

TABLE D-12

VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	1,1,1,2- Tetrachloroethane	1,1,1- Trichloroethane	1,1,2,2- Tetrachloroethane	1,1,2- Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-1(F)	MW-1-082302	8/23/2002						
MW-1(F)	MW-1-082302	8/23/2002						
MW-1(F)	MW-1(F)	10/22/2003						
MW-1(F)	MW-1 (F)	1/15/2004						
MW-1(F)	MW-1(F)	4/15/2004						
MW-1(F)	MW-1 (F)	7/20/2004						
MW-2(M)	MW-2(M)	6/19/2003						
MW-2(M)	MW-2 (M)	10/15/2003						
MW-2(M)	MW-2 (M)	1/12/2004						
MW-2(M)	MW-2(M)	4/14/2004						
MW-2(M)	MW-2 (M)	7/22/2004						
MW-6(M)	MW-6(M)	6/19/2003						
MW-6(M)	MW-6(M)	10/22/2003						
MW-6(M)	MW-6 (M)	1/12/2004						
MW-6(M)	MW-6 (M)	4/13/2004						
MW-6(M)	MW-6 (M)	7/19/2004						
MW-7(M)	BM-7(M)	6/19/2003						
MW-7(M)	MW-7(M)	6/19/2003						
MW-7(M)	MW-7(M)	10/13/2003						
MW-7(M)	MW-7 (M)	1/12/2004						
MW-7(M)	MW-7 (M)	4/12/2004						
MW-7(M)	MW-7 (M)	7/19/2004						
MW-10(M)	MW-10(M)	6/19/2003						
MW-10(M)	MW-10 (M)	10/15/2003						
MW-10(M)	MW-10 (M)	1/13/2004						
MW-10(M)	MW-10 (M)	4/13/2004						
MW-10(M)	MW-10 (M)	7/19/2004						
MW-11(M)	MW-11(M)	6/19/2003						
MW-11(M)	MW-11 (M)	10/15/2003						
MW-11(M)	MW-11 (M)	1/13/2004						
MW-11(M)	MW-11 (M)	4/13/2004						
MW-11(M)	MW-11 (M)	7/21/2004						

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Locator ID	Sample ID	Sample Date	1,1,1,2- Tetrachloroethane ug/L	1,1,1- Trichloroethane ug/L	1,1,2,2- Tetrachloroethane ug/L	1,1,2- Trichloroethane ug/L	1,1-Dichloroethane ug/L	1,1-Dichloroethene ug/L
MW-12(A)	MW-12(A)	10/22/2003						
MW-12(A)	MW-12 (A)	1/15/2004						
MW-12(A)	MW-12(A)	4/16/2004						
MW-12(A)	MW-12 (A)	7/22/2004						
MW-13(A)	MW-13(A)	10/22/2003						
MW-13(A)	MW-13 (A)	1/15/2004						
MW-13(A)	MW-13(A)	4/16/2004						
MW-13(A)	MW-13 (A)	7/22/2004						
MW-14(A)	MW-14(A)	10/21/2003						
MW-14(A)	MW-14 (A)	1/15/2004						
MW-14(A)	MW-14(A)	4/16/2004						
MW-14(A)	MW-14 (A)	7/23/2004						
MW-15(A)	MW-15(A)	10/20/2003						
MW-16(A)	MW-16(A)	10/20/2003						
MW-16(A)	MW-16(A)	1/19/2004						
MW-16(A)	MW-16(A)	4/15/2004						
MW-16(A)	MW-16 (A)	7/22/2004						
MW-17 (A)	BM-17 (A)	7/22/2004						
MW-17(A)	MW-17 (A)	10/17/2003						
MW-17(A)	BM-17(A)	1/19/2004						
MW-17(A)	MW-17(A)	1/19/2004						
MW-17(A)	MW-17(A)	4/15/2004						
MW-17(A)	MW-17 (A)	7/22/2004						
MW-18(A)	MW-18(A)	10/21/2003						
MW-18(A)	MW-18(A)	1/19/2004						
MW-18(A)	MW-18(A)	4/15/2004						
MW-18(A)	MW-18 (A)	7/21/2004						

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Astoria, Oregon

Locator ID	Sample ID	Sample Date	1,1,1,2- Tetrachloroethane ug/L	1,1,1- Trichloroethane ug/L	1,1,2,2- Tetrachloroethane ug/L	1,1,2- Trichloroethane ug/L	1,1-Dichloroethane ug/L	1,1-Dichloroethene ug/L
MW-19(A)	BM-19(A)	10/20/2003						
MW-19(A)	MW-19(A)	10/20/2003						
MW-19(A)	MW-19 (A)	1/13/2004						
MW-19(A)	MW-19(A)	4/15/2004						
MW-19(A)	BM-19 (A)	7/20/2004						
MW-19(A)	MW-19 (A)	7/20/2004						
MW-20(A)	MW-20(A)	10/20/2003						
MW-20(A)	MW-20 (A)	1/13/2004						
MW-20(A)	MW-20(A)	4/15/2004						
MW-20(A)	MW-20 (A)	7/20/2004						
MW-21(A)	MW-21(A)	10/20/2003						
MW-21(A)	BM-21 (A)	1/13/2004						
MW-21(A)	MW-21 (A)	1/13/2004						
MW-21(A)	MW-21(A)	4/16/2004						
MW-21(A)	MW-21 (A)	7/20/2004						
MW-22(A)	MW-22 (A)	10/16/2003						
MW-22(A)	MW-22(A)	1/19/2004						
MW-22(A)	MW-22(A)	4/15/2004						
MW-22(A)	MW-22 (A)	7/20/2004						
MW-23(A)	MW-23(A)	10/20/2003						
MW-23(A)	MW-23 (A)	1/15/2004						
MW-23(A)	BM-23(A)	4/15/2004						
MW-23(A)	MW-23(A)	4/15/2004						
MW-23(A)	MW-23 (A)	7/20/2004						
MW-24(A)	MW-24(A)	10/21/2003						
MW-24(A)	MW-24 (A)	1/15/2004						
MW-24(A)	MW-24(A)	4/14/2004						
MW-24(A)	MW-24 (A)	7/22/2004						

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Astoria, Oregon

Locator ID	Sample ID	Sample Date	1,1,1,2- Tetrachloroethane ug/L	1,1,1- Trichloroethane ug/L	1,1,2,2- Tetrachloroethane ug/L	1,1,2- Trichloroethane ug/L	1,1-Dichloroethane ug/L	1,1-Dichloroethene ug/L
MW-26(A)	MW-26 (A)	10/17/2003						
MW-26(A)	MW-26 (A)	1/15/2004						
MW-26(A)	MW-26(A)	4/14/2004						
MW-26(A)	MW-26 (A)	7/22/2004						
MW-27(A)	MW-27(A)	10/21/2003						
MW-27(A)	MW-27 (A)	1/14/2004						
MW-27(A)	MW-27 (A)	4/14/2004						
MW-27(A)	MW-27 (A)	7/22/2004						
MW-28(A)	MW-28 (A)	10/17/2003						
MW-28(A)	MW-28(A)	1/19/2004						
MW-28(A)	MW-28(A)	4/14/2004						
MW-28(A)	MW-28 (A)	7/23/2004						
MW-29(A)	MW-29(A)	10/21/2003						
MW-29(A)	MW-29(A)	1/19/2004						
MW-29(A)	MW-29(A)	4/16/2004						
MW-29(A)	MW-29 (A)	7/22/2004						
MW-30(A)	MW-30 (A)	10/16/2003						
MW-30(A)	MW-30 (A)	1/16/2004						
MW-30(A)	MW-30 (A)	4/13/2004						
MW-30(A)	MW-30 (A)	7/20/2004						
MW-31(A)	BM-31 (A)	10/16/2003						
MW-31(A)	MW-31 (A)	10/16/2003						
MW-31(A)	MW-31 (A)	1/12/2004						
MW-31(A)	BM-31 (A)	4/13/2004						
MW-31(A)	MW-31 (A)	4/13/2004						
MW-31(A)	MW-31 (A)	7/20/2004						
MW-32(A)	MW-32(A)	10/14/2003						
MW-32(A)	MW-32 (A)	1/12/2004						
MW-32(A)	MW-32 (A)	4/13/2004						
MW-32(A)	MW-32 (A)	7/19/2004						

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

Locator ID	Sample ID	Sample Date	1,1,1,2- Tetrachloroethane ug/L	1,1,1- Trichloroethane ug/L	1,1,2,2- Tetrachloroethane ug/L	1,1,2- Trichloroethane ug/L	1,1-Dichloroethane ug/L	1,1-Dichloroethene ug/L
MW-33(A)	MW-33(A)	10/14/2003						
MW-33(A)	MW-33 (A)	1/12/2004						
MW-33(A)	MW-33 (A)	4/13/2004						
MW-33(A)	MW-33 (A)	7/19/2004						
MW-34(A)	MW-34(A)	10/14/2003						
MW-34(A)	MW-34 (A)	1/13/2004						
MW-34(A)	MW-34 (A)	4/14/2004						
MW-34(A)	MW-34 (A)	7/20/2004						
MW-35(A)	MW-35 (A)	10/16/2003						
MW-35(A)	MW-35 (A)	1/16/2004						
MW-35(A)	MW-35 (A)	4/13/2004						
MW-35(A)	MW-35 (A)	7/20/2004						
MW-36(A)	MW-36(A)	10/21/2003						
MW-36(A)	MW-36 (A)	1/14/2004						
MW-36(A)	MW-36 (A)	4/14/2004						
MW-36(A)	MW-36 (A)	7/22/2004						
MW-37(A)	MW-37 (A)	10/17/2003						
MW-38(A)	MW-38(A)	10/21/2003						
MW-38(A)	MW-38 (A)	1/14/2004						
MW-38(A)	MW-38 (A)	4/14/2004						
MW-38(A)	MW-38 (A)	7/22/2004						
MW-39(A)	MW-39 (A)	10/16/2003						
MW-39(A)	MW-39 (A)	1/16/2004						
MW-39(A)	MW-39 (A)	4/14/2004						
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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MW-40(A)	MW-40 (A)	10/17/2003						
MW-40(A)	MW-40(A)	1/20/2004						
MW-40(A)	MW-40(A)	4/16/2004						
MW-41(A)	MW-41(A)	10/14/2003						
MW-42(A)	MW-42 (A)	10/15/2003						
MW-43(A)	MW-43(A)	10/13/2003						
MW-43(A)	MW-43 (A)	1/12/2004						
MW-43(A)	MW-43 (A)	4/13/2004						
MW-43(A)	MW-43 (A)	7/21/2004						
MW-44(A)	MW-44 (A)	10/17/2003						
MW-45(A)	MW-45 (A)	10/16/2003						
MW-45(A)	MW-45 (A)	1/16/2004						
MW-45(A)	MW-45 (A)	4/14/2004						
MW-45(A)	MW-45 (A)	7/21/2004						
MW-46(A)	MW-46(A)	10/14/2003						
MW-46(A)	MW-46(A)	1/14/2004						
MW-46(A)	MW-46 (A)	4/12/2004						
MW-46(A)	MW-46 (A)	7/21/2004						
MW-47(A)	MW-47(A)	10/13/2003						
MW-47(A)	MW-47 (A)	1/14/2004						
MW-47(A)	MW-47 (A)	4/12/2004						
MW-47(A)	MW-47 (A)	7/21/2004						
MW-48(A)	MW-48(A)	10/14/2003						
MW-48(A)	MW-48 (A)	1/14/2004						
MW-48(A)	MW-48 (A)	4/12/2004						
MW-48(A)	MW-48 (A)	7/21/2004						

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Astoria, Oregon

Locator ID	Sample ID	Sample Date	1,1,1,2- Tetrachloroethane ug/L	1,1,1- Trichloroethane ug/L	1,1,2,2- Tetrachloroethane ug/L	1,1,2- Trichloroethane ug/L	1,1-Dichloroethane ug/L	1,1-Dichloroethene ug/L
R-1(M)	R-1(M)	10/22/2003						
TW-100(C)	SB100(C)W	8/22/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TW-103(C)	SB103(C)W	8/22/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TW-104(C)	SB104(C)W	8/22/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TW-200(C)	SB200(C)W	8/22/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TW-201(C)	SB201(C)W	8/22/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TW-202(C)	SB202(C)W	8/22/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TW-203(C)	SB203(C)W	8/22/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TW-204(C)	SB204(C)W	8/22/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TW-204(C)	SB204(C)W2	8/22/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TW-304(D)	SB-304-D-9.0	8/19/2002						
TW-304(D)	SB-304-D-9.0 D	8/19/2002						
TW-305(D)	SB-305-D-9.0	8/19/2002						
TW-306(D)	SB-306-D-9.0	8/19/2002						
TW-307(D)	SB-307-D-9.0	8/19/2002						
TW-309(D)	SB-309-D-9.0	8/19/2002						
TW-311(D)	SB-311-D-10.0	8/19/2002						
TW-312(D)	SB-312-D-10.0	8/19/2002						
TW-313(D)	TW-313-D-22.0	8/20/2002						
TW-314(D)	TW-314-D-22.0	8/20/2002						
TW-318(D)	TW-318-D-22.0	8/20/2002						
TW-319(D)	SB-319-D-14.0	8/19/2002						
TW-400(F)	TW-400(F)	8/22/2002						
TW-401(F)	TW-401(F)	8/23/2002						
TW-402(F)	TW-402(F)	8/23/2002						
TW-405(F)	TW-405(F)	8/22/2002						
TW-406(F)	TW-406(F)	8/22/2002						
TW-407(F)	TW-407(F)	8/22/2002						
TW-408(F)	TW-408(F)	8/22/2002						
TW-409(F)	TW-409(F)	8/22/2002						
TW-600(N)	TW-600(N)	9/13/2002						
TW-601(N)	TW-601(N)	9/13/2002						
TW-602(N)	BT-602(N)	9/13/2002						
TW-602(N)	TW-602(N)	9/13/2002						
TW-603(N)	TW-603(N)	9/13/2002						
TW-608(N)	TW-608 (N)	9/13/2002						
TW-612(N)	TW-612(N)	9/12/2002						
TW-612(N)	TW-612(N)	9/12/2002						

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TW-616(N)	TW-616(N)	9/12/2002						
TW-616(N)	TW-616(N)	9/12/2002						
TW-619(N)	TW-619(N)	9/12/2002						
TW-619(N)	TW-619(N)	9/12/2002						
TW-623(N)	TW-623(N)	9/12/2002						
TW-623(N)	TW-623(N)	9/12/2002						
TW-624(N)	TW-624(N)	9/12/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TW-624(N)	TW-624(N)	9/12/2002						
TW-625(N)	BT-625(N)	9/12/2002						
TW-625(N)	TW-625(N)	9/12/2002						
TW-700(P)	TW-700(P)	8/21/2002	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
TW-701(P)	TW-701(P)	8/20/2002	5 U	5 U	5 U	5 U	5 U	5 U
TW-702(P)	TW-702(P)	8/21/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TW-703(P)	TW-703(P)	8/21/2002	1 U	1 U	1 U	1 U	1 U	1 U
TW-704(P)	TW-704(P)	8/21/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TW-706(P)	TW-706(P)	8/21/2002	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
TW-707(P)	TW-707(P)	8/21/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TW-708(P)	BT-708(P)	8/20/2002						
TW-708(P)	TW-708(P)	8/20/2002						
TW-709(P)	TW-709(P)	8/21/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TW-710(P)	TW-710(P)	8/21/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TW-711(P)	BT-711(P)	8/21/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TW-711(P)	TW-711(P)	8/21/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TW-712(P)	TW-712(P)	8/21/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TW-714(P)	TW-714(P)	8/21/2002						
TW-716(P)	TW-716(P)	8/20/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TW-717(P)	TW-717(P)	8/20/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TW-718(P)	TW-718(P)	8/21/2002						
TW-719(P)	BT-719(P)	8/23/2002						
TW-719(P)	TW-719(P)	8/23/2002						
TW-720(P)	TW-720(P)	8/23/2002						
TW-800(Q)	TW-800(Q)-10.5	8/27/2002						
TW-801(Q)	TW801(Q)-10	8/26/2002						
TW-803(Q)	TW-803(Q)-9	8/26/2002						
TW-805(Q)	TW-805(Q)-10	8/26/2002						
TW-806(Q)	TW-806 (Q)-11	8/28/2002						
TW-810(Q)	TW-810 (Q)-8	8/28/2002						

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TW-814(Q)	TW814(Q)9	8/27/2002						
TW-816(Q)	TW-816(Q)-12	8/27/2002						
TW-818(Q)	TW-818 (Q)-11	8/28/2002						
TW-819(Q)	TW-819 (Q)-9.5	8/28/2002						
TW-819(Q)	TW-819 (Q)-9.5	8/28/2002						
TW-820(Q)	TW-820 (Q)-10	8/29/2002						
TW-822(Q)	TW-822 (Q)-9	8/29/2002						
TW-824(Q)	TW-824(Q)-9	8/28/2002						
TW-825(Q)	TW-825(Q)-8.5	8/27/2002						
TW-826(Q)	TW-826(Q)-9	8/27/2002						
TW-826(Q)	TW-826 (Q)-8.5	8/29/2002						
TW-828(Q)	TW-828 (Q)-8.5	8/29/2002						
TW-833(Q)	TW-833 (Q)-10.	8/28/2002						
TW-900(S)	SB-900(TW)	8/26/2002						
TW-901(S)	SB-901(TW)	8/26/2002						
TW-901(S)	SB-901(TW)	8/26/2002						
TW-902(S)	SB-902(TW)	8/26/2002						
TW-903(S)	SB-903(TW)	8/26/2002						
TW-903(S)	SB-903(TW)	8/26/2002						
TW-904(S)	SB-904(TW)	8/26/2002						
TW-904(S)	SB-904(TW)	8/26/2002						
TW-905(S)	SB-905(TW)	8/26/2002						
TW-905(S)	SB-905(TW)	8/26/2002						
TW-906(S)	SB-906(TW)	8/27/2002						
TW-906(S)	SB-906(TW)	8/27/2002						
TW-908(S)	SB-908(TW)	8/27/2002						
TW-908(S)	SB-908(TW)	8/27/2002						
TW-909(S)	SB-909(TW)	8/27/2002						
TW-910(S)	SB-910(TW)	8/26/2002						
TW-911(S)	SB-911(TW)	8/27/2002						
TW-911(S)	SB-911(TW)	8/27/2002						

TABLE D-12

VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	1,1-Dichloropropene ug/L	1,2,3-Trichlorobenzene ug/L	1,2,3-Trichloropropane ug/L	1,2,4-Trichlorobenzene ug/L	1,2,4-Trimethylbenzene ug/L	1,2-Dibromo-3-chloropropane ug/L	1,2-Dibromoethane ug/L	1,2-Dichlorobenzene ug/L
MW-1(F)	MW-1-082302	8/23/2002					1 U		0.5 U	
MW-1(F)	MW-1-082302	8/23/2002								
MW-1(F)	MW-1(F)	10/22/2003					1.64		0.5 U	
MW-1(F)	MW-1 (F)	1/15/2004					0.09 J		0.5 U	
MW-1(F)	MW-1(F)	4/15/2004					0.36 J		0.5 U	
MW-1(F)	MW-1 (F)	7/20/2004					0.37 J		0.5 U	
MW-2(M)	MW-2(M)	6/19/2003					100		2.5 U	
MW-2(M)	MW-2 (M)	10/15/2003					2.23		0.5 U	
MW-2(M)	MW-2 (M)	1/12/2004					1 U		0.5 U	
MW-2(M)	MW-2(M)	4/14/2004					87.6		2.5 U	
MW-2(M)	MW-2 (M)	7/22/2004					16.3		2.5 U	
MW-6(M)	MW-6(M)	6/19/2003					1 U		0.5 U	
MW-6(M)	MW-6(M)	10/22/2003					1 U		0.5 U	
MW-6(M)	MW-6 (M)	1/12/2004					0.92		0.5 U	
MW-6(M)	MW-6 (M)	4/13/2004					1 U		0.5 U	
MW-6(M)	MW-6 (M)	7/19/2004					1 U		0.5 U	
MW-7(M)	BM-7(M)	6/19/2003					1 U		0.5 U	
MW-7(M)	MW-7(M)	6/19/2003					1 U		0.5 U	
MW-7(M)	MW-7(M)	10/13/2003					1 U		0.5 U	
MW-7(M)	MW-7 (M)	1/12/2004					1 U		0.5 U	
MW-7(M)	MW-7 (M)	4/12/2004					1 U		0.5 U	
MW-7(M)	MW-7 (M)	7/19/2004					1 U		0.5 U	
MW-10(M)	MW-10(M)	6/19/2003					26.1		0.5 U	
MW-10(M)	MW-10 (M)	10/15/2003					6.3		1 U	
MW-10(M)	MW-10 (M)	1/13/2004					4.05		0.5 U	
MW-10(M)	MW-10 (M)	4/13/2004					3.71		0.5 U	
MW-10(M)	MW-10 (M)	7/19/2004					4.16		0.5 U	
MW-11(M)	MW-11(M)	6/19/2003					1 U		0.5 U	
MW-11(M)	MW-11 (M)	10/15/2003					1 U B		0.5 U	
MW-11(M)	MW-11 (M)	1/13/2004					1 U		0.5 U	
MW-11(M)	MW-11 (M)	4/13/2004					0.19 J		0.5 U	
MW-11(M)	MW-11 (M)	7/21/2004					1 U		0.5 U	

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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	1,1-Dichloropropene ug/L	1,2,3-Trichlorobenzene ug/L	1,2,3-Trichloropropane ug/L	1,2,4-Trichlorobenzene ug/L	1,2,4-Trimethylbenzene ug/L	1,2-Dibromo-3-chloropropane ug/L	1,2-Dibromoethane ug/L	1,2-Dichlorobenzene ug/L
MW-12(A)	MW-12(A)	10/22/2003					0.15 J		0.5 U	
MW-12(A)	MW-12 (A)	1/15/2004					1 U		0.5 U	
MW-12(A)	MW-12(A)	4/16/2004					1 U		0.5 U	
MW-12(A)	MW-12 (A)	7/22/2004					1 U		0.5 U	
MW-13(A)	MW-13(A)	10/22/2003					17.4		2.5 U	
MW-13(A)	MW-13 (A)	1/15/2004					393		10 U	
MW-13(A)	MW-13(A)	4/16/2004					31		10 U	
MW-13(A)	MW-13 (A)	7/22/2004					8.6 J		10 U	
MW-14(A)	MW-14(A)	10/21/2003					0.53 J		0.5 U	
MW-14(A)	MW-14 (A)	1/15/2004					0.09 J		0.5 U	
MW-14(A)	MW-14(A)	4/16/2004					1 U		0.5 U	
MW-14(A)	MW-14 (A)	7/23/2004					1 U		0.5 U	
MW-15(A)	MW-15(A)	10/20/2003					7.37		0.5 U	
MW-16(A)	MW-16(A)	10/20/2003					2.09		0.5 U	
MW-16(A)	MW-16(A)	1/19/2004					1 U		0.5 U	
MW-16(A)	MW-16(A)	4/15/2004					1 U		0.5 U	
MW-16(A)	MW-16 (A)	7/22/2004					0.48 J		0.5 U	
MW-17 (A)	BM-17 (A)	7/22/2004					0.16 J		0.5 U	
MW-17(A)	MW-17 (A)	10/17/2003					3.19		0.5 U	
MW-17(A)	BM-17(A)	1/19/2004					0.62 J		0.5 U	
MW-17(A)	MW-17(A)	1/19/2004					0.72 J		0.5 U	
MW-17(A)	MW-17(A)	4/15/2004					0.44 J		0.5 U	
MW-17(A)	MW-17 (A)	7/22/2004					0.44 J		0.5 U	
MW-18(A)	MW-18(A)	10/21/2003					0.72 J		1 U	
MW-18(A)	MW-18(A)	1/19/2004					0.29 J		0.5 U	
MW-18(A)	MW-18(A)	4/15/2004					0.17 J		0.5 U	
MW-18(A)	MW-18 (A)	7/21/2004					0.09 J		0.5 U	

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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	1,1-Dichloropropene ug/L	1,2,3-Trichlorobenzene ug/L	1,2,3-Trichloropropane ug/L	1,2,4-Trichlorobenzene ug/L	1,2,4-Trimethylbenzene ug/L	1,2-Dibromo-3-chloropropane ug/L	1,2-Dibromoethane ug/L	1,2-Dichlorobenzene ug/L
MW-19(A)	BM-19(A)	10/20/2003					1 U		0.5 U	
MW-19(A)	MW-19(A)	10/20/2003					1 U		0.5 U	
MW-19(A)	MW-19 (A)	1/13/2004					1 U		0.5 U	
MW-19(A)	MW-19(A)	4/15/2004					1 U		0.5 U	
MW-19(A)	BM-19 (A)	7/20/2004					1 U		0.5 U	
MW-19(A)	MW-19 (A)	7/20/2004					0.13 J		0.5 U	
MW-20(A)	MW-20(A)	10/20/2003					15.9		0.5 U	
MW-20(A)	MW-20 (A)	1/13/2004					56.2		0.5 U	
MW-20(A)	MW-20(A)	4/15/2004					5.97		0.5 U	
MW-20(A)	MW-20 (A)	7/20/2004					19.6		0.5 U	
MW-21(A)	MW-21(A)	10/20/2003					0.2 J		0.5 U	
MW-21(A)	BM-21 (A)	1/13/2004					1 U		0.5 U	
MW-21(A)	MW-21 (A)	1/13/2004					1 U		0.5 U	
MW-21(A)	MW-21(A)	4/16/2004					1.37		0.5 U	
MW-21(A)	MW-21 (A)	7/20/2004					0.22 J		0.5 U	
MW-22(A)	MW-22 (A)	10/16/2003					1 U B		0.5 U	
MW-22(A)	MW-22(A)	1/19/2004					1 U		0.5 U	
MW-22(A)	MW-22(A)	4/15/2004					1 U		0.5 U	
MW-22(A)	MW-22 (A)	7/20/2004					1 U		0.5 U	
MW-23(A)	MW-23(A)	10/20/2003					1 U		0.5 U	
MW-23(A)	MW-23 (A)	1/15/2004					0.1		0.5 U	
MW-23(A)	BM-23(A)	4/15/2004					1.89		0.5 U	
MW-23(A)	MW-23(A)	4/15/2004					2.7		0.5 U	
MW-23(A)	MW-23 (A)	7/20/2004					1 U		0.5 U	
MW-24(A)	MW-24(A)	10/21/2003					2.05		0.5 U	
MW-24(A)	MW-24 (A)	1/15/2004					232		5 U	
MW-24(A)	MW-24(A)	4/14/2004					55		0.5 U	
MW-24(A)	MW-24 (A)	7/22/2004					48.3		0.5 U	

