

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	2,4,5- Trichlorophenol ug/L	2,4,6- Trichlorophenol ug/L	2,4-Dichlorophenol ug/L	2,4-Dimethylphenol ug/L	2,4-Dinitrophenol ug/L	2,4-Dinitrotoluene ug/L	2,6-Dichlorophenol 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)	10/22/2003							
MW-1(F)	MW-1 (F)	1/15/2004							
MW-1(F)	MW-1 (F)	1/15/2004							
MW-1(F)	MW-1(F)	4/15/2004							
MW-1(F)	MW-1(F)	4/15/2004							
MW-1(F)	MW-1 (F)	7/20/2004							
MW-1(F)	MW-1 (F)	7/20/2004							
MW-2(M)	MW-2(M)	6/19/2003							
MW-2(M)	MW-2(M)	6/19/2003							
MW-2(M)	MW-2 (M)	10/15/2003							
MW-2(M)	MW-2 (M)	10/15/2003							
MW-2(M)	MW-2 (M)	1/12/2004							
MW-2(M)	MW-2 (M)	1/12/2004							
MW-2(M)	MW-2(M)	4/14/2004							
MW-2(M)	MW-2(M)	4/14/2004							
MW-2(M)	MW-2 (M)	7/22/2004							
MW-2(M)	MW-2 (M)	7/22/2004							
MW-6(M)	MW-6(M)	6/19/2003							
MW-6(M)	MW-6(M)	6/19/2003							
MW-6(M)	MW-6(M)	10/22/2003							
MW-6(M)	MW-6(M)	10/22/2003							
MW-6(M)	MW-6 (M)	1/12/2004							
MW-6(M)	MW-6 (M)	1/12/2004							
MW-6(M)	MW-6 (M)	4/13/2004							
MW-6(M)	MW-6 (M)	4/13/2004							
MW-6(M)	MW-6 (M)	7/19/2004							
MW-6(M)	MW-6 (M)	7/19/2004							
MW-7(M)	BM-7(M)	6/19/2003							
MW-7(M)	BM-7(M)	6/19/2003							
MW-7(M)	MW-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)	10/13/2003							
MW-7(M)	MW-7 (M)	1/12/2004							
MW-7(M)	MW-7 (M)	1/12/2004							
MW-7(M)	MW-7 (M)	4/12/2004							
MW-7(M)	MW-7 (M)	4/12/2004							
MW-7(M)	MW-7 (M)	7/19/2004							
MW-7(M)	MW-7 (M)	7/19/2004							
MW-10(M)	MW-10(M)	6/19/2003							
MW-10(M)	MW-10(M)	6/19/2003							
MW-10(M)	MW-10 (M)	10/15/2003							
MW-10(M)	MW-10 (M)	10/15/2003							
MW-10(M)	MW-10 (M)	1/13/2004							
MW-10(M)	MW-10 (M)	1/13/2004							
MW-10(M)	MW-10 (M)	4/13/2004							
MW-10(M)	MW-10 (M)	4/13/2004							
MW-10(M)	MW-10 (M)	7/19/2004							
MW-10(M)	MW-10 (M)	7/19/2004							

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Astoria, Oregon

Locator ID	Sample ID	Sample Date	2,4,5- Trichlorophenol ug/L	2,4,6- Trichlorophenol ug/L	2,4-Dichlorophenol ug/L	2,4-Dimethylphenol ug/L	2,4-Dinitrophenol ug/L	2,4-Dinitrotoluene ug/L	2,6-Dichlorophenol ug/L
MW-11(M)	MW-11(M)	6/19/2003							
MW-11(M)	MW-11(M)	6/19/2003							
MW-11(M)	MW-11 (M)	10/15/2003							
MW-11(M)	MW-11 (M)	10/15/2003							
MW-11(M)	MW-11 (M)	1/13/2004							
MW-11(M)	MW-11 (M)	1/13/2004							
MW-11(M)	MW-11 (M)	4/13/2004							
MW-11(M)	MW-11 (M)	4/13/2004							
MW-11(M)	MW-11 (M)	7/21/2004							
MW-11(M)	MW-11 (M)	7/21/2004							
MW-12(A)	MW-12(A)	10/22/2003							
MW-12(A)	MW-12(A)	10/22/2003							
MW-12(A)	MW-12 (A)	1/15/2004							
MW-12(A)	MW-12 (A)	1/15/2004							
MW-12(A)	MW-12(A)	4/16/2004							
MW-12(A)	MW-12(A)	4/16/2004							
MW-12(A)	MW-12 (A)	7/22/2004							
MW-12(A)	MW-12 (A)	7/22/2004							
MW-13(A)	MW-13(A)	10/22/2003							
MW-13(A)	MW-13(A)	10/22/2003							
MW-13(A)	MW-13 (A)	1/15/2004							
MW-13(A)	MW-13 (A)	1/15/2004							
MW-13(A)	MW-13(A)	4/16/2004							
MW-13(A)	MW-13(A)	4/16/2004							
MW-13(A)	MW-13 (A)	7/22/2004							
MW-13(A)	MW-13 (A)	7/22/2004							
MW-14(A)	MW-14(A)	10/21/2003							
MW-14(A)	MW-14(A)	10/21/2003							
MW-14(A)	MW-14 (A)	1/15/2004							
MW-14(A)	MW-14 (A)	1/15/2004							
MW-14(A)	MW-14(A)	4/16/2004							
MW-14(A)	MW-14(A)	4/16/2004							
MW-14(A)	MW-14 (A)	7/23/2004							
MW-14(A)	MW-14 (A)	7/23/2004							
MW-15(A)	MW-15(A)	10/20/2003							
MW-15(A)	MW-15(A)	10/20/2003							
MW-16(A)	MW-16(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)	1/19/2004							
MW-16(A)	MW-16(A)	4/15/2004							
MW-16(A)	MW-16(A)	4/15/2004							
MW-16(A)	MW-16 (A)	7/22/2004							
MW-16(A)	MW-16 (A)	7/22/2004							

TABLE D-14

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Remedial Investigation/Feasibility Study  
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Astoria, Oregon

Locator ID	Sample ID	Sample Date	2,4,5- Trichlorophenol ug/L	2,4,6- Trichlorophenol ug/L	2,4-Dichlorophenol ug/L	2,4-Dimethylphenol ug/L	2,4-Dinitrophenol ug/L	2,4-Dinitrotoluene ug/L	2,6-Dichlorophenol ug/L
MW-17 (A)	BM-17 (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)	MW-17 (A)	10/17/2003							
MW-17(A)	BM-17(A)	1/19/2004							
MW-17(A)	BM-17(A)	1/19/2004							
MW-17(A)	MW-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)	4/15/2004							
MW-17(A)	MW-17 (A)	7/22/2004							
MW-17(A)	MW-17 (A)	7/22/2004							
MW-18(A)	MW-18(A)	10/21/2003							
MW-18(A)	MW-18(A)	10/21/2003							
MW-18(A)	MW-18(A)	1/19/2004							
MW-18(A)	MW-18(A)	1/19/2004							
MW-18(A)	MW-18(A)	4/15/2004							
MW-18(A)	MW-18(A)	4/15/2004							
MW-18(A)	MW-18 (A)	7/21/2004							
MW-18(A)	MW-18 (A)	7/21/2004							
MW-19(A)	BM-19(A)	10/20/2003							
MW-19(A)	BM-19(A)	10/20/2003							
MW-19(A)	MW-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)	1/13/2004							
MW-19(A)	MW-19(A)	4/15/2004							
MW-19(A)	MW-19(A)	4/15/2004							
MW-19(A)	BM-19 (A)	7/20/2004							
MW-19(A)	BM-19 (A)	7/20/2004							
MW-19(A)	MW-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)	10/20/2003							
MW-20(A)	MW-20 (A)	1/13/2004							
MW-20(A)	MW-20 (A)	1/13/2004							
MW-20(A)	MW-20(A)	4/15/2004							
MW-20(A)	MW-20(A)	4/15/2004							
MW-20(A)	MW-20 (A)	7/20/2004							
MW-20(A)	MW-20 (A)	7/20/2004							
MW-21(A)	MW-21(A)	10/20/2003							
MW-21(A)	MW-21(A)	10/20/2003							
MW-21(A)	BM-21 (A)	1/13/2004							
MW-21(A)	BM-21 (A)	1/13/2004							
MW-21(A)	MW-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)	4/16/2004							
MW-21(A)	MW-21 (A)	7/20/2004							
MW-21(A)	MW-21 (A)	7/20/2004							

TABLE D-14

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

Locator ID	Sample ID	Sample Date	2,4,5- Trichlorophenol ug/L	2,4,6- Trichlorophenol ug/L	2,4-Dichlorophenol ug/L	2,4-Dimethylphenol ug/L	2,4-Dinitrophenol ug/L	2,4-Dinitrotoluene ug/L	2,6-Dichlorophenol ug/L
MW-22(A)	MW-22 (A)	10/16/2003							
MW-22(A)	MW-22 (A)	10/16/2003							
MW-22(A)	MW-22(A)	1/19/2004							
MW-22(A)	MW-22(A)	1/19/2004							
MW-22(A)	MW-22(A)	4/15/2004							
MW-22(A)	MW-22(A)	4/15/2004							
MW-22(A)	MW-22 (A)	7/20/2004							
MW-22(A)	MW-22 (A)	7/20/2004							
MW-23(A)	MW-23(A)	10/20/2003							
MW-23(A)	MW-23(A)	10/20/2003							
MW-23(A)	MW-23 (A)	1/15/2004							
MW-23(A)	MW-23 (A)	1/15/2004							
MW-23(A)	BM-23(A)	4/15/2004							
MW-23(A)	BM-23(A)	4/15/2004							
MW-23(A)	MW-23(A)	4/15/2004							
MW-23(A)	MW-23(A)	4/15/2004							
MW-23(A)	MW-23 (A)	7/20/2004							
MW-23(A)	MW-23 (A)	7/20/2004							
MW-24(A)	MW-24(A)	10/21/2003							
MW-24(A)	MW-24(A)	10/21/2003							
MW-24(A)	MW-24 (A)	1/15/2004							
MW-24(A)	MW-24 (A)	1/15/2004							
MW-24(A)	MW-24(A)	4/14/2004							
MW-24(A)	MW-24(A)	4/14/2004							
MW-24(A)	MW-24 (A)	7/22/2004							
MW-24(A)	MW-24 (A)	7/22/2004							
MW-26(A)	MW-26 (A)	10/17/2003							
MW-26(A)	MW-26 (A)	10/17/2003							
MW-26(A)	MW-26 (A)	1/15/2004							
MW-26(A)	MW-26 (A)	1/15/2004							
MW-26(A)	MW-26(A)	4/14/2004							
MW-26(A)	MW-26(A)	4/14/2004							
MW-26(A)	MW-26 (A)	7/22/2004							
MW-26(A)	MW-26 (A)	7/22/2004							
MW-27(A)	MW-27(A)	10/21/2003							
MW-27(A)	MW-27(A)	10/21/2003							
MW-27(A)	MW-27 (A)	1/14/2004							
MW-27(A)	MW-27 (A)	1/14/2004							
MW-27(A)	MW-27 (A)	4/14/2004							
MW-27(A)	MW-27 (A)	4/14/2004							
MW-27(A)	MW-27 (A)	7/22/2004							
MW-27(A)	MW-27 (A)	7/22/2004							

