0.01 U	0.01 U	0.05 U	0.0613	0.01 U	1200	0.05 U
MW-30(A)	MW-30 (A)	1/16/2004						696	
MW-30(A)	MW-30 (A)	4/13/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	1030	0.05 U
MW-30(A)	MW-30 (A)	4/13/2004						381	
MW-30(A)	MW-30 (A)	7/20/2004	0.01 U	0.01 U	0.05 U	0.0577	0.01 U	1240	0.05 U
MW-30(A)	MW-30 (A)	7/20/2004						1130	

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## RBDMSVOCs IN GROUND WATER

Remedial Investigation/Feasibility Study  
Astoria Area-Wide Petroleum Site  
Astoria, Oregon

Locator ID	Sample ID	Sample Date	Chrysene ug/L	Dibenzo(a,h) anthracene ug/L	Fluoranthene ug/L	Fluorene ug/L	Indeno(1,2,3-cd) pyrene ug/L	Naphthalene ug/L	Pyrene ug/L
MW-31(A)	BM-31 (A)	10/16/2003	0.01 U	0.01 U	0.05 U	0.0515	0.01 U	15.3 J	0.05 U
MW-31(A)	BM-31 (A)	10/16/2003						8.36	
MW-31(A)	MW-31 (A)	10/16/2003	0.01 U	0.01 U	0.05 U	0.0582	0.01 U	10	0.05 U
MW-31(A)	MW-31 (A)	10/16/2003						16.2	
MW-31(A)	MW-31 (A)	1/12/2004	0.01 U	0.01 U	0.05 U	0.0661	0.01 U	9.96	0.05 U
MW-31(A)	MW-31 (A)	1/12/2004						13.5	
MW-31(A)	BM-31 (A)	4/13/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	116	0.05 U
MW-31(A)	BM-31 (A)	4/13/2004						67.6	
MW-31(A)	MW-31 (A)	4/13/2004	0.02 U	0.02 U	0.1 U	0.1 U	0.02 U	64.1	0.1 U
MW-31(A)	MW-31 (A)	4/13/2004						145	
MW-31(A)	MW-31 (A)	7/20/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	167	0.05 U
MW-31(A)	MW-31 (A)	7/20/2004						191	
MW-32(A)	MW-32(A)	10/14/2003	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-32(A)	MW-32(A)	10/14/2003						0.05 U	
MW-32(A)	MW-32 (A)	1/12/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.05 U	0.05 U
MW-32(A)	MW-32 (A)	1/12/2004						2 U	
MW-32(A)	MW-32 (A)	4/13/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.075 U	0.05 U
MW-32(A)	MW-32 (A)	4/13/2004						2 U	
MW-32(A)	MW-32 (A)	7/19/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-32(A)	MW-32 (A)	7/19/2004						0.05 U	
MW-33(A)	MW-33(A)	10/14/2003	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-33(A)	MW-33(A)	10/14/2003						0.07 U	
MW-33(A)	MW-33 (A)	1/12/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.175 U B	0.05 U
MW-33(A)	MW-33 (A)	1/12/2004						0.19 J	
MW-33(A)	MW-33 (A)	4/13/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-33(A)	MW-33 (A)	4/13/2004						0.65 U	
MW-33(A)	MW-33 (A)	7/19/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-33(A)	MW-33 (A)	7/19/2004						0.825 U	
MW-34(A)	MW-34(A)	10/14/2003	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-34(A)	MW-34(A)	10/14/2003						0.0623	
MW-34(A)	MW-34 (A)	1/13/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.116	0.05 U
MW-34(A)	MW-34 (A)	1/13/2004						2 U	
MW-34(A)	MW-34 (A)	4/14/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.162	0.05 U
MW-34(A)	MW-34 (A)	4/14/2004						2 U	
MW-34(A)	MW-34 (A)	7/20/2004	0.0306	0.0111	0.05 U	0.05 U	0.012	2 U	0.05 U
MW-34(A)	MW-34 (A)	7/20/2004						0.05 U	

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## RBDMSVOCs IN GROUND WATER

Remedial Investigation/Feasibility Study  
Astoria Area-Wide Petroleum Site  
Astoria, Oregon