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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	1,1-Dichloropropene ug/L	1,2,3-Trichlorobenzene ug/L	1,2,3-Trichloropropane ug/L	1,2,4-Trichlorobenzene ug/L	1,2,4-Trimethylbenzene ug/L	1,2-Dibromo-3-chloropropane ug/L	1,2-Dibromoethane ug/L	1,2-Dichlorobenzene ug/L
MW-26(A)	MW-26 (A)	10/17/2003					600		2.5 U	
MW-26(A)	MW-26 (A)	1/15/2004					3120		10 U	
MW-26(A)	MW-26(A)	4/14/2004					2580		10 U	
MW-26(A)	MW-26 (A)	7/22/2004					3300		10 U	
MW-27(A)	MW-27(A)	10/21/2003					1 U		0.5 U	
MW-27(A)	MW-27 (A)	1/14/2004					1 U		0.5 U	
MW-27(A)	MW-27 (A)	4/14/2004					1 U		0.5 U	
MW-27(A)	MW-27 (A)	7/22/2004					1 U		0.5 U	
MW-28(A)	MW-28 (A)	10/17/2003					566		5 U	
MW-28(A)	MW-28(A)	1/19/2004					942		5 U	
MW-28(A)	MW-28(A)	4/14/2004					250		5 U	
MW-28(A)	MW-28 (A)	7/23/2004					130		2.5 U	
MW-29(A)	MW-29(A)	10/21/2003					1980		25 U	
MW-29(A)	MW-29(A)	1/19/2004					2630		25 U	
MW-29(A)	MW-29(A)	4/16/2004					1770		25 U	
MW-29(A)	MW-29 (A)	7/22/2004					2260		25 U	
MW-30(A)	MW-30 (A)	10/16/2003					20 U B		10 U	
MW-30(A)	MW-30 (A)	1/16/2004					33.6		10 U	
MW-30(A)	MW-30 (A)	4/13/2004					75.7		5 U	
MW-30(A)	MW-30 (A)	7/20/2004					3.4 J		10 U	
MW-31(A)	BM-31 (A)	10/16/2003					10 U B		5 U	
MW-31(A)	MW-31 (A)	10/16/2003					10 U B		5 U	
MW-31(A)	MW-31 (A)	1/12/2004					10 U		5 U	
MW-31(A)	BM-31 (A)	4/13/2004					0.9 J		2.5 U	
MW-31(A)	MW-31 (A)	4/13/2004					0.85		2.5 U	
MW-31(A)	MW-31 (A)	7/20/2004					1.1 J		5 U	
MW-32(A)	MW-32(A)	10/14/2003					1 U		0.5 U	
MW-32(A)	MW-32 (A)	1/12/2004					1 U		0.5 U	
MW-32(A)	MW-32 (A)	4/13/2004					1 U		0.5 U	
MW-32(A)	MW-32 (A)	7/19/2004					1 U		0.5 U	

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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	1,1- Dichloropropene ug/L	1,2,3- Trichlorobenzene ug/L	1,2,3- Trichloropropane ug/L	1,2,4- Trichlorobenzene ug/L	1,2,4- Trimethylbenzene ug/L	1,2-Dibromo-3- chloropropane ug/L	1,2-Dibromoethane ug/L	1,2-Dichlorobenzene ug/L
MW-33(A)	MW-33(A)	10/14/2003					1 U		0.5 U	
MW-33(A)	MW-33 (A)	1/12/2004					1 U		0.5 U	
MW-33(A)	MW-33 (A)	4/13/2004					1 U		0.5 U	
MW-33(A)	MW-33 (A)	7/19/2004					1 U		0.5 U	
MW-34(A)	MW-34(A)	10/14/2003					1 U		0.5 U	
MW-34(A)	MW-34 (A)	1/13/2004					1 U		0.5 U	
MW-34(A)	MW-34 (A)	4/14/2004					1 U		0.5 U	
MW-34(A)	MW-34 (A)	7/20/2004					1 U		0.5 U	
MW-35(A)	MW-35 (A)	10/16/2003					1 U		0.5 U	
MW-35(A)	MW-35 (A)	1/16/2004					0.13 J		0.5 U	
MW-35(A)	MW-35 (A)	4/13/2004					1 U		0.5 U	
MW-35(A)	MW-35 (A)	7/20/2004					1 U		0.5 U	
MW-36(A)	MW-36(A)	10/21/2003					0.15 J		0.5 U	
MW-36(A)	MW-36 (A)	1/14/2004					1 U		0.5 U	
MW-36(A)	MW-36 (A)	4/14/2004					1 U		0.5 U	
MW-36(A)	MW-36 (A)	7/22/2004					1 U		0.5 U	
MW-37(A)	MW-37 (A)	10/17/2003					12.2		0.5 U	
MW-38(A)	MW-38(A)	10/21/2003					1 U		0.5 U	
MW-38(A)	MW-38 (A)	1/14/2004					1 U		0.5 U	
MW-38(A)	MW-38 (A)	4/14/2004					1 U		0.5 U	
MW-38(A)	MW-38 (A)	7/22/2004					1 U		0.5 U	
MW-39(A)	MW-39 (A)	10/16/2003					19.7		0.5 U	
MW-39(A)	MW-39 (A)	1/16/2004					14.4		0.5 U	
MW-39(A)	MW-39 (A)	4/14/2004					6.04		0.5 U	
MW-39(A)	MW-39 (A)	7/21/2004					7.49		0.5 U	
MW-39(A)	Trip Blank	7/21/2004					1 U		0.5 U	
MW-39(A)	Trip Blank	7/22/2004					1 U		0.5 U	

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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	1,1-Dichloropropene ug/L	1,2,3-Trichlorobenzene ug/L	1,2,3-Trichloropropane ug/L	1,2,4-Trichlorobenzene ug/L	1,2,4-Trimethylbenzene ug/L	1,2-Dibromo-3-chloropropane ug/L	1,2-Dibromoethane ug/L	1,2-Dichlorobenzene ug/L
MW-40(A)	MW-40 (A)	10/17/2003					40.6		2.5 U	
MW-40(A)	MW-40(A)	1/20/2004					3170		10 U	
MW-40(A)	MW-40(A)	4/16/2004					3170		25 U	
MW-41(A)	MW-41(A)	10/14/2003					15.4		5 U	
MW-42(A)	MW-42 (A)	10/15/2003					44.8		10 U	
MW-43(A)	MW-43(A)	10/13/2003					1 U		0.5 U	
MW-43(A)	MW-43 (A)	1/12/2004					1 U		0.5 U	
MW-43(A)	MW-43 (A)	4/13/2004					1 U		0.5 U	
MW-43(A)	MW-43 (A)	7/21/2004					1 U		0.5 U	
MW-44(A)	MW-44 (A)	10/17/2003					3470		25 U	
MW-45(A)	MW-45 (A)	10/16/2003					1 U B		0.5 U	
MW-45(A)	MW-45 (A)	1/16/2004					0.11 J		0.5 U	
MW-45(A)	MW-45 (A)	4/14/2004					1 U		0.5 U	
MW-45(A)	MW-45 (A)	7/21/2004					1 U		0.5 U	
MW-46(A)	MW-46(A)	10/14/2003					1 U		0.5 U	
MW-46(A)	MW-46(A)	1/14/2004					1 U		0.5 U	
MW-46(A)	MW-46 (A)	4/12/2004					0.32 J		0.5 U	
MW-46(A)	MW-46 (A)	7/21/2004					1 U		0.5 U	
MW-47(A)	MW-47(A)	10/13/2003					1 U		0.5 U	
MW-47(A)	MW-47 (A)	1/14/2004					1 U		0.5 U	
MW-47(A)	MW-47 (A)	4/12/2004					1 U		0.5 U	
MW-47(A)	MW-47 (A)	7/21/2004					1 U		0.5 U	
MW-48(A)	MW-48(A)	10/14/2003					1 U		0.5 U	
MW-48(A)	MW-48 (A)	1/14/2004					1 U		0.5 U	
MW-48(A)	MW-48 (A)	4/12/2004					1 U		0.5 U	
MW-48(A)	MW-48 (A)	7/21/2004					1 U		0.5 U	

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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	1,1-Dichloropropene ug/L	1,2,3-Trichlorobenzene ug/L	1,2,3-Trichloropropane ug/L	1,2,4-Trichlorobenzene ug/L	1,2,4-Trimethylbenzene ug/L	1,2-Dibromo-3-chloropropane ug/L	1,2-Dibromoethane ug/L	1,2-Dichlorobenzene ug/L
R-1(M)	R-1(M)	10/22/2003					1 U B		0.5 U	
TW-100(C)	SB100(C)W	8/22/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.4 U	0.5 U
TW-103(C)	SB103(C)W	8/22/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.4 U	0.5 U
TW-104(C)	SB104(C)W	8/22/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.4 U	0.5 U
TW-200(C)	SB200(C)W	8/22/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.4 U	0.5 U
TW-201(C)	SB201(C)W	8/22/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.4 U	0.5 U
TW-202(C)	SB202(C)W	8/22/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.4 U	0.5 U
TW-203(C)	SB203(C)W	8/22/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.4 U	0.5 U
TW-204(C)	SB204(C)W	8/22/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.4 U	0.5 U
TW-204(C)	SB204(C)W2	8/22/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.4 U	0.5 U
TW-304(D)	SB-304-D-9.0	8/19/2002								
TW-304(D)	SB-304-D-9.0 D	8/19/2002								
TW-305(D)	SB-305-D-9.0	8/19/2002					3040		10 U	
TW-306(D)	SB-306-D-9.0	8/19/2002								
TW-307(D)	SB-307-D-9.0	8/19/2002								
TW-309(D)	SB-309-D-9.0	8/19/2002					0.34 J		0.5 U	
TW-311(D)	SB-311-D-10.0	8/19/2002								
TW-312(D)	SB-312-D-10.0	8/19/2002					1 U		0.5 U	
TW-313(D)	TW-313-D-22.0	8/20/2002								
TW-314(D)	TW-314-D-22.0	8/20/2002								
TW-318(D)	TW-318-D-22.0	8/20/2002					0.66 J		0.5 U	
TW-319(D)	SB-319-D-14.0	8/19/2002								
TW-400(F)	TW-400(F)	8/22/2002								
TW-401(F)	TW-401(F)	8/23/2002								
TW-402(F)	TW-402(F)	8/23/2002								
TW-405(F)	TW-405(F)	8/22/2002								
TW-406(F)	TW-406(F)	8/22/2002								
TW-407(F)	TW-407(F)	8/22/2002								
TW-408(F)	TW-408(F)	8/22/2002								
TW-409(F)	TW-409(F)	8/22/2002								
TW-600(N)	TW-600(N)	9/13/2002					7.35		2.5 U	
TW-601(N)	TW-601(N)	9/13/2002					192		1 U	
TW-602(N)	BT-602(N)	9/13/2002					1 U		0.5 U	
TW-602(N)	TW-602(N)	9/13/2002					1 U		0.5 U	
TW-603(N)	TW-603(N)	9/13/2002					1.72		0.5 U	
TW-608(N)	TW-608 (N)	9/13/2002					1 U		0.5 U	
TW-612(N)	TW-612(N)	9/12/2002					50 U		25 U	
TW-612(N)	TW-612(N)	9/12/2002								

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

Locator ID	Sample ID	Sample Date	1,1-Dichloropropene ug/L	1,2,3-Trichlorobenzene ug/L	1,2,3-Trichloropropane ug/L	1,2,4-Trichlorobenzene ug/L	1,2,4-Trimethylbenzene ug/L	1,2-Dibromo-3-chloropropane ug/L	1,2-Dibromoethane ug/L	1,2-Dichlorobenzene ug/L
TW-616(N)	TW-616(N)	9/12/2002					1 U		0.5 U	
TW-616(N)	TW-616(N)	9/12/2002								
TW-619(N)	TW-619(N)	9/12/2002					9.5		2.5 U	
TW-619(N)	TW-619(N)	9/12/2002								
TW-623(N)	TW-623(N)	9/12/2002					22.2		0.5 U	
TW-623(N)	TW-623(N)	9/12/2002								
TW-624(N)	TW-624(N)	9/12/2002	0.5 U	0.5 U	0.5 U	0.5 U	31.5	1 U	0.4 U	0.5 U
TW-624(N)	TW-624(N)	9/12/2002				5 U				5 U
TW-625(N)	BT-625(N)	9/12/2002								
TW-625(N)	TW-625(N)	9/12/2002								
TW-700(P)	TW-700(P)	8/21/2002	2.5 U	2.5 U	2.5 U	2.5 U	803	5 U	2 U	2.5 U
TW-701(P)	TW-701(P)	8/20/2002	5 U	5 U	5 U	5 U	204	10 U	4 U	5 U
TW-702(P)	TW-702(P)	8/21/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.4 U	0.5 U
TW-703(P)	TW-703(P)	8/21/2002	1 U	1 U	1 U	1 U	53.8	2 U	0.8 U	1 U
TW-704(P)	TW-704(P)	8/21/2002	0.5 U	0.5 U	0.5 U	0.5 U	1.22	1 U	0.4 U	0.5 U
TW-706(P)	TW-706(P)	8/21/2002	2.5 U	2.5 U	2.5 U	2.5 U	113	5 U	2 U	2.5 U
TW-707(P)	TW-707(P)	8/21/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.4 U	0.5 U
TW-708(P)	BT-708(P)	8/20/2002					10 U		5 U	
TW-708(P)	TW-708(P)	8/20/2002					10 U		5 U	
TW-709(P)	TW-709(P)	8/21/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.4 U	0.5 U
TW-710(P)	TW-710(P)	8/21/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.4 U	0.5 U
TW-711(P)	BT-711(P)	8/21/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.4 U	0.5 U
TW-711(P)	TW-711(P)	8/21/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.4 U	0.5 U
TW-712(P)	TW-712(P)	8/21/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.4 U	0.5 U
TW-714(P)	TW-714(P)	8/21/2002					914		10 U	
TW-716(P)	TW-716(P)	8/20/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.4 U	0.5 U
TW-717(P)	TW-717(P)	8/20/2002	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.4 U	0.5 U
TW-718(P)	TW-718(P)	8/21/2002					1 U		0.5 U	
TW-719(P)	BT-719(P)	8/23/2002					1 U		0.5 U	
TW-719(P)	TW-719(P)	8/23/2002					1 U		0.5 U	
TW-720(P)	TW-720(P)	8/23/2002					1810		10 U	
TW-800(Q)	TW-800(Q)-10.5	8/27/2002								
TW-801(Q)	TW801(Q)-10	8/26/2002								
TW-803(Q)	TW-803(Q)-9	8/26/2002								
TW-805(Q)	TW-805(Q)-10	8/26/2002								
TW-806(Q)	TW-806 (Q)-11	8/28/2002								
TW-810(Q)	TW-810 (Q)-8	8/28/2002								

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

Locator ID	Sample ID	Sample Date	1,1-Dichloropropene ug/L	1,2,3-Trichlorobenzene ug/L	1,2,3-Trichloropropane ug/L	1,2,4-Trichlorobenzene ug/L	1,2,4-Trimethylbenzene ug/L	1,2-Dibromo-3-chloropropane ug/L	1,2-Dibromoethane ug/L	1,2-Dichlorobenzene ug/L
TW-814(Q)	TW-814(Q)9	8/27/2002								
TW-816(Q)	TW-816(Q)-12	8/27/2002								
TW-818(Q)	TW-818 (Q)-11	8/28/2002								
TW-819(Q)	TW-819 (Q)-9.5	8/28/2002								
TW-819(Q)	TW-819 (Q)-9.5	8/28/2002								
TW-820(Q)	TW-820 (Q)-10	8/29/2002								
TW-822(Q)	TW-822 (Q)-9	8/29/2002								
TW-824(Q)	TW-824(Q)-9	8/28/2002								
TW-825(Q)	TW-825(Q)-8.5	8/27/2002								
TW-826(Q)	TW-826(Q)-9	8/27/2002								
TW-826(Q)	TW-826 (Q)-8.5	8/29/2002								
TW-828(Q)	TW-828 (Q)-8.5	8/29/2002								
TW-833(Q)	TW-833 (Q)-10.	8/28/2002								
TW-900(S)	SB-900(TW)	8/26/2002								
TW-901(S)	SB-901(TW)	8/26/2002					468		2.5 U	
TW-901(S)	SB-901(TW)	8/26/2002								
TW-902(S)	SB-902(TW)	8/26/2002								
TW-903(S)	SB-903(TW)	8/26/2002					79.8		0.5 U	
TW-903(S)	SB-903(TW)	8/26/2002								
TW-904(S)	SB-904(TW)	8/26/2002					1.6		0.5 U	
TW-904(S)	SB-904(TW)	8/26/2002								
TW-905(S)	SB-905(TW)	8/26/2002					35.6 J		0.5 U	
TW-905(S)	SB-905(TW)	8/26/2002								
TW-906(S)	SB-906(TW)	8/27/2002					15.6		0.5 U	
TW-906(S)	SB-906(TW)	8/27/2002								
TW-908(S)	SB-908(TW)	8/27/2002					0.3 J		0.5 U	
TW-908(S)	SB-908(TW)	8/27/2002								
TW-909(S)	SB-909(TW)	8/27/2002								
TW-910(S)	SB-910(TW)	8/26/2002								
TW-911(S)	SB-911(TW)	8/27/2002					0.27 J		0.5 U	
TW-911(S)	SB-911(TW)	8/27/2002								

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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	1,2-Dichloroethane ug/L	1,2-Dichloropropane ug/L	1,3,5-Trimethylbenzene ug/L	1,3-Dichlorobenzene ug/L	1,3-Dichloropropane ug/L	1,4-Dichlorobenzene ug/L	2,2-Dichloropropane ug/L	2-Butanone ug/L
MW-1(F)	MW-1-082302	8/23/2002	0.5 U		0.5 U					
MW-1(F)	MW-1-082302	8/23/2002								
MW-1(F)	MW-1(F)	10/22/2003	0.5 U		0.42 J					
MW-1(F)	MW-1 (F)	1/15/2004	0.5 U		0.5 U					
MW-1(F)	MW-1(F)	4/15/2004	0.5 U		0.5 U					
MW-1(F)	MW-1 (F)	7/20/2004	0.5 U		0.5 U					
MW-2(M)	MW-2(M)	6/19/2003	2.5 U		14.6					
MW-2(M)	MW-2 (M)	10/15/2003	0.5 U		0.5 U					
MW-2(M)	MW-2 (M)	1/12/2004	0.5 U		0.5 U					
MW-2(M)	MW-2(M)	4/14/2004	2.5 U		3.55					
MW-2(M)	MW-2 (M)	7/22/2004	2.5 U		2.7					
MW-6(M)	MW-6(M)	6/19/2003	0.5 U		0.5 U					
MW-6(M)	MW-6(M)	10/22/2003	0.5 U		0.5 U					
MW-6(M)	MW-6 (M)	1/12/2004	0.5 U		0.2					
MW-6(M)	MW-6 (M)	4/13/2004	0.5 U		0.5 U					
MW-6(M)	MW-6 (M)	7/19/2004	0.5 U		0.5 U					
MW-7(M)	BM-7(M)	6/19/2003	0.5 U		0.5 U					
MW-7(M)	MW-7(M)	6/19/2003	0.5 U		0.5 U					
MW-7(M)	MW-7(M)	10/13/2003	0.5 U		0.5 U					
MW-7(M)	MW-7 (M)	1/12/2004	0.5 U		0.5 U					
MW-7(M)	MW-7 (M)	4/12/2004	0.5 U		0.5 U					
MW-7(M)	MW-7 (M)	7/19/2004	0.5 U		0.5 U					
MW-10(M)	MW-10(M)	6/19/2003	0.5 U		7.58					
MW-10(M)	MW-10 (M)	10/15/2003	1 U		1.34					
MW-10(M)	MW-10 (M)	1/13/2004	0.5 U		4.55					
MW-10(M)	MW-10 (M)	4/13/2004	0.5 U		3.15					
MW-10(M)	MW-10 (M)	7/19/2004	0.5 U		4.76					
MW-11(M)	MW-11(M)	6/19/2003	0.5 U		0.5 U					
MW-11(M)	MW-11 (M)	10/15/2003	0.5 U		0.31 J					
MW-11(M)	MW-11 (M)	1/13/2004	0.5 U		0.5 U					
MW-11(M)	MW-11 (M)	4/13/2004	0.5 U		0.5 U					
MW-11(M)	MW-11 (M)	7/21/2004	0.5 U		0.5 U					

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

Locator ID	Sample ID	Sample Date	1,2-Dichloroethane ug/L	1,2-Dichloropropane ug/L	1,3,5-Trimethylbenzene ug/L	1,3-Dichlorobenzene ug/L	1,3-Dichloropropane ug/L	1,4-Dichlorobenzene ug/L	2,2-Dichloropropane ug/L	2-Butanone ug/L
MW-12(A)	MW-12(A)	10/22/2003	0.5 U		0.5 U					
MW-12(A)	MW-12(A)	1/15/2004	0.5 U		0.5 U					
MW-12(A)	MW-12(A)	4/16/2004	0.5 U		0.5 U					
MW-12(A)	MW-12(A)	7/22/2004	0.5 U		0.5 U					
MW-13(A)	MW-13(A)	10/22/2003	2.5 U		42.8					
MW-13(A)	MW-13(A)	1/15/2004	6.8		10 U					
MW-13(A)	MW-13(A)	4/16/2004	10 U		41.8					
MW-13(A)	MW-13(A)	7/22/2004	10 U		45.4					
MW-14(A)	MW-14(A)	10/21/2003	0.5 U		0.17 J					
MW-14(A)	MW-14(A)	1/15/2004	0.5 U		0.5 U					
MW-14(A)	MW-14(A)	4/16/2004	0.5 U		0.5 U					
MW-14(A)	MW-14(A)	7/23/2004	0.5 U		0.5 U					
MW-15(A)	MW-15(A)	10/20/2003	0.26 J		6.87					
MW-16(A)	MW-16(A)	10/20/2003	0.5 U		0.93					
MW-16(A)	MW-16(A)	1/19/2004	0.5 U		0.5 U					
MW-16(A)	MW-16(A)	4/15/2004	0.5 U		0.5 U					
MW-16(A)	MW-16(A)	7/22/2004	0.5 U		0.5 U					
MW-17(A)	BM-17(A)	7/22/2004	0.5 U		0.5 U					
MW-17(A)	MW-17(A)	10/17/2003	0.5 U		0.54					
MW-17(A)	BM-17(A)	1/19/2004	0.5 U		2.21					
MW-17(A)	MW-17(A)	1/19/2004	0.5 U		2.64					
MW-17(A)	MW-17(A)	4/15/2004	0.5 U		1.73					
MW-17(A)	MW-17(A)	7/22/2004	0.5 U		0.5 U					
MW-18(A)	MW-18(A)	10/21/2003	1 U		1.56					
MW-18(A)	MW-18(A)	1/19/2004	0.5 U		1.15					
MW-18(A)	MW-18(A)	4/15/2004	0.5 U		0.5 U					
MW-18(A)	MW-18(A)	7/21/2004	0.5 U		0.34 J					

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

Locator ID	Sample ID	Sample Date	1,2-Dichloroethane ug/L	1,2-Dichloropropane ug/L	1,3,5-Trimethylbenzene ug/L	1,3-Dichlorobenzene ug/L	1,3-Dichloropropane ug/L	1,4-Dichlorobenzene ug/L	2,2-Dichloropropane ug/L	2-Butanone ug/L
MW-19(A)	BM-19(A)	10/20/2003	0.5 U		0.5 U					
MW-19(A)	MW-19(A)	10/20/2003	0.5 U		0.5 U					
MW-19(A)	MW-19 (A)	1/13/2004	0.5 U		0.5 U					
MW-19(A)	MW-19(A)	4/15/2004	0.5 U		0.5 U					
MW-19(A)	BM-19 (A)	7/20/2004	0.5 U		0.5 U					
MW-19(A)	MW-19 (A)	7/20/2004	0.5 U		0.5 U					
MW-20(A)	MW-20(A)	10/20/2003	0.5 U		2.06					
MW-20(A)	MW-20 (A)	1/13/2004	0.5 U		7.32					
MW-20(A)	MW-20(A)	4/15/2004	0.5 U		0.59					
MW-20(A)	MW-20 (A)	7/20/2004	0.5 U		1.89					
MW-21(A)	MW-21(A)	10/20/2003	0.5 U		0.24 J					
MW-21(A)	BM-21 (A)	1/13/2004	0.5 U		0.5 U					
MW-21(A)	MW-21 (A)	1/13/2004	0.5 U		0.5 U					
MW-21(A)	MW-21(A)	4/16/2004	0.5 U		0.5 U					
MW-21(A)	MW-21 (A)	7/20/2004	0.5 U		0.5 U					
MW-22(A)	MW-22 (A)	10/16/2003	0.5 U		0.5 U					
MW-22(A)	MW-22(A)	1/19/2004	0.5 U		0.5 U					
MW-22(A)	MW-22(A)	4/15/2004	0.5 U		0.5 U					
MW-22(A)	MW-22 (A)	7/20/2004	0.5 U		0.5 U					
MW-23(A)	MW-23(A)	10/20/2003	0.5 U		0.5 U					
MW-23(A)	MW-23 (A)	1/15/2004	0.5 U		0.5 U					
MW-23(A)	BM-23(A)	4/15/2004	0.5 U		0.57					
MW-23(A)	MW-23(A)	4/15/2004	0.5 U		0.84					
MW-23(A)	MW-23 (A)	7/20/2004	0.5 U		0.5 U					
MW-24(A)	MW-24(A)	10/21/2003	0.5 U		1.35					
MW-24(A)	MW-24 (A)	1/15/2004	5 U		33.9					
MW-24(A)	MW-24(A)	4/14/2004	0.5 U		3.87					
MW-24(A)	MW-24 (A)	7/22/2004	0.5 U		1.4					