TABLE D-14

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Astoria Area-Wide Petroleum Site  
Astoria, Oregon

Locator ID	Sample ID	Sample Date	2,4,5- Trichlorophenol ug/L	2,4,6- Trichlorophenol ug/L	2,4-Dichlorophenol ug/L	2,4-Dimethylphenol ug/L	2,4-Dinitrophenol ug/L	2,4-Dinitrotoluene ug/L	2,6-Dichlorophenol ug/L
MW-28(A)	MW-28 (A)	10/17/2003							
MW-28(A)	MW-28 (A)	10/17/2003							
MW-28(A)	MW-28(A)	1/19/2004							
MW-28(A)	MW-28(A)	1/19/2004							
MW-28(A)	MW-28(A)	4/14/2004							
MW-28(A)	MW-28(A)	4/14/2004							
MW-28(A)	MW-28 (A)	7/23/2004							
MW-28(A)	MW-28 (A)	7/23/2004							
MW-29(A)	MW-29(A)	10/21/2003							
MW-29(A)	MW-29(A)	10/21/2003							
MW-29(A)	MW-29(A)	1/19/2004							
MW-29(A)	MW-29(A)	1/19/2004							
MW-29(A)	MW-29(A)	4/16/2004							
MW-29(A)	MW-29(A)	4/16/2004							
MW-29(A)	MW-29 (A)	7/22/2004							
MW-29(A)	MW-29 (A)	7/22/2004							
MW-30(A)	MW-30 (A)	10/16/2003							
MW-30(A)	MW-30 (A)	10/16/2003							
MW-30(A)	MW-30 (A)	1/16/2004							
MW-30(A)	MW-30 (A)	1/16/2004							
MW-30(A)	MW-30 (A)	4/13/2004							
MW-30(A)	MW-30 (A)	4/13/2004							
MW-30(A)	MW-30 (A)	7/20/2004							
MW-30(A)	MW-30 (A)	7/20/2004							
MW-31(A)	BM-31 (A)	10/16/2003							
MW-31(A)	BM-31 (A)	10/16/2003							
MW-31(A)	MW-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)	MW-31 (A)	1/12/2004							
MW-31(A)	BM-31 (A)	4/13/2004							
MW-31(A)	BM-31 (A)	4/13/2004							
MW-31(A)	MW-31 (A)	4/13/2004							
MW-31(A)	MW-31 (A)	4/13/2004							
MW-31(A)	MW-31 (A)	7/20/2004							
MW-31(A)	MW-31 (A)	7/20/2004							
MW-32(A)	MW-32(A)	10/14/2003							
MW-32(A)	MW-32(A)	10/14/2003							
MW-32(A)	MW-32 (A)	1/12/2004							
MW-32(A)	MW-32 (A)	1/12/2004							
MW-32(A)	MW-32 (A)	4/13/2004							
MW-32(A)	MW-32 (A)	4/13/2004							
MW-32(A)	MW-32 (A)	7/19/2004							
MW-32(A)	MW-32 (A)	7/19/2004							

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Astoria, Oregon

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MW-33(A)	MW-33(A)	10/14/2003							
MW-33(A)	MW-33(A)	10/14/2003							
MW-33(A)	MW-33 (A)	1/12/2004							
MW-33(A)	MW-33 (A)	1/12/2004							
MW-33(A)	MW-33 (A)	4/13/2004							
MW-33(A)	MW-33 (A)	4/13/2004							
MW-33(A)	MW-33 (A)	7/19/2004							
MW-33(A)	MW-33 (A)	7/19/2004							
MW-34(A)	MW-34(A)	10/14/2003							
MW-34(A)	MW-34(A)	10/14/2003							
MW-34(A)	MW-34 (A)	1/13/2004							
MW-34(A)	MW-34 (A)	1/13/2004							
MW-34(A)	MW-34 (A)	4/14/2004							
MW-34(A)	MW-34 (A)	4/14/2004							
MW-34(A)	MW-34 (A)	7/20/2004							
MW-34(A)	MW-34 (A)	7/20/2004							
MW-35(A)	MW-35 (A)	10/16/2003							
MW-35(A)	MW-35 (A)	10/16/2003							
MW-35(A)	MW-35 (A)	1/16/2004							
MW-35(A)	MW-35 (A)	1/16/2004							
MW-35(A)	MW-35 (A)	4/13/2004							
MW-35(A)	MW-35 (A)	4/13/2004							
MW-35(A)	MW-35 (A)	7/20/2004							
MW-35(A)	MW-35 (A)	7/20/2004							
MW-36(A)	MW-36(A)	10/21/2003							
MW-36(A)	MW-36(A)	10/21/2003							
MW-36(A)	MW-36 (A)	1/14/2004							
MW-36(A)	MW-36 (A)	1/14/2004							
MW-36(A)	MW-36 (A)	4/14/2004							
MW-36(A)	MW-36 (A)	4/14/2004							
MW-36(A)	MW-36 (A)	7/22/2004							
MW-36(A)	MW-36 (A)	7/22/2004							
MW-36(A)	MW-36 (A)	7/22/2004							
MW-37(A)	MW-37 (A)	10/17/2003							
MW-37(A)	MW-37 (A)	10/17/2003							
MW-38(A)	MW-38(A)	10/21/2003							
MW-38(A)	MW-38(A)	10/21/2003							
MW-38(A)	MW-38 (A)	1/14/2004							
MW-38(A)	MW-38 (A)	1/14/2004							

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Astoria, Oregon

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MW-38(A)	MW-38 (A)	4/14/2004							
MW-38(A)	MW-38 (A)	4/14/2004							
MW-38(A)	MW-38 (A)	7/22/2004							
MW-38(A)	MW-38 (A)	7/22/2004							
MW-39(A)	MW-39 (A)	10/16/2003							
MW-39(A)	MW-39 (A)	10/16/2003							
MW-39(A)	MW-39 (A)	1/16/2004							
MW-39(A)	MW-39 (A)	1/16/2004							
MW-39(A)	MW-39 (A)	4/14/2004							
MW-39(A)	MW-39 (A)	4/14/2004							
MW-39(A)	MW-39 (A)	7/21/2004							
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							
MW-40(A)	MW-40 (A)	10/17/2003							
MW-40(A)	MW-40 (A)	10/17/2003							
MW-40(A)	MW-40(A)	1/20/2004							
MW-40(A)	MW-40(A)	1/20/2004							
MW-40(A)	MW-40(A)	4/16/2004							
MW-40(A)	MW-40(A)	4/16/2004							
MW-41(A)	MW-41(A)	10/14/2003							
MW-41(A)	MW-41(A)	10/14/2003							
MW-42(A)	MW-42 (A)	10/15/2003							
MW-42(A)	MW-42 (A)	10/15/2003							
MW-43(A)	MW-43(A)	10/13/2003							
MW-43(A)	MW-43(A)	10/13/2003							
MW-43(A)	MW-43 (A)	1/12/2004							
MW-43(A)	MW-43 (A)	1/12/2004							
MW-43(A)	MW-43 (A)	4/13/2004							
MW-43(A)	MW-43 (A)	4/13/2004							
MW-43(A)	MW-43 (A)	7/21/2004							
MW-43(A)	MW-43 (A)	7/21/2004							
MW-44(A)	MW-44 (A)	10/17/2003							
MW-44(A)	MW-44 (A)	10/17/2003							

TABLE D-14

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Astoria Area-Wide Petroleum Site  
Astoria, Oregon

Locator ID	Sample ID	Sample Date	2,4,5- Trichlorophenol ug/L	2,4,6- Trichlorophenol ug/L	2,4-Dichlorophenol ug/L	2,4-Dimethylphenol ug/L	2,4-Dinitrophenol ug/L	2,4-Dinitrotoluene ug/L	2,6-Dichlorophenol ug/L
MW-45(A)	MW-45 (A)	10/16/2003							
MW-45(A)	MW-45 (A)	10/16/2003							
MW-45(A)	MW-45 (A)	1/16/2004							
MW-45(A)	MW-45 (A)	1/16/2004							
MW-45(A)	MW-45 (A)	4/14/2004							
MW-45(A)	MW-45 (A)	4/14/2004							
MW-45(A)	MW-45 (A)	7/21/2004							
MW-45(A)	MW-45 (A)	7/21/2004							
MW-46(A)	MW-46(A)	10/14/2003							
MW-46(A)	MW-46(A)	10/14/2003							
MW-46(A)	MW-46(A)	1/14/2004							
MW-46(A)	MW-46(A)	1/14/2004							
MW-46(A)	MW-46 (A)	4/12/2004							
MW-46(A)	MW-46 (A)	4/12/2004							
MW-46(A)	MW-46 (A)	7/21/2004							
MW-46(A)	MW-46 (A)	7/21/2004							
MW-47(A)	MW-47(A)	10/13/2003							
MW-47(A)	MW-47(A)	10/13/2003							
MW-47(A)	MW-47 (A)	1/14/2004							
MW-47(A)	MW-47 (A)	1/14/2004							
MW-47(A)	MW-47 (A)	4/12/2004							
MW-47(A)	MW-47 (A)	4/12/2004							
MW-47(A)	MW-47 (A)	7/21/2004							
MW-47(A)	MW-47 (A)	7/21/2004							
MW-48(A)	MW-48(A)	10/14/2003							
MW-48(A)	MW-48(A)	10/14/2003							
MW-48(A)	MW-48 (A)	1/14/2004							
MW-48(A)	MW-48 (A)	1/14/2004							
MW-48(A)	MW-48 (A)	4/12/2004							
MW-48(A)	MW-48 (A)	4/12/2004							
MW-48(A)	MW-48 (A)	7/21/2004							
MW-48(A)	MW-48 (A)	7/21/2004							
R-1(M)	R-1(M)	10/22/2003							
R-1(M)	R-1(M)	10/22/2003							
TW-100(C)	SB100(C)W	8/22/2002							
TW-100(C)	SB100(C)W	8/22/2002							
TW-103(C)	SB103(C)W	8/22/2002							
TW-104(C)	SB104(C)W	8/22/2002							



TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	2,4,5- Trichlorophenol ug/L	2,4,6- Trichlorophenol ug/L	2,4-Dichlorophenol ug/L	2,4-Dimethylphenol ug/L	2,4-Dinitrophenol ug/L	2,4-Dinitrotoluene ug/L	2,6-Dichlorophenol ug/L
TW-200(C)	SB200(C)W	8/22/2002							
TW-200(C)	SB200(C)W	8/22/2002							
TW-201(C)	SB201(C)W	8/22/2002							
TW-201(C)	SB201(C)W	8/22/2002							
TW-202(C)	SB202(C)W	8/22/2002							
TW-202(C)	SB202(C)W	8/22/2002							
TW-203(C)	SB203(C)W	8/22/2002							
TW-203(C)	SB203(C)W	8/22/2002							
TW-204(C)	SB204(C)W	8/22/2002							
TW-204(C)	SB204(C)W	8/22/2002							
TW-204(C)	SB204(C)W2	8/22/2002							
TW-204(C)	SB204(C)W2	8/22/2002							
TW-304(D)	SB-304-D-9.0	8/19/2002							
TW-304(D)	SB-304-D-9.0 DUP	8/19/2002							
TW-305(D)	SB-305-D-9.0	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-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-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-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-600(N)	TW-600(N)	9/13/2002							
TW-600(N)	TW-600(N)	9/13/2002							
TW-601(N)	TW-601(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)	BT-602(N)	9/13/2002							
TW-602(N)	TW-602(N)	9/13/2002							
TW-602(N)	TW-602(N)	9/13/2002							

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	2,4,5- Trichlorophenol ug/L	2,4,6- Trichlorophenol ug/L	2,4-Dichlorophenol ug/L	2,4-Dimethylphenol ug/L	2,4-Dinitrophenol ug/L	2,4-Dinitrotoluene ug/L	2,6-Dichlorophenol ug/L
TW-603(N)	TW-603(N)	9/13/2002							
TW-603(N)	TW-603(N)	9/13/2002							
TW-608(N)	TW-608 (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							
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	5 U	5 U	5 U	10 U	25 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							
TW-700(P)	TW-700(P)	8/21/2002							
TW-701(P)	TW-701(P)	8/20/2002							
TW-702(P)	TW-702(P)	8/21/2002							
TW-702(P)	TW-702(P)	8/21/2002							
TW-703(P)	TW-703(P)	8/21/2002							
TW-704(P)	TW-704(P)	8/21/2002	25 U	25 U	25 U	25 U	62.5 U		25 U
TW-705(P)	TW-705(P)	8/20/2002	25 U	25 U	25 U	25 U	62.5 U		25 U
TW-706(P)	TW-706(P)	8/21/2002							
TW-707(P)	TW-707(P)	8/21/2002							
TW-708(P)	BT-708(P)	8/20/2002							
TW-708(P)	BT-708(P)	8/20/2002							
TW-708(P)	TW-708(P)	8/20/2002							
TW-708(P)	TW-708(P)	8/20/2002							
TW-709(P)	TW-709(P)	8/21/2002							
TW-710(P)	TW-710(P)	8/21/2002							
TW-710(P)	TW-710(P)	8/21/2002							
TW-711(P)	BT-711(P)	8/21/2002							
TW-711(P)	TW-711(P)	8/21/2002							

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	2,4,5- Trichlorophenol ug/L	2,4,6- Trichlorophenol ug/L	2,4-Dichlorophenol ug/L	2,4-Dimethylphenol ug/L	2,4-Dinitrophenol ug/L	2,4-Dinitrotoluene ug/L	2,6-Dichlorophenol ug/L
TW-712(P)	TW-712(P)	8/21/2002							
TW-712(P)	TW-712(P)	8/21/2002							
TW-714(P)	TW-714(P)	8/21/2002							
TW-714(P)	TW-714(P)	8/21/2002							
TW-716(P)	TW-716(P)	8/20/2002							
TW-716(P)	TW-716(P)	8/20/2002							
TW-717(P)	TW-717(P)	8/20/2002							
TW-717(P)	TW-717(P)	8/20/2002							
TW-718(P)	TW-718(P)	8/21/2002							
TW-718(P)	TW-718(P)	8/21/2002							
TW-719(P)	BT-719(P)	8/23/2002							
TW-719(P)	BT-719(P)	8/23/2002							
TW-719(P)	TW-719(P)	8/23/2002							
TW-719(P)	TW-719(P)	8/23/2002							
TW-720(P)	TW-720(P)	8/23/2002							
TW-720(P)	TW-720(P)	8/23/2002							
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-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-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	2,6-Dinitrotoluene ug/L	2-Chloronaphthalene ug/L	2-Chlorophenol ug/L	2-Methylnaphthalene ug/L	2-Methylphenol (o-Cresol) ug/L	2-Nitroaniline ug/L	2-Nitrophenol ug/L	3,3-Dichlorobenzidine ug/L	3-Nitroaniline ug/L	4-Chloro-3-methylphenol ug/L	4-Chloroaniline 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)	10/22/2003											
MW-1(F)	MW-1 (F)	1/15/2004											
MW-1(F)	MW-1 (F)	1/15/2004											
MW-1(F)	MW-1(F)	4/15/2004											
MW-1(F)	MW-1(F)	4/15/2004											
MW-1(F)	MW-1 (F)	7/20/2004											
MW-1(F)	MW-1 (F)	7/20/2004											
MW-2(M)	MW-2(M)	6/19/2003											
MW-2(M)	MW-2(M)	6/19/2003											
MW-2(M)	MW-2 (M)	10/15/2003											
MW-2(M)	MW-2 (M)	10/15/2003											
MW-2(M)	MW-2 (M)	1/12/2004											
MW-2(M)	MW-2 (M)	1/12/2004											
MW-2(M)	MW-2(M)	4/14/2004											
MW-2(M)	MW-2(M)	4/14/2004											
MW-2(M)	MW-2 (M)	7/22/2004											
MW-2(M)	MW-2 (M)	7/22/2004											
MW-6(M)	MW-6(M)	6/19/2003											
MW-6(M)	MW-6(M)	6/19/2003											
MW-6(M)	MW-6(M)	10/22/2003											
MW-6(M)	MW-6(M)	10/22/2003											
MW-6(M)	MW-6 (M)	1/12/2004											
MW-6(M)	MW-6 (M)	1/12/2004											
MW-6(M)	MW-6 (M)	4/13/2004											
MW-6(M)	MW-6 (M)	4/13/2004											
MW-6(M)	MW-6 (M)	7/19/2004											
MW-6(M)	MW-6 (M)	7/19/2004											
MW-7(M)	BM-7(M)	6/19/2003											
MW-7(M)	BM-7(M)	6/19/2003											
MW-7(M)	MW-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)	10/13/2003											
MW-7(M)	MW-7 (M)	1/12/2004											
MW-7(M)	MW-7 (M)	1/12/2004											
MW-7(M)	MW-7 (M)	4/12/2004											
MW-7(M)	MW-7 (M)	4/12/2004											
MW-7(M)	MW-7 (M)	7/19/2004											
MW-7(M)	MW-7 (M)	7/19/2004											
MW-10(M)	MW-10(M)	6/19/2003											
MW-10(M)	MW-10(M)	6/19/2003											
MW-10(M)	MW-10 (M)	10/15/2003											
MW-10(M)	MW-10 (M)	10/15/2003											
MW-10(M)	MW-10 (M)	1/13/2004											
MW-10(M)	MW-10 (M)	1/13/2004											
MW-10(M)	MW-10 (M)	4/13/2004											
MW-10(M)	MW-10 (M)	4/13/2004											
MW-10(M)	MW-10 (M)	7/19/2004											
MW-10(M)	MW-10 (M)	7/19/2004											

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	2,6-Dinitrotoluene ug/L	2-Chloronaphthalene ug/L	2-Chlorophenol ug/L	2-Methylnaphthalene ug/L	2-Methylphenol (o-Cresol) ug/L	2-Nitroaniline ug/L	2-Nitrophenol ug/L	3,3-Dichlorobenzidine ug/L	3-Nitroaniline ug/L	4-Chloro-3-methylphenol ug/L	4-Chloroaniline ug/L
MW-11(M)	MW-11(M)	6/19/2003											
MW-11(M)	MW-11(M)	6/19/2003											
MW-11(M)	MW-11 (M)	10/15/2003											
MW-11(M)	MW-11 (M)	10/15/2003											
MW-11(M)	MW-11 (M)	1/13/2004											
MW-11(M)	MW-11 (M)	1/13/2004											
MW-11(M)	MW-11 (M)	4/13/2004											
MW-11(M)	MW-11 (M)	4/13/2004											
MW-11(M)	MW-11 (M)	7/21/2004											
MW-11(M)	MW-11 (M)	7/21/2004											
MW-12(A)	MW-12(A)	10/22/2003											
MW-12(A)	MW-12(A)	10/22/2003											
MW-12(A)	MW-12 (A)	1/15/2004											
MW-12(A)	MW-12 (A)	1/15/2004											
MW-12(A)	MW-12(A)	4/16/2004											
MW-12(A)	MW-12(A)	4/16/2004											
MW-12(A)	MW-12 (A)	7/22/2004											
MW-12(A)	MW-12 (A)	7/22/2004											
MW-13(A)	MW-13(A)	10/22/2003											
MW-13(A)	MW-13(A)	10/22/2003											
MW-13(A)	MW-13 (A)	1/15/2004											
MW-13(A)	MW-13 (A)	1/15/2004											
MW-13(A)	MW-13(A)	4/16/2004											
MW-13(A)	MW-13(A)	4/16/2004											
MW-13(A)	MW-13 (A)	7/22/2004											
MW-13(A)	MW-13 (A)	7/22/2004											
MW-14(A)	MW-14(A)	10/21/2003											
MW-14(A)	MW-14(A)	10/21/2003											
MW-14(A)	MW-14 (A)	1/15/2004											
MW-14(A)	MW-14 (A)	1/15/2004											
MW-14(A)	MW-14(A)	4/16/2004											
MW-14(A)	MW-14(A)	4/16/2004											
MW-14(A)	MW-14 (A)	7/23/2004											
MW-14(A)	MW-14 (A)	7/23/2004											
MW-15(A)	MW-15(A)	10/20/2003											
MW-15(A)	MW-15(A)	10/20/2003											
MW-16(A)	MW-16(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)	1/19/2004											
MW-16(A)	MW-16(A)	4/15/2004											
MW-16(A)	MW-16(A)	4/15/2004											
MW-16(A)	MW-16 (A)	7/22/2004											
MW-16(A)	MW-16 (A)	7/22/2004											