Locator ID	Sample ID	Sample Date	Chrysene ug/L	Dibenzo(a,h) anthracene ug/L	Fluoranthene ug/L	Fluorene ug/L	Indeno(1,2,3-cd) pyrene ug/L	Naphthalene ug/L	Pyrene ug/L
MW-35(A)	MW-35 (A)	10/16/2003	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	1.04 J	0.05 U
MW-35(A)	MW-35 (A)	10/16/2003						0.124	
MW-35(A)	MW-35 (A)	1/16/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.31 J	0.05 U
MW-35(A)	MW-35 (A)	1/16/2004						0.349	
MW-35(A)	MW-35 (A)	4/13/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.05 U	0.05 U
MW-35(A)	MW-35 (A)	4/13/2004						2 U	
MW-35(A)	MW-35 (A)	7/20/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-35(A)	MW-35 (A)	7/20/2004						0.05 U	
MW-36(A)	MW-36(A)	10/21/2003	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-36(A)	MW-36(A)	10/21/2003						0.05 U	
MW-36(A)	MW-36 (A)	1/14/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.68 J	0.05 U
MW-36(A)	MW-36 (A)	1/14/2004						0.05 U	
MW-36(A)	MW-36 (A)	4/14/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.84 J	0.05 U
MW-36(A)	MW-36 (A)	4/14/2004						0.214	
MW-36(A)	MW-36 (A)	7/22/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.05 U	0.05 U
MW-36(A)	MW-36 (A)	7/22/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.05 U	0.05 U
MW-36(A)	MW-36 (A)	7/22/2004						2 U	
MW-37(A)	MW-37 (A)	10/17/2003	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	21.5	0.05 U
MW-37(A)	MW-37 (A)	10/17/2003						11.1	
MW-38(A)	MW-38(A)	10/21/2003	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-38(A)	MW-38(A)	10/21/2003						0.05 U	
MW-38(A)	MW-38 (A)	1/14/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U B	0.05 U
MW-38(A)	MW-38 (A)	1/14/2004						0.121	
MW-38(A)	MW-38 (A)	4/14/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.5 J	0.05 U
MW-38(A)	MW-38 (A)	4/14/2004						0.05 U	
MW-38(A)	MW-38 (A)	7/22/2004	0.0412	0.01 U	0.05 U	0.05 U	0.01 U	0.48 J	0.05 U
MW-38(A)	MW-38 (A)	7/22/2004						0.05 U	
MW-39(A)	MW-39 (A)	10/16/2003	0.01 U	0.01 U	0.05 U	2.24	0.01 U	17.7	0.05 U
MW-39(A)	MW-39 (A)	10/16/2003						22.8	
MW-39(A)	MW-39 (A)	1/16/2004	0.01 U	0.01 U	0.05 U	1.04	0.01 U	23.4	0.05 U
MW-39(A)	MW-39 (A)	1/16/2004						17.3	
MW-39(A)	MW-39 (A)	4/14/2004	0.01 U	0.01 U	0.05 U	0.633	0.01 U	18.7	0.05 U
MW-39(A)	MW-39 (A)	4/14/2004						4.14	
MW-39(A)	MW-39 (A)	7/21/2004	0.01 U	0.01 U	0.05 U	1.67	0.01 U	13.8	0.05 U
MW-39(A)	MW-39 (A)	7/21/2004						10.7	
MW-39(A)	Trip Blank	7/21/2004						2 U	
MW-39(A)	Trip Blank	7/22/2004						2 U	

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## RBDMSVOCs IN GROUND WATER

Remedial Investigation/Feasibility Study  
Astoria Area-Wide Petroleum Site  
Astoria, Oregon