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

Locator ID	Sample ID	Sample Date	1,2-Dichloroethane ug/L	1,2-Dichloropropane ug/L	1,3,5-Trimethylbenzene ug/L	1,3-Dichlorobenzene ug/L	1,3-Dichloropropane ug/L	1,4-Dichlorobenzene ug/L	2,2-Dichloropropane ug/L	2-Butanone ug/L
MW-26(A)	MW-26 (A)	10/17/2003	2.5 U		135					
MW-26(A)	MW-26 (A)	1/15/2004	10 U		682					
MW-26(A)	MW-26(A)	4/14/2004	10 U		565					
MW-26(A)	MW-26 (A)	7/22/2004	10 U		665					
MW-27(A)	MW-27(A)	10/21/2003	0.5 U		0.5 U					
MW-27(A)	MW-27 (A)	1/14/2004	0.5 U		0.5 U					
MW-27(A)	MW-27 (A)	4/14/2004	0.5 U		0.5 U					
MW-27(A)	MW-27 (A)	7/22/2004	0.5 U		0.5 U					
MW-28(A)	MW-28 (A)	10/17/2003	5 U		138					
MW-28(A)	MW-28(A)	1/19/2004	5 U		204					
MW-28(A)	MW-28(A)	4/14/2004	5 U		51.2					
MW-28(A)	MW-28 (A)	7/23/2004	2.5 U		28.4					
MW-29(A)	MW-29(A)	10/21/2003	25 U		446					
MW-29(A)	MW-29(A)	1/19/2004	25 U		568					
MW-29(A)	MW-29(A)	4/16/2004	25 U		396					
MW-29(A)	MW-29 (A)	7/22/2004	25 U		521					
MW-30(A)	MW-30 (A)	10/16/2003	10 U		34.8					
MW-30(A)	MW-30 (A)	1/16/2004	10 U		14.2					
MW-30(A)	MW-30 (A)	4/13/2004	5 U		85.5					
MW-30(A)	MW-30 (A)	7/20/2004	10 U		60.6					
MW-31(A)	BM-31 (A)	10/16/2003	5 U		3.9 J					
MW-31(A)	MW-31 (A)	10/16/2003	5 U		3.9					
MW-31(A)	MW-31 (A)	1/12/2004	5 U		2.2					
MW-31(A)	BM-31 (A)	4/13/2004	2.5 U		2.7					
MW-31(A)	MW-31 (A)	4/13/2004	2.5 U		2.65					
MW-31(A)	MW-31 (A)	7/20/2004	5 U		4.8 J					
MW-32(A)	MW-32(A)	10/14/2003	0.5 U		0.5 U					
MW-32(A)	MW-32 (A)	1/12/2004	0.5 U		0.5 U					
MW-32(A)	MW-32 (A)	4/13/2004	0.5 U		0.5 U					
MW-32(A)	MW-32 (A)	7/19/2004	0.5 U		0.5 U					

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

Locator ID	Sample ID	Sample Date	1,2-Dichloroethane ug/L	1,2-Dichloropropane ug/L	1,3,5-Trimethylbenzene ug/L	1,3-Dichlorobenzene ug/L	1,3-Dichloropropane ug/L	1,4-Dichlorobenzene ug/L	2,2-Dichloropropane ug/L	2-Butanone ug/L
MW-33(A)	MW-33(A)	10/14/2003	0.5 U		0.5 U					
MW-33(A)	MW-33 (A)	1/12/2004	0.5 U		0.5 U					
MW-33(A)	MW-33 (A)	4/13/2004	0.5 U		0.5 U					
MW-33(A)	MW-33 (A)	7/19/2004	0.5 U		0.5 U					
MW-34(A)	MW-34(A)	10/14/2003	0.5 U		0.5 U					
MW-34(A)	MW-34 (A)	1/13/2004	0.5 U		0.5 U					
MW-34(A)	MW-34 (A)	4/14/2004	0.5 U		0.5 U					
MW-34(A)	MW-34 (A)	7/20/2004	0.5 U		0.5 U					
MW-35(A)	MW-35 (A)	10/16/2003	0.5 U		0.5 U					
MW-35(A)	MW-35 (A)	1/16/2004	0.5 U		0.5 U					
MW-35(A)	MW-35 (A)	4/13/2004	0.5 U		0.5 U					
MW-35(A)	MW-35 (A)	7/20/2004	0.5 U		0.5 U					
MW-36(A)	MW-36(A)	10/21/2003	0.5 U		0.5 U					
MW-36(A)	MW-36 (A)	1/14/2004	0.5 U		0.5 U					
MW-36(A)	MW-36 (A)	4/14/2004	0.5 U		0.5 U					
MW-36(A)	MW-36 (A)	7/22/2004	0.5 U		0.5 U					
MW-37(A)	MW-37 (A)	10/17/2003	0.5 U		2.96					
MW-38(A)	MW-38(A)	10/21/2003	0.5 U		0.5 U					
MW-38(A)	MW-38 (A)	1/14/2004	0.5 U		0.5 U					
MW-38(A)	MW-38 (A)	4/14/2004	0.5 U		0.5 U					
MW-38(A)	MW-38 (A)	7/22/2004	0.5 U		0.5 U					
MW-39(A)	MW-39 (A)	10/16/2003	0.5 U		3.02					
MW-39(A)	MW-39 (A)	1/16/2004	0.5 U		2.7					
MW-39(A)	MW-39 (A)	4/14/2004	0.5 U		1.12					
MW-39(A)	MW-39 (A)	7/21/2004	0.5 U		1.9					
MW-39(A)	Trip Blank	7/21/2004	0.5 U		0.5 U					
MW-39(A)	Trip Blank	7/22/2004	0.5 U		0.5 U					

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

Locator ID	Sample ID	Sample Date	1,2-Dichloroethane ug/L	1,2-Dichloropropane ug/L	1,3,5-Trimethylbenzene ug/L	1,3-Dichlorobenzene ug/L	1,3-Dichloropropane ug/L	1,4-Dichlorobenzene ug/L	2,2-Dichloropropane ug/L	2-Butanone ug/L
MW-40(A)	MW-40 (A)	10/17/2003	2.5 U		8.7					
MW-40(A)	MW-40(A)	1/20/2004	10 U		527					
MW-40(A)	MW-40(A)	4/16/2004	25 U		620					
MW-41(A)	MW-41(A)	10/14/2003	5 U		5 U					
MW-42(A)	MW-42 (A)	10/15/2003	10 U		11.2					
MW-43(A)	MW-43(A)	10/13/2003	0.5 U		0.5 U					
MW-43(A)	MW-43 (A)	1/12/2004	0.5 U		0.5 U					
MW-43(A)	MW-43 (A)	4/13/2004	0.5 U		0.5 U					
MW-43(A)	MW-43 (A)	7/21/2004	0.5 U		0.5 U					
MW-44(A)	MW-44 (A)	10/17/2003	25 U		898					
MW-45(A)	MW-45 (A)	10/16/2003	0.5 U		0.5 U					
MW-45(A)	MW-45 (A)	1/16/2004	0.5 U		0.5 U					
MW-45(A)	MW-45 (A)	4/14/2004	0.5 U		0.5 U					
MW-45(A)	MW-45 (A)	7/21/2004	0.5 U		0.5 U					
MW-46(A)	MW-46(A)	10/14/2003	0.5 U		0.5 U					
MW-46(A)	MW-46(A)	1/14/2004	0.5 U		0.5 U					
MW-46(A)	MW-46 (A)	4/12/2004	0.5 U		0.5 U					
MW-46(A)	MW-46 (A)	7/21/2004	0.5 U		0.5 U					
MW-47(A)	MW-47(A)	10/13/2003	0.5 U		0.5 U					
MW-47(A)	MW-47 (A)	1/14/2004	0.5 U		0.5 U					
MW-47(A)	MW-47 (A)	4/12/2004	0.5 U		0.5 U					
MW-47(A)	MW-47 (A)	7/21/2004	0.5 U		0.5 U					
MW-48(A)	MW-48(A)	10/14/2003	0.5 U		0.5 U					
MW-48(A)	MW-48 (A)	1/14/2004	0.5 U		0.5 U					
MW-48(A)	MW-48 (A)	4/12/2004	0.5 U		0.5 U					
MW-48(A)	MW-48 (A)	7/21/2004	0.5 U		0.5 U					

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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	1,2-Dichloroethane ug/L	1,2-Dichloropropane ug/L	1,3,5-Trimethylbenzene ug/L	1,3-Dichlorobenzene ug/L	1,3-Dichloropropane ug/L	1,4-Dichlorobenzene ug/L	2,2-Dichloropropane ug/L	2-Butanone ug/L
R-1(M)	R-1(M)	10/22/2003	0.5 U		0.5 U					
TW-100(C)	SB100(C)W	8/22/2002	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
TW-103(C)	SB103(C)W	8/22/2002	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
TW-104(C)	SB104(C)W	8/22/2002	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
TW-200(C)	SB200(C)W	8/22/2002	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
TW-201(C)	SB201(C)W	8/22/2002	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
TW-202(C)	SB202(C)W	8/22/2002	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
TW-203(C)	SB203(C)W	8/22/2002	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
TW-204(C)	SB204(C)W	8/22/2002	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
TW-204(C)	SB204(C)W2	8/22/2002	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
TW-304(D)	SB-304-D-9.0	8/19/2002								
TW-304(D)	SB-304-D-9.0 D	8/19/2002								
TW-305(D)	SB-305-D-9.0	8/19/2002	10 U		958					
TW-306(D)	SB-306-D-9.0	8/19/2002								
TW-307(D)	SB-307-D-9.0	8/19/2002								
TW-309(D)	SB-309-D-9.0	8/19/2002	0.5 U		0.58					
TW-311(D)	SB-311-D-10.0	8/19/2002								
TW-312(D)	SB-312-D-10.0	8/19/2002	0.5 U		0.5 U					
TW-313(D)	TW-313-D-22.0	8/20/2002								
TW-314(D)	TW-314-D-22.0	8/20/2002								
TW-318(D)	TW-318-D-22.0	8/20/2002	0.5 U		0.5 U					
TW-319(D)	SB-319-D-14.0	8/19/2002								
TW-400(F)	TW-400(F)	8/22/2002								
TW-401(F)	TW-401(F)	8/23/2002								
TW-402(F)	TW-402(F)	8/23/2002								
TW-405(F)	TW-405(F)	8/22/2002								
TW-406(F)	TW-406(F)	8/22/2002								
TW-407(F)	TW-407(F)	8/22/2002								
TW-408(F)	TW-408(F)	8/22/2002								
TW-409(F)	TW-409(F)	8/22/2002								
TW-600(N)	TW-600(N)	9/13/2002	2.5 U		2.5 U					
TW-601(N)	TW-601(N)	9/13/2002	1 U		1 U					
TW-602(N)	BT-602(N)	9/13/2002	0.5 U		0.5 U					
TW-602(N)	TW-602(N)	9/13/2002	0.5 U		0.5 U					
TW-603(N)	TW-603(N)	9/13/2002	0.5 U		0.5 U					
TW-608(N)	TW-608 (N)	9/13/2002	0.5 U		0.5 U					
TW-612(N)	TW-612(N)	9/12/2002	25 U		25 U					
TW-612(N)	TW-612(N)	9/12/2002								

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

Locator ID	Sample ID	Sample Date	1,2-Dichloroethane ug/L	1,2-Dichloropropane ug/L	1,3,5-Trimethylbenzene ug/L	1,3-Dichlorobenzene ug/L	1,3-Dichloropropane ug/L	1,4-Dichlorobenzene ug/L	2,2-Dichloropropane ug/L	2-Butanone ug/L
TW-616(N)	TW-616(N)	9/12/2002	0.5 U		0.5 U					
TW-616(N)	TW-616(N)	9/12/2002								
TW-619(N)	TW-619(N)	9/12/2002	2.5 U		2.5 U					
TW-619(N)	TW-619(N)	9/12/2002								
TW-623(N)	TW-623(N)	9/12/2002	0.5 U		20.8					
TW-623(N)	TW-623(N)	9/12/2002								
TW-624(N)	TW-624(N)	9/12/2002	0.4 U	0.5 U	50.5	0.5 U	0.5 U	0.5 U	0.5 U	10 U
TW-624(N)	TW-624(N)	9/12/2002				5 U		5 U		
TW-625(N)	BT-625(N)	9/12/2002								
TW-625(N)	TW-625(N)	9/12/2002								
TW-700(P)	TW-700(P)	8/21/2002	2 U	2.5 U	272	2.5 U	2.5 U	2.5 U	2.5 U	50 U
TW-701(P)	TW-701(P)	8/20/2002	4 U	5 U	5 U	5 U	5 U	5 U	5 U	100 U
TW-702(P)	TW-702(P)	8/21/2002	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
TW-703(P)	TW-703(P)	8/21/2002	0.8 U	1 U	33.5	1 U	1 U	1 U	1 U	20 U
TW-704(P)	TW-704(P)	8/21/2002	0.4 U	0.5 U	6.07	0.5 U	0.5 U	0.5 U	0.5 U	10 U
TW-706(P)	TW-706(P)	8/21/2002	2 U	2.5 U	40.8	2.5 U	2.5 U	2.5 U	2.5 U	50 U
TW-707(P)	TW-707(P)	8/21/2002	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
TW-708(P)	BT-708(P)	8/20/2002	5 U		5 U					
TW-708(P)	TW-708(P)	8/20/2002	5 U		5 U					
TW-709(P)	TW-709(P)	8/21/2002	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
TW-710(P)	TW-710(P)	8/21/2002	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
TW-711(P)	BT-711(P)	8/21/2002	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
TW-711(P)	TW-711(P)	8/21/2002	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
TW-712(P)	TW-712(P)	8/21/2002	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
TW-714(P)	TW-714(P)	8/21/2002	10 U		115					
TW-716(P)	TW-716(P)	8/20/2002	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
TW-717(P)	TW-717(P)	8/20/2002	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
TW-718(P)	TW-718(P)	8/21/2002	0.5 U		0.5 U					
TW-719(P)	BT-719(P)	8/23/2002	0.5 U		0.5 U					
TW-719(P)	TW-719(P)	8/23/2002	0.5 U		0.5 U					
TW-720(P)	TW-720(P)	8/23/2002	10 U		119					
TW-800(Q)	TW-800(Q)-10.5	8/27/2002								
TW-801(Q)	TW801(Q)-10	8/26/2002								
TW-803(Q)	TW-803(Q)-9	8/26/2002								
TW-805(Q)	TW-805(Q)-10	8/26/2002								
TW-806(Q)	TW-806 (Q)-11	8/28/2002								
TW-810(Q)	TW-810 (Q)-8	8/28/2002								

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Locator ID	Sample ID	Sample Date	1,2-Dichloroethane ug/L	1,2-Dichloropropane ug/L	1,3,5-Trimethylbenzene ug/L	1,3-Dichlorobenzene ug/L	1,3-Dichloropropane ug/L	1,4-Dichlorobenzene ug/L	2,2-Dichloropropane ug/L	2-Butanone ug/L
TW-814(Q)	TW-814(Q)9	8/27/2002								
TW-816(Q)	TW-816(Q)-12	8/27/2002								
TW-818(Q)	TW-818 (Q)-11	8/28/2002								
TW-819(Q)	TW-819 (Q)-9.5	8/28/2002								
TW-819(Q)	TW-819 (Q)-9.5	8/28/2002								
TW-820(Q)	TW-820 (Q)-10	8/29/2002								
TW-822(Q)	TW-822 (Q)-9	8/29/2002								
TW-824(Q)	TW-824(Q)-9	8/28/2002								
TW-825(Q)	TW-825(Q)-8.5	8/27/2002								
TW-826(Q)	TW-826(Q)-9	8/27/2002								
TW-826(Q)	TW-826 (Q)-8.5	8/29/2002								
TW-828(Q)	TW-828 (Q)-8.5	8/29/2002								
TW-833(Q)	TW-833 (Q)-10.	8/28/2002								
TW-900(S)	SB-900(TW)	8/26/2002								
TW-901(S)	SB-901(TW)	8/26/2002	2.5 U		147					
TW-901(S)	SB-901(TW)	8/26/2002								
TW-902(S)	SB-902(TW)	8/26/2002								
TW-903(S)	SB-903(TW)	8/26/2002	0.5 U		17.4					
TW-903(S)	SB-903(TW)	8/26/2002								
TW-904(S)	SB-904(TW)	8/26/2002	0.5 U		0.35 J					
TW-904(S)	SB-904(TW)	8/26/2002								
TW-905(S)	SB-905(TW)	8/26/2002	0.5 U		7.17 J					
TW-905(S)	SB-905(TW)	8/26/2002								
TW-906(S)	SB-906(TW)	8/27/2002	0.5 U		3.89					
TW-906(S)	SB-906(TW)	8/27/2002								
TW-908(S)	SB-908(TW)	8/27/2002	0.5 U		0.5 U					
TW-908(S)	SB-908(TW)	8/27/2002								
TW-909(S)	SB-909(TW)	8/27/2002								
TW-910(S)	SB-910(TW)	8/26/2002								
TW-911(S)	SB-911(TW)	8/27/2002	0.5 U		0.5 U					
TW-911(S)	SB-911(TW)	8/27/2002								

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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	2-Chloroethyl vinyl ether ug/L	2-Chlorotoluene ug/L	2-Hexanone ug/L	4-Bromophenyl phenyl ether ug/L	4-Chlorophenyl phenyl ether ug/L	4-Chlorotoluene ug/L	4-Isopropyltoluene ug/L	4-Methyl-2- pentanone ug/L
MW-1(F)	MW-1-082302	8/23/2002								
MW-1(F)	MW-1-082302	8/23/2002								
MW-1(F)	MW-1(F)	10/22/2003								
MW-1(F)	MW-1 (F)	1/15/2004								
MW-1(F)	MW-1(F)	4/15/2004								
MW-1(F)	MW-1 (F)	7/20/2004								
MW-2(M)	MW-2(M)	6/19/2003								
MW-2(M)	MW-2 (M)	10/15/2003								
MW-2(M)	MW-2 (M)	1/12/2004								
MW-2(M)	MW-2(M)	4/14/2004								
MW-2(M)	MW-2 (M)	7/22/2004								
MW-6(M)	MW-6(M)	6/19/2003								
MW-6(M)	MW-6(M)	10/22/2003								
MW-6(M)	MW-6 (M)	1/12/2004								
MW-6(M)	MW-6 (M)	4/13/2004								
MW-6(M)	MW-6 (M)	7/19/2004								
MW-7(M)	BM-7(M)	6/19/2003								
MW-7(M)	MW-7(M)	6/19/2003								
MW-7(M)	MW-7(M)	10/13/2003								
MW-7(M)	MW-7 (M)	1/12/2004								
MW-7(M)	MW-7 (M)	4/12/2004								
MW-7(M)	MW-7 (M)	7/19/2004								
MW-10(M)	MW-10(M)	6/19/2003								
MW-10(M)	MW-10 (M)	10/15/2003								
MW-10(M)	MW-10 (M)	1/13/2004								
MW-10(M)	MW-10 (M)	4/13/2004								
MW-10(M)	MW-10 (M)	7/19/2004								
MW-11(M)	MW-11(M)	6/19/2003								
MW-11(M)	MW-11 (M)	10/15/2003								
MW-11(M)	MW-11 (M)	1/13/2004								
MW-11(M)	MW-11 (M)	4/13/2004								
MW-11(M)	MW-11 (M)	7/21/2004								

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

Locator ID	Sample ID	Sample Date	2-Chloroethyl vinyl ether ug/L	2-Chlorotoluene ug/L	2-Hexanone ug/L	4-Bromophenyl phenyl ether ug/L	4-Chlorophenyl phenyl ether ug/L	4-Chlorotoluene ug/L	4-Isopropyltoluene ug/L	4-Methyl-2- pentanone ug/L
MW-12(A)	MW-12(A)	10/22/2003								
MW-12(A)	MW-12 (A)	1/15/2004								
MW-12(A)	MW-12(A)	4/16/2004								
MW-12(A)	MW-12 (A)	7/22/2004								
MW-13(A)	MW-13(A)	10/22/2003								
MW-13(A)	MW-13 (A)	1/15/2004								
MW-13(A)	MW-13(A)	4/16/2004								
MW-13(A)	MW-13 (A)	7/22/2004								
MW-14(A)	MW-14(A)	10/21/2003								
MW-14(A)	MW-14 (A)	1/15/2004								
MW-14(A)	MW-14(A)	4/16/2004								
MW-14(A)	MW-14 (A)	7/23/2004								
MW-15(A)	MW-15(A)	10/20/2003								
MW-16(A)	MW-16(A)	10/20/2003								
MW-16(A)	MW-16(A)	1/19/2004								
MW-16(A)	MW-16(A)	4/15/2004								
MW-16(A)	MW-16 (A)	7/22/2004								
MW-17 (A)	BM-17 (A)	7/22/2004								
MW-17(A)	MW-17 (A)	10/17/2003								
MW-17(A)	BM-17(A)	1/19/2004								
MW-17(A)	MW-17(A)	1/19/2004								
MW-17(A)	MW-17(A)	4/15/2004								
MW-17(A)	MW-17 (A)	7/22/2004								
MW-18(A)	MW-18(A)	10/21/2003								
MW-18(A)	MW-18(A)	1/19/2004								
MW-18(A)	MW-18(A)	4/15/2004								
MW-18(A)	MW-18 (A)	7/21/2004								

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

Locator ID	Sample ID	Sample Date	2-Chloroethyl vinyl ether ug/L	2-Chlorotoluene ug/L	2-Hexanone ug/L	4-Bromophenyl phenyl ether ug/L	4-Chlorophenyl phenyl ether ug/L	4-Chlorotoluene ug/L	4-Isopropyltoluene ug/L	4-Methyl-2- pentanone ug/L
MW-19(A)	BM-19(A)	10/20/2003								
MW-19(A)	MW-19(A)	10/20/2003								
MW-19(A)	MW-19 (A)	1/13/2004								
MW-19(A)	MW-19(A)	4/15/2004								
MW-19(A)	BM-19 (A)	7/20/2004								
MW-19(A)	MW-19 (A)	7/20/2004								
MW-20(A)	MW-20(A)	10/20/2003								
MW-20(A)	MW-20 (A)	1/13/2004								
MW-20(A)	MW-20(A)	4/15/2004								
MW-20(A)	MW-20 (A)	7/20/2004								
MW-21(A)	MW-21(A)	10/20/2003								
MW-21(A)	BM-21 (A)	1/13/2004								
MW-21(A)	MW-21 (A)	1/13/2004								
MW-21(A)	MW-21(A)	4/16/2004								
MW-21(A)	MW-21 (A)	7/20/2004								
MW-22(A)	MW-22 (A)	10/16/2003								
MW-22(A)	MW-22(A)	1/19/2004								
MW-22(A)	MW-22(A)	4/15/2004								
MW-22(A)	MW-22 (A)	7/20/2004								
MW-23(A)	MW-23(A)	10/20/2003								
MW-23(A)	MW-23 (A)	1/15/2004								
MW-23(A)	BM-23(A)	4/15/2004								
MW-23(A)	MW-23(A)	4/15/2004								
MW-23(A)	MW-23 (A)	7/20/2004								
MW-24(A)	MW-24(A)	10/21/2003								
MW-24(A)	MW-24 (A)	1/15/2004								
MW-24(A)	MW-24(A)	4/14/2004								
MW-24(A)	MW-24 (A)	7/22/2004								

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

Locator ID	Sample ID	Sample Date	2-Chloroethyl vinyl ether ug/L	2-Chlorotoluene ug/L	2-Hexanone ug/L	4-Bromophenyl phenyl ether ug/L	4-Chlorophenyl phenyl ether ug/L	4-Chlorotoluene ug/L	4-Isopropyltoluene ug/L	4-Methyl-2- pentanone ug/L
MW-26(A)	MW-26 (A)	10/17/2003								
MW-26(A)	MW-26 (A)	1/15/2004								
MW-26(A)	MW-26(A)	4/14/2004								
MW-26(A)	MW-26 (A)	7/22/2004								
MW-27(A)	MW-27(A)	10/21/2003								
MW-27(A)	MW-27 (A)	1/14/2004								
MW-27(A)	MW-27 (A)	4/14/2004								
MW-27(A)	MW-27 (A)	7/22/2004								
MW-28(A)	MW-28 (A)	10/17/2003								
MW-28(A)	MW-28(A)	1/19/2004								
MW-28(A)	MW-28(A)	4/14/2004								
MW-28(A)	MW-28 (A)	7/23/2004								
MW-29(A)	MW-29(A)	10/21/2003								
MW-29(A)	MW-29(A)	1/19/2004								
MW-29(A)	MW-29(A)	4/16/2004								
MW-29(A)	MW-29 (A)	7/22/2004								
MW-30(A)	MW-30 (A)	10/16/2003								
MW-30(A)	MW-30 (A)	1/16/2004								
MW-30(A)	MW-30 (A)	4/13/2004								
MW-30(A)	MW-30 (A)	7/20/2004								
MW-31(A)	BM-31 (A)	10/16/2003								
MW-31(A)	MW-31 (A)	10/16/2003								
MW-31(A)	MW-31 (A)	1/12/2004								
MW-31(A)	BM-31 (A)	4/13/2004								
MW-31(A)	MW-31 (A)	4/13/2004								
MW-31(A)	MW-31 (A)	7/20/2004								
MW-32(A)	MW-32(A)	10/14/2003								
MW-32(A)	MW-32 (A)	1/12/2004								
MW-32(A)	MW-32 (A)	4/13/2004								
MW-32(A)	MW-32 (A)	7/19/2004								