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	2,6-Dinitrotoluene ug/L	2-Chloronaphthalene ug/L	2-Chlorophenol ug/L	2-Methylnaphthalene ug/L	2-Methylphenol (o-Cresol) ug/L	2-Nitroaniline ug/L	2-Nitrophenol ug/L	3,3-Dichlorobenzidine ug/L	3-Nitroaniline ug/L	4-Chloro-3-methylphenol ug/L	4-Chloroaniline ug/L
MW-17 (A)	BM-17 (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)	MW-17 (A)	10/17/2003											
MW-17(A)	BM-17(A)	1/19/2004											
MW-17(A)	BM-17(A)	1/19/2004											
MW-17(A)	MW-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)	4/15/2004											
MW-17(A)	MW-17 (A)	7/22/2004											
MW-17(A)	MW-17 (A)	7/22/2004											
MW-18(A)	MW-18(A)	10/21/2003											
MW-18(A)	MW-18(A)	10/21/2003											
MW-18(A)	MW-18(A)	1/19/2004											
MW-18(A)	MW-18(A)	1/19/2004											
MW-18(A)	MW-18(A)	4/15/2004											
MW-18(A)	MW-18(A)	4/15/2004											
MW-18(A)	MW-18 (A)	7/21/2004											
MW-18(A)	MW-18 (A)	7/21/2004											
MW-19(A)	BM-19(A)	10/20/2003											
MW-19(A)	BM-19(A)	10/20/2003											
MW-19(A)	MW-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)	1/13/2004											
MW-19(A)	MW-19(A)	4/15/2004											
MW-19(A)	MW-19(A)	4/15/2004											
MW-19(A)	BM-19 (A)	7/20/2004											
MW-19(A)	BM-19 (A)	7/20/2004											
MW-19(A)	MW-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)	10/20/2003											
MW-20(A)	MW-20 (A)	1/13/2004											
MW-20(A)	MW-20 (A)	1/13/2004											
MW-20(A)	MW-20(A)	4/15/2004											
MW-20(A)	MW-20(A)	4/15/2004											
MW-20(A)	MW-20 (A)	7/20/2004											
MW-20(A)	MW-20 (A)	7/20/2004											
MW-21(A)	MW-21(A)	10/20/2003											
MW-21(A)	MW-21(A)	10/20/2003											
MW-21(A)	BM-21 (A)	1/13/2004											
MW-21(A)	BM-21 (A)	1/13/2004											
MW-21(A)	MW-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)	4/16/2004											
MW-21(A)	MW-21 (A)	7/20/2004											
MW-21(A)	MW-21 (A)	7/20/2004											

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	2,6-Dinitrotoluene ug/L	2-Chloronaphthalene ug/L	2-Chlorophenol ug/L	2-Methylnaphthalene ug/L	2-Methylphenol (o-Cresol) ug/L	2-Nitroaniline ug/L	2-Nitrophenol ug/L	3,3-Dichlorobenzidine ug/L	3-Nitroaniline ug/L	4-Chloro-3-methylphenol ug/L	4-Chloroaniline ug/L
MW-22(A)	MW-22 (A)	10/16/2003											
MW-22(A)	MW-22 (A)	10/16/2003											
MW-22(A)	MW-22(A)	1/19/2004											
MW-22(A)	MW-22(A)	1/19/2004											
MW-22(A)	MW-22(A)	4/15/2004											
MW-22(A)	MW-22(A)	4/15/2004											
MW-22(A)	MW-22 (A)	7/20/2004											
MW-22(A)	MW-22 (A)	7/20/2004											
MW-23(A)	MW-23(A)	10/20/2003											
MW-23(A)	MW-23(A)	10/20/2003											
MW-23(A)	MW-23 (A)	1/15/2004											
MW-23(A)	MW-23 (A)	1/15/2004											
MW-23(A)	BM-23(A)	4/15/2004											
MW-23(A)	BM-23(A)	4/15/2004											
MW-23(A)	MW-23(A)	4/15/2004											
MW-23(A)	MW-23(A)	4/15/2004											
MW-23(A)	MW-23 (A)	7/20/2004											
MW-23(A)	MW-23 (A)	7/20/2004											
MW-24(A)	MW-24(A)	10/21/2003											
MW-24(A)	MW-24(A)	10/21/2003											
MW-24(A)	MW-24 (A)	1/15/2004											
MW-24(A)	MW-24 (A)	1/15/2004											
MW-24(A)	MW-24(A)	4/14/2004											
MW-24(A)	MW-24(A)	4/14/2004											
MW-24(A)	MW-24 (A)	7/22/2004											
MW-24(A)	MW-24 (A)	7/22/2004											
MW-26(A)	MW-26 (A)	10/17/2003											
MW-26(A)	MW-26 (A)	10/17/2003											
MW-26(A)	MW-26 (A)	1/15/2004											
MW-26(A)	MW-26 (A)	1/15/2004											
MW-26(A)	MW-26(A)	4/14/2004											
MW-26(A)	MW-26(A)	4/14/2004											
MW-26(A)	MW-26 (A)	7/22/2004											
MW-26(A)	MW-26 (A)	7/22/2004											
MW-27(A)	MW-27(A)	10/21/2003											
MW-27(A)	MW-27(A)	10/21/2003											
MW-27(A)	MW-27 (A)	1/14/2004											
MW-27(A)	MW-27 (A)	1/14/2004											
MW-27(A)	MW-27 (A)	4/14/2004											
MW-27(A)	MW-27 (A)	4/14/2004											
MW-27(A)	MW-27 (A)	7/22/2004											
MW-27(A)	MW-27 (A)	7/22/2004											

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	2,6-Dinitrotoluene ug/L	2-Chloronaphthalene ug/L	2-Chlorophenol ug/L	2-Methylnaphthalene ug/L	2-Methylphenol (o-Cresol) ug/L	2-Nitroaniline ug/L	2-Nitrophenol ug/L	3,3-Dichlorobenzidine ug/L	3-Nitroaniline ug/L	4-Chloro-3-methylphenol ug/L	4-Chloroaniline ug/L
MW-28(A)	MW-28 (A)	10/17/2003											
MW-28(A)	MW-28 (A)	10/17/2003											
MW-28(A)	MW-28(A)	1/19/2004											
MW-28(A)	MW-28(A)	1/19/2004											
MW-28(A)	MW-28(A)	4/14/2004											
MW-28(A)	MW-28(A)	4/14/2004											
MW-28(A)	MW-28 (A)	7/23/2004											
MW-28(A)	MW-28 (A)	7/23/2004											
MW-29(A)	MW-29(A)	10/21/2003											
MW-29(A)	MW-29(A)	10/21/2003											
MW-29(A)	MW-29(A)	1/19/2004											
MW-29(A)	MW-29(A)	1/19/2004											
MW-29(A)	MW-29(A)	4/16/2004											
MW-29(A)	MW-29(A)	4/16/2004											
MW-29(A)	MW-29 (A)	7/22/2004											
MW-29(A)	MW-29 (A)	7/22/2004											
MW-30(A)	MW-30 (A)	10/16/2003											
MW-30(A)	MW-30 (A)	10/16/2003											
MW-30(A)	MW-30 (A)	1/16/2004											
MW-30(A)	MW-30 (A)	1/16/2004											
MW-30(A)	MW-30 (A)	4/13/2004											
MW-30(A)	MW-30 (A)	4/13/2004											
MW-30(A)	MW-30 (A)	7/20/2004											
MW-30(A)	MW-30 (A)	7/20/2004											
MW-31(A)	BM-31 (A)	10/16/2003											
MW-31(A)	BM-31 (A)	10/16/2003											
MW-31(A)	MW-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)	MW-31 (A)	1/12/2004											
MW-31(A)	BM-31 (A)	4/13/2004											
MW-31(A)	BM-31 (A)	4/13/2004											
MW-31(A)	MW-31 (A)	4/13/2004											
MW-31(A)	MW-31 (A)	4/13/2004											
MW-31(A)	MW-31 (A)	7/20/2004											
MW-31(A)	MW-31 (A)	7/20/2004											
MW-32(A)	MW-32(A)	10/14/2003											
MW-32(A)	MW-32(A)	10/14/2003											
MW-32(A)	MW-32 (A)	1/12/2004											
MW-32(A)	MW-32 (A)	1/12/2004											
MW-32(A)	MW-32 (A)	4/13/2004											
MW-32(A)	MW-32 (A)	4/13/2004											
MW-32(A)	MW-32 (A)	7/19/2004											
MW-32(A)	MW-32 (A)	7/19/2004											



TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	2,6-Dinitrotoluene ug/L	2-Chloronaphthalene ug/L	2-Chlorophenol ug/L	2-Methylnaphthalene ug/L	2-Methylphenol (o-Cresol) ug/L	2-Nitroaniline ug/L	2-Nitrophenol ug/L	3,3-Dichlorobenzidine ug/L	3-Nitroaniline ug/L	4-Chloro-3-methylphenol ug/L	4-Chloroaniline ug/L
MW-33(A)	MW-33(A)	10/14/2003											
MW-33(A)	MW-33(A)	10/14/2003											
MW-33(A)	MW-33 (A)	1/12/2004											
MW-33(A)	MW-33 (A)	1/12/2004											
MW-33(A)	MW-33 (A)	4/13/2004											
MW-33(A)	MW-33 (A)	4/13/2004											
MW-33(A)	MW-33 (A)	7/19/2004											
MW-33(A)	MW-33 (A)	7/19/2004											
MW-34(A)	MW-34(A)	10/14/2003											
MW-34(A)	MW-34(A)	10/14/2003											
MW-34(A)	MW-34 (A)	1/13/2004											
MW-34(A)	MW-34 (A)	1/13/2004											
MW-34(A)	MW-34 (A)	4/14/2004											
MW-34(A)	MW-34 (A)	4/14/2004											
MW-34(A)	MW-34 (A)	7/20/2004											
MW-34(A)	MW-34 (A)	7/20/2004											
MW-35(A)	MW-35 (A)	10/16/2003											
MW-35(A)	MW-35 (A)	10/16/2003											
MW-35(A)	MW-35 (A)	1/16/2004											
MW-35(A)	MW-35 (A)	1/16/2004											
MW-35(A)	MW-35 (A)	4/13/2004											
MW-35(A)	MW-35 (A)	4/13/2004											
MW-35(A)	MW-35 (A)	7/20/2004											
MW-35(A)	MW-35 (A)	7/20/2004											
MW-36(A)	MW-36(A)	10/21/2003											
MW-36(A)	MW-36(A)	10/21/2003											
MW-36(A)	MW-36 (A)	1/14/2004											
MW-36(A)	MW-36 (A)	1/14/2004											
MW-36(A)	MW-36 (A)	4/14/2004											
MW-36(A)	MW-36 (A)	4/14/2004											
MW-36(A)	MW-36 (A)	7/22/2004											
MW-36(A)	MW-36 (A)	7/22/2004											
MW-36(A)	MW-36 (A)	7/22/2004											
MW-37(A)	MW-37 (A)	10/17/2003											
MW-37(A)	MW-37 (A)	10/17/2003											
MW-38(A)	MW-38(A)	10/21/2003											
MW-38(A)	MW-38(A)	10/21/2003											
MW-38(A)	MW-38 (A)	1/14/2004											
MW-38(A)	MW-38 (A)	1/14/2004											

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	2,6-Dinitrotoluene ug/L	2-Chloronaphthalene ug/L	2-Chlorophenol ug/L	2-Methylnaphthalene ug/L	2-Methylphenol (o-Cresol) ug/L	2-Nitroaniline ug/L	2-Nitrophenol ug/L	3,3-Dichlorobenzidine ug/L	3-Nitroaniline ug/L	4-Chloro-3-methylphenol ug/L	4-Chloroaniline ug/L
MW-38(A)	MW-38 (A)	4/14/2004											
MW-38(A)	MW-38 (A)	4/14/2004											
MW-38(A)	MW-38 (A)	7/22/2004											
MW-38(A)	MW-38 (A)	7/22/2004											
MW-39(A)	MW-39 (A)	10/16/2003											
MW-39(A)	MW-39 (A)	10/16/2003											
MW-39(A)	MW-39 (A)	1/16/2004											
MW-39(A)	MW-39 (A)	1/16/2004											
MW-39(A)	MW-39 (A)	4/14/2004											
MW-39(A)	MW-39 (A)	4/14/2004											
MW-39(A)	MW-39 (A)	7/21/2004											
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											
MW-40(A)	MW-40 (A)	10/17/2003											
MW-40(A)	MW-40 (A)	10/17/2003											
MW-40(A)	MW-40(A)	1/20/2004											
MW-40(A)	MW-40(A)	1/20/2004											
MW-40(A)	MW-40(A)	4/16/2004											
MW-40(A)	MW-40(A)	4/16/2004											
MW-41(A)	MW-41(A)	10/14/2003											
MW-41(A)	MW-41(A)	10/14/2003											
MW-42(A)	MW-42 (A)	10/15/2003											
MW-42(A)	MW-42 (A)	10/15/2003											
MW-43(A)	MW-43(A)	10/13/2003											
MW-43(A)	MW-43(A)	10/13/2003											
MW-43(A)	MW-43 (A)	1/12/2004											
MW-43(A)	MW-43 (A)	1/12/2004											
MW-43(A)	MW-43 (A)	4/13/2004											
MW-43(A)	MW-43 (A)	4/13/2004											
MW-43(A)	MW-43 (A)	7/21/2004											
MW-43(A)	MW-43 (A)	7/21/2004											
MW-44(A)	MW-44 (A)	10/17/2003											
MW-44(A)	MW-44 (A)	10/17/2003											

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	2,6-Dinitrotoluene ug/L	2-Chloronaphthalene ug/L	2-Chlorophenol ug/L	2-Methylnaphthalene ug/L	2-Methylphenol (o-Cresol) ug/L	2-Nitroaniline ug/L	2-Nitrophenol ug/L	3,3-Dichlorobenzidine ug/L	3-Nitroaniline ug/L	4-Chloro-3-methylphenol ug/L	4-Chloroaniline ug/L
MW-45(A)	MW-45 (A)	10/16/2003											
MW-45(A)	MW-45 (A)	10/16/2003											
MW-45(A)	MW-45 (A)	1/16/2004											
MW-45(A)	MW-45 (A)	1/16/2004											
MW-45(A)	MW-45 (A)	4/14/2004											
MW-45(A)	MW-45 (A)	4/14/2004											
MW-45(A)	MW-45 (A)	7/21/2004											
MW-45(A)	MW-45 (A)	7/21/2004											
MW-46(A)	MW-46(A)	10/14/2003											
MW-46(A)	MW-46(A)	10/14/2003											
MW-46(A)	MW-46(A)	1/14/2004											
MW-46(A)	MW-46(A)	1/14/2004											
MW-46(A)	MW-46 (A)	4/12/2004											
MW-46(A)	MW-46 (A)	4/12/2004											
MW-46(A)	MW-46 (A)	7/21/2004											
MW-46(A)	MW-46 (A)	7/21/2004											
MW-47(A)	MW-47(A)	10/13/2003											
MW-47(A)	MW-47(A)	10/13/2003											
MW-47(A)	MW-47 (A)	1/14/2004											
MW-47(A)	MW-47 (A)	1/14/2004											
MW-47(A)	MW-47 (A)	4/12/2004											
MW-47(A)	MW-47 (A)	4/12/2004											
MW-47(A)	MW-47 (A)	7/21/2004											
MW-47(A)	MW-47 (A)	7/21/2004											
MW-48(A)	MW-48(A)	10/14/2003											
MW-48(A)	MW-48(A)	10/14/2003											
MW-48(A)	MW-48 (A)	1/14/2004											
MW-48(A)	MW-48 (A)	1/14/2004											
MW-48(A)	MW-48 (A)	4/12/2004											
MW-48(A)	MW-48 (A)	4/12/2004											
MW-48(A)	MW-48 (A)	7/21/2004											
MW-48(A)	MW-48 (A)	7/21/2004											
R-1(M)	R-1(M)	10/22/2003											
R-1(M)	R-1(M)	10/22/2003											
TW-100(C)	SB100(C)W	8/22/2002											
TW-100(C)	SB100(C)W	8/22/2002											
TW-103(C)	SB103(C)W	8/22/2002											
TW-104(C)	SB104(C)W	8/22/2002											

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	2,6-Dinitrotoluene ug/L	2- Chloronaphthalene ug/L	2-Chlorophenol ug/L	2- Methylnaphthalene ug/L	2-Methylphenol (o- Cresol) ug/L	2-Nitroaniline ug/L	2-Nitrophenol ug/L	3,3- Dichlorobenzidine ug/L	3-Nitroaniline ug/L	4-Chloro-3- methylphenol ug/L	4-Chloroaniline ug/L
TW-200(C)	SB200(C)W	8/22/2002											
TW-200(C)	SB200(C)W	8/22/2002											
TW-201(C)	SB201(C)W	8/22/2002											
TW-201(C)	SB201(C)W	8/22/2002											
TW-202(C)	SB202(C)W	8/22/2002											
TW-202(C)	SB202(C)W	8/22/2002											
TW-203(C)	SB203(C)W	8/22/2002											
TW-203(C)	SB203(C)W	8/22/2002											
TW-204(C)	SB204(C)W	8/22/2002											
TW-204(C)	SB204(C)W	8/22/2002											
TW-204(C)	SB204(C)W2	8/22/2002											
TW-204(C)	SB204(C)W2	8/22/2002											
TW-304(D)	SB-304-D-9.0	8/19/2002											
TW-304(D)	SB-304-D-9.0 DUP	8/19/2002											
TW-305(D)	SB-305-D-9.0	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-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-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-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-600(N)	TW-600(N)	9/13/2002											
TW-600(N)	TW-600(N)	9/13/2002											
TW-601(N)	TW-601(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)	BT-602(N)	9/13/2002											
TW-602(N)	TW-602(N)	9/13/2002											
TW-602(N)	TW-602(N)	9/13/2002											

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	2,6-Dinitrotoluene ug/L	2- Chloronaphthalene ug/L	2-Chlorophenol ug/L	2- Methylnaphthalene ug/L	2-Methylphenol (o- Cresol) ug/L	2-Nitroaniline ug/L	2-Nitrophenol ug/L	3,3- Dichlorobenzidine ug/L	3-Nitroaniline ug/L	4-Chloro-3- methylphenol ug/L	4-Chloroaniline ug/L
TW-603(N)	TW-603(N)	9/13/2002											
TW-603(N)	TW-603(N)	9/13/2002											
TW-608(N)	TW-608 (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											
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	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	10 U	5 U	20 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											
TW-700(P)	TW-700(P)	8/21/2002											
TW-701(P)	TW-701(P)	8/20/2002											
TW-702(P)	TW-702(P)	8/21/2002											
TW-702(P)	TW-702(P)	8/21/2002											
TW-703(P)	TW-703(P)	8/21/2002											
TW-704(P)	TW-704(P)	8/21/2002			25 U				25 U			25 U	
TW-705(P)	TW-705(P)	8/20/2002			25 U				25 U			25 U	
TW-706(P)	TW-706(P)	8/21/2002											
TW-707(P)	TW-707(P)	8/21/2002											
TW-708(P)	BT-708(P)	8/20/2002											
TW-708(P)	BT-708(P)	8/20/2002											
TW-708(P)	TW-708(P)	8/20/2002											
TW-708(P)	TW-708(P)	8/20/2002											
TW-709(P)	TW-709(P)	8/21/2002											
TW-710(P)	TW-710(P)	8/21/2002											
TW-710(P)	TW-710(P)	8/21/2002											
TW-711(P)	BT-711(P)	8/21/2002											
TW-711(P)	TW-711(P)	8/21/2002											