Locator ID	Sample ID	Sample Date	Chrysene	Dibenzo(a,h) anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd) pyrene	Naphthalene	Pyrene
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-40(A)	MW-40 (A)	10/17/2003	0.01 U	0.01 U	0.05 U	0.618	0.01 U	82.5	0.05 U
MW-40(A)	MW-40 (A)	10/17/2003						43.8	
MW-40(A)	MW-40(A)	1/20/2004	0.02 U	0.02 U	0.1 U	0.72	0.02 U	1220	0.1 U
MW-40(A)	MW-40(A)	1/20/2004						682	
MW-40(A)	MW-40(A)	4/16/2004	0.04 U	0.04 U	0.2 U	1.16	0.04 U	1500	0.2 U
MW-40(A)	MW-40(A)	4/16/2004						850	
MW-41(A)	MW-41(A)	10/14/2003	0.02 U	0.01 U	1.25 U	4.97	0.01 U	105	0.2
MW-41(A)	MW-41(A)	10/14/2003						82.3	
MW-42(A)	MW-42 (A)	10/15/2003	0.01 U	0.01 U	0.05 U	2.56	0.01 U	190	0.05 U
MW-42(A)	MW-42 (A)	10/15/2003						141	
MW-43(A)	MW-43(A)	10/13/2003	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-43(A)	MW-43(A)	10/13/2003						0.05 U	
MW-43(A)	MW-43 (A)	1/12/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-43(A)	MW-43 (A)	1/12/2004						0.05 U	
MW-43(A)	MW-43 (A)	4/13/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-43(A)	MW-43 (A)	4/13/2004						0.05 U	
MW-43(A)	MW-43 (A)	7/21/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.0605	0.05 U
MW-43(A)	MW-43 (A)	7/21/2004						2 U	
MW-44(A)	MW-44 (A)	10/17/2003	0.01 U	0.01 U	0.05 U	0.362	0.01 U	1050	0.05 U
MW-44(A)	MW-44 (A)	10/17/2003						696	
MW-45(A)	MW-45 (A)	10/16/2003	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	1.11 J	0.05 U
MW-45(A)	MW-45 (A)	10/16/2003						0.0896	
MW-45(A)	MW-45 (A)	1/16/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-45(A)	MW-45 (A)	1/16/2004						0.05 U	
MW-45(A)	MW-45 (A)	4/14/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-45(A)	MW-45 (A)	4/14/2004						0.0798	
MW-45(A)	MW-45 (A)	7/21/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-45(A)	MW-45 (A)	7/21/2004						0.225 U	

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## RBDMSVOCs IN GROUND WATER

Remedial Investigation/Feasibility Study  
Astoria Area-Wide Petroleum Site  
Astoria, Oregon

Locator ID	Sample ID	Sample Date	Chrysene ug/L	Dibenzo(a,h) anthracene ug/L	Fluoranthene ug/L	Fluorene ug/L	Indeno(1,2,3-cd) pyrene ug/L	Naphthalene ug/L	Pyrene ug/L
MW-46(A)	MW-46(A)	10/14/2003	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-46(A)	MW-46(A)	10/14/2003						0.05 U	
MW-46(A)	MW-46(A)	1/14/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.05 U	0.05 U
MW-46(A)	MW-46(A)	1/14/2004						2 U	
MW-46(A)	MW-46 (A)	4/12/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-46(A)	MW-46 (A)	4/12/2004						0.0526	
MW-46(A)	MW-46 (A)	7/21/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.05 U	0.05 U
MW-46(A)	MW-46 (A)	7/21/2004						2 U	
MW-47(A)	MW-47(A)	10/13/2003	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-47(A)	MW-47(A)	10/13/2003						0.05 U	
MW-47(A)	MW-47 (A)	1/14/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.0783	0.05 U
MW-47(A)	MW-47 (A)	1/14/2004						2 U	
MW-47(A)	MW-47 (A)	4/12/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
MW-47(A)	MW-47 (A)	4/12/2004						0.05 U	
MW-47(A)	MW-47 (A)	7/21/2004	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.05 U	0.05 U
MW-47(A)	MW-47 (A)	7/21/2004						2 U	
MW-48(A)	MW-48(A)	10/14/2003	0.0157	0.01 U	0.123	0.204	0.01 U	0.76 J	0.0812
MW-48(A)	MW-48(A)	10/14/2003						0.538	
MW-48(A)	MW-48 (A)	1/14/2004	0.01 U	0.01 U	0.05 U	0.0763	0.01 U	0.397	0.05 U
MW-48(A)	MW-48 (A)	1/14/2004						2 U	
MW-48(A)	MW-48 (A)	4/12/2004	0.0122	0.01 U	0.0507	0.0569	0.01 U	0.244	0.0729
MW-48(A)	MW-48 (A)	4/12/2004						2 U	
MW-48(A)	MW-48 (A)	7/21/2004	0.0282	0.01 U	0.106	0.0602	0.014	2 U	0.0883
MW-48(A)	MW-48 (A)	7/21/2004						0.457	
R-1(M)	R-1(M)	10/22/2003	0.015	0.01 U	0.05 U	0.05 U	0.01 U	2 U B	0.05 U
R-1(M)	R-1(M)	10/22/2003						0.0972	
TW-100(C)	SB100(C)W	8/22/2002	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.5 U	0.05 U
TW-100(C)	SB100(C)W	8/22/2002						0.05 U	
TW-103(C)	SB103(C)W	8/22/2002						0.5 U	
TW-104(C)	SB104(C)W	8/22/2002						0.5 U	