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

Locator ID	Sample ID	Sample Date	2-Chloroethyl vinyl ether ug/L	2-Chlorotoluene ug/L	2-Hexanone ug/L	4-Bromophenyl phenyl ether ug/L	4-Chlorophenyl phenyl ether ug/L	4-Chlorotoluene ug/L	4-Isopropyltoluene ug/L	4-Methyl-2- pentanone ug/L
MW-33(A)	MW-33(A)	10/14/2003								
MW-33(A)	MW-33 (A)	1/12/2004								
MW-33(A)	MW-33 (A)	4/13/2004								
MW-33(A)	MW-33 (A)	7/19/2004								
MW-34(A)	MW-34(A)	10/14/2003								
MW-34(A)	MW-34 (A)	1/13/2004								
MW-34(A)	MW-34 (A)	4/14/2004								
MW-34(A)	MW-34 (A)	7/20/2004								
MW-35(A)	MW-35 (A)	10/16/2003								
MW-35(A)	MW-35 (A)	1/16/2004								
MW-35(A)	MW-35 (A)	4/13/2004								
MW-35(A)	MW-35 (A)	7/20/2004								
MW-36(A)	MW-36(A)	10/21/2003								
MW-36(A)	MW-36 (A)	1/14/2004								
MW-36(A)	MW-36 (A)	4/14/2004								
MW-36(A)	MW-36 (A)	7/22/2004								
MW-37(A)	MW-37 (A)	10/17/2003								
MW-38(A)	MW-38(A)	10/21/2003								
MW-38(A)	MW-38 (A)	1/14/2004								
MW-38(A)	MW-38 (A)	4/14/2004								
MW-38(A)	MW-38 (A)	7/22/2004								
MW-39(A)	MW-39 (A)	10/16/2003								
MW-39(A)	MW-39 (A)	1/16/2004								
MW-39(A)	MW-39 (A)	4/14/2004								
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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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	2-Chloroethyl vinyl ether ug/L	2-Chlorotoluene ug/L	2-Hexanone ug/L	4-Bromophenyl phenyl ether ug/L	4-Chlorophenyl phenyl ether ug/L	4-Chlorotoluene ug/L	4-Isopropyltoluene ug/L	4-Methyl-2- pentanone ug/L
MW-40(A)	MW-40 (A)	10/17/2003								
MW-40(A)	MW-40(A)	1/20/2004								
MW-40(A)	MW-40(A)	4/16/2004								
MW-41(A)	MW-41(A)	10/14/2003								
MW-42(A)	MW-42 (A)	10/15/2003								
MW-43(A)	MW-43(A)	10/13/2003								
MW-43(A)	MW-43 (A)	1/12/2004								
MW-43(A)	MW-43 (A)	4/13/2004								
MW-43(A)	MW-43 (A)	7/21/2004								
MW-44(A)	MW-44 (A)	10/17/2003								
MW-45(A)	MW-45 (A)	10/16/2003								
MW-45(A)	MW-45 (A)	1/16/2004								
MW-45(A)	MW-45 (A)	4/14/2004								
MW-45(A)	MW-45 (A)	7/21/2004								
MW-46(A)	MW-46(A)	10/14/2003								
MW-46(A)	MW-46(A)	1/14/2004								
MW-46(A)	MW-46 (A)	4/12/2004								
MW-46(A)	MW-46 (A)	7/21/2004								
MW-47(A)	MW-47(A)	10/13/2003								
MW-47(A)	MW-47 (A)	1/14/2004								
MW-47(A)	MW-47 (A)	4/12/2004								
MW-47(A)	MW-47 (A)	7/21/2004								
MW-48(A)	MW-48(A)	10/14/2003								
MW-48(A)	MW-48 (A)	1/14/2004								
MW-48(A)	MW-48 (A)	4/12/2004								
MW-48(A)	MW-48 (A)	7/21/2004								

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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	2-Chloroethyl vinyl ether ug/L	2-Chlorotoluene ug/L	2-Hexanone ug/L	4-Bromophenyl phenyl ether ug/L	4-Chlorophenyl phenyl ether ug/L	4-Chlorotoluene ug/L	4-Isopropyltoluene ug/L	4-Methyl-2- pentanone ug/L
R-1(M)	R-1(M)	10/22/2003								
TW-100(C)	SB100(C)W	8/22/2002	10 U	0.5 U	10 U			0.5 U	0.5 U	5 U
TW-103(C)	SB103(C)W	8/22/2002	10 U	0.5 U	10 U			0.5 U	0.5 U	5 U
TW-104(C)	SB104(C)W	8/22/2002	10 U	0.5 U	10 U			0.5 U	0.5 U	5 U
TW-200(C)	SB200(C)W	8/22/2002	10 U	0.5 U	10 U			0.5 U	0.5 U	5 U
TW-201(C)	SB201(C)W	8/22/2002	10 U	0.5 U	10 U			0.5 U	0.5 U	5 U
TW-202(C)	SB202(C)W	8/22/2002	10 U	0.5 U	10 U			0.5 U	0.5 U	5 U
TW-203(C)	SB203(C)W	8/22/2002	10 U	0.5 U	10 U			0.5 U	0.5 U	5 U
TW-204(C)	SB204(C)W	8/22/2002	10 U	0.5 U	10 U			0.5 U	0.5 U	5 U
TW-204(C)	SB204(C)W2	8/22/2002	10 U	0.5 U	10 U			0.5 U	0.5 U	5 U
TW-304(D)	SB-304-D-9.0	8/19/2002								
TW-304(D)	SB-304-D-9.0 D	8/19/2002								
TW-305(D)	SB-305-D-9.0	8/19/2002								
TW-306(D)	SB-306-D-9.0	8/19/2002								
TW-307(D)	SB-307-D-9.0	8/19/2002								
TW-309(D)	SB-309-D-9.0	8/19/2002								
TW-311(D)	SB-311-D-10.0	8/19/2002								
TW-312(D)	SB-312-D-10.0	8/19/2002								
TW-313(D)	TW-313-D-22.0	8/20/2002								
TW-314(D)	TW-314-D-22.0	8/20/2002								
TW-318(D)	TW-318-D-22.0	8/20/2002								
TW-319(D)	SB-319-D-14.0	8/19/2002								
TW-400(F)	TW-400(F)	8/22/2002								
TW-401(F)	TW-401(F)	8/23/2002								
TW-402(F)	TW-402(F)	8/23/2002								
TW-405(F)	TW-405(F)	8/22/2002								
TW-406(F)	TW-406(F)	8/22/2002								
TW-407(F)	TW-407(F)	8/22/2002								
TW-408(F)	TW-408(F)	8/22/2002								
TW-409(F)	TW-409(F)	8/22/2002								
TW-600(N)	TW-600(N)	9/13/2002								
TW-601(N)	TW-601(N)	9/13/2002								
TW-602(N)	BT-602(N)	9/13/2002								
TW-602(N)	TW-602(N)	9/13/2002								
TW-603(N)	TW-603(N)	9/13/2002								
TW-608(N)	TW-608 (N)	9/13/2002								
TW-612(N)	TW-612(N)	9/12/2002								
TW-612(N)	TW-612(N)	9/12/2002								

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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	2-Chloroethyl vinyl ether ug/L	2-Chlorotoluene ug/L	2-Hexanone ug/L	4-Bromophenyl phenyl ether ug/L	4-Chlorophenyl phenyl ether ug/L	4-Chlorotoluene ug/L	4-Isopropyltoluene ug/L	4-Methyl-2- pentanone ug/L
TW-616(N)	TW-616(N)	9/12/2002								
TW-616(N)	TW-616(N)	9/12/2002								
TW-619(N)	TW-619(N)	9/12/2002								
TW-619(N)	TW-619(N)	9/12/2002								
TW-623(N)	TW-623(N)	9/12/2002								
TW-623(N)	TW-623(N)	9/12/2002								
TW-624(N)	TW-624(N)	9/12/2002	10 U	0.5 U	10 U	5 U	5 U	0.5 U	8.94	5 U
TW-624(N)	TW-624(N)	9/12/2002								
TW-625(N)	BT-625(N)	9/12/2002								
TW-625(N)	TW-625(N)	9/12/2002								
TW-700(P)	TW-700(P)	8/21/2002	50 U	2.5 U	50 U			2.5 U	15.1	25 U
TW-701(P)	TW-701(P)	8/20/2002	100 U	5 U	100 U			5 U	5 U	50 U
TW-702(P)	TW-702(P)	8/21/2002	10 U	0.5 U	10 U			0.5 U	0.5 U	5 U
TW-703(P)	TW-703(P)	8/21/2002	20 U	1 U	20 U			1 U	14.7	10 U
TW-704(P)	TW-704(P)	8/21/2002	10 U	0.5 U	10 U			0.5 U	2.86	5 U
TW-706(P)	TW-706(P)	8/21/2002	50 U	2.5 U	50 U			2.5 U	2.5 U	25 U
TW-707(P)	TW-707(P)	8/21/2002	10 U	0.5 U	10 U			0.5 U	0.5 U	5 U
TW-708(P)	BT-708(P)	8/20/2002								
TW-708(P)	TW-708(P)	8/20/2002								
TW-709(P)	TW-709(P)	8/21/2002	10 U	0.5 U	10 U			0.5 U	0.5 U	5 U
TW-710(P)	TW-710(P)	8/21/2002	10 U	0.5 U	10 U			0.5 U	0.5 U	5 U
TW-711(P)	BT-711(P)	8/21/2002	10 U	0.5 U	10 U			0.5 U	0.5 U	5 U
TW-711(P)	TW-711(P)	8/21/2002	10 U	0.5 U	10 U			0.5 U	0.5 U	5 U
TW-712(P)	TW-712(P)	8/21/2002	10 U	0.5 U	10 U			0.5 U	0.5 U	5 U
TW-714(P)	TW-714(P)	8/21/2002								
TW-716(P)	TW-716(P)	8/20/2002	10 U	0.5 U	10 U			0.5 U	0.5 U	5 U
TW-717(P)	TW-717(P)	8/20/2002	10 U	0.5 U	10 U			0.5 U	0.5 U	5 U
TW-718(P)	TW-718(P)	8/21/2002								
TW-719(P)	BT-719(P)	8/23/2002								
TW-719(P)	TW-719(P)	8/23/2002								
TW-720(P)	TW-720(P)	8/23/2002								
TW-800(Q)	TW-800(Q)-10.5	8/27/2002								
TW-801(Q)	TW801(Q)-10	8/26/2002								
TW-803(Q)	TW-803(Q)-9	8/26/2002								
TW-805(Q)	TW-805(Q)-10	8/26/2002								
TW-806(Q)	TW-806 (Q)-11	8/28/2002								
TW-810(Q)	TW-810 (Q)-8	8/28/2002								

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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	2-Chloroethyl vinyl ether ug/L	2-Chlorotoluene ug/L	2-Hexanone ug/L	4-Bromophenyl phenyl ether ug/L	4-Chlorophenyl phenyl ether ug/L	4-Chlorotoluene ug/L	4-Isopropyltoluene ug/L	4-Methyl-2- pentanone ug/L
TW-814(Q)	TW814(Q)9	8/27/2002								
TW-816(Q)	TW-816(Q)-12	8/27/2002								
TW-818(Q)	TW-818 (Q)-11	8/28/2002								
TW-819(Q)	TW-819 (Q)-9.5	8/28/2002								
TW-819(Q)	TW-819 (Q)-9.5	8/28/2002								
TW-820(Q)	TW-820 (Q)-10	8/29/2002								
TW-822(Q)	TW-822 (Q)-9	8/29/2002								
TW-824(Q)	TW-824(Q)-9	8/28/2002								
TW-825(Q)	TW-825(Q)-8.5	8/27/2002								
TW-826(Q)	TW-826(Q)-9	8/27/2002								
TW-826(Q)	TW-826 (Q)-8.5	8/29/2002								
TW-828(Q)	TW-828 (Q)-8.5	8/29/2002								
TW-833(Q)	TW-833 (Q)-10.	8/28/2002								
TW-900(S)	SB-900(TW)	8/26/2002								
TW-901(S)	SB-901(TW)	8/26/2002								
TW-901(S)	SB-901(TW)	8/26/2002								
TW-902(S)	SB-902(TW)	8/26/2002								
TW-903(S)	SB-903(TW)	8/26/2002								
TW-903(S)	SB-903(TW)	8/26/2002								
TW-904(S)	SB-904(TW)	8/26/2002								
TW-904(S)	SB-904(TW)	8/26/2002								
TW-905(S)	SB-905(TW)	8/26/2002								
TW-905(S)	SB-905(TW)	8/26/2002								
TW-906(S)	SB-906(TW)	8/27/2002								
TW-906(S)	SB-906(TW)	8/27/2002								
TW-908(S)	SB-908(TW)	8/27/2002								
TW-908(S)	SB-908(TW)	8/27/2002								
TW-909(S)	SB-909(TW)	8/27/2002								
TW-910(S)	SB-910(TW)	8/26/2002								
TW-911(S)	SB-911(TW)	8/27/2002								
TW-911(S)	SB-911(TW)	8/27/2002								

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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Acetone ug/L	Benzene ug/L	Benzyl butyl phthalate ug/L	bis-(2- chloroethoxy) methane ug/L	bis-(2-Chloroethyl) ether ug/L	Bromobenzene ug/L	Bromochloro methane ug/L	Bromodichloro methane ug/L
MW-1(F)	MW-1-082302	8/23/2002		0.5 U						
MW-1(F)	MW-1-082302	8/23/2002		0.5 U						
MW-1(F)	MW-1(F)	10/22/2003		0.41 J						
MW-1(F)	MW-1 (F)	1/15/2004		2.79						
MW-1(F)	MW-1(F)	4/15/2004		0.2 U						
MW-1(F)	MW-1 (F)	7/20/2004		0.23						
MW-2(M)	MW-2(M)	6/19/2003		48.4						
MW-2(M)	MW-2 (M)	10/15/2003		125						
MW-2(M)	MW-2 (M)	1/12/2004		10.6						
MW-2(M)	MW-2(M)	4/14/2004		28.8						
MW-2(M)	MW-2 (M)	7/22/2004		15.5						
MW-6(M)	MW-6(M)	6/19/2003		0.5 U						
MW-6(M)	MW-6(M)	10/22/2003		0.5 U						
MW-6(M)	MW-6 (M)	1/12/2004		0.5 U						
MW-6(M)	MW-6 (M)	4/13/2004		0.2 U						
MW-6(M)	MW-6 (M)	7/19/2004		0.2 U						
MW-7(M)	BM-7(M)	6/19/2003		0.5 U						
MW-7(M)	MW-7(M)	6/19/2003		0.5 U						
MW-7(M)	MW-7(M)	10/13/2003		0.5 U						
MW-7(M)	MW-7 (M)	1/12/2004		0.5 U						
MW-7(M)	MW-7 (M)	4/12/2004		0.2 U						
MW-7(M)	MW-7 (M)	7/19/2004		0.2 U						
MW-10(M)	MW-10(M)	6/19/2003		21						
MW-10(M)	MW-10 (M)	10/15/2003		319						
MW-10(M)	MW-10 (M)	1/13/2004		50.3						
MW-10(M)	MW-10 (M)	4/13/2004		52.4						
MW-10(M)	MW-10 (M)	7/19/2004		34.4						
MW-11(M)	MW-11(M)	6/19/2003		0.5 U						
MW-11(M)	MW-11 (M)	10/15/2003		11.6						
MW-11(M)	MW-11 (M)	1/13/2004		8.86						
MW-11(M)	MW-11 (M)	4/13/2004		0.35						
MW-11(M)	MW-11 (M)	7/21/2004		0.44						

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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Acetone ug/L	Benzene ug/L	Benzyl butyl phthalate ug/L	bis-(2- chloroethoxy) methane ug/L	bis-(2-Chloroethyl) ether ug/L	Bromobenzene ug/L	Bromochloro methane ug/L	Bromodichloro methane ug/L
MW-12(A)	MW-12(A)	10/22/2003		0.19 J						
MW-12(A)	MW-12 (A)	1/15/2004		0.5 U						
MW-12(A)	MW-12(A)	4/16/2004		0.2 U						
MW-12(A)	MW-12 (A)	7/22/2004		0.2 U						
MW-13(A)	MW-13(A)	10/22/2003		259						
MW-13(A)	MW-13 (A)	1/15/2004		750						
MW-13(A)	MW-13(A)	4/16/2004		564						
MW-13(A)	MW-13 (A)	7/22/2004		256						
MW-14(A)	MW-14(A)	10/21/2003		0.77						
MW-14(A)	MW-14 (A)	1/15/2004		0.65						
MW-14(A)	MW-14(A)	4/16/2004		0.2 U						
MW-14(A)	MW-14 (A)	7/23/2004		0.2 U						
MW-15(A)	MW-15(A)	10/20/2003		127						
MW-16(A)	MW-16(A)	10/20/2003		11.4						
MW-16(A)	MW-16(A)	1/19/2004		2.32						
MW-16(A)	MW-16(A)	4/15/2004		11.7						
MW-16(A)	MW-16 (A)	7/22/2004		7.26						
MW-17 (A)	BM-17 (A)	7/22/2004		1.18						
MW-17(A)	MW-17 (A)	10/17/2003		9.19						
MW-17(A)	BM-17(A)	1/19/2004		2.5						
MW-17(A)	MW-17(A)	1/19/2004		2.52						
MW-17(A)	MW-17(A)	4/15/2004		2.69						
MW-17(A)	MW-17 (A)	7/22/2004		1.22						
MW-18(A)	MW-18(A)	10/21/2003		273						
MW-18(A)	MW-18(A)	1/19/2004		138						
MW-18(A)	MW-18(A)	4/15/2004		3.2						
MW-18(A)	MW-18 (A)	7/21/2004		44.1						

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

Locator ID	Sample ID	Sample Date	Acetone ug/L	Benzene ug/L	Benzyl butyl phthalate ug/L	bis-(2- chloroethoxy) methane ug/L	bis-(2-Chloroethyl) ether ug/L	Bromobenzene ug/L	Bromochloro methane ug/L	Bromodichloro methane ug/L
MW-19(A)	BM-19(A)	10/20/2003		0.5 U						
MW-19(A)	MW-19(A)	10/20/2003		0.5 U						
MW-19(A)	MW-19 (A)	1/13/2004		0.5 U						
MW-19(A)	MW-19(A)	4/15/2004		0.2 U						
MW-19(A)	BM-19 (A)	7/20/2004		0.46						
MW-19(A)	MW-19 (A)	7/20/2004		0.31						
MW-20(A)	MW-20(A)	10/20/2003		16.9						
MW-20(A)	MW-20 (A)	1/13/2004		3.64						
MW-20(A)	MW-20(A)	4/15/2004		1.77						
MW-20(A)	MW-20 (A)	7/20/2004		2.98						
MW-21(A)	MW-21(A)	10/20/2003		0.5 U						
MW-21(A)	BM-21 (A)	1/13/2004		0.25						
MW-21(A)	MW-21 (A)	1/13/2004		0.31						
MW-21(A)	MW-21(A)	4/16/2004		0.7						
MW-21(A)	MW-21 (A)	7/20/2004		0.26						
MW-22(A)	MW-22 (A)	10/16/2003		19.4						
MW-22(A)	MW-22(A)	1/19/2004		0.5 U						
MW-22(A)	MW-22(A)	4/15/2004		0.2 U						
MW-22(A)	MW-22 (A)	7/20/2004		0.26						
MW-23(A)	MW-23(A)	10/20/2003		0.5 U						
MW-23(A)	MW-23 (A)	1/15/2004		0.5 U						
MW-23(A)	BM-23(A)	4/15/2004		2.75						
MW-23(A)	MW-23(A)	4/15/2004		3.04						
MW-23(A)	MW-23 (A)	7/20/2004		0.2 U						
MW-24(A)	MW-24(A)	10/21/2003		0.62						
MW-24(A)	MW-24 (A)	1/15/2004		2.7						
MW-24(A)	MW-24(A)	4/14/2004		0.16						
MW-24(A)	MW-24 (A)	7/22/2004		0.55						

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

Locator ID	Sample ID	Sample Date	Acetone ug/L	Benzene ug/L	Benzyl butyl phthalate ug/L	bis-(2- chloroethoxy) methane ug/L	bis-(2-Chloroethyl) ether ug/L	Bromobenzene ug/L	Bromochloro methane ug/L	Bromodichloro methane ug/L
MW-26(A)	MW-26 (A)	10/17/2003		3.05						
MW-26(A)	MW-26 (A)	1/15/2004		3						
MW-26(A)	MW-26(A)	4/14/2004		4 U						
MW-26(A)	MW-26 (A)	7/22/2004		4 U						
MW-27(A)	MW-27(A)	10/21/2003		0.98						
MW-27(A)	MW-27 (A)	1/14/2004		0.5 U						
MW-27(A)	MW-27 (A)	4/14/2004		0.2 U						
MW-27(A)	MW-27 (A)	7/22/2004		0.2 U						
MW-28(A)	MW-28 (A)	10/17/2003		208						
MW-28(A)	MW-28(A)	1/19/2004		702						
MW-28(A)	MW-28(A)	4/14/2004		179						
MW-28(A)	MW-28 (A)	7/23/2004		72.2						
MW-29(A)	MW-29(A)	10/21/2003		482						
MW-29(A)	MW-29(A)	1/19/2004		330						
MW-29(A)	MW-29(A)	4/16/2004		148						
MW-29(A)	MW-29 (A)	7/22/2004		380						
MW-30(A)	MW-30 (A)	10/16/2003		262						
MW-30(A)	MW-30 (A)	1/16/2004		341						
MW-30(A)	MW-30 (A)	4/13/2004		533						
MW-30(A)	MW-30 (A)	7/20/2004		407						
MW-31(A)	BM-31 (A)	10/16/2003		1260						
MW-31(A)	MW-31 (A)	10/16/2003		1170						
MW-31(A)	MW-31 (A)	1/12/2004		1390						
MW-31(A)	BM-31 (A)	4/13/2004		538						
MW-31(A)	MW-31 (A)	4/13/2004		574						
MW-31(A)	MW-31 (A)	7/20/2004		1020						
MW-32(A)	MW-32(A)	10/14/2003		0.5 U						
MW-32(A)	MW-32 (A)	1/12/2004		0.5 U						
MW-32(A)	MW-32 (A)	4/13/2004		0.2 U						
MW-32(A)	MW-32 (A)	7/19/2004		0.2 U						

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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Acetone ug/L	Benzene ug/L	Benzyl butyl phthalate ug/L	bis-(2- chloroethoxy) methane ug/L	bis-(2-Chloroethyl) ether ug/L	Bromobenzene ug/L	Bromochloro methane ug/L	Bromodichloro methane ug/L
MW-33(A)	MW-33(A)	10/14/2003		3.49						
MW-33(A)	MW-33 (A)	1/12/2004		15						
MW-33(A)	MW-33 (A)	4/13/2004		12.1						
MW-33(A)	MW-33 (A)	7/19/2004		3.47						
MW-34(A)	MW-34(A)	10/14/2003		0.5 U						
MW-34(A)	MW-34 (A)	1/13/2004		0.5 U						
MW-34(A)	MW-34 (A)	4/14/2004		0.2 U						
MW-34(A)	MW-34 (A)	7/20/2004		0.2 U						
MW-35(A)	MW-35 (A)	10/16/2003		0.5 U						
MW-35(A)	MW-35 (A)	1/16/2004		0.5 U						
MW-35(A)	MW-35 (A)	4/13/2004		0.2 U						
MW-35(A)	MW-35 (A)	7/20/2004		0.2 U						
MW-36(A)	MW-36(A)	10/21/2003		0.5 U						
MW-36(A)	MW-36 (A)	1/14/2004		0.5 U						
MW-36(A)	MW-36 (A)	4/14/2004		0.2 U						
MW-36(A)	MW-36 (A)	7/22/2004		0.2 U						
MW-37(A)	MW-37 (A)	10/17/2003		0.16 J						
MW-38(A)	MW-38(A)	10/21/2003		0.5 U						
MW-38(A)	MW-38 (A)	1/14/2004		0.5 U						
MW-38(A)	MW-38 (A)	4/14/2004		0.2 U						
MW-38(A)	MW-38 (A)	7/22/2004		0.2 U						
MW-39(A)	MW-39 (A)	10/16/2003		3.98						
MW-39(A)	MW-39 (A)	1/16/2004		3.37						
MW-39(A)	MW-39 (A)	4/14/2004		3.4						
MW-39(A)	MW-39 (A)	7/21/2004		1.7						
MW-39(A)	Trip Blank	7/21/2004		0.2 U						
MW-39(A)	Trip Blank	7/22/2004		0.2 U						

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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Acetone ug/L	Benzene ug/L	Benzyl butyl phthalate ug/L	bis-(2- chloroethoxy) methane ug/L	bis-(2-Chloroethyl) ether ug/L	Bromobenzene ug/L	Bromochloro methane ug/L	Bromodichloro methane ug/L
MW-40(A)	MW-40 (A)	10/17/2003		81.2						
MW-40(A)	MW-40(A)	1/20/2004		7.8 J						
MW-40(A)	MW-40(A)	4/16/2004		83.5						
MW-41(A)	MW-41(A)	10/14/2003		355						
MW-42(A)	MW-42 (A)	10/15/2003		3020						
MW-43(A)	MW-43(A)	10/13/2003		0.5 U						
MW-43(A)	MW-43 (A)	1/12/2004		10.9						
MW-43(A)	MW-43 (A)	4/13/2004		0.2 U						
MW-43(A)	MW-43 (A)	7/21/2004		0.2 U						
MW-44(A)	MW-44 (A)	10/17/2003		898						
MW-45(A)	MW-45 (A)	10/16/2003		0.16 J						
MW-45(A)	MW-45 (A)	1/16/2004		0.5 U						
MW-45(A)	MW-45 (A)	4/14/2004		0.2 U						
MW-45(A)	MW-45 (A)	7/21/2004		0.2 U						
MW-46(A)	MW-46(A)	10/14/2003		0.5 U						
MW-46(A)	MW-46(A)	1/14/2004		0.5 U						
MW-46(A)	MW-46 (A)	4/12/2004		0.2 U						
MW-46(A)	MW-46 (A)	7/21/2004		0.2 U						
MW-47(A)	MW-47(A)	10/13/2003		0.5 U						
MW-47(A)	MW-47 (A)	1/14/2004		0.21						
MW-47(A)	MW-47 (A)	4/12/2004		0.2 U						
MW-47(A)	MW-47 (A)	7/21/2004		0.2 U						
MW-48(A)	MW-48(A)	10/14/2003		0.5 U						
MW-48(A)	MW-48 (A)	1/14/2004		0.5 U						
MW-48(A)	MW-48 (A)	4/12/2004		0.2 U						
MW-48(A)	MW-48 (A)	7/21/2004		0.2 U						