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	2,6-Dinitrotoluene ug/L	2-Chloronaphthalene ug/L	2-Chlorophenol ug/L	2-Methylnaphthalene ug/L	2-Methylphenol (o-Cresol) ug/L	2-Nitroaniline ug/L	2-Nitrophenol ug/L	3,3-Dichlorobenzidine ug/L	3-Nitroaniline ug/L	4-Chloro-3-methylphenol ug/L	4-Chloroaniline ug/L
TW-712(P)	TW-712(P)	8/21/2002											
TW-712(P)	TW-712(P)	8/21/2002											
TW-714(P)	TW-714(P)	8/21/2002											
TW-714(P)	TW-714(P)	8/21/2002											
TW-716(P)	TW-716(P)	8/20/2002											
TW-716(P)	TW-716(P)	8/20/2002											
TW-717(P)	TW-717(P)	8/20/2002											
TW-717(P)	TW-717(P)	8/20/2002											
TW-718(P)	TW-718(P)	8/21/2002											
TW-718(P)	TW-718(P)	8/21/2002											
TW-719(P)	BT-719(P)	8/23/2002											
TW-719(P)	BT-719(P)	8/23/2002											
TW-719(P)	TW-719(P)	8/23/2002											
TW-719(P)	TW-719(P)	8/23/2002											
TW-720(P)	TW-720(P)	8/23/2002											
TW-720(P)	TW-720(P)	8/23/2002											
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-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-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	4-Nitroaniline ug/L	4-Nitrophenol ug/L	Acenaphthene ug/L	Acenaphthylene ug/L	Anthracene ug/L	Benzo(a)anthracene ug/L	Benzo(a)pyrene ug/L	Benzo(b)fluoranthene ug/L	Benzo(g,h,i)perylene ug/L	Benzo(k)fluoranthene ug/L	Benzoic acid ug/L
MW-1(F)	MW-1-082302	8/23/2002			0.0811	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-1(F)	MW-1-082302	8/23/2002											
MW-1(F)	MW-1(F)	10/22/2003			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-1(F)	MW-1(F)	10/22/2003											
MW-1(F)	MW-1 (F)	1/15/2004			0.186	0.0998	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-1(F)	MW-1 (F)	1/15/2004											
MW-1(F)	MW-1(F)	4/15/2004			0.112	0.0544	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-1(F)	MW-1(F)	4/15/2004											
MW-1(F)	MW-1 (F)	7/20/2004			0.102	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-1(F)	MW-1 (F)	7/20/2004											
MW-2(M)	MW-2(M)	6/19/2003			1.44	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
MW-2(M)	MW-2(M)	6/19/2003											
MW-2(M)	MW-2 (M)	10/15/2003			0.638	0.05 U	0.0568	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-2(M)	MW-2 (M)	10/15/2003											
MW-2(M)	MW-2 (M)	1/12/2004			0.54	0.15 U	0.1 U	0.02 U	0.02 U	0.02 U	0.1 U	0.02 U	
MW-2(M)	MW-2 (M)	1/12/2004											
MW-2(M)	MW-2(M)	4/14/2004			0.644	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.5 U	0.1 U	
MW-2(M)	MW-2(M)	4/14/2004											
MW-2(M)	MW-2 (M)	7/22/2004			1.41	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.5 U	0.1 U	
MW-2(M)	MW-2 (M)	7/22/2004											
MW-6(M)	MW-6(M)	6/19/2003			0.214	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
MW-6(M)	MW-6(M)	6/19/2003											
MW-6(M)	MW-6(M)	10/22/2003			0.146	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-6(M)	MW-6(M)	10/22/2003											
MW-6(M)	MW-6 (M)	1/12/2004			0.167	0.05 U	0.05 U	0.011	0.01 U	0.01 U	0.05 U	0.01 U	
MW-6(M)	MW-6 (M)	1/12/2004											
MW-6(M)	MW-6 (M)	4/13/2004			0.153	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-6(M)	MW-6 (M)	4/13/2004											
MW-6(M)	MW-6 (M)	7/19/2004			0.228	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-6(M)	MW-6 (M)	7/19/2004											
MW-7(M)	BM-7(M)	6/19/2003			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
MW-7(M)	BM-7(M)	6/19/2003											
MW-7(M)	MW-7(M)	6/19/2003			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
MW-7(M)	MW-7(M)	6/19/2003											
MW-7(M)	MW-7(M)	10/13/2003			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-7(M)	MW-7(M)	10/13/2003											
MW-7(M)	MW-7 (M)	1/12/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-7(M)	MW-7 (M)	1/12/2004											
MW-7(M)	MW-7 (M)	4/12/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-7(M)	MW-7 (M)	4/12/2004											
MW-7(M)	MW-7 (M)	7/19/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-7(M)	MW-7 (M)	7/19/2004											
MW-10(M)	MW-10(M)	6/19/2003			2 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
MW-10(M)	MW-10(M)	6/19/2003											
MW-10(M)	MW-10 (M)	10/15/2003			0.28	0.05 U	0.05 U	0.0475	0.069	0.0625	0.05 U	0.0548	
MW-10(M)	MW-10 (M)	10/15/2003											
MW-10(M)	MW-10 (M)	1/13/2004			1 U	1 U	0.05 U	0.0114	0.0105	0.0124	0.05 U	0.01 U	
MW-10(M)	MW-10 (M)	1/13/2004											
MW-10(M)	MW-10 (M)	4/13/2004			0.375	0.1 U	0.1 U	0.02 U	0.02 U	0.02 U	0.1 U	0.02 U	
MW-10(M)	MW-10 (M)	4/13/2004											
MW-10(M)	MW-10 (M)	7/19/2004			0.365	0.05 U	0.05 U	0.0147	0.0111	0.0118	0.05 U	0.0106	
MW-10(M)	MW-10 (M)	7/19/2004											

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	4-Nitroaniline ug/L	4-Nitrophenol ug/L	Acenaphthene ug/L	Acenaphthylene ug/L	Anthracene ug/L	Benzo(a)anthracene ug/L	Benzo(a)pyrene ug/L	Benzo(b)fluoranthene ug/L	Benzo(g,h,i)perylene ug/L	Benzo(k)fluoranthene ug/L	Benzoic acid ug/L
MW-11(M)	MW-11(M)	6/19/2003			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
MW-11(M)	MW-11(M)	6/19/2003											
MW-11(M)	MW-11 (M)	10/15/2003			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-11(M)	MW-11 (M)	10/15/2003											
MW-11(M)	MW-11 (M)	1/13/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-11(M)	MW-11 (M)	1/13/2004											
MW-11(M)	MW-11 (M)	4/13/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-11(M)	MW-11 (M)	4/13/2004											
MW-11(M)	MW-11 (M)	7/21/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.015 U	
MW-11(M)	MW-11 (M)	7/21/2004											
MW-12(A)	MW-12(A)	10/22/2003			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-12(A)	MW-12(A)	10/22/2003											
MW-12(A)	MW-12 (A)	1/15/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-12(A)	MW-12 (A)	1/15/2004											
MW-12(A)	MW-12(A)	4/16/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-12(A)	MW-12(A)	4/16/2004											
MW-12(A)	MW-12 (A)	7/22/2004			0.05 U	0.05 U	0.05 U	0.0139	0.01 U	0.0102	0.05 U	0.015	
MW-12(A)	MW-12 (A)	7/22/2004											
MW-13(A)	MW-13(A)	10/22/2003			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-13(A)	MW-13(A)	10/22/2003											
MW-13(A)	MW-13 (A)	1/15/2004			0.1 U	0.1 U	0.1 U	0.02 U	0.02 U	0.02 U	0.1 U	0.02 U	
MW-13(A)	MW-13 (A)	1/15/2004											
MW-13(A)	MW-13(A)	4/16/2004			0.1 U	0.1 U	0.1 U	0.02 U	0.02 U	0.02 U	0.1 U	0.02 U	
MW-13(A)	MW-13(A)	4/16/2004											
MW-13(A)	MW-13 (A)	7/22/2004			0.5 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.5 U	0.1 U	
MW-13(A)	MW-13 (A)	7/22/2004											
MW-14(A)	MW-14(A)	10/21/2003			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-14(A)	MW-14(A)	10/21/2003											
MW-14(A)	MW-14 (A)	1/15/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-14(A)	MW-14 (A)	1/15/2004											
MW-14(A)	MW-14(A)	4/16/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-14(A)	MW-14(A)	4/16/2004											
MW-14(A)	MW-14 (A)	7/23/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-14(A)	MW-14 (A)	7/23/2004											
MW-15(A)	MW-15(A)	10/20/2003			0.0916	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-15(A)	MW-15(A)	10/20/2003											
MW-16(A)	MW-16(A)	10/20/2003			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-16(A)	MW-16(A)	10/20/2003											
MW-16(A)	MW-16(A)	1/19/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-16(A)	MW-16(A)	1/19/2004											
MW-16(A)	MW-16(A)	4/15/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-16(A)	MW-16(A)	4/15/2004											
MW-16(A)	MW-16 (A)	7/22/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-16(A)	MW-16 (A)	7/22/2004											



TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	4-Nitroaniline ug/L	4-Nitrophenol ug/L	Acenaphthene ug/L	Acenaphthylene ug/L	Anthracene ug/L	Benzo(a)anthracene ug/L	Benzo(a)pyrene ug/L	Benzo(b)fluoranthene ug/L	Benzo(g,h,i)perylene ug/L	Benzo(k)fluoranthene ug/L	Benzoic acid ug/L
MW-17 (A)	BM-17 (A)	7/22/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-17 (A)	BM-17 (A)	7/22/2004											
MW-17(A)	MW-17 (A)	10/17/2003			0.0612	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-17(A)	MW-17 (A)	10/17/2003											
MW-17(A)	BM-17(A)	1/19/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-17(A)	BM-17(A)	1/19/2004											
MW-17(A)	MW-17(A)	1/19/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-17(A)	MW-17(A)	1/19/2004											
MW-17(A)	MW-17(A)	4/15/2004			0.0532	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-17(A)	MW-17(A)	4/15/2004											
MW-17(A)	MW-17 (A)	7/22/2004			0.0864	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-17(A)	MW-17 (A)	7/22/2004											
MW-18(A)	MW-18(A)	10/21/2003			0.517	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-18(A)	MW-18(A)	10/21/2003											
MW-18(A)	MW-18(A)	1/19/2004			0.632	0.1 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-18(A)	MW-18(A)	1/19/2004											
MW-18(A)	MW-18(A)	4/15/2004			0.312	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-18(A)	MW-18(A)	4/15/2004											
MW-18(A)	MW-18 (A)	7/21/2004			0.428	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.02 U	
MW-18(A)	MW-18 (A)	7/21/2004											
MW-19(A)	BM-19(A)	10/20/2003			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-19(A)	BM-19(A)	10/20/2003											
MW-19(A)	MW-19(A)	10/20/2003			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-19(A)	MW-19(A)	10/20/2003											
MW-19(A)	MW-19 (A)	1/13/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-19(A)	MW-19 (A)	1/13/2004											
MW-19(A)	MW-19(A)	4/15/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-19(A)	MW-19(A)	4/15/2004											
MW-19(A)	BM-19 (A)	7/20/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-19(A)	BM-19 (A)	7/20/2004											
MW-19(A)	MW-19 (A)	7/20/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-19(A)	MW-19 (A)	7/20/2004											
MW-20(A)	MW-20(A)	10/20/2003			0.318	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-20(A)	MW-20(A)	10/20/2003											
MW-20(A)	MW-20 (A)	1/13/2004			0.345	0.075 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-20(A)	MW-20 (A)	1/13/2004											
MW-20(A)	MW-20(A)	4/15/2004			0.184	0.1 U	0.1 U	0.02 U	0.02 U	0.02 U	0.1 U	0.02 U	
MW-20(A)	MW-20(A)	4/15/2004											
MW-20(A)	MW-20 (A)	7/20/2004			0.306	0.1 U	0.1 U	0.02 U	0.02 U	0.02 U	0.1 U	0.02 U	
MW-20(A)	MW-20 (A)	7/20/2004											
MW-21(A)	MW-21(A)	10/20/2003			0.224	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-21(A)	MW-21(A)	10/20/2003											
MW-21(A)	BM-21 (A)	1/13/2004			0.253	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-21(A)	BM-21 (A)	1/13/2004											
MW-21(A)	MW-21 (A)	1/13/2004			0.185	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-21(A)	MW-21 (A)	1/13/2004											
MW-21(A)	MW-21(A)	4/16/2004			0.5 U	0.5 U	0.5 U	0.02 U	0.02 U	0.02 U	0.1 U	0.02 U	
MW-21(A)	MW-21(A)	4/16/2004											
MW-21(A)	MW-21 (A)	7/20/2004			0.318	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-21(A)	MW-21 (A)	7/20/2004											

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	4-Nitroaniline ug/L	4-Nitrophenol ug/L	Acenaphthene ug/L	Acenaphthylene ug/L	Anthracene ug/L	Benzo(a)anthracene ug/L	Benzo(a)pyrene ug/L	Benzo(b)fluoranthene ug/L	Benzo(g,h,i)perylene ug/L	Benzo(k)fluoranthene ug/L	Benzoic acid ug/L
MW-22(A)	MW-22 (A)	10/16/2003			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-22(A)	MW-22 (A)	10/16/2003											
MW-22(A)	MW-22(A)	1/19/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-22(A)	MW-22(A)	1/19/2004											
MW-22(A)	MW-22(A)	4/15/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-22(A)	MW-22(A)	4/15/2004											
MW-22(A)	MW-22 (A)	7/20/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-22(A)	MW-22 (A)	7/20/2004											
MW-23(A)	MW-23(A)	10/20/2003			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-23(A)	MW-23(A)	10/20/2003											
MW-23(A)	MW-23 (A)	1/15/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-23(A)	MW-23 (A)	1/15/2004											
MW-23(A)	BM-23(A)	4/15/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-23(A)	BM-23(A)	4/15/2004											
MW-23(A)	MW-23(A)	4/15/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-23(A)	MW-23(A)	4/15/2004											
MW-23(A)	MW-23 (A)	7/20/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-23(A)	MW-23 (A)	7/20/2004											
MW-24(A)	MW-24(A)	10/21/2003			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-24(A)	MW-24(A)	10/21/2003											
MW-24(A)	MW-24 (A)	1/15/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-24(A)	MW-24 (A)	1/15/2004											
MW-24(A)	MW-24(A)	4/14/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-24(A)	MW-24(A)	4/14/2004											
MW-24(A)	MW-24 (A)	7/22/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.015 U	
MW-24(A)	MW-24 (A)	7/22/2004											
MW-26(A)	MW-26 (A)	10/17/2003			5 U	5 U	5 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-26(A)	MW-26 (A)	10/17/2003											
MW-26(A)	MW-26 (A)	1/15/2004			0.0687	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-26(A)	MW-26 (A)	1/15/2004											
MW-26(A)	MW-26(A)	4/14/2004			0.0548	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-26(A)	MW-26(A)	4/14/2004											
MW-26(A)	MW-26 (A)	7/22/2004			2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	
MW-26(A)	MW-26 (A)	7/22/2004											
MW-27(A)	MW-27(A)	10/21/2003			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-27(A)	MW-27(A)	10/21/2003											
MW-27(A)	MW-27 (A)	1/14/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-27(A)	MW-27 (A)	1/14/2004											
MW-27(A)	MW-27 (A)	4/14/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-27(A)	MW-27 (A)	4/14/2004											
MW-27(A)	MW-27 (A)	7/22/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-27(A)	MW-27 (A)	7/22/2004											

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	4-Nitroaniline ug/L	4-Nitrophenol ug/L	Acenaphthene ug/L	Acenaphthylene ug/L	Anthracene ug/L	Benzo(a)anthracene ug/L	Benzo(a)pyrene ug/L	Benzo(b)fluoranthene ug/L	Benzo(g,h,i)perylene ug/L	Benzo(k)fluoranthene ug/L	Benzoic acid ug/L
MW-28(A)	MW-28 (A)	10/17/2003			5 U	5 U	5 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-28(A)	MW-28 (A)	10/17/2003											
MW-28(A)	MW-28(A)	1/19/2004			0.0548	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-28(A)	MW-28(A)	1/19/2004											
MW-28(A)	MW-28(A)	4/14/2004			0.0555	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-28(A)	MW-28(A)	4/14/2004											
MW-28(A)	MW-28 (A)	7/23/2004			0.5 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.5 U	0.1 U	
MW-28(A)	MW-28 (A)	7/23/2004											
MW-29(A)	MW-29(A)	10/21/2003			0.0959	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-29(A)	MW-29(A)	10/21/2003											
MW-29(A)	MW-29(A)	1/19/2004			0.126	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-29(A)	MW-29(A)	1/19/2004											
MW-29(A)	MW-29(A)	4/16/2004			0.1 U	0.1 U	0.1 U	0.02 U	0.02 U	0.02 U	0.1 U	0.02 U	
MW-29(A)	MW-29(A)	4/16/2004											
MW-29(A)	MW-29 (A)	7/22/2004			2.5 U	2.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	
MW-29(A)	MW-29 (A)	7/22/2004											
MW-30(A)	MW-30 (A)	10/16/2003			0.0531	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-30(A)	MW-30 (A)	10/16/2003											
MW-30(A)	MW-30 (A)	1/16/2004			0.0751	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-30(A)	MW-30 (A)	1/16/2004											
MW-30(A)	MW-30 (A)	4/13/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-30(A)	MW-30 (A)	4/13/2004											
MW-30(A)	MW-30 (A)	7/20/2004			0.0744	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-30(A)	MW-30 (A)	7/20/2004											
MW-31(A)	BM-31 (A)	10/16/2003			0.0594	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-31(A)	BM-31 (A)	10/16/2003											
MW-31(A)	MW-31 (A)	10/16/2003			0.0661	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-31(A)	MW-31 (A)	10/16/2003											
MW-31(A)	MW-31 (A)	1/12/2004			0.096	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-31(A)	MW-31 (A)	1/12/2004											
MW-31(A)	BM-31 (A)	4/13/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-31(A)	BM-31 (A)	4/13/2004											
MW-31(A)	MW-31 (A)	4/13/2004			0.1 U	0.1 U	0.1 U	0.02 U	0.02 U	0.02 U	0.1 U	0.02 U	
MW-31(A)	MW-31 (A)	4/13/2004											
MW-31(A)	MW-31 (A)	7/20/2004			0.0652	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-31(A)	MW-31 (A)	7/20/2004											
MW-32(A)	MW-32(A)	10/14/2003			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-32(A)	MW-32(A)	10/14/2003											
MW-32(A)	MW-32 (A)	1/12/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-32(A)	MW-32 (A)	1/12/2004											
MW-32(A)	MW-32 (A)	4/13/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-32(A)	MW-32 (A)	4/13/2004											
MW-32(A)	MW-32 (A)	7/19/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-32(A)	MW-32 (A)	7/19/2004											