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## RBDMSVOCs IN GROUND WATER

Remedial Investigation/Feasibility Study  
Astoria Area-Wide Petroleum Site  
Astoria, Oregon

Locator ID	Sample ID	Sample Date	Chrysene ug/L	Dibenzo(a,h) anthracene ug/L	Fluoranthene ug/L	Fluorene ug/L	Indeno(1,2,3-cd) pyrene ug/L	Naphthalene ug/L	Pyrene ug/L
TW-200(C)	SB200(C)W	8/22/2002	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.5 U	0.05 U
TW-200(C)	SB200(C)W	8/22/2002						0.05 U	
TW-201(C)	SB201(C)W	8/22/2002	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.5 U	0.05 U
TW-201(C)	SB201(C)W	8/22/2002						0.05 U	
TW-202(C)	SB202(C)W	8/22/2002	0.01 U	0.01 U	0.05 U	0.255	0.01 U	0.5 U	0.05 U
TW-202(C)	SB202(C)W	8/22/2002						0.2 U	
TW-203(C)	SB203(C)W	8/22/2002	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.5 U	0.05 U
TW-203(C)	SB203(C)W	8/22/2002						0.3 U	
TW-204(C)	SB204(C)W	8/22/2002	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.5 U	0.05 U
TW-204(C)	SB204(C)W	8/22/2002						0.05 U	
TW-204(C)	SB204(C)W2	8/22/2002	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.5 U	0.05 U
TW-204(C)	SB204(C)W2	8/22/2002						0.05 U	
TW-304(D)	SB-304-D-9.0	8/19/2002	0.01 U	0.01 U	0.05 U	5 U	0.01 U	6.27	0.05 U
TW-304(D)	SB-304-D-9.0 D	8/19/2002	0.01 U	0.01 U	0.05 U	5 U	0.01 U	5.37	0.05 U
TW-305(D)	SB-305-D-9.0	8/19/2002	0.5 U	0.5 U	2.5 U	17.2	0.5 U	447	2.5 U
TW-305(D)	SB-305-D-9.0	8/19/2002						220	
TW-306(D)	SB-306-D-9.0	8/19/2002	0.05 U	0.01 U	0.05 U	1.59	0.01 U	3.49	0.25 U
TW-307(D)	SB-307-D-9.0	8/19/2002	0.01 U	0.01 U	5 U	5 U	0.01 U	68.5	0.08 U
TW-309(D)	SB-309-D-9.0	8/19/2002	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.47 U	0.05 U
TW-309(D)	SB-309-D-9.0	8/19/2002						0.066	
TW-311(D)	SB-311-D-10.0	8/19/2002	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.901	0.05 U
TW-312(D)	SB-312-D-10.0	8/19/2002	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
TW-312(D)	SB-312-D-10.0	8/19/2002						0.05 U	
TW-313(D)	TW-313-D-22.0	8/20/2002	0.05 U	0.01 U	0.05 U	0.05 U	0.01 U	58.7	0.05 U
TW-314(D)	TW-314-D-22.0	8/20/2002	0.05 U	0.01 U	0.05 U	0.05 U	0.01 U	13.3	0.05 U
TW-318(D)	TW-318-D-22.0	8/20/2002	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.15 U	0.05 U
TW-318(D)	TW-318-D-22.0	8/20/2002						0.25	
TW-319(D)	SB-319-D-14.0	8/19/2002	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.05 U	0.05 U
TW-400(F)	TW-400(F)	8/22/2002	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.05 U	0.05 U
TW-600(N)	TW-600(N)	9/13/2002	0.25 U	0.25 U	0.05 U	0.0613	0.25 U	232	0.25 U
TW-600(N)	TW-600(N)	9/13/2002						175	
TW-601(N)	TW-601(N)	9/13/2002	2.5 U	0.01 U	0.05 U	0.0613	0.01 U	94.6	2.5 U
TW-601(N)	TW-601(N)	9/13/2002						73.2	