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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Acetone ug/L	Benzene ug/L	Benzyl butyl phthalate ug/L	bis-(2- chloroethoxy) methane ug/L	bis-(2-Chloroethyl) ether ug/L	Bromobenzene ug/L	Bromochloro methane ug/L	Bromodichloro methane ug/L
R-1(M)	R-1(M)	10/22/2003		0.23 J						
TW-100(C)	SB100(C)W	8/22/2002	10 U	0.4 U				0.5 U	0.5 U	0.5 U
TW-103(C)	SB103(C)W	8/22/2002	10 U	0.4 U				0.5 U	0.5 U	0.5 U
TW-104(C)	SB104(C)W	8/22/2002	10 U	0.4 U				0.5 U	0.5 U	0.5 U
TW-200(C)	SB200(C)W	8/22/2002	10 U	0.4 U				0.5 U	0.5 U	0.5 U
TW-201(C)	SB201(C)W	8/22/2002	10 U	0.4 U				0.5 U	0.5 U	0.5 U
TW-202(C)	SB202(C)W	8/22/2002	10 U	0.4 U				0.5 U	0.5 U	0.5 U
TW-203(C)	SB203(C)W	8/22/2002	10 U	0.4 U				0.5 U	0.5 U	0.5 U
TW-204(C)	SB204(C)W	8/22/2002	10 U	0.4 U				0.5 U	0.5 U	0.5 U
TW-204(C)	SB204(C)W2	8/22/2002	10 U	0.4 U				0.5 U	0.5 U	0.5 U
TW-304(D)	SB-304-D-9.0	8/19/2002		174						
TW-304(D)	SB-304-D-9.0 D	8/19/2002		151						
TW-305(D)	SB-305-D-9.0	8/19/2002		489						
TW-306(D)	SB-306-D-9.0	8/19/2002		372						
TW-307(D)	SB-307-D-9.0	8/19/2002		934						
TW-309(D)	SB-309-D-9.0	8/19/2002		19.2						
TW-311(D)	SB-311-D-10.0	8/19/2002		24.2						
TW-312(D)	SB-312-D-10.0	8/19/2002		0.5 U						
TW-313(D)	TW-313-D-22.0	8/20/2002		255						
TW-314(D)	TW-314-D-22.0	8/20/2002		68.3						
TW-318(D)	TW-318-D-22.0	8/20/2002		0.71						
TW-319(D)	SB-319-D-14.0	8/19/2002		0.5 U						
TW-400(F)	TW-400(F)	8/22/2002		0.5 U						
TW-401(F)	TW-401(F)	8/23/2002		0.5 U						
TW-402(F)	TW-402(F)	8/23/2002		0.5 U						
TW-405(F)	TW-405(F)	8/22/2002		4.23						
TW-406(F)	TW-406(F)	8/22/2002		14.2						
TW-407(F)	TW-407(F)	8/22/2002		11.6						
TW-408(F)	TW-408(F)	8/22/2002		0.853						
TW-409(F)	TW-409(F)	8/22/2002		0.5 U						
TW-600(N)	TW-600(N)	9/13/2002		2.5 U						
TW-601(N)	TW-601(N)	9/13/2002		1 U						
TW-602(N)	BT-602(N)	9/13/2002		0.5 U						
TW-602(N)	TW-602(N)	9/13/2002		0.5 U						
TW-603(N)	TW-603(N)	9/13/2002		0.5 U						
TW-608(N)	TW-608 (N)	9/13/2002		0.5 U						
TW-612(N)	TW-612(N)	9/12/2002		2610						
TW-612(N)	TW-612(N)	9/12/2002		3060						

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

Locator ID	Sample ID	Sample Date	Acetone ug/L	Benzene ug/L	Benzyl butyl phthalate ug/L	bis-(2- chloroethoxy) methane ug/L	bis-(2-Chloroethyl) ether ug/L	Bromobenzene ug/L	Bromochloro methane ug/L	Bromodichloro methane ug/L
TW-616(N)	TW-616(N)	9/12/2002		0.5 U						
TW-616(N)	TW-616(N)	9/12/2002		0.5 U						
TW-619(N)	TW-619(N)	9/12/2002		3.4						
TW-619(N)	TW-619(N)	9/12/2002		8.18						
TW-623(N)	TW-623(N)	9/12/2002		0.5 U						
TW-623(N)	TW-623(N)	9/12/2002		6.04						
TW-624(N)	TW-624(N)	9/12/2002	10 U	0.4 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U
TW-624(N)	TW-624(N)	9/12/2002								
TW-625(N)	BT-625(N)	9/12/2002		0.5 U						
TW-625(N)	TW-625(N)	9/12/2002		0.5 U						
TW-700(P)	TW-700(P)	8/21/2002	50 U	2 U				2.5 U	2.5 U	2.5 U
TW-701(P)	TW-701(P)	8/20/2002	100 U	40.3				5 U	5 U	5 U
TW-702(P)	TW-702(P)	8/21/2002	10 U	0.4 U				0.5 U	0.5 U	0.5 U
TW-703(P)	TW-703(P)	8/21/2002	20 U	3.3				1 U	1 U	1 U
TW-704(P)	TW-704(P)	8/21/2002	10 U	0.16 J				0.5 U	0.5 U	0.5 U
TW-706(P)	TW-706(P)	8/21/2002	50 U	106				2.5 U	2.5 U	2.5 U
TW-707(P)	TW-707(P)	8/21/2002	10 U	1.41				0.5 U	0.5 U	0.5 U
TW-708(P)	BT-708(P)	8/20/2002		1230						
TW-708(P)	TW-708(P)	8/20/2002		976						
TW-709(P)	TW-709(P)	8/21/2002	10 U	0.4 U				0.5 U	0.5 U	0.5 U
TW-710(P)	TW-710(P)	8/21/2002	10 U	0.4 U				0.5 U	0.5 U	0.5 U
TW-711(P)	BT-711(P)	8/21/2002	10 U	0.4 U				0.5 U	0.5 U	0.5 U
TW-711(P)	TW-711(P)	8/21/2002	10 U	0.4 U				0.5 U	0.5 U	0.5 U
TW-712(P)	TW-712(P)	8/21/2002	10 U	0.4 U				0.5 U	0.5 U	0.5 U
TW-714(P)	TW-714(P)	8/21/2002		83.8						
TW-716(P)	TW-716(P)	8/20/2002	10 U	0.4 U				0.5 U	0.5 U	0.5 U
TW-717(P)	TW-717(P)	8/20/2002	10 U	0.4 U				0.5 U	0.5 U	0.5 U
TW-718(P)	TW-718(P)	8/21/2002		0.5 U						
TW-719(P)	BT-719(P)	8/23/2002		0.5 U						
TW-719(P)	TW-719(P)	8/23/2002		0.5 U						
TW-720(P)	TW-720(P)	8/23/2002		28						
TW-800(Q)	TW-800(Q)-10.5	8/27/2002		0.5 U						
TW-801(Q)	TW801(Q)-10	8/26/2002		0.5 U						
TW-803(Q)	TW-803(Q)-9	8/26/2002		0.5 U						
TW-805(Q)	TW-805(Q)-10	8/26/2002		1.98						
TW-806(Q)	TW-806 (Q)-11	8/28/2002		20.3						
TW-810(Q)	TW-810 (Q)-8	8/28/2002		0.5 U						

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

Locator ID	Sample ID	Sample Date	Acetone ug/L	Benzene ug/L	Benzyl butyl phthalate ug/L	bis-(2- chloroethoxy) methane ug/L	bis-(2-Chloroethyl) ether ug/L	Bromobenzene ug/L	Bromochloro methane ug/L	Bromodichloro methane ug/L
TW-814(Q)	TW814(Q)9	8/27/2002		0.5 U						
TW-816(Q)	TW-816(Q)-12	8/27/2002		0.5 U						
TW-818(Q)	TW-818 (Q)-11	8/28/2002		0.5 U						
TW-819(Q)	TW-819 (Q)-9.5	8/28/2002		8						
TW-819(Q)	TW-819 (Q)-9.5	8/28/2002		13.7						
TW-820(Q)	TW-820 (Q)-10	8/29/2002		11						
TW-822(Q)	TW-822 (Q)-9	8/29/2002		31.3 J						
TW-824(Q)	TW-824(Q)-9	8/28/2002		2.4						
TW-825(Q)	TW-825(Q)-8.5	8/27/2002		0.5 U						
TW-826(Q)	TW-826(Q)-9	8/27/2002		0.5 U						
TW-826(Q)	TW-826 (Q)-8.5	8/29/2002		0.506						
TW-828(Q)	TW-828 (Q)-8.5	8/29/2002		0.5 U						
TW-833(Q)	TW-833 (Q)-10.2	8/28/2002		0.5 U						
TW-900(S)	SB-900(TW)	8/26/2002		2.72						
TW-901(S)	SB-901(TW)	8/26/2002		5.92						
TW-901(S)	SB-901(TW)	8/26/2002		2.5 U						
TW-902(S)	SB-902(TW)	8/26/2002		0.5 U						
TW-903(S)	SB-903(TW)	8/26/2002		0.5 U						
TW-903(S)	SB-903(TW)	8/26/2002		0.5 U						
TW-904(S)	SB-904(TW)	8/26/2002		0.5 U						
TW-904(S)	SB-904(TW)	8/26/2002		0.5 U						
TW-905(S)	SB-905(TW)	8/26/2002		0.5 U						
TW-905(S)	SB-905(TW)	8/26/2002		2.5 U						
TW-906(S)	SB-906(TW)	8/27/2002		0.5 U						
TW-906(S)	SB-906(TW)	8/27/2002		0.5 U						
TW-908(S)	SB-908(TW)	8/27/2002		0.5 U						
TW-908(S)	SB-908(TW)	8/27/2002		0.5 U						
TW-909(S)	SB-909(TW)	8/27/2002		0.5 U						
TW-910(S)	SB-910(TW)	8/26/2002		0.5 U						
TW-911(S)	SB-911(TW)	8/27/2002		0.718						
TW-911(S)	SB-911(TW)	8/27/2002		0.34 J						

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

Locator ID	Sample ID	Sample Date	Bromoform ug/L	Bromomethane ug/L	Carbon disulfide ug/L	Carbon tetrachloride ug/L	Chlorobenzene ug/L	Chloroethane ug/L	Chloroform ug/L	Chloromethane ug/L
MW-1(F)	MW-1-082302	8/23/2002								
MW-1(F)	MW-1-082302	8/23/2002								
MW-1(F)	MW-1(F)	10/22/2003								
MW-1(F)	MW-1 (F)	1/15/2004								
MW-1(F)	MW-1(F)	4/15/2004								
MW-1(F)	MW-1 (F)	7/20/2004								
MW-2(M)	MW-2(M)	6/19/2003								
MW-2(M)	MW-2 (M)	10/15/2003								
MW-2(M)	MW-2 (M)	1/12/2004								
MW-2(M)	MW-2(M)	4/14/2004								
MW-2(M)	MW-2 (M)	7/22/2004								
MW-6(M)	MW-6(M)	6/19/2003								
MW-6(M)	MW-6(M)	10/22/2003								
MW-6(M)	MW-6 (M)	1/12/2004								
MW-6(M)	MW-6 (M)	4/13/2004								
MW-6(M)	MW-6 (M)	7/19/2004								
MW-7(M)	BM-7(M)	6/19/2003								
MW-7(M)	MW-7(M)	6/19/2003								
MW-7(M)	MW-7(M)	10/13/2003								
MW-7(M)	MW-7 (M)	1/12/2004								
MW-7(M)	MW-7 (M)	4/12/2004								
MW-7(M)	MW-7 (M)	7/19/2004								
MW-10(M)	MW-10(M)	6/19/2003								
MW-10(M)	MW-10 (M)	10/15/2003								
MW-10(M)	MW-10 (M)	1/13/2004								
MW-10(M)	MW-10 (M)	4/13/2004								
MW-10(M)	MW-10 (M)	7/19/2004								
MW-11(M)	MW-11(M)	6/19/2003								
MW-11(M)	MW-11 (M)	10/15/2003								
MW-11(M)	MW-11 (M)	1/13/2004								
MW-11(M)	MW-11 (M)	4/13/2004								
MW-11(M)	MW-11 (M)	7/21/2004								

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

Locator ID	Sample ID	Sample Date	Bromoform ug/L	Bromomethane ug/L	Carbon disulfide ug/L	Carbon tetrachloride ug/L	Chlorobenzene ug/L	Chloroethane ug/L	Chloroform ug/L	Chloromethane ug/L
MW-12(A)	MW-12(A)	10/22/2003								
MW-12(A)	MW-12 (A)	1/15/2004								
MW-12(A)	MW-12(A)	4/16/2004								
MW-12(A)	MW-12 (A)	7/22/2004								
MW-13(A)	MW-13(A)	10/22/2003								
MW-13(A)	MW-13 (A)	1/15/2004								
MW-13(A)	MW-13(A)	4/16/2004								
MW-13(A)	MW-13 (A)	7/22/2004								
MW-14(A)	MW-14(A)	10/21/2003								
MW-14(A)	MW-14 (A)	1/15/2004								
MW-14(A)	MW-14(A)	4/16/2004								
MW-14(A)	MW-14 (A)	7/23/2004								
MW-15(A)	MW-15(A)	10/20/2003								
MW-16(A)	MW-16(A)	10/20/2003								
MW-16(A)	MW-16(A)	1/19/2004								
MW-16(A)	MW-16(A)	4/15/2004								
MW-16(A)	MW-16 (A)	7/22/2004								
MW-17 (A)	BM-17 (A)	7/22/2004								
MW-17(A)	MW-17 (A)	10/17/2003								
MW-17(A)	BM-17(A)	1/19/2004								
MW-17(A)	MW-17(A)	1/19/2004								
MW-17(A)	MW-17(A)	4/15/2004								
MW-17(A)	MW-17 (A)	7/22/2004								
MW-18(A)	MW-18(A)	10/21/2003								
MW-18(A)	MW-18(A)	1/19/2004								
MW-18(A)	MW-18(A)	4/15/2004								
MW-18(A)	MW-18 (A)	7/21/2004								

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Astoria Area-Wide Petroleum Site
Astoria, Oregon

Locator ID	Sample ID	Sample Date	Bromoform ug/L	Bromomethane ug/L	Carbon disulfide ug/L	Carbon tetrachloride ug/L	Chlorobenzene ug/L	Chloroethane ug/L	Chloroform ug/L	Chloromethane ug/L
MW-19(A)	BM-19(A)	10/20/2003								
MW-19(A)	MW-19(A)	10/20/2003								
MW-19(A)	MW-19 (A)	1/13/2004								
MW-19(A)	MW-19(A)	4/15/2004								
MW-19(A)	BM-19 (A)	7/20/2004								
MW-19(A)	MW-19 (A)	7/20/2004								
MW-20(A)	MW-20(A)	10/20/2003								
MW-20(A)	MW-20 (A)	1/13/2004								
MW-20(A)	MW-20(A)	4/15/2004								
MW-20(A)	MW-20 (A)	7/20/2004								
MW-21(A)	MW-21(A)	10/20/2003								
MW-21(A)	BM-21 (A)	1/13/2004								
MW-21(A)	MW-21 (A)	1/13/2004								
MW-21(A)	MW-21(A)	4/16/2004								
MW-21(A)	MW-21 (A)	7/20/2004								
MW-22(A)	MW-22 (A)	10/16/2003								
MW-22(A)	MW-22(A)	1/19/2004								
MW-22(A)	MW-22(A)	4/15/2004								
MW-22(A)	MW-22 (A)	7/20/2004								
MW-23(A)	MW-23(A)	10/20/2003								
MW-23(A)	MW-23 (A)	1/15/2004								
MW-23(A)	BM-23(A)	4/15/2004								
MW-23(A)	MW-23(A)	4/15/2004								
MW-23(A)	MW-23 (A)	7/20/2004								
MW-24(A)	MW-24(A)	10/21/2003								
MW-24(A)	MW-24 (A)	1/15/2004								
MW-24(A)	MW-24(A)	4/14/2004								
MW-24(A)	MW-24 (A)	7/22/2004								

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

Locator ID	Sample ID	Sample Date	Bromoform ug/L	Bromomethane ug/L	Carbon disulfide ug/L	Carbon tetrachloride ug/L	Chlorobenzene ug/L	Chloroethane ug/L	Chloroform ug/L	Chloromethane ug/L
MW-26(A)	MW-26 (A)	10/17/2003								
MW-26(A)	MW-26 (A)	1/15/2004								
MW-26(A)	MW-26(A)	4/14/2004								
MW-26(A)	MW-26 (A)	7/22/2004								
MW-27(A)	MW-27(A)	10/21/2003								
MW-27(A)	MW-27 (A)	1/14/2004								
MW-27(A)	MW-27 (A)	4/14/2004								
MW-27(A)	MW-27 (A)	7/22/2004								
MW-28(A)	MW-28 (A)	10/17/2003								
MW-28(A)	MW-28(A)	1/19/2004								
MW-28(A)	MW-28(A)	4/14/2004								
MW-28(A)	MW-28 (A)	7/23/2004								
MW-29(A)	MW-29(A)	10/21/2003								
MW-29(A)	MW-29(A)	1/19/2004								
MW-29(A)	MW-29(A)	4/16/2004								
MW-29(A)	MW-29 (A)	7/22/2004								
MW-30(A)	MW-30 (A)	10/16/2003								
MW-30(A)	MW-30 (A)	1/16/2004								
MW-30(A)	MW-30 (A)	4/13/2004								
MW-30(A)	MW-30 (A)	7/20/2004								
MW-31(A)	BM-31 (A)	10/16/2003								
MW-31(A)	MW-31 (A)	10/16/2003								
MW-31(A)	MW-31 (A)	1/12/2004								
MW-31(A)	BM-31 (A)	4/13/2004								
MW-31(A)	MW-31 (A)	4/13/2004								
MW-31(A)	MW-31 (A)	7/20/2004								
MW-32(A)	MW-32(A)	10/14/2003								
MW-32(A)	MW-32 (A)	1/12/2004								
MW-32(A)	MW-32 (A)	4/13/2004								
MW-32(A)	MW-32 (A)	7/19/2004								

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

Locator ID	Sample ID	Sample Date	Bromoform ug/L	Bromomethane ug/L	Carbon disulfide ug/L	Carbon tetrachloride ug/L	Chlorobenzene ug/L	Chloroethane ug/L	Chloroform ug/L	Chloromethane ug/L
MW-33(A)	MW-33(A)	10/14/2003								
MW-33(A)	MW-33 (A)	1/12/2004								
MW-33(A)	MW-33 (A)	4/13/2004								
MW-33(A)	MW-33 (A)	7/19/2004								
MW-34(A)	MW-34(A)	10/14/2003								
MW-34(A)	MW-34 (A)	1/13/2004								
MW-34(A)	MW-34 (A)	4/14/2004								
MW-34(A)	MW-34 (A)	7/20/2004								
MW-35(A)	MW-35 (A)	10/16/2003								
MW-35(A)	MW-35 (A)	1/16/2004								
MW-35(A)	MW-35 (A)	4/13/2004								
MW-35(A)	MW-35 (A)	7/20/2004								
MW-36(A)	MW-36(A)	10/21/2003								
MW-36(A)	MW-36 (A)	1/14/2004								
MW-36(A)	MW-36 (A)	4/14/2004								
MW-36(A)	MW-36 (A)	7/22/2004								
MW-37(A)	MW-37 (A)	10/17/2003								
MW-38(A)	MW-38(A)	10/21/2003								
MW-38(A)	MW-38 (A)	1/14/2004								
MW-38(A)	MW-38 (A)	4/14/2004								
MW-38(A)	MW-38 (A)	7/22/2004								
MW-39(A)	MW-39 (A)	10/16/2003								
MW-39(A)	MW-39 (A)	1/16/2004								
MW-39(A)	MW-39 (A)	4/14/2004								
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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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Bromoform ug/L	Bromomethane ug/L	Carbon disulfide ug/L	Carbon tetrachloride ug/L	Chlorobenzene ug/L	Chloroethane ug/L	Chloroform ug/L	Chloromethane ug/L
MW-40(A)	MW-40 (A)	10/17/2003								
MW-40(A)	MW-40(A)	1/20/2004								
MW-40(A)	MW-40(A)	4/16/2004								
MW-41(A)	MW-41(A)	10/14/2003								
MW-42(A)	MW-42 (A)	10/15/2003								
MW-43(A)	MW-43(A)	10/13/2003								
MW-43(A)	MW-43 (A)	1/12/2004								
MW-43(A)	MW-43 (A)	4/13/2004								
MW-43(A)	MW-43 (A)	7/21/2004								
MW-44(A)	MW-44 (A)	10/17/2003								
MW-45(A)	MW-45 (A)	10/16/2003								
MW-45(A)	MW-45 (A)	1/16/2004								
MW-45(A)	MW-45 (A)	4/14/2004								
MW-45(A)	MW-45 (A)	7/21/2004								
MW-46(A)	MW-46(A)	10/14/2003								
MW-46(A)	MW-46(A)	1/14/2004								
MW-46(A)	MW-46 (A)	4/12/2004								
MW-46(A)	MW-46 (A)	7/21/2004								
MW-47(A)	MW-47(A)	10/13/2003								
MW-47(A)	MW-47 (A)	1/14/2004								
MW-47(A)	MW-47 (A)	4/12/2004								
MW-47(A)	MW-47 (A)	7/21/2004								
MW-48(A)	MW-48(A)	10/14/2003								
MW-48(A)	MW-48 (A)	1/14/2004								
MW-48(A)	MW-48 (A)	4/12/2004								
MW-48(A)	MW-48 (A)	7/21/2004								

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

Locator ID	Sample ID	Sample Date	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
R-1(M)	R-1(M)	10/22/2003								
TW-100(C)	SB100(C)W	8/22/2002	1 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
TW-103(C)	SB103(C)W	8/22/2002	1 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
TW-104(C)	SB104(C)W	8/22/2002	1 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
TW-200(C)	SB200(C)W	8/22/2002	1 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
TW-201(C)	SB201(C)W	8/22/2002	1 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
TW-202(C)	SB202(C)W	8/22/2002	1 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
TW-203(C)	SB203(C)W	8/22/2002	1 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
TW-204(C)	SB204(C)W	8/22/2002	1 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
TW-204(C)	SB204(C)W2	8/22/2002	1 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
TW-304(D)	SB-304-D-9.0	8/19/2002								
TW-304(D)	SB-304-D-9.0 D	8/19/2002								
TW-305(D)	SB-305-D-9.0	8/19/2002								
TW-306(D)	SB-306-D-9.0	8/19/2002								
TW-307(D)	SB-307-D-9.0	8/19/2002								
TW-309(D)	SB-309-D-9.0	8/19/2002								
TW-311(D)	SB-311-D-10.0	8/19/2002								
TW-312(D)	SB-312-D-10.0	8/19/2002								
TW-313(D)	TW-313-D-22.0	8/20/2002								
TW-314(D)	TW-314-D-22.0	8/20/2002								
TW-318(D)	TW-318-D-22.0	8/20/2002								
TW-319(D)	SB-319-D-14.0	8/19/2002								
TW-400(F)	TW-400(F)	8/22/2002								
TW-401(F)	TW-401(F)	8/23/2002								
TW-402(F)	TW-402(F)	8/23/2002								
TW-405(F)	TW-405(F)	8/22/2002								
TW-406(F)	TW-406(F)	8/22/2002								
TW-407(F)	TW-407(F)	8/22/2002								
TW-408(F)	TW-408(F)	8/22/2002								
TW-409(F)	TW-409(F)	8/22/2002								
TW-600(N)	TW-600(N)	9/13/2002								
TW-601(N)	TW-601(N)	9/13/2002								
TW-602(N)	BT-602(N)	9/13/2002								
TW-602(N)	TW-602(N)	9/13/2002								
TW-603(N)	TW-603(N)	9/13/2002								
TW-608(N)	TW-608 (N)	9/13/2002								
TW-612(N)	TW-612(N)	9/12/2002								
TW-612(N)	TW-612(N)	9/12/2002								

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

Locator ID	Sample ID	Sample Date	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
TW-616(N)	TW-616(N)	9/12/2002								
TW-616(N)	TW-616(N)	9/12/2002								
TW-619(N)	TW-619(N)	9/12/2002								
TW-619(N)	TW-619(N)	9/12/2002								
TW-623(N)	TW-623(N)	9/12/2002								
TW-623(N)	TW-623(N)	9/12/2002								
TW-624(N)	TW-624(N)	9/12/2002	1 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
TW-624(N)	TW-624(N)	9/12/2002								
TW-625(N)	BT-625(N)	9/12/2002								
TW-625(N)	TW-625(N)	9/12/2002								
TW-700(P)	TW-700(P)	8/21/2002	5 U	25 U	50 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U
TW-701(P)	TW-701(P)	8/20/2002	10 U	50 U	100 U	5 U	5 U	5 U	5 U	50 U
TW-702(P)	TW-702(P)	8/21/2002	1 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
TW-703(P)	TW-703(P)	8/21/2002	2 U	10 U	20 U	1 U	1 U	1 U	1 U	10 U
TW-704(P)	TW-704(P)	8/21/2002	1 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
TW-706(P)	TW-706(P)	8/21/2002	5 U	25 U	50 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U
TW-707(P)	TW-707(P)	8/21/2002	1 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
TW-708(P)	BT-708(P)	8/20/2002								
TW-708(P)	TW-708(P)	8/20/2002								
TW-709(P)	TW-709(P)	8/21/2002	1 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
TW-710(P)	TW-710(P)	8/21/2002	1 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
TW-711(P)	BT-711(P)	8/21/2002	1 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
TW-711(P)	TW-711(P)	8/21/2002	1 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
TW-712(P)	TW-712(P)	8/21/2002	1 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
TW-714(P)	TW-714(P)	8/21/2002								
TW-716(P)	TW-716(P)	8/20/2002	1 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
TW-717(P)	TW-717(P)	8/20/2002	1 U	5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U
TW-718(P)	TW-718(P)	8/21/2002								
TW-719(P)	BT-719(P)	8/23/2002								
TW-719(P)	TW-719(P)	8/23/2002								
TW-720(P)	TW-720(P)	8/23/2002								
TW-800(Q)	TW-800(Q)-10.5	8/27/2002								
TW-801(Q)	TW801(Q)-10	8/26/2002								
TW-803(Q)	TW-803(Q)-9	8/26/2002								
TW-805(Q)	TW-805(Q)-10	8/26/2002								
TW-806(Q)	TW-806 (Q)-11	8/28/2002								
TW-810(Q)	TW-810 (Q)-8	8/28/2002								

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Astoria Area-Wide Petroleum Site
Astoria, Oregon

Locator ID	Sample ID	Sample Date	Bromoform ug/L	Bromomethane ug/L	Carbon disulfide ug/L	Carbon tetrachloride ug/L	Chlorobenzene ug/L	Chloroethane ug/L	Chloroform ug/L	Chloromethane ug/L
TW-814(Q)	TW814(Q)9	8/27/2002								
TW-816(Q)	TW-816(Q)-12	8/27/2002								
TW-818(Q)	TW-818 (Q)-11	8/28/2002								
TW-819(Q)	TW-819 (Q)-9.5	8/28/2002								
TW-819(Q)	TW-819 (Q)-9.5	8/28/2002								
TW-820(Q)	TW-820 (Q)-10	8/29/2002								
TW-822(Q)	TW-822 (Q)-9	8/29/2002								
TW-824(Q)	TW-824(Q)-9	8/28/2002								
TW-825(Q)	TW-825(Q)-8.5	8/27/2002								
TW-826(Q)	TW-826(Q)-9	8/27/2002								
TW-826(Q)	TW-826 (Q)-8.5	8/29/2002								
TW-828(Q)	TW-828 (Q)-8.5	8/29/2002								
TW-833(Q)	TW-833 (Q)-10.	8/28/2002								
TW-900(S)	SB-900(TW)	8/26/2002								
TW-901(S)	SB-901(TW)	8/26/2002								
TW-901(S)	SB-901(TW)	8/26/2002								
TW-902(S)	SB-902(TW)	8/26/2002								
TW-903(S)	SB-903(TW)	8/26/2002								
TW-903(S)	SB-903(TW)	8/26/2002								
TW-904(S)	SB-904(TW)	8/26/2002								
TW-904(S)	SB-904(TW)	8/26/2002								
TW-905(S)	SB-905(TW)	8/26/2002								
TW-905(S)	SB-905(TW)	8/26/2002								
TW-906(S)	SB-906(TW)	8/27/2002								
TW-906(S)	SB-906(TW)	8/27/2002								
TW-908(S)	SB-908(TW)	8/27/2002								
TW-908(S)	SB-908(TW)	8/27/2002								
TW-909(S)	SB-909(TW)	8/27/2002								
TW-910(S)	SB-910(TW)	8/26/2002								
TW-911(S)	SB-911(TW)	8/27/2002								
TW-911(S)	SB-911(TW)	8/27/2002								

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

Locator ID	Sample ID	Sample Date	cis-1,2-Dichloroethene ug/L	cis-1,3-Dichloropropene ug/L	Dibromochloro methane ug/L	Dibromomethane ug/L	Dichlorodifluoro methane ug/L	Ethylbenzene ug/L	Hexachloro butadiene ug/L	Isopropylbenzene ug/L
MW-1(F)	MW-1-082302	8/23/2002						0.5 U		2 U
MW-1(F)	MW-1-082302	8/23/2002						0.5 U		
MW-1(F)	MW-1(F)	10/22/2003						3.65		0.17 J
MW-1(F)	MW-1 (F)	1/15/2004						1.99		2.1
MW-1(F)	MW-1(F)	4/15/2004						0.66		0.19 J
MW-1(F)	MW-1 (F)	7/20/2004						2.48		0.18 J
MW-2(M)	MW-2(M)	6/19/2003						756		70.2
MW-2(M)	MW-2 (M)	10/15/2003						92.6		42.9
MW-2(M)	MW-2 (M)	1/12/2004						2.52		10.2
MW-2(M)	MW-2(M)	4/14/2004						625		54.7
MW-2(M)	MW-2 (M)	7/22/2004						196		50.6
MW-6(M)	MW-6(M)	6/19/2003						0.5 U		2 U
MW-6(M)	MW-6(M)	10/22/2003						0.41 J		2 U
MW-6(M)	MW-6 (M)	1/12/2004						0.5 U		0.27
MW-6(M)	MW-6 (M)	4/13/2004						0.5 U		2 U
MW-6(M)	MW-6 (M)	7/19/2004						0.5 U		2 U
MW-7(M)	BM-7(M)	6/19/2003						0.5 U		2 U
MW-7(M)	MW-7(M)	6/19/2003						0.5 U		2 U
MW-7(M)	MW-7(M)	10/13/2003						0.5 U		2 U
MW-7(M)	MW-7 (M)	1/12/2004						0.5 U		2 U
MW-7(M)	MW-7 (M)	4/12/2004						0.5 U		2 U
MW-7(M)	MW-7 (M)	7/19/2004						0.5 U		0.12 J
MW-10(M)	MW-10(M)	6/19/2003						25		27.8
MW-10(M)	MW-10 (M)	10/15/2003						182		18.5
MW-10(M)	MW-10 (M)	1/13/2004						24.9		27.5
MW-10(M)	MW-10 (M)	4/13/2004						32.1		23.1
MW-10(M)	MW-10 (M)	7/19/2004						7.38		28.9
MW-11(M)	MW-11(M)	6/19/2003						0.5 U		2 U
MW-11(M)	MW-11 (M)	10/15/2003						0.38 J		4.37
MW-11(M)	MW-11 (M)	1/13/2004						0.11		3.15
MW-11(M)	MW-11 (M)	4/13/2004						0.53		0.43 J
MW-11(M)	MW-11 (M)	7/21/2004						0.5 U		2 U

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

Locator ID	Sample ID	Sample Date	cis-1,2- Dichloroethene ug/L	cis-1,3- Dichloropropene ug/L	Dibromochloro methane ug/L	Dibromomethane ug/L	Dichlorodifluoro methane ug/L	Ethylbenzene ug/L	Hexachloro butadiene ug/L	Isopropylbenzene ug/L
MW-12(A)	MW-12(A)	10/22/2003						1.35		2 U
MW-12(A)	MW-12 (A)	1/15/2004						0.5 U		2 U
MW-12(A)	MW-12(A)	4/16/2004						0.5 U		2 U
MW-12(A)	MW-12 (A)	7/22/2004						0.5 U		2 U
MW-13(A)	MW-13(A)	10/22/2003						915		94.7
MW-13(A)	MW-13 (A)	1/15/2004						2270		225
MW-13(A)	MW-13(A)	4/16/2004						2190		233
MW-13(A)	MW-13 (A)	7/22/2004						1290		137
MW-14(A)	MW-14(A)	10/21/2003						2.36		0.11 J
MW-14(A)	MW-14 (A)	1/15/2004						3.28		0.28 J
MW-14(A)	MW-14(A)	4/16/2004						0.5 U		2 U
MW-14(A)	MW-14 (A)	7/23/2004						0.5 U		2 U
MW-15(A)	MW-15(A)	10/20/2003						27		42.4
MW-16(A)	MW-16(A)	10/20/2003						1.86		7.81
MW-16(A)	MW-16(A)	1/19/2004						0.36 J		3.79
MW-16(A)	MW-16(A)	4/15/2004						1.1		28.8
MW-16(A)	MW-16 (A)	7/22/2004						1.39		13.3
MW-17 (A)	BM-17 (A)	7/22/2004						0.58		1.75 J
MW-17(A)	MW-17 (A)	10/17/2003						14.7		2.9
MW-17(A)	BM-17(A)	1/19/2004						50.3		6.44
MW-17(A)	MW-17(A)	1/19/2004						51.7		6.55
MW-17(A)	MW-17(A)	4/15/2004						29.3		7.78
MW-17(A)	MW-17 (A)	7/22/2004						0.86		1.85 J
MW-18(A)	MW-18(A)	10/21/2003						2.18		25.8
MW-18(A)	MW-18(A)	1/19/2004						5.45		13.8
MW-18(A)	MW-18(A)	4/15/2004						0.26 J		2.09
MW-18(A)	MW-18 (A)	7/21/2004						1.92		9.41

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Remedial Investigation/Feasibility Study
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Astoria, Oregon

Locator ID	Sample ID	Sample Date	cis-1,2-Dichloroethene ug/L	cis-1,3-Dichloropropene ug/L	Dibromochloro methane ug/L	Dibromomethane ug/L	Dichlorodifluoro methane ug/L	Ethylbenzene ug/L	Hexachloro butadiene ug/L	Isopropylbenzene ug/L
MW-19(A)	BM-19(A)	10/20/2003						0.5 U		2 U
MW-19(A)	MW-19(A)	10/20/2003						0.5 U		2 U
MW-19(A)	MW-19 (A)	1/13/2004						0.5 U		2 U
MW-19(A)	MW-19(A)	4/15/2004						0.5 U		2 U
MW-19(A)	BM-19 (A)	7/20/2004						2.13		0.11 J
MW-19(A)	MW-19 (A)	7/20/2004						1.58		2 U
MW-20(A)	MW-20(A)	10/20/2003						20.2		1.88 J
MW-20(A)	MW-20 (A)	1/13/2004						12.5		6.54
MW-20(A)	MW-20(A)	4/15/2004						0.11		1.16
MW-20(A)	MW-20 (A)	7/20/2004						14.8		4.03
MW-21(A)	MW-21(A)	10/20/2003						3.1		2.5
MW-21(A)	BM-21 (A)	1/13/2004						1.2		2.36
MW-21(A)	MW-21 (A)	1/13/2004						1.45		2.53
MW-21(A)	MW-21(A)	4/16/2004						2.51		2.59
MW-21(A)	MW-21 (A)	7/20/2004						3.01		3.9
MW-22(A)	MW-22 (A)	10/16/2003						52.9		2.78
MW-22(A)	MW-22(A)	1/19/2004						0.3 J		2 U
MW-22(A)	MW-22(A)	4/15/2004						0.19		2 U
MW-22(A)	MW-22 (A)	7/20/2004						1.25		2 U
MW-23(A)	MW-23(A)	10/20/2003						0.5 U		2 U
MW-23(A)	MW-23 (A)	1/15/2004						0.52		2 U
MW-23(A)	BM-23(A)	4/15/2004						12.1		2.64
MW-23(A)	MW-23(A)	4/15/2004						14.8		3.27
MW-23(A)	MW-23 (A)	7/20/2004						0.5 U		2 U
MW-24(A)	MW-24(A)	10/21/2003						7.69		0.94 J
MW-24(A)	MW-24 (A)	1/15/2004						60.1		4.8
MW-24(A)	MW-24(A)	4/14/2004						28.4		4.54
MW-24(A)	MW-24 (A)	7/22/2004						29.5		3.2

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

Locator ID	Sample ID	Sample Date	cis-1,2- Dichloroethene ug/L	cis-1,3- Dichloropropene ug/L	Dibromochloro methane ug/L	Dibromomethane ug/L	Dichlorodifluoro methane ug/L	Ethylbenzene ug/L	Hexachloro butadiene ug/L	Isopropylbenzene ug/L
MW-26(A)	MW-26 (A)	10/17/2003						373		32
MW-26(A)	MW-26 (A)	1/15/2004						1280		104
MW-26(A)	MW-26(A)	4/14/2004						852		96
MW-26(A)	MW-26 (A)	7/22/2004						886		102
MW-27(A)	MW-27(A)	10/21/2003						0.12 J		2 U
MW-27(A)	MW-27 (A)	1/14/2004						0.5 U		2 U
MW-27(A)	MW-27 (A)	4/14/2004						0.5 U		2 U
MW-27(A)	MW-27 (A)	7/22/2004						0.37 J		2 U
MW-28(A)	MW-28 (A)	10/17/2003						334		24.4
MW-28(A)	MW-28(A)	1/19/2004						902		30.1
MW-28(A)	MW-28(A)	4/14/2004						247		16.2 J
MW-28(A)	MW-28 (A)	7/23/2004						141		6.55 J
MW-29(A)	MW-29(A)	10/21/2003						2480		86 J
MW-29(A)	MW-29(A)	1/19/2004						2640		82 J
MW-29(A)	MW-29(A)	4/16/2004						1840		69.5 J
MW-29(A)	MW-29 (A)	7/22/2004						1750		98.5 J
MW-30(A)	MW-30 (A)	10/16/2003						2080		88.8
MW-30(A)	MW-30 (A)	1/16/2004						1910		79
MW-30(A)	MW-30 (A)	4/13/2004						1850		70.2
MW-30(A)	MW-30 (A)	7/20/2004						2070		83.2
MW-31(A)	BM-31 (A)	10/16/2003						728		56.5
MW-31(A)	MW-31 (A)	10/16/2003						706		54.4
MW-31(A)	MW-31 (A)	1/12/2004						798		44.2
MW-31(A)	BM-31 (A)	4/13/2004						432		33
MW-31(A)	MW-31 (A)	4/13/2004						533		35.2
MW-31(A)	MW-31 (A)	7/20/2004						911		44.8
MW-32(A)	MW-32(A)	10/14/2003						0.5 U		2 U
MW-32(A)	MW-32 (A)	1/12/2004						0.5 U		2 U
MW-32(A)	MW-32 (A)	4/13/2004						0.5 U		2 U
MW-32(A)	MW-32 (A)	7/19/2004						0.5 U		2 U

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

Locator ID	Sample ID	Sample Date	cis-1,2- Dichloroethene ug/L	cis-1,3- Dichloropropene ug/L	Dibromochloro methane ug/L	Dibromomethane ug/L	Dichlorodifluoro methane ug/L	Ethylbenzene ug/L	Hexachloro butadiene ug/L	Isopropylbenzene ug/L
MW-33(A)	MW-33(A)	10/14/2003						0.5 U		0.35 J
MW-33(A)	MW-33 (A)	1/12/2004						0.55		3.71
MW-33(A)	MW-33 (A)	4/13/2004						1.82		4.07
MW-33(A)	MW-33 (A)	7/19/2004						0.5 U		0.89 J
MW-34(A)	MW-34(A)	10/14/2003						0.29 J		2 U
MW-34(A)	MW-34 (A)	1/13/2004						0.25		2 U
MW-34(A)	MW-34 (A)	4/14/2004						0.21		2 U
MW-34(A)	MW-34 (A)	7/20/2004						0.5 U		2 U
MW-35(A)	MW-35 (A)	10/16/2003						1.12		2 U
MW-35(A)	MW-35 (A)	1/16/2004						0.42 J		2 U
MW-35(A)	MW-35 (A)	4/13/2004						0.5 U		2 U
MW-35(A)	MW-35 (A)	7/20/2004						0.5 U		2 U
MW-36(A)	MW-36(A)	10/21/2003						0.5 U		2 U
MW-36(A)	MW-36 (A)	1/14/2004						0.5 U		2 U
MW-36(A)	MW-36 (A)	4/14/2004						0.92		2 U
MW-36(A)	MW-36 (A)	7/22/2004						0.54		2 U
MW-37(A)	MW-37 (A)	10/17/2003						17		6.72
MW-38(A)	MW-38(A)	10/21/2003						0.5 U		2 U
MW-38(A)	MW-38 (A)	1/14/2004						0.5 U		2 U
MW-38(A)	MW-38 (A)	4/14/2004						0.5 U		2 U
MW-38(A)	MW-38 (A)	7/22/2004						0.73		0.2 J
MW-39(A)	MW-39 (A)	10/16/2003						10.9		3.42
MW-39(A)	MW-39 (A)	1/16/2004						10.8		3.34
MW-39(A)	MW-39 (A)	4/14/2004						9.92		3.36
MW-39(A)	MW-39 (A)	7/21/2004						6.32		2.77
MW-39(A)	Trip Blank	7/21/2004						0.5 U		2 U
MW-39(A)	Trip Blank	7/22/2004						0.5 U		2 U

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

Locator ID	Sample ID	Sample Date	cis-1,2- Dichloroethene ug/L	cis-1,3- Dichloropropene ug/L	Dibromochloro methane ug/L	Dibromomethane ug/L	Dichlorodifluoro methane ug/L	Ethylbenzene ug/L	Hexachloro butadiene ug/L	Isopropylbenzene ug/L
MW-40(A)	MW-40 (A)	10/17/2003						650		44.8
MW-40(A)	MW-40(A)	1/20/2004						2230		98
MW-40(A)	MW-40(A)	4/16/2004						2510		98.5 J
MW-41(A)	MW-41(A)	10/14/2003						1260		38.1
MW-42(A)	MW-42 (A)	10/15/2003						1850		63.4
MW-43(A)	MW-43(A)	10/13/2003						0.5 U		2 U
MW-43(A)	MW-43 (A)	1/12/2004						3.56		2 U
MW-43(A)	MW-43 (A)	4/13/2004						0.48 J		2 U
MW-43(A)	MW-43 (A)	7/21/2004						0.5 U		2 U
MW-44(A)	MW-44 (A)	10/17/2003						2890		94 J
MW-45(A)	MW-45 (A)	10/16/2003						0.32 J		2 U
MW-45(A)	MW-45 (A)	1/16/2004						0.23 J		2 U
MW-45(A)	MW-45 (A)	4/14/2004						0.11 J		2 U
MW-45(A)	MW-45 (A)	7/21/2004						0.11 J		2 U
MW-46(A)	MW-46(A)	10/14/2003						0.5 U		2 U
MW-46(A)	MW-46(A)	1/14/2004						0.5 U		2 U
MW-46(A)	MW-46 (A)	4/12/2004						0.5 U		2 U
MW-46(A)	MW-46 (A)	7/21/2004						0.5 U		2 U
MW-47(A)	MW-47(A)	10/13/2003						0.5 U		2 U
MW-47(A)	MW-47 (A)	1/14/2004						0.13		2 U
MW-47(A)	MW-47 (A)	4/12/2004						0.5 U		2 U
MW-47(A)	MW-47 (A)	7/21/2004						0.5 U		2 U
MW-48(A)	MW-48(A)	10/14/2003						0.5 U		2 U
MW-48(A)	MW-48 (A)	1/14/2004						0.5 U		2 U
MW-48(A)	MW-48 (A)	4/12/2004						0.5 U		2 U
MW-48(A)	MW-48 (A)	7/21/2004						0.5 U		2 U

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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	cis-1,2-Dichloroethene ug/L	cis-1,3-Dichloropropene ug/L	Dibromochloro methane ug/L	Dibromomethane ug/L	Dichlorodifluoro methane ug/L	Ethylbenzene ug/L	Hexachloro butadiene ug/L	Isopropylbenzene ug/L
R-1(M)	R-1(M)	10/22/2003						0.63		2 U
TW-100(C)	SB100(C)W	8/22/2002	0.5 U	0.5 U	5 U	0.5 U	5 U	0.4 U	5 U	0.5 U
TW-103(C)	SB103(C)W	8/22/2002	0.5 U	0.5 U	5 U	0.5 U	5 U	0.4 U	5 U	0.5 U
TW-104(C)	SB104(C)W	8/22/2002	0.5 U	0.5 U	5 U	0.5 U	5 U	0.4 U	5 U	0.5 U
TW-200(C)	SB200(C)W	8/22/2002	0.5 U	0.5 U	5 U	0.5 U	5 U	0.4 U	5 U	0.5 U
TW-201(C)	SB201(C)W	8/22/2002	0.5 U	0.5 U	5 U	0.5 U	5 U	0.4 U	5 U	0.5 U
TW-202(C)	SB202(C)W	8/22/2002	0.5 U	0.5 U	5 U	0.5 U	5 U	0.4 U	5 U	0.5 U
TW-203(C)	SB203(C)W	8/22/2002	0.5 U	0.5 U	5 U	0.5 U	5 U	0.4 U	5 U	0.4 J
TW-204(C)	SB204(C)W	8/22/2002	0.5 U	0.5 U	5 U	0.5 U	5 U	0.4 U	5 U	0.5 U
TW-204(C)	SB204(C)W2	8/22/2002	0.5 U	0.5 U	5 U	0.5 U	5 U	0.4 U	5 U	0.5 U
TW-304(D)	SB-304-D-9.0	8/19/2002						39.1		
TW-304(D)	SB-304-D-9.0 D	8/19/2002						30.8		
TW-305(D)	SB-305-D-9.0	8/19/2002						1760		128
TW-306(D)	SB-306-D-9.0	8/19/2002						222		
TW-307(D)	SB-307-D-9.0	8/19/2002						47.1		
TW-309(D)	SB-309-D-9.0	8/19/2002						0.93		3.75
TW-311(D)	SB-311-D-10.0	8/19/2002						4.13		
TW-312(D)	SB-312-D-10.0	8/19/2002						0.5 U		0.17 J
TW-313(D)	TW-313-D-22.0	8/20/2002						1280		
TW-314(D)	TW-314-D-22.0	8/20/2002						90.9		
TW-318(D)	TW-318-D-22.0	8/20/2002						0.95		2 U
TW-319(D)	SB-319-D-14.0	8/19/2002						0.337 U		
TW-400(F)	TW-400(F)	8/22/2002						0.5 U		
TW-401(F)	TW-401(F)	8/23/2002						0.5 U		
TW-402(F)	TW-402(F)	8/23/2002						0.5 U		
TW-405(F)	TW-405(F)	8/22/2002						22.2		
TW-406(F)	TW-406(F)	8/22/2002						249		
TW-407(F)	TW-407(F)	8/22/2002						9.05		
TW-408(F)	TW-408(F)	8/22/2002						3.98		
TW-409(F)	TW-409(F)	8/22/2002						0.5 U		
TW-600(N)	TW-600(N)	9/13/2002						799		34
TW-601(N)	TW-601(N)	9/13/2002						119		29.1
TW-602(N)	BT-602(N)	9/13/2002						0.5 U		2 U
TW-602(N)	TW-602(N)	9/13/2002						0.5 U		2 U
TW-603(N)	TW-603(N)	9/13/2002						1.13		2 U
TW-608(N)	TW-608 (N)	9/13/2002						0.5 U		2 U
TW-612(N)	TW-612(N)	9/12/2002						312		100 U
TW-612(N)	TW-612(N)	9/12/2002						533		

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Astoria, Oregon

Locator ID	Sample ID	Sample Date	cis-1,2-Dichloroethene ug/L	cis-1,3-Dichloropropene ug/L	Dibromochloro methane ug/L	Dibromomethane ug/L	Dichlorodifluoro methane ug/L	Ethylbenzene ug/L	Hexachloro butadiene ug/L	Isopropylbenzene ug/L
TW-616(N)	TW-616(N)	9/12/2002						0.5 U		2 U
TW-616(N)	TW-616(N)	9/12/2002						0.5 U		
TW-619(N)	TW-619(N)	9/12/2002						80.6		12
TW-619(N)	TW-619(N)	9/12/2002						99.5		
TW-623(N)	TW-623(N)	9/12/2002						16.1		9.57
TW-623(N)	TW-623(N)	9/12/2002						25.4		
TW-624(N)	TW-624(N)	9/12/2002	0.5 U	0.5 U	5 U	0.5 U	5 U	34.8	5 U	24.3
TW-624(N)	TW-624(N)	9/12/2002							10 U	
TW-625(N)	BT-625(N)	9/12/2002						0.5 U		
TW-625(N)	TW-625(N)	9/12/2002						0.5 U		
TW-700(P)	TW-700(P)	8/21/2002	2.5 U	2.5 U	25 U	2.5 U	25 U	358	25 U	70.8
TW-701(P)	TW-701(P)	8/20/2002	5 U	5 U	50 U	5 U	50 U	933	50 U	41.2
TW-702(P)	TW-702(P)	8/21/2002	0.5 U	0.5 U	5 U	0.5 U	5 U	0.4 U	5 U	0.5 U
TW-703(P)	TW-703(P)	8/21/2002	1 U	1 U	10 U	1 U	10 U	172	10 U	42.3
TW-704(P)	TW-704(P)	8/21/2002	0.5 U	0.5 U	5 U	0.5 U	5 U	1.46	5 U	17.8
TW-706(P)	TW-706(P)	8/21/2002	2.5 U	2.5 U	25 U	2.5 U	25 U	195	25 U	14.2
TW-707(P)	TW-707(P)	8/21/2002	0.5 U	0.5 U	5 U	0.5 U	5 U	2.87	5 U	0.5 U
TW-708(P)	BT-708(P)	8/20/2002						154		32.5
TW-708(P)	TW-708(P)	8/20/2002						80.9		27.8
TW-709(P)	TW-709(P)	8/21/2002	0.5 U	0.5 U	5 U	0.5 U	5 U	0.4 U	5 U	0.5 U
TW-710(P)	TW-710(P)	8/21/2002	0.5 U	0.5 U	5 U	0.5 U	5 U	0.4 U	5 U	0.5 U
TW-711(P)	BT-711(P)	8/21/2002	0.5 U	0.5 U	5 U	0.5 U	5 U	0.4 U	5 U	0.5 U
TW-711(P)	TW-711(P)	8/21/2002	0.5 U	0.5 U	5 U	0.5 U	5 U	0.4 U	5 U	0.5 U
TW-712(P)	TW-712(P)	8/21/2002	0.5 U	0.5 U	5 U	0.5 U	5 U	0.4 U	5 U	0.5 U
TW-714(P)	TW-714(P)	8/21/2002						2110		73.2
TW-716(P)	TW-716(P)	8/20/2002	0.5 U	0.5 U	5 U	0.5 U	5 U	0.4 U	5 U	0.5 U
TW-717(P)	TW-717(P)	8/20/2002	0.5 U	0.5 U	5 U	0.5 U	5 U	0.4 U	5 U	0.5 U
TW-718(P)	TW-718(P)	8/21/2002						0.5 U		2 U
TW-719(P)	BT-719(P)	8/23/2002						0.5 U		0.4 J
TW-719(P)	TW-719(P)	8/23/2002						0.5 U		2 U
TW-720(P)	TW-720(P)	8/23/2002						1530		56.2
TW-800(Q)	TW-800(Q)-10.5	8/27/2002						0.5 U		
TW-801(Q)	TW801(Q)-10	8/26/2002						0.5 U		
TW-803(Q)	TW-803(Q)-9	8/26/2002						0.5 U		
TW-805(Q)	TW-805(Q)-10	8/26/2002						2.26		
TW-806(Q)	TW-806 (Q)-11	8/28/2002						0.5 U		
TW-810(Q)	TW-810 (Q)-8	8/28/2002						0.5 U		

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Astoria Area-Wide Petroleum Site
Astoria, Oregon

Locator ID	Sample ID	Sample Date	cis-1,2-Dichloroethene ug/L	cis-1,3-Dichloropropene ug/L	Dibromochloro methane ug/L	Dibromomethane ug/L	Dichlorodifluoro methane ug/L	Ethylbenzene ug/L	Hexachloro butadiene ug/L	Isopropylbenzene ug/L
TW-814(Q)	TW814(Q)9	8/27/2002						0.5 U		
TW-816(Q)	TW-816(Q)-12	8/27/2002						0.5 U		
TW-818(Q)	TW-818 (Q)-11	8/28/2002						0.5 U		
TW-819(Q)	TW-819 (Q)-9.5	8/28/2002						7.78		
TW-819(Q)	TW-819 (Q)-9.5	8/28/2002						11		
TW-820(Q)	TW-820 (Q)-10	8/29/2002						30.2		
TW-822(Q)	TW-822 (Q)-9	8/29/2002						111 J		
TW-824(Q)	TW-824(Q)-9	8/28/2002						0.5 U		
TW-825(Q)	TW-825(Q)-8.5	8/27/2002						0.5 U		
TW-826(Q)	TW-826(Q)-9	8/27/2002						0.5 U		
TW-826(Q)	TW-826 (Q)-8.5	8/29/2002						0.5 U		
TW-828(Q)	TW-828 (Q)-8.5	8/29/2002						0.5 U		
TW-833(Q)	TW-833 (Q)-10.1	8/28/2002						0.5 U		
TW-900(S)	SB-900(TW)	8/26/2002						0.977		
TW-901(S)	SB-901(TW)	8/26/2002						7.82		16.3
TW-901(S)	SB-901(TW)	8/26/2002						7		
TW-902(S)	SB-902(TW)	8/26/2002						1.51		
TW-903(S)	SB-903(TW)	8/26/2002						12.8		4.76
TW-903(S)	SB-903(TW)	8/26/2002						14		
TW-904(S)	SB-904(TW)	8/26/2002						0.5 U		0.17 J
TW-904(S)	SB-904(TW)	8/26/2002						0.26 J		
TW-905(S)	SB-905(TW)	8/26/2002						18.9 J		1.83 J
TW-905(S)	SB-905(TW)	8/26/2002						46.4		
TW-906(S)	SB-906(TW)	8/27/2002						0.15 J		1.16 J
TW-906(S)	SB-906(TW)	8/27/2002						0.5 U		
TW-908(S)	SB-908(TW)	8/27/2002						0.5 U		2 U
TW-908(S)	SB-908(TW)	8/27/2002						0.5 U		
TW-909(S)	SB-909(TW)	8/27/2002						0.5 U		
TW-910(S)	SB-910(TW)	8/26/2002						0.803		
TW-911(S)	SB-911(TW)	8/27/2002						13		1.1 J
TW-911(S)	SB-911(TW)	8/27/2002						5.41		