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## RBDMSVOCs IN GROUND WATER

Remedial Investigation/Feasibility Study  
Astoria Area-Wide Petroleum Site  
Astoria, Oregon

Locator ID	Sample ID	Sample Date	Chrysene ug/L	Dibenzo(a,h) anthracene ug/L	Fluoranthene ug/L	Fluorene ug/L	Indeno(1,2,3-cd) pyrene ug/L	Naphthalene ug/L	Pyrene ug/L
TW-602(N)	BT-602(N)	9/13/2002	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
TW-602(N)	BT-602(N)	9/13/2002						0.392	
TW-602(N)	TW-602(N)	9/13/2002	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
TW-602(N)	TW-602(N)	9/13/2002						1.51	
TW-603(N)	TW-603(N)	9/13/2002	0.01 U	0.01 U	0.05 U	0.0566	0.01 U	2 U	0.05 U
TW-603(N)	TW-603(N)	9/13/2002						9.92	
TW-608(N)	TW-608 (N)	9/13/2002	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
TW-608(N)	TW-608 (N)	9/13/2002						0.05 U	
TW-612(N)	TW-612(N)	9/12/2002	0.05 U	0.05 U	0.05 U	1.3	0.05 U	100 U	0.05 U
TW-612(N)	TW-612(N)	9/12/2002						22.9	
TW-616(N)	TW-616(N)	9/12/2002	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
TW-616(N)	TW-616(N)	9/12/2002						0.339	
TW-619(N)	TW-619(N)	9/12/2002	0.01 U	0.01 U	0.05 U	0.0906	0.01 U	34	0.05 U
TW-619(N)	TW-619(N)	9/12/2002						28	
TW-623(N)	TW-623(N)	9/12/2002	0.01 U	0.01 U	0.05 U	0.353	0.01 U	21.6	0.05 U
TW-623(N)	TW-623(N)	9/12/2002						12.3	
TW-624(N)	TW-624(N)	9/12/2002	5 U	5 U	5 U	5 U	5 U	55.9	5 U
TW-624(N)	TW-624(N)	9/12/2002						5 U	
TW-625(N)	BT-625(N)	9/12/2002	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.05 U	0.05 U
TW-625(N)	TW-625(N)	9/12/2002	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.05 U	0.05 U
TW-700(P)	TW-700(P)	8/21/2002	1 U J	1 U J	1 U J	1 U J	1 U J	459	1 U J
TW-700(P)	TW-700(P)	8/21/2002						41 J	
TW-701(P)	TW-701(P)	8/20/2002						236	
TW-702(P)	TW-702(P)	8/21/2002	0.01 U J	0.01 U J	0.05 U J	0.05 U J	0.01 U J	0.5 U	0.05 U J
TW-702(P)	TW-702(P)	8/21/2002						0.05 U J	
TW-703(P)	TW-703(P)	8/21/2002						4.24	
TW-704(P)	TW-704(P)	8/21/2002						3.23	
TW-705(P)	TW-705(P)	8/20/2002	0.0114 U J	0.0114 U J	0.0571 U J	0.0571 U J	0.0114 U J	0.0571 U J	0.0571 U J
TW-706(P)	TW-706(P)	8/21/2002						94.3	
TW-707(P)	TW-707(P)	8/21/2002						0.5 U	
TW-708(P)	BT-708(P)	8/20/2002	2 U J	0.01 U J	2 U J	2 U J	0.01 U J	6.42 JB	2 U J
TW-708(P)	BT-708(P)	8/20/2002						10.1	
TW-708(P)	TW-708(P)	8/20/2002	2.5 U J	2.5 U J	2.5 U J	2.5 U J	2.5 U J	20 U	2.5 U J
TW-708(P)	TW-708(P)	8/20/2002						6.44 J	

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## RBDMSVOCs IN GROUND WATER