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

Locator ID	Sample ID	Sample Date	Methylene chloride ug/L	Methyl-t-butyl ether ug/L	n-Butylbenzene ug/L	n-Nitrosodi-n- propylamine ug/L	n-Propylbenzene ug/L	o-Xylene ug/L	sec-Butylbenzene ug/L	Styrene ug/L
MW-1(F)	MW-1-082302	8/23/2002		2 U			0.5 U			
MW-1(F)	MW-1-082302	8/23/2002								
MW-1(F)	MW-1(F)	10/22/2003		2 U			0.26 J			
MW-1(F)	MW-1 (F)	1/15/2004		2 U			1.13			
MW-1(F)	MW-1(F)	4/15/2004		2 U			0.26 J			
MW-1(F)	MW-1 (F)	7/20/2004		2 U			0.4 J			
MW-2(M)	MW-2(M)	6/19/2003		10 U			270			
MW-2(M)	MW-2 (M)	10/15/2003		2 U			159			
MW-2(M)	MW-2 (M)	1/12/2004		2 U			47.8			
MW-2(M)	MW-2(M)	4/14/2004		10 U			212			
MW-2(M)	MW-2 (M)	7/22/2004		10 U			206			
MW-6(M)	MW-6(M)	6/19/2003		2 U			0.5 U			
MW-6(M)	MW-6(M)	10/22/2003		2 U			0.5 U			
MW-6(M)	MW-6 (M)	1/12/2004		2 U			0.49			
MW-6(M)	MW-6 (M)	4/13/2004		2 U			0.5 U			
MW-6(M)	MW-6 (M)	7/19/2004		2 U			0.5 U			
MW-7(M)	BM-7(M)	6/19/2003		2 U			0.5 U			
MW-7(M)	MW-7(M)	6/19/2003		2 U			0.5 U			
MW-7(M)	MW-7(M)	10/13/2003		2 U			0.5 U			
MW-7(M)	MW-7 (M)	1/12/2004		2 U			0.5 U			
MW-7(M)	MW-7 (M)	4/12/2004		2 U			0.5 U			
MW-7(M)	MW-7 (M)	7/19/2004		2 U			0.17 J			
MW-10(M)	MW-10(M)	6/19/2003		2 U			26.8			
MW-10(M)	MW-10 (M)	10/15/2003		4 U			48.6			
MW-10(M)	MW-10 (M)	1/13/2004		2 U			28.9			
MW-10(M)	MW-10 (M)	4/13/2004		2 U			21.7			
MW-10(M)	MW-10 (M)	7/19/2004		2 U			37.1			
MW-11(M)	MW-11(M)	6/19/2003		2 U			0.5 U			
MW-11(M)	MW-11 (M)	10/15/2003		2 U			7.48			
MW-11(M)	MW-11 (M)	1/13/2004		2 U			1.3			
MW-11(M)	MW-11 (M)	4/13/2004		2 U			3.19			
MW-11(M)	MW-11 (M)	7/21/2004		2 U			0.5 U			

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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Methylene chloride ug/L	Methyl-t-butyl ether ug/L	n-Butylbenzene ug/L	n-Nitrosodi-n- propylamine ug/L	n-Propylbenzene ug/L	o-Xylene ug/L	sec-Butylbenzene ug/L	Styrene ug/L
MW-12(A)	MW-12(A)	10/22/2003		2 U			0.5 U			
MW-12(A)	MW-12 (A)	1/15/2004		2 U			0.5 U			
MW-12(A)	MW-12(A)	4/16/2004		2 U			0.5 U			
MW-12(A)	MW-12 (A)	7/22/2004		2 U			0.5 U			
MW-13(A)	MW-13(A)	10/22/2003		10 U			228			
MW-13(A)	MW-13 (A)	1/15/2004		40 U			676			
MW-13(A)	MW-13(A)	4/16/2004		40 U			657			
MW-13(A)	MW-13 (A)	7/22/2004		40 U			355			
MW-14(A)	MW-14(A)	10/21/2003		2 U			0.2 J			
MW-14(A)	MW-14 (A)	1/15/2004		2 U			0.66			
MW-14(A)	MW-14(A)	4/16/2004		2 U			0.5 U			
MW-14(A)	MW-14 (A)	7/23/2004		2 U			0.5 U			
MW-15(A)	MW-15(A)	10/20/2003		0.93 J			90.3			
MW-16(A)	MW-16(A)	10/20/2003		2 U			12.3			
MW-16(A)	MW-16(A)	1/19/2004		2 U			5.44			
MW-16(A)	MW-16(A)	4/15/2004		0.38 J			29.9			
MW-16(A)	MW-16 (A)	7/22/2004		2 U			25.1			
MW-17 (A)	BM-17 (A)	7/22/2004		2 U			3.95			
MW-17(A)	MW-17 (A)	10/17/2003		2 U			7.97			
MW-17(A)	BM-17(A)	1/19/2004		2 U			16.4			
MW-17(A)	MW-17(A)	1/19/2004		2 U			17.4			
MW-17(A)	MW-17(A)	4/15/2004		2 U			23			
MW-17(A)	MW-17 (A)	7/22/2004		2 U			4.37			
MW-18(A)	MW-18(A)	10/21/2003		0.98 J			45			
MW-18(A)	MW-18(A)	1/19/2004		2 U			26.9			
MW-18(A)	MW-18(A)	4/15/2004		0.2 J			1.6			
MW-18(A)	MW-18 (A)	7/21/2004		2 U			19			

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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Methylene chloride ug/L	Methyl-t-butyl ether ug/L	n-Butylbenzene ug/L	n-Nitrosodi-n- propylamine ug/L	n-Propylbenzene ug/L	o-Xylene ug/L	sec-Butylbenzene ug/L	Styrene ug/L
MW-19(A)	BM-19(A)	10/20/2003		0.23 J			0.5 U			
MW-19(A)	MW-19(A)	10/20/2003		0.23 J			0.5 U			
MW-19(A)	MW-19 (A)	1/13/2004		2 U			0.5 U			
MW-19(A)	MW-19(A)	4/15/2004		2 U			0.5 U			
MW-19(A)	BM-19 (A)	7/20/2004		0.11 J			0.21 J			
MW-19(A)	MW-19 (A)	7/20/2004		2 U			0.2 J			
MW-20(A)	MW-20(A)	10/20/2003		2 U			3.62			
MW-20(A)	MW-20 (A)	1/13/2004		2 U			8.92			
MW-20(A)	MW-20(A)	4/15/2004		2 U			2.02			
MW-20(A)	MW-20 (A)	7/20/2004		2 U			3			
MW-21(A)	MW-21(A)	10/20/2003		2 U			7.31			
MW-21(A)	BM-21 (A)	1/13/2004		2 U			6.9			
MW-21(A)	MW-21 (A)	1/13/2004		2 U			7.59			
MW-21(A)	MW-21(A)	4/16/2004		2 U			3.97			
MW-21(A)	MW-21 (A)	7/20/2004		2 U			13.3			
MW-22(A)	MW-22 (A)	10/16/2003		2 U			7			
MW-22(A)	MW-22(A)	1/19/2004		2 U			0.5 U			
MW-22(A)	MW-22(A)	4/15/2004		2 U			0.5 U			
MW-22(A)	MW-22 (A)	7/20/2004		2 U			0.18 J			
MW-23(A)	MW-23(A)	10/20/2003		2 U			0.15 J			
MW-23(A)	MW-23 (A)	1/15/2004		2 U			0.17			
MW-23(A)	BM-23(A)	4/15/2004		2 U			5.04			
MW-23(A)	MW-23(A)	4/15/2004		2 U			6.02			
MW-23(A)	MW-23 (A)	7/20/2004		2 U			0.5 U			
MW-24(A)	MW-24(A)	10/21/2003		2 U			2.01			
MW-24(A)	MW-24 (A)	1/15/2004		20 U			9.7			
MW-24(A)	MW-24(A)	4/14/2004		2 U			11.1			
MW-24(A)	MW-24 (A)	7/22/2004		2 U			6.53			

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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Methylene chloride ug/L	Methyl-t-butyl ether ug/L	n-Butylbenzene ug/L	n-Nitrosodi-n- propylamine ug/L	n-Propylbenzene ug/L	o-Xylene ug/L	sec-Butylbenzene ug/L	Styrene ug/L
MW-26(A)	MW-26 (A)	10/17/2003		10 U			83.3			
MW-26(A)	MW-26 (A)	1/15/2004		40 U			280			
MW-26(A)	MW-26(A)	4/14/2004		40 U			251			
MW-26(A)	MW-26 (A)	7/22/2004		40 U			278			
MW-27(A)	MW-27(A)	10/21/2003		2 U			0.5 U			
MW-27(A)	MW-27 (A)	1/14/2004		2 U			0.5 U			
MW-27(A)	MW-27 (A)	4/14/2004		2 U			0.5 U			
MW-27(A)	MW-27 (A)	7/22/2004		2 U			0.5 U			
MW-28(A)	MW-28 (A)	10/17/2003		20 U			85.6			
MW-28(A)	MW-28(A)	1/19/2004		20 U			92.4			
MW-28(A)	MW-28(A)	4/14/2004		20 U			37.4			
MW-28(A)	MW-28 (A)	7/23/2004		10 U			18.2			
MW-29(A)	MW-29(A)	10/21/2003		100 U			234			
MW-29(A)	MW-29(A)	1/19/2004		100 U			241			
MW-29(A)	MW-29(A)	4/16/2004		100 U			188			
MW-29(A)	MW-29 (A)	7/22/2004		100 U			270			
MW-30(A)	MW-30 (A)	10/16/2003		40 U			238			
MW-30(A)	MW-30 (A)	1/16/2004		40 U			232			
MW-30(A)	MW-30 (A)	4/13/2004		20 U			170			
MW-30(A)	MW-30 (A)	7/20/2004		40 U			218			
MW-31(A)	BM-31 (A)	10/16/2003		20 U			156			
MW-31(A)	MW-31 (A)	10/16/2003		20 U			152			
MW-31(A)	MW-31 (A)	1/12/2004		20 U			121			
MW-31(A)	BM-31 (A)	4/13/2004		10 U			73			
MW-31(A)	MW-31 (A)	4/13/2004		10 U			80.2			
MW-31(A)	MW-31 (A)	7/20/2004		20 U			119			
MW-32(A)	MW-32(A)	10/14/2003		2 U			0.5 U			
MW-32(A)	MW-32 (A)	1/12/2004		2 U			0.5 U			
MW-32(A)	MW-32 (A)	4/13/2004		2 U			0.5 U			
MW-32(A)	MW-32 (A)	7/19/2004		2 U			0.5 U			

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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Methylene chloride ug/L	Methyl-t-butyl ether ug/L	n-Butylbenzene ug/L	n-Nitrosodi-n- propylamine ug/L	n-Propylbenzene ug/L	o-Xylene ug/L	sec-Butylbenzene ug/L	Styrene ug/L
MW-33(A)	MW-33(A)	10/14/2003		2 U			0.63			
MW-33(A)	MW-33 (A)	1/12/2004		2 U			8.13			
MW-33(A)	MW-33 (A)	4/13/2004		2 U			8.46			
MW-33(A)	MW-33 (A)	7/19/2004		2 U			1.61			
MW-34(A)	MW-34(A)	10/14/2003		2 U			0.5 U			
MW-34(A)	MW-34 (A)	1/13/2004		2 U			0.5 U			
MW-34(A)	MW-34 (A)	4/14/2004		2 U			0.5 U			
MW-34(A)	MW-34 (A)	7/20/2004		2 U			0.5 U			
MW-35(A)	MW-35 (A)	10/16/2003		2 U			0.17 J			
MW-35(A)	MW-35 (A)	1/16/2004		2 U			0.18 J			
MW-35(A)	MW-35 (A)	4/13/2004		2 U			0.5 U			
MW-35(A)	MW-35 (A)	7/20/2004		2 U			0.5 U			
MW-36(A)	MW-36(A)	10/21/2003		2 U			0.5 U			
MW-36(A)	MW-36 (A)	1/14/2004		2 U			0.5 U			
MW-36(A)	MW-36 (A)	4/14/2004		2 U			0.5 U			
MW-36(A)	MW-36 (A)	7/22/2004		2 U			0.14 J			
MW-37(A)	MW-37 (A)	10/17/2003		2 U			10.4			
MW-38(A)	MW-38(A)	10/21/2003		2 U			0.5 U			
MW-38(A)	MW-38 (A)	1/14/2004		2 U			0.15			
MW-38(A)	MW-38 (A)	4/14/2004		2 U			0.5 U			
MW-38(A)	MW-38 (A)	7/22/2004		2 U			0.51			
MW-39(A)	MW-39 (A)	10/16/2003		2 U			5.33			
MW-39(A)	MW-39 (A)	1/16/2004		2 U			4.57			
MW-39(A)	MW-39 (A)	4/14/2004		2 U			6.58			
MW-39(A)	MW-39 (A)	7/21/2004		2 U			4.4			
MW-39(A)	Trip Blank	7/21/2004		2 U			0.5 U			
MW-39(A)	Trip Blank	7/22/2004		2 U			0.5 U			

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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Methylene chloride ug/L	Methyl-t-butyl ether ug/L	n-Butylbenzene ug/L	n-Nitrosodi-n- propylamine ug/L	n-Propylbenzene ug/L	o-Xylene ug/L	sec-Butylbenzene ug/L	Styrene ug/L
MW-40(A)	MW-40 (A)	10/17/2003		10 U			86.4			
MW-40(A)	MW-40(A)	1/20/2004		40 U			334			
MW-40(A)	MW-40(A)	4/16/2004		100 U			325			
MW-41(A)	MW-41(A)	10/14/2003		20 U			88.9			
MW-42(A)	MW-42 (A)	10/15/2003		40 U			226			
MW-43(A)	MW-43(A)	10/13/2003		2 U			0.5 U			
MW-43(A)	MW-43 (A)	1/12/2004		2 U			0.5 U			
MW-43(A)	MW-43 (A)	4/13/2004		2 U			3.76			
MW-43(A)	MW-43 (A)	7/21/2004		2 U			0.5 U			
MW-44(A)	MW-44 (A)	10/17/2003		100 U			388			
MW-45(A)	MW-45 (A)	10/16/2003		2 U			0.21 J			
MW-45(A)	MW-45 (A)	1/16/2004		2 U			0.5 U			
MW-45(A)	MW-45 (A)	4/14/2004		2 U			0.5 U			
MW-45(A)	MW-45 (A)	7/21/2004		2 U			0.5 U			
MW-46(A)	MW-46(A)	10/14/2003		2 U			0.5 U			
MW-46(A)	MW-46(A)	1/14/2004		2 U			0.5 U			
MW-46(A)	MW-46 (A)	4/12/2004		2 U			0.5 U			
MW-46(A)	MW-46 (A)	7/21/2004		2 U			0.5 U			
MW-47(A)	MW-47(A)	10/13/2003		2 U			0.5 U			
MW-47(A)	MW-47 (A)	1/14/2004		2 U			0.5 U			
MW-47(A)	MW-47 (A)	4/12/2004		2 U			0.5 U			
MW-47(A)	MW-47 (A)	7/21/2004		2 U			0.5 U			
MW-48(A)	MW-48(A)	10/14/2003		2 U			0.5 U			
MW-48(A)	MW-48 (A)	1/14/2004		2 U			0.5 U			
MW-48(A)	MW-48 (A)	4/12/2004		2 U			0.5 U			
MW-48(A)	MW-48 (A)	7/21/2004		2 U			0.5 U			

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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Methylene chloride ug/L	Methyl-t-butyl ether ug/L	n-Butylbenzene ug/L	n-Nitrosodi-n- propylamine ug/L	n-Propylbenzene ug/L	o-Xylene ug/L	sec-Butylbenzene ug/L	Styrene ug/L
R-1(M)	R-1(M)	10/22/2003		2 U			0.5 U			
TW-100(C)	SB100(C)W	8/22/2002	5 U	0.4 U	0.5 U		0.5 U	0.4 U	0.5 U	1 U
TW-103(C)	SB103(C)W	8/22/2002	5 U	0.4 U	0.5 U		0.5 U	0.4 U	0.5 U	1 U
TW-104(C)	SB104(C)W	8/22/2002	5 U	0.4 U	0.5 U		0.5 U	0.4 U	0.5 U	1 U
TW-200(C)	SB200(C)W	8/22/2002	5 U	0.4 U	0.5 U		0.5 U	0.4 U	0.5 U	1 U
TW-201(C)	SB201(C)W	8/22/2002	5 U	0.4 U	0.5 U		0.5 U	0.4 U	0.5 U	1 U
TW-202(C)	SB202(C)W	8/22/2002	5 U	0.4 U	0.5 U		0.5 U	0.4 U	0.5 U	1 U
TW-203(C)	SB203(C)W	8/22/2002	5 U	0.4 U	0.53		0.88	0.4 U	0.61	1 U
TW-204(C)	SB204(C)W	8/22/2002	5 U	0.4 U	0.5 U		0.5 U	0.4 U	0.5 U	1 U
TW-204(C)	SB204(C)W2	8/22/2002	5 U	0.4 U	0.5 U		0.5 U	0.4 U	0.5 U	1 U
TW-304(D)	SB-304-D-9.0	8/19/2002								
TW-304(D)	SB-304-D-9.0 D	8/19/2002								
TW-305(D)	SB-305-D-9.0	8/19/2002		40 U			416			
TW-306(D)	SB-306-D-9.0	8/19/2002								
TW-307(D)	SB-307-D-9.0	8/19/2002								
TW-309(D)	SB-309-D-9.0	8/19/2002		2 U			5.72			
TW-311(D)	SB-311-D-10.0	8/19/2002								
TW-312(D)	SB-312-D-10.0	8/19/2002		2 U			0.32	J		
TW-313(D)	TW-313-D-22.0	8/20/2002								
TW-314(D)	TW-314-D-22.0	8/20/2002								
TW-318(D)	TW-318-D-22.0	8/20/2002		2 U			0.14	J		
TW-319(D)	SB-319-D-14.0	8/19/2002								
TW-400(F)	TW-400(F)	8/22/2002								
TW-401(F)	TW-401(F)	8/23/2002								
TW-402(F)	TW-402(F)	8/23/2002								
TW-405(F)	TW-405(F)	8/22/2002								
TW-406(F)	TW-406(F)	8/22/2002								
TW-407(F)	TW-407(F)	8/22/2002								
TW-408(F)	TW-408(F)	8/22/2002								
TW-409(F)	TW-409(F)	8/22/2002								
TW-600(N)	TW-600(N)	9/13/2002		10 U			89.2			
TW-601(N)	TW-601(N)	9/13/2002		4 U			49.3			
TW-602(N)	BT-602(N)	9/13/2002		2 U			0.5 U			
TW-602(N)	TW-602(N)	9/13/2002		2 U			0.5 U			
TW-603(N)	TW-603(N)	9/13/2002		2 U			1.19			
TW-608(N)	TW-608 (N)	9/13/2002		2 U			0.5 U			
TW-612(N)	TW-612(N)	9/12/2002		100 U			98			
TW-612(N)	TW-612(N)	9/12/2002								

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

Locator ID	Sample ID	Sample Date	Methylene chloride ug/L	Methyl-t-butyl ether ug/L	n-Butylbenzene ug/L	n-Nitrosodi-n- propylamine ug/L	n-Propylbenzene ug/L	o-Xylene ug/L	sec-Butylbenzene ug/L	Styrene ug/L
TW-616(N)	TW-616(N)	9/12/2002		2 U			0.5 U			
TW-616(N)	TW-616(N)	9/12/2002								
TW-619(N)	TW-619(N)	9/12/2002		10 U			17.6			
TW-619(N)	TW-619(N)	9/12/2002								
TW-623(N)	TW-623(N)	9/12/2002		2 U			23.2			
TW-623(N)	TW-623(N)	9/12/2002								
TW-624(N)	TW-624(N)	9/12/2002	5 U	0.4 U	10.5	10 U	60.7	11.2	6.25	1 U
TW-624(N)	TW-624(N)	9/12/2002								
TW-625(N)	BT-625(N)	9/12/2002								
TW-625(N)	TW-625(N)	9/12/2002								
TW-700(P)	TW-700(P)	8/21/2002	25 U	2 U	18.2		131	172	2.5 U	5 U
TW-701(P)	TW-701(P)	8/20/2002	50 U	4 U	2.8 J		81.9	27.8	5 U	10 U
TW-702(P)	TW-702(P)	8/21/2002	5 U	0.4 U	0.5 U		0.5 U	0.4 U	0.5 U	1 U
TW-703(P)	TW-703(P)	8/21/2002	5.08	0.8 U	8.38		58	29.9	5.74	2 U
TW-704(P)	TW-704(P)	8/21/2002	5 U	0.4 U	1.64		23.8	3.69	2.37	1 U
TW-706(P)	TW-706(P)	8/21/2002	25 U	2 U	0.95 J		26.6	91.6	2.5 U	5 U
TW-707(P)	TW-707(P)	8/21/2002	5 U	0.4 U	0.5 U		0.5 U	0.27 J	0.5 U	1 U
TW-708(P)	BT-708(P)	8/20/2002		20 U			88.5			
TW-708(P)	TW-708(P)	8/20/2002		20 U			73.2			
TW-709(P)	TW-709(P)	8/21/2002	5 U	0.4 U	0.5 U		0.5 U	0.4 U	0.5 U	1 U
TW-710(P)	TW-710(P)	8/21/2002	5 U	0.4 U	0.5 U		0.5 U	0.4 U	0.5 U	1 U
TW-711(P)	BT-711(P)	8/21/2002	5 U	0.4 U	0.5 U		0.5 U	0.4 U	0.5 U	1 U
TW-711(P)	TW-711(P)	8/21/2002	5 U	0.4 U	0.5 U		0.5 U	0.4 U	0.5 U	1 U
TW-712(P)	TW-712(P)	8/21/2002	5 U	0.4 U	0.5 U		0.5 U	0.4 U	0.5 U	1 U
TW-714(P)	TW-714(P)	8/21/2002		40 U			277			
TW-716(P)	TW-716(P)	8/20/2002	5 U	0.4 U	0.5 U		0.5 U	0.4 U	0.5 U	1 U
TW-717(P)	TW-717(P)	8/20/2002	5 U	0.4 U	0.5 U		0.14 J	0.49	0.5 U	1 U
TW-718(P)	TW-718(P)	8/21/2002		2 U			0.5 U			
TW-719(P)	BT-719(P)	8/23/2002		2 U			0.41 J			
TW-719(P)	TW-719(P)	8/23/2002		2 U			0.35 J			
TW-720(P)	TW-720(P)	8/23/2002		40 U			188			
TW-800(Q)	TW-800(Q)-10.5	8/27/2002								
TW-801(Q)	TW801(Q)-10	8/26/2002								
TW-803(Q)	TW-803(Q)-9	8/26/2002								
TW-805(Q)	TW-805(Q)-10	8/26/2002								
TW-806(Q)	TW-806 (Q)-11	8/28/2002								
TW-810(Q)	TW-810 (Q)-8	8/28/2002								

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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Methylene chloride ug/L	Methyl-t-butyl ether ug/L	n-Butylbenzene ug/L	n-Nitrosodi-n- propylamine ug/L	n-Propylbenzene ug/L	o-Xylene ug/L	sec-Butylbenzene ug/L	Styrene ug/L
TW-814(Q)	TW814(Q)9	8/27/2002								
TW-816(Q)	TW-816(Q)-12	8/27/2002								
TW-818(Q)	TW-818 (Q)-11	8/28/2002								
TW-819(Q)	TW-819 (Q)-9.5	8/28/2002								
TW-819(Q)	TW-819 (Q)-9.5	8/28/2002								
TW-820(Q)	TW-820 (Q)-10	8/29/2002								
TW-822(Q)	TW-822 (Q)-9	8/29/2002								
TW-824(Q)	TW-824(Q)-9	8/28/2002								
TW-825(Q)	TW-825(Q)-8.5	8/27/2002								
TW-826(Q)	TW-826(Q)-9	8/27/2002								
TW-826(Q)	TW-826 (Q)-8.5	8/29/2002								
TW-828(Q)	TW-828 (Q)-8.5	8/29/2002								
TW-833(Q)	TW-833 (Q)-10.	8/28/2002								
TW-900(S)	SB-900(TW)	8/26/2002								
TW-901(S)	SB-901(TW)	8/26/2002		10 U			32.4			
TW-901(S)	SB-901(TW)	8/26/2002								
TW-902(S)	SB-902(TW)	8/26/2002								
TW-903(S)	SB-903(TW)	8/26/2002		2 U			7.85			
TW-903(S)	SB-903(TW)	8/26/2002								
TW-904(S)	SB-904(TW)	8/26/2002		2 U			0.27 J			
TW-904(S)	SB-904(TW)	8/26/2002								
TW-905(S)	SB-905(TW)	8/26/2002		2 U			1.86 J			
TW-905(S)	SB-905(TW)	8/26/2002								
TW-906(S)	SB-906(TW)	8/27/2002		2 U			2.04			
TW-906(S)	SB-906(TW)	8/27/2002								
TW-908(S)	SB-908(TW)	8/27/2002		0.14 J			0.5 U			
TW-908(S)	SB-908(TW)	8/27/2002								
TW-909(S)	SB-909(TW)	8/27/2002								
TW-910(S)	SB-910(TW)	8/26/2002								
TW-911(S)	SB-911(TW)	8/27/2002		2 U			0.8			
TW-911(S)	SB-911(TW)	8/27/2002								

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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	tert-Butylbenzene ug/L	Tetrachloroethene ug/L	Toluene ug/L	trans-1,2- Dichloroethene ug/L	trans-1,3- Dichloropropene ug/L	Trichloroethene ug/L	Trichlorofluoro methane ug/L	Vinyl acetate ug/L	Vinyl chloride ug/L	Xylene, Isomers m & p ug/L	Xylenes ug/L
MW-1(F)	MW-1-082302	8/23/2002			0.5 U								1 U
MW-1(F)	MW-1-082302	8/23/2002			0.5 U								1 U
MW-1(F)	MW-1(F)	10/22/2003			7.08								16.3
MW-1(F)	MW-1 (F)	1/15/2004			0.5 U								1 U
MW-1(F)	MW-1(F)	4/15/2004			0.5 U								0.92 J
MW-1(F)	MW-1 (F)	7/20/2004			0.32 J								2
MW-2(M)	MW-2(M)	6/19/2003			15.5								369
MW-2(M)	MW-2 (M)	10/15/2003			8.5								21.3
MW-2(M)	MW-2 (M)	1/12/2004			0.51 J+,B								0.86
MW-2(M)	MW-2(M)	4/14/2004			13.4								342
MW-2(M)	MW-2 (M)	7/22/2004			7.35								29.4
MW-6(M)	MW-6(M)	6/19/2003			0.5 U								1 U
MW-6(M)	MW-6(M)	10/22/2003			0.5 U B								1 U
MW-6(M)	MW-6 (M)	1/12/2004			0.5 U								1 U
MW-6(M)	MW-6 (M)	4/13/2004			0.5 U								1 U
MW-6(M)	MW-6 (M)	7/19/2004			0.5 U								1 U
MW-7(M)	BM-7(M)	6/19/2003			0.5 U								1 U
MW-7(M)	MW-7(M)	6/19/2003			0.5 U								1 U
MW-7(M)	MW-7(M)	10/13/2003			0.5 U								1 U
MW-7(M)	MW-7 (M)	1/12/2004			0.5 U								1 U
MW-7(M)	MW-7 (M)	4/12/2004			0.5 U								1 U
MW-7(M)	MW-7 (M)	7/19/2004			0.5 U								1 U
MW-10(M)	MW-10(M)	6/19/2003			5.55								49
MW-10(M)	MW-10 (M)	10/15/2003			19.3								49.6
MW-10(M)	MW-10 (M)	1/13/2004			15.3								46.9
MW-10(M)	MW-10 (M)	4/13/2004			10.5								55
MW-10(M)	MW-10 (M)	7/19/2004			6.09								31.2
MW-11(M)	MW-11(M)	6/19/2003			0.5 U								1 U
MW-11(M)	MW-11 (M)	10/15/2003			0.96 JB								8.39
MW-11(M)	MW-11 (M)	1/13/2004			0.5 U B								1 U
MW-11(M)	MW-11 (M)	4/13/2004			0.5 U B								1 U
MW-11(M)	MW-11 (M)	7/21/2004			0.5 U								1 U

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

Locator ID	Sample ID	Sample Date	tert-Butylbenzene ug/L	Tetrachloroethene ug/L	Toluene ug/L	trans-1,2- Dichloroethene ug/L	trans-1,3- Dichloropropene ug/L	Trichloroethene ug/L	Trichlorofluoro methane ug/L	Vinyl acetate ug/L	Vinyl chloride ug/L	Xylene, Isomers m & p ug/L	Xylenes ug/L
MW-12(A)	MW-12(A)	10/22/2003			2.77								3.77
MW-12(A)	MW-12 (A)	1/15/2004			0.5 U								1 U
MW-12(A)	MW-12(A)	4/16/2004			0.5 U								1 U
MW-12(A)	MW-12 (A)	7/22/2004			0.5 U								1 U
MW-13(A)	MW-13(A)	10/22/2003			26.6								94.6
MW-13(A)	MW-13 (A)	1/15/2004			82.4								578
MW-13(A)	MW-13(A)	4/16/2004			58								110
MW-13(A)	MW-13 (A)	7/22/2004			30								50.4
MW-14(A)	MW-14(A)	10/21/2003			5.91								6.82
MW-14(A)	MW-14 (A)	1/15/2004			0.5 U								0.47 J
MW-14(A)	MW-14(A)	4/16/2004			0.5 U								1 U
MW-14(A)	MW-14 (A)	7/23/2004			0.5 U								1 U
MW-15(A)	MW-15(A)	10/20/2003			13.5								40.7
MW-16(A)	MW-16(A)	10/20/2003			1.43 J,B								9.74
MW-16(A)	MW-16(A)	1/19/2004			0.5 U B								1 U
MW-16(A)	MW-16(A)	4/15/2004			0.71 JB								0.34 J
MW-16(A)	MW-16 (A)	7/22/2004			2.15								2.83
MW-17 (A)	BM-17 (A)	7/22/2004			1.09								1.12
MW-17(A)	MW-17 (A)	10/17/2003			25.5								35.3
MW-17(A)	BM-17(A)	1/19/2004			1.04 JB								18.9
MW-17(A)	MW-17(A)	1/19/2004			1.05 JB								20.1
MW-17(A)	MW-17(A)	4/15/2004			0.67 JB								8.65
MW-17(A)	MW-17 (A)	7/22/2004			1.46								1.83
MW-18(A)	MW-18(A)	10/21/2003			21.1								22.4
MW-18(A)	MW-18(A)	1/19/2004			13.9								18.9
MW-18(A)	MW-18(A)	4/15/2004			0.68 JB								0.82 J
MW-18(A)	MW-18 (A)	7/21/2004			3.18								1.68

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

Locator ID	Sample ID	Sample Date	tert-Butylbenzene ug/L	Tetrachloroethene ug/L	Toluene ug/L	trans-1,2- Dichloroethene ug/L	trans-1,3- Dichloropropene ug/L	Trichloroethene ug/L	Trichlorofluoro methane ug/L	Vinyl acetate ug/L	Vinyl chloride ug/L	Xylene, Isomers m & p ug/L	Xylenes ug/L
MW-19(A)	BM-19(A)	10/20/2003			0.5 U								1 U
MW-19(A)	MW-19(A)	10/20/2003			0.5 U								1 U
MW-19(A)	MW-19 (A)	1/13/2004			0.5 U								1 U
MW-19(A)	MW-19(A)	4/15/2004			0.5 U								1 U
MW-19(A)	BM-19 (A)	7/20/2004			0.25 J								0.73 J
MW-19(A)	MW-19 (A)	7/20/2004			0.19 J								0.61 J
MW-20(A)	MW-20(A)	10/20/2003			1.29 J,B								121
MW-20(A)	MW-20 (A)	1/13/2004			0.88 J+,B								46.2
MW-20(A)	MW-20(A)	4/15/2004			0.5 U B								1.08
MW-20(A)	MW-20 (A)	7/20/2004			1.18								63.3
MW-21(A)	MW-21(A)	10/20/2003			0.5 U								1.73
MW-21(A)	BM-21 (A)	1/13/2004			0.5 U B								0.45
MW-21(A)	MW-21 (A)	1/13/2004			0.5 U B								0.46
MW-21(A)	MW-21(A)	4/16/2004			0.52 JB								5.41
MW-21(A)	MW-21 (A)	7/20/2004			0.17 J								0.88 J
MW-22(A)	MW-22 (A)	10/16/2003			2.96								7.82
MW-22(A)	MW-22(A)	1/19/2004			0.5 U								1 U
MW-22(A)	MW-22(A)	4/15/2004			0.5 U								1 U
MW-22(A)	MW-22 (A)	7/20/2004			0.5 U								0.46 J
MW-23(A)	MW-23(A)	10/20/2003			0.5 U								1 U
MW-23(A)	MW-23 (A)	1/15/2004			0.5 U								0.38
MW-23(A)	BM-23(A)	4/15/2004			0.94 JB								10.9
MW-23(A)	MW-23(A)	4/15/2004			1.13 JB								14.5
MW-23(A)	MW-23 (A)	7/20/2004			0.5 U								1 U
MW-24(A)	MW-24(A)	10/21/2003			1.17 J,B								10.5
MW-24(A)	MW-24 (A)	1/15/2004			5 U								116
MW-24(A)	MW-24(A)	4/14/2004			0.5 U B								30.7
MW-24(A)	MW-24 (A)	7/22/2004			0.98								15.6

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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	tert-Butylbenzene ug/L	Tetrachloroethene ug/L	Toluene ug/L	trans-1,2- Dichloroethene ug/L	trans-1,3- Dichloropropene ug/L	Trichloroethene ug/L	Trichlorofluoro methane ug/L	Vinyl acetate ug/L	Vinyl chloride ug/L	Xylene, Isomers m & p ug/L	Xylenes ug/L
MW-26(A)	MW-26 (A)	10/17/2003			18.4								1040
MW-26(A)	MW-26 (A)	1/15/2004			24.2 JB								5500
MW-26(A)	MW-26(A)	4/14/2004			14.8 JB								3060
MW-26(A)	MW-26 (A)	7/22/2004			17.2								3430
MW-27(A)	MW-27(A)	10/21/2003			0.5 U								1 U
MW-27(A)	MW-27 (A)	1/14/2004			0.5 U								1 U
MW-27(A)	MW-27 (A)	4/14/2004			0.5 U								1 U
MW-27(A)	MW-27 (A)	7/22/2004			0.5 U								1 U
MW-28(A)	MW-28 (A)	10/17/2003			201								1070
MW-28(A)	MW-28(A)	1/19/2004			696								4000
MW-28(A)	MW-28(A)	4/14/2004			88.9								874
MW-28(A)	MW-28 (A)	7/23/2004			15.8								412
MW-29(A)	MW-29(A)	10/21/2003			5160								13300
MW-29(A)	MW-29(A)	1/19/2004			8170								13500
MW-29(A)	MW-29(A)	4/16/2004			3780								8920
MW-29(A)	MW-29 (A)	7/22/2004			5520								8130
MW-30(A)	MW-30 (A)	10/16/2003			110								663
MW-30(A)	MW-30 (A)	1/16/2004			127								378
MW-30(A)	MW-30 (A)	4/13/2004			243								2140
MW-30(A)	MW-30 (A)	7/20/2004			128								1330
MW-31(A)	BM-31 (A)	10/16/2003			41.6								143
MW-31(A)	MW-31 (A)	10/16/2003			38.4								138
MW-31(A)	MW-31 (A)	1/12/2004			109								189
MW-31(A)	BM-31 (A)	4/13/2004			29.2								121
MW-31(A)	MW-31 (A)	4/13/2004			35.9								127
MW-31(A)	MW-31 (A)	7/20/2004			67.9								356
MW-32(A)	MW-32(A)	10/14/2003			0.5 U								1 U
MW-32(A)	MW-32 (A)	1/12/2004			0.5 U								1 U
MW-32(A)	MW-32 (A)	4/13/2004			0.5 U								1 U
MW-32(A)	MW-32 (A)	7/19/2004			0.5 U								1 U

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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	tert-Butylbenzene ug/L	Tetrachloroethene ug/L	Toluene ug/L	trans-1,2- Dichloroethene ug/L	trans-1,3- Dichloropropene ug/L	Trichloroethene ug/L	Trichlorofluoro methane ug/L	Vinyl acetate ug/L	Vinyl chloride ug/L	Xylene, Isomers m & p ug/L	Xylenes ug/L
MW-33(A)	MW-33(A)	10/14/2003			0.5 U								0.28 J
MW-33(A)	MW-33 (A)	1/12/2004			2.16								4.16
MW-33(A)	MW-33 (A)	4/13/2004			0.83 JB								2.13
MW-33(A)	MW-33 (A)	7/19/2004			0.62								0.65 J
MW-34(A)	MW-34(A)	10/14/2003			0.5 U								1 U
MW-34(A)	MW-34 (A)	1/13/2004			0.5 U								1 U
MW-34(A)	MW-34 (A)	4/14/2004			0.5 U								1 U
MW-34(A)	MW-34 (A)	7/20/2004			0.5 U								1 U
MW-35(A)	MW-35 (A)	10/16/2003			0.5 U								1 U
MW-35(A)	MW-35 (A)	1/16/2004			0.5 U								1 U
MW-35(A)	MW-35 (A)	4/13/2004			0.5 U								1 U
MW-35(A)	MW-35 (A)	7/20/2004			0.5 U								1 U
MW-36(A)	MW-36(A)	10/21/2003			0.5 U								0.28 J
MW-36(A)	MW-36 (A)	1/14/2004			0.5 U								1 U
MW-36(A)	MW-36 (A)	4/14/2004			0.5 U B								1 U
MW-36(A)	MW-36 (A)	7/22/2004			0.5 U								1 U
MW-37(A)	MW-37 (A)	10/17/2003			0.72 J								30.6
MW-38(A)	MW-38(A)	10/21/2003			0.5 U								1 U
MW-38(A)	MW-38 (A)	1/14/2004			0.5 U								1 U
MW-38(A)	MW-38 (A)	4/14/2004			0.5 U								1 U
MW-38(A)	MW-38 (A)	7/22/2004			0.5 U								1 U
MW-39(A)	MW-39 (A)	10/16/2003			0.5 U B								21.6
MW-39(A)	MW-39 (A)	1/16/2004			0.5 U B								28.8
MW-39(A)	MW-39 (A)	4/14/2004			0.6 JB								11.7
MW-39(A)	MW-39 (A)	7/21/2004			0.26 J								13.2
MW-39(A)	Trip Blank	7/21/2004			0.5 U								1 U
MW-39(A)	Trip Blank	7/22/2004			0.5 U								1 U

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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	tert-Butylbenzene ug/L	Tetrachloroethene ug/L	Toluene ug/L	trans-1,2- Dichloroethene ug/L	trans-1,3- Dichloropropene ug/L	Trichloroethene ug/L	Trichlorofluoro methane ug/L	Vinyl acetate ug/L	Vinyl chloride ug/L	Xylene, Isomers m & p ug/L	Xylenes ug/L
MW-40(A)	MW-40 (A)	10/17/2003			57.6								367
MW-40(A)	MW-40(A)	1/20/2004			833								6460
MW-40(A)	MW-40(A)	4/16/2004			1530								8150
MW-41(A)	MW-41(A)	10/14/2003			103								192
MW-42(A)	MW-42 (A)	10/15/2003			163								370
MW-43(A)	MW-43(A)	10/13/2003			0.5 U								1 U
MW-43(A)	MW-43 (A)	1/12/2004			0.5 U B								1 U
MW-43(A)	MW-43 (A)	4/13/2004			0.5 U								1 U
MW-43(A)	MW-43 (A)	7/21/2004			0.5 U								1 U
MW-44(A)	MW-44 (A)	10/17/2003			5320								14900
MW-45(A)	MW-45 (A)	10/16/2003			0.5 U								1 U
MW-45(A)	MW-45 (A)	1/16/2004			0.5 U								1 U
MW-45(A)	MW-45 (A)	4/14/2004			0.5 U								1 U
MW-45(A)	MW-45 (A)	7/21/2004			0.5 U								1 U
MW-46(A)	MW-46(A)	10/14/2003			0.5 U								1 U
MW-46(A)	MW-46(A)	1/14/2004			0.5 U								1 U
MW-46(A)	MW-46 (A)	4/12/2004			0.5 U								1 U
MW-46(A)	MW-46 (A)	7/21/2004			0.5 U								1 U
MW-47(A)	MW-47(A)	10/13/2003			0.5 U								1 U
MW-47(A)	MW-47 (A)	1/14/2004			0.5 U								1 U
MW-47(A)	MW-47 (A)	4/12/2004			0.5 U								1 U
MW-47(A)	MW-47 (A)	7/21/2004			0.5 U								1 U
MW-48(A)	MW-48(A)	10/14/2003			0.5 U								1 U
MW-48(A)	MW-48 (A)	1/14/2004			0.5 U								1 U
MW-48(A)	MW-48 (A)	4/12/2004			0.5 U								1 U
MW-48(A)	MW-48 (A)	7/21/2004			0.5 U								1 U

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

Locator ID	Sample ID	Sample Date	tert-Butylbenzene ug/L	Tetrachloroethene ug/L	Toluene ug/L	trans-1,2- Dichloroethene ug/L	trans-1,3- Dichloropropene ug/L	Trichloroethene ug/L	Trichlorofluoro methane ug/L	Vinyl acetate ug/L	Vinyl chloride ug/L	Xylene, Isomers m & p ug/L	Xylenes ug/L
R-1(M)	R-1(M)	10/22/2003			0.5 U B								1 U
TW-100(C)	SB100(C)W	8/22/2002	0.5 U	0.5 U	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.8 U	
TW-103(C)	SB103(C)W	8/22/2002	0.5 U	0.5 U	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.8 U	
TW-104(C)	SB104(C)W	8/22/2002	0.5 U	0.5 U	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.8 U	
TW-200(C)	SB200(C)W	8/22/2002	0.5 U	0.5 U	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.8 U	
TW-201(C)	SB201(C)W	8/22/2002	0.5 U	0.5 U	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.8 U	
TW-202(C)	SB202(C)W	8/22/2002	0.5 U	0.5 U	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.8 U	
TW-203(C)	SB203(C)W	8/22/2002	0.5 U	0.5 U	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.8 U	
TW-204(C)	SB204(C)W	8/22/2002	0.5 U	0.41 J	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.8 U	
TW-204(C)	SB204(C)W2	8/22/2002	0.5 U	0.41 J	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.8 U	
TW-304(D)	SB-304-D-9.0	8/19/2002			10.9								73.1
TW-304(D)	SB-304-D-9.0 D	8/19/2002			10.2								56.1
TW-305(D)	SB-305-D-9.0	8/19/2002			186								3870
TW-306(D)	SB-306-D-9.0	8/19/2002			83.3								106
TW-307(D)	SB-307-D-9.0	8/19/2002			76								135
TW-309(D)	SB-309-D-9.0	8/19/2002			2.09								5.13
TW-311(D)	SB-311-D-10.0	8/19/2002			1.6								3.17 U
TW-312(D)	SB-312-D-10.0	8/19/2002			0.5 U								1 U
TW-313(D)	TW-313-D-22.0	8/20/2002			40.6								316
TW-314(D)	TW-314-D-22.0	8/20/2002			9.8								81.3
TW-318(D)	TW-318-D-22.0	8/20/2002			0.5 U								2.03
TW-319(D)	SB-319-D-14.0	8/19/2002			0.5 U								0.724 U
TW-400(F)	TW-400(F)	8/22/2002			0.5 U								1 U
TW-401(F)	TW-401(F)	8/23/2002			0.5 U								1 U
TW-402(F)	TW-402(F)	8/23/2002			0.5 U								1 U
TW-405(F)	TW-405(F)	8/22/2002			0.86								62.7
TW-406(F)	TW-406(F)	8/22/2002			7.59								474
TW-407(F)	TW-407(F)	8/22/2002			1.63								17.3
TW-408(F)	TW-408(F)	8/22/2002			0.5 U								1.47
TW-409(F)	TW-409(F)	8/22/2002			0.5 U								1 U
TW-600(N)	TW-600(N)	9/13/2002			28								840
TW-601(N)	TW-601(N)	9/13/2002			1.1								107
TW-602(N)	BT-602(N)	9/13/2002			0.5 U								1.19
TW-602(N)	TW-602(N)	9/13/2002			0.5 U								1.39
TW-603(N)	TW-603(N)	9/13/2002			0.5 U								3.65
TW-608(N)	TW-608 (N)	9/13/2002			0.5 U								1 U
TW-612(N)	TW-612(N)	9/12/2002			102								250
TW-612(N)	TW-612(N)	9/12/2002			145								353

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VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	tert-Butylbenzene ug/L	Tetrachloroethene ug/L	Toluene ug/L	trans-1,2- Dichloroethene ug/L	trans-1,3- Dichloropropene ug/L	Trichloroethene ug/L	Trichlorofluoro methane ug/L	Vinyl acetate ug/L	Vinyl chloride ug/L	Xylene, Isomers m & p ug/L	Xylenes ug/L
TW-616(N)	TW-616(N)	9/12/2002			0.5 U								1 U
TW-616(N)	TW-616(N)	9/12/2002			0.5 U								1 U
TW-619(N)	TW-619(N)	9/12/2002			7.85								61.8
TW-619(N)	TW-619(N)	9/12/2002			11.7								81.3
TW-623(N)	TW-623(N)	9/12/2002			0.68								27.9
TW-623(N)	TW-623(N)	9/12/2002			3.3								40.1
TW-624(N)	TW-624(N)	9/12/2002	0.65	0.5 U	1.65	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	47.1	
TW-624(N)	TW-624(N)	9/12/2002											
TW-625(N)	BT-625(N)	9/12/2002			0.5 U								1 U
TW-625(N)	TW-625(N)	9/12/2002			0.5 U								1 U
TW-700(P)	TW-700(P)	8/21/2002	2.5 U	2.5 U	5.35	2.5 U	2.5 U	2.5 U	2.5 U	50 U	2.5 U	898	
TW-701(P)	TW-701(P)	8/20/2002	5 U	5 U	85.7	5 U	5 U	5 U	5 U	100 U	5 U	1350	
TW-702(P)	TW-702(P)	8/21/2002	0.5 U	0.5 U	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.8 U	
TW-703(P)	TW-703(P)	8/21/2002	1 U	1 U	30.9	1 U	1 U	1 U	1 U	20 U	1 U	229	
TW-704(P)	TW-704(P)	8/21/2002	0.5 U	0.5 U	1.07	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	5.98	
TW-706(P)	TW-706(P)	8/21/2002	2.5 U	2.5 U	19	2.5 U	2.5 U	2.5 U	2.5 U	50 U	2.5 U	540	
TW-707(P)	TW-707(P)	8/21/2002	0.5 U	0.5 U	0.41	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	1.14	
TW-708(P)	BT-708(P)	8/20/2002			43.6								69.9
TW-708(P)	TW-708(P)	8/20/2002			31.9								57.4
TW-709(P)	TW-709(P)	8/21/2002	0.5 U	0.5 U	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.8 U	
TW-710(P)	TW-710(P)	8/21/2002	0.5 U	0.5 U	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.8 U	
TW-711(P)	BT-711(P)	8/21/2002	0.5 U	0.5 U	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.8 U	
TW-711(P)	TW-711(P)	8/21/2002	0.5 U	0.5 U	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.8 U	
TW-712(P)	TW-712(P)	8/21/2002	0.5 U	0.5 U	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.8 U	
TW-714(P)	TW-714(P)	8/21/2002			33.6								1450
TW-716(P)	TW-716(P)	8/20/2002	0.5 U	0.5 U	0.4 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.8 U	
TW-717(P)	TW-717(P)	8/20/2002	0.5 U	0.5 U	0.38 J	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.8 U	
TW-718(P)	TW-718(P)	8/21/2002			0.5 U								1 U
TW-719(P)	BT-719(P)	8/23/2002			0.5 U								1 U
TW-719(P)	TW-719(P)	8/23/2002			0.5 U								1 U
TW-720(P)	TW-720(P)	8/23/2002			192								2650
TW-800(Q)	TW-800(Q)-10.5	8/27/2002			0.5 U								1 U
TW-801(Q)	TW801(Q)-10	8/26/2002			0.5 U								1 U
TW-803(Q)	TW-803(Q)-9	8/26/2002			0.5 U								1 U
TW-805(Q)	TW-805(Q)-10	8/26/2002			0.5 U								6.87
TW-806(Q)	TW-806 (Q)-11	8/28/2002			1.13								1 U
TW-810(Q)	TW-810 (Q)-8	8/28/2002			0.5 U								1 U

TABLE D-12

VOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	tert-Butylbenzene ug/L	Tetrachloroethene ug/L	Toluene ug/L	trans-1,2- Dichloroethene ug/L	trans-1,3- Dichloropropene ug/L	Trichloroethene ug/L	Trichlorofluoro methane ug/L	Vinyl acetate ug/L	Vinyl chloride ug/L	Xylene, Isomers m & p ug/L	Xylenes ug/L
TW-814(Q)	TW814(Q)9	8/27/2002			0.5 U								1 U
TW-816(Q)	TW-816(Q)-12	8/27/2002			0.5 U								1 U
TW-818(Q)	TW-818 (Q)-11	8/28/2002			0.5 U								1 U
TW-819(Q)	TW-819 (Q)-9.5	8/28/2002			0.581								7.93
TW-819(Q)	TW-819 (Q)-9.5	8/28/2002			3.17								6.49
TW-820(Q)	TW-820 (Q)-10	8/29/2002			1.05								11.6
TW-822(Q)	TW-822 (Q)-9	8/29/2002			2.89 J								336 J
TW-824(Q)	TW-824(Q)-9	8/28/2002			0.5 U								1 U
TW-825(Q)	TW-825(Q)-8.5	8/27/2002			0.5 U								1 U
TW-826(Q)	TW-826(Q)-9	8/27/2002			0.5 U								1 U
TW-826(Q)	TW-826 (Q)-8.5	8/29/2002			0.5 U								1 U
TW-828(Q)	TW-828 (Q)-8.5	8/29/2002			0.5 U								1 U
TW-833(Q)	TW-833 (Q)-10.	8/28/2002			0.5 U								1 U
TW-900(S)	SB-900(TW)	8/26/2002			0.701								1 U
TW-901(S)	SB-901(TW)	8/26/2002			1.03								64.1
TW-901(S)	SB-901(TW)	8/26/2002			2.5 U								55.6
TW-902(S)	SB-902(TW)	8/26/2002			0.907								137
TW-903(S)	SB-903(TW)	8/26/2002			4.32								146
TW-903(S)	SB-903(TW)	8/26/2002			4.51								146
TW-904(S)	SB-904(TW)	8/26/2002			0.5 U								1 U
TW-904(S)	SB-904(TW)	8/26/2002			0.5 U								0.63 J
TW-905(S)	SB-905(TW)	8/26/2002			0.81 J								193 J
TW-905(S)	SB-905(TW)	8/26/2002			2.5 U								406
TW-906(S)	SB-906(TW)	8/27/2002			0.25 J								8.89
TW-906(S)	SB-906(TW)	8/27/2002			0.5 U								12.8
TW-908(S)	SB-908(TW)	8/27/2002			0.5 U								1 U
TW-908(S)	SB-908(TW)	8/27/2002			0.5 U								1 U
TW-909(S)	SB-909(TW)	8/27/2002			0.5 U								1 U
TW-910(S)	SB-910(TW)	8/26/2002			0.5 U								1.43
TW-911(S)	SB-911(TW)	8/27/2002			1.1								5.65
TW-911(S)	SB-911(TW)	8/27/2002			0.43 J								2.22