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Astoria, Oregon

Locator ID	Sample ID	Sample Date	Chrysene ug/L	Dibenzo(a,h) anthracene ug/L	Fluoranthene ug/L	Fluorene ug/L	Indeno(1,2,3-cd) pyrene ug/L	Naphthalene ug/L	Pyrene ug/L
TW-709(P)	TW-709(P)	8/21/2002						0.5 U	
TW-710(P)	TW-710(P)	8/21/2002	0.01 U J	0.01 U J	0.05 U J	0.05 U J	0.01 U J	0.5 U	0.05 U J
TW-710(P)	TW-710(P)	8/21/2002						0.05 U J	
TW-711(P)	BT-711(P)	8/21/2002						0.5 U	
TW-711(P)	TW-711(P)	8/21/2002						0.5 U	
TW-712(P)	TW-712(P)	8/21/2002	0.0161 J	0.01 U J	0.05 U J	0.05 U J	0.01 U J	0.5 U	0.05 U J
TW-712(P)	TW-712(P)	8/21/2002						0.05 U J	
TW-714(P)	TW-714(P)	8/21/2002	2.5 U J	2.5 U J	2.5 U J	2.3 J	2.5 U J	965	2.5 U J
TW-714(P)	TW-714(P)	8/21/2002						258 J	
TW-716(P)	TW-716(P)	8/20/2002	0.01 U J	0.01 U J	0.05 U J	0.05 U J	0.01 U J	0.5 U	0.05 U J
TW-716(P)	TW-716(P)	8/20/2002						0.05 U J	
TW-717(P)	TW-717(P)	8/20/2002	0.2 U J	0.01 U J	0.2 U J	0.133 J	0.01 U J	0.5 U	0.2 U J
TW-717(P)	TW-717(P)	8/20/2002						0.2 U J	
TW-718(P)	TW-718(P)	8/21/2002	0.01 U J	0.01 U J	0.05 U J	0.05 U J	0.01 U J	2 U	0.05 U J
TW-718(P)	TW-718(P)	8/21/2002						0.05 U J	
TW-719(P)	BT-719(P)	8/23/2002	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
TW-719(P)	BT-719(P)	8/23/2002						0.5 U	
TW-719(P)	TW-719(P)	8/23/2002	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	0.25 J	0.05 U
TW-719(P)	TW-719(P)	8/23/2002						0.5 U	
TW-720(P)	TW-720(P)	8/23/2002	0.05 U	0.05 U	0.05 U	5 U	0.05 U	744	0.05 U
TW-720(P)	TW-720(P)	8/23/2002						423	
TW-900(S)	SB-900(TW)	8/26/2002	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	1 U	0.05 U
TW-901(S)	SB-901(TW)	8/26/2002	1 U	1 U	1 U	0.57 J	1 U	12.5	1 U
TW-901(S)	SB-901(TW)	8/26/2002						19.9	
TW-902(S)	SB-902(TW)	8/26/2002	0.5 U	0.5 U	0.5 U	2.03	0.5 U	11.2	0.5 U
TW-903(S)	SB-903(TW)	8/26/2002	0.2 U	0.2 U	0.2 U	2.68	0.2 U	2 U	0.2 U
TW-903(S)	SB-903(TW)	8/26/2002						3.1	
TW-904(S)	SB-904(TW)	8/26/2002	0.1 U	0.1 U	0.1 U	1.18	0.1 U	2 U	0.1 U
TW-904(S)	SB-904(TW)	8/26/2002						31.6	
TW-905(S)	SB-905(TW)	8/26/2002						18.4 J	
TW-906(S)	SB-906(TW)	8/27/2002	0.01 U	0.01 U	0.05 U	0.232	0.01 U	2.29	0.05 U
TW-906(S)	SB-906(TW)	8/27/2002						0.745	
TW-908(S)	SB-908(TW)	8/27/2002	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	2 U	0.05 U
TW-908(S)	SB-908(TW)	8/27/2002						0.1 U	
TW-909(S)	SB-909(TW)	8/27/2002	0.01 U	0.01 U	0.05 U	0.05 U	0.01 U	1.1 U	0.05 U
TW-910(S)	SB-910(TW)	8/26/2002	0.01 U	0.01 U	0.05 U	1.08	0.01 U	0.61	0.05 U
TW-911(S)	SB-911(TW)	8/27/2002	0.1 U	0.1 U	0.1 U	0.377 J	0.1 U	2 U	0.1 U
TW-911(S)	SB-911(TW)	8/27/2002						0.5 U	