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	4-Nitroaniline ug/L	4-Nitrophenol ug/L	Acenaphthene ug/L	Acenaphthylene ug/L	Anthracene ug/L	Benzo(a)anthracene ug/L	Benzo(a)pyrene ug/L	Benzo(b)fluoranthene ug/L	Benzo(g,h,i)perylene ug/L	Benzo(k)fluoranthene ug/L	Benzoic acid ug/L
MW-33(A)	MW-33(A)	10/14/2003			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-33(A)	MW-33(A)	10/14/2003											
MW-33(A)	MW-33 (A)	1/12/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-33(A)	MW-33 (A)	1/12/2004											
MW-33(A)	MW-33 (A)	4/13/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-33(A)	MW-33 (A)	4/13/2004											
MW-33(A)	MW-33 (A)	7/19/2004			0.0528	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-33(A)	MW-33 (A)	7/19/2004											
MW-34(A)	MW-34(A)	10/14/2003			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-34(A)	MW-34(A)	10/14/2003											
MW-34(A)	MW-34 (A)	1/13/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-34(A)	MW-34 (A)	1/13/2004											
MW-34(A)	MW-34 (A)	4/14/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-34(A)	MW-34 (A)	4/14/2004											
MW-34(A)	MW-34 (A)	7/20/2004			0.05 U	0.05 U	0.05 U	0.0262	0.01 U	0.0267	0.05 U	0.0261	
MW-34(A)	MW-34 (A)	7/20/2004											
MW-35(A)	MW-35 (A)	10/16/2003			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-35(A)	MW-35 (A)	10/16/2003											
MW-35(A)	MW-35 (A)	1/16/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-35(A)	MW-35 (A)	1/16/2004											
MW-35(A)	MW-35 (A)	4/13/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-35(A)	MW-35 (A)	4/13/2004											
MW-35(A)	MW-35 (A)	7/20/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-35(A)	MW-35 (A)	7/20/2004											
MW-36(A)	MW-36(A)	10/21/2003			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-36(A)	MW-36(A)	10/21/2003											
MW-36(A)	MW-36 (A)	1/14/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-36(A)	MW-36 (A)	1/14/2004											
MW-36(A)	MW-36 (A)	4/14/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-36(A)	MW-36 (A)	4/14/2004											
MW-36(A)	MW-36 (A)	7/22/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-36(A)	MW-36 (A)	7/22/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-36(A)	MW-36 (A)	7/22/2004											
MW-37(A)	MW-37 (A)	10/17/2003			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-37(A)	MW-37 (A)	10/17/2003											
MW-38(A)	MW-38(A)	10/21/2003			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-38(A)	MW-38(A)	10/21/2003											
MW-38(A)	MW-38 (A)	1/14/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-38(A)	MW-38 (A)	1/14/2004											

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	4-Nitroaniline ug/L	4-Nitrophenol ug/L	Acenaphthene ug/L	Acenaphthylene ug/L	Anthracene ug/L	Benzo(a)anthracene ug/L	Benzo(a)pyrene ug/L	Benzo(b)fluoranthene ug/L	Benzo(g,h,i)perylene ug/L	Benzo(k)fluoranthene ug/L	Benzoic acid ug/L
MW-38(A)	MW-38 (A)	4/14/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-38(A)	MW-38 (A)	4/14/2004											
MW-38(A)	MW-38 (A)	7/22/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.02 U	0.05 U	0.02 U	
MW-38(A)	MW-38 (A)	7/22/2004											
MW-39(A)	MW-39 (A)	10/16/2003			1.04	0.05 U	0.137	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-39(A)	MW-39 (A)	10/16/2003											
MW-39(A)	MW-39 (A)	1/16/2004			0.598	0.125 U	0.0715	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-39(A)	MW-39 (A)	1/16/2004											
MW-39(A)	MW-39 (A)	4/14/2004			0.462	0.1 U	0.0707	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-39(A)	MW-39 (A)	4/14/2004											
MW-39(A)	MW-39 (A)	7/21/2004			1.4	0.5 U	0.156	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-39(A)	MW-39 (A)	7/21/2004											
MW-39(A)	Trip Blank	7/21/2004											
MW-39(A)	Trip Blank	7/22/2004											
MW-40(A)	MW-40 (A)	10/17/2003			0.727	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-40(A)	MW-40 (A)	10/17/2003											
MW-40(A)	MW-40(A)	1/20/2004			0.553	0.15 U	0.1 U	0.02 U	0.02 U	0.02 U	0.1 U	0.02 U	
MW-40(A)	MW-40(A)	1/20/2004											
MW-40(A)	MW-40(A)	4/16/2004			0.822	0.3 U	0.2 U	0.04 U	0.04 U	0.04 U	0.2 U	0.04 U	
MW-40(A)	MW-40(A)	4/16/2004											
MW-41(A)	MW-41(A)	10/14/2003			2.45	1.25 U	1.25 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-41(A)	MW-41(A)	10/14/2003											
MW-42(A)	MW-42 (A)	10/15/2003			1.1	0.05 U	0.0893	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-42(A)	MW-42 (A)	10/15/2003											
MW-43(A)	MW-43(A)	10/13/2003			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-43(A)	MW-43(A)	10/13/2003											
MW-43(A)	MW-43 (A)	1/12/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-43(A)	MW-43 (A)	1/12/2004											
MW-43(A)	MW-43 (A)	4/13/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-43(A)	MW-43 (A)	4/13/2004											
MW-43(A)	MW-43 (A)	7/21/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-43(A)	MW-43 (A)	7/21/2004											
MW-44(A)	MW-44 (A)	10/17/2003			0.194	0.05 U	0.08 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-44(A)	MW-44 (A)	10/17/2003											

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	4-Nitroaniline ug/L	4-Nitrophenol ug/L	Acenaphthene ug/L	Acenaphthylene ug/L	Anthracene ug/L	Benzo(a)anthracene ug/L	Benzo(a)pyrene ug/L	Benzo(b)fluoranthene ug/L	Benzo(g,h,i)perylene ug/L	Benzo(k)fluoranthene ug/L	Benzoic acid ug/L
MW-45(A)	MW-45 (A)	10/16/2003			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-45(A)	MW-45 (A)	10/16/2003											
MW-45(A)	MW-45 (A)	1/16/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-45(A)	MW-45 (A)	1/16/2004											
MW-45(A)	MW-45 (A)	4/14/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-45(A)	MW-45 (A)	4/14/2004											
MW-45(A)	MW-45 (A)	7/21/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-45(A)	MW-45 (A)	7/21/2004											
MW-46(A)	MW-46(A)	10/14/2003			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-46(A)	MW-46(A)	10/14/2003											
MW-46(A)	MW-46(A)	1/14/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-46(A)	MW-46(A)	1/14/2004											
MW-46(A)	MW-46 (A)	4/12/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-46(A)	MW-46 (A)	4/12/2004											
MW-46(A)	MW-46 (A)	7/21/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-46(A)	MW-46 (A)	7/21/2004											
MW-47(A)	MW-47(A)	10/13/2003			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-47(A)	MW-47(A)	10/13/2003											
MW-47(A)	MW-47 (A)	1/14/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-47(A)	MW-47 (A)	1/14/2004											
MW-47(A)	MW-47 (A)	4/12/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-47(A)	MW-47 (A)	4/12/2004											
MW-47(A)	MW-47 (A)	7/21/2004			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-47(A)	MW-47 (A)	7/21/2004											
MW-48(A)	MW-48(A)	10/14/2003			0.362	0.05 U	0.05 U	0.0127	0.01 U	0.01 U	0.05 U	0.01 U	
MW-48(A)	MW-48(A)	10/14/2003											
MW-48(A)	MW-48 (A)	1/14/2004			0.176	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
MW-48(A)	MW-48 (A)	1/14/2004											
MW-48(A)	MW-48 (A)	4/12/2004			0.117	0.05 U	0.05 U	0.0109	0.0104	0.0105	0.05 U	0.01 U	
MW-48(A)	MW-48 (A)	4/12/2004											
MW-48(A)	MW-48 (A)	7/21/2004			0.201	0.05 U	0.05 U	0.0243	0.0177	0.0202	0.05 U	0.0176	
MW-48(A)	MW-48 (A)	7/21/2004											
R-1(M)	R-1(M)	10/22/2003			0.0873	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
R-1(M)	R-1(M)	10/22/2003											
TW-100(C)	SB100(C)W	8/22/2002			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-100(C)	SB100(C)W	8/22/2002											
TW-103(C)	SB103(C)W	8/22/2002											
TW-104(C)	SB104(C)W	8/22/2002											

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	4-Nitroaniline ug/L	4-Nitrophenol ug/L	Acenaphthene ug/L	Acenaphthylene ug/L	Anthracene ug/L	Benzo(a)anthracene ug/L	Benzo(a)pyrene ug/L	Benzo(b)fluoranthene ug/L	Benzo(g,h,i)perylene ug/L	Benzo(k)fluoranthene ug/L	Benzoic acid ug/L
TW-200(C)	SB200(C)W	8/22/2002			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-200(C)	SB200(C)W	8/22/2002											
TW-201(C)	SB201(C)W	8/22/2002			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-201(C)	SB201(C)W	8/22/2002											
TW-202(C)	SB202(C)W	8/22/2002			0.157	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-202(C)	SB202(C)W	8/22/2002											
TW-203(C)	SB203(C)W	8/22/2002			1.09	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-203(C)	SB203(C)W	8/22/2002											
TW-204(C)	SB204(C)W	8/22/2002			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-204(C)	SB204(C)W	8/22/2002											
TW-204(C)	SB204(C)W2	8/22/2002			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-204(C)	SB204(C)W2	8/22/2002											
TW-304(D)	SB-304-D-9.0	8/19/2002			5 U	5 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-304(D)	SB-304-D-9.0 DUP	8/19/2002			5 U	5 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-305(D)	SB-305-D-9.0	8/19/2002			7.37	2.5 U	50 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	
TW-305(D)	SB-305-D-9.0	8/19/2002											
TW-306(D)	SB-306-D-9.0	8/19/2002			0.622	0.05 U	0.14	0.05 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-307(D)	SB-307-D-9.0	8/19/2002			5 U	5 U	5 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-309(D)	SB-309-D-9.0	8/19/2002			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-309(D)	SB-309-D-9.0	8/19/2002											
TW-311(D)	SB-311-D-10.0	8/19/2002			0.0567	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-312(D)	SB-312-D-10.0	8/19/2002			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-312(D)	SB-312-D-10.0	8/19/2002											
TW-313(D)	TW-313-D-22.0	8/20/2002			0.05 U	0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-314(D)	TW-314-D-22.0	8/20/2002			0.05 U	0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-318(D)	TW-318-D-22.0	8/20/2002			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-318(D)	TW-318-D-22.0	8/20/2002											
TW-319(D)	SB-319-D-14.0	8/19/2002			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-400(F)	TW-400(F)	8/22/2002			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-600(N)	TW-600(N)	9/13/2002			0.195	0.05 U	0.05 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	
TW-600(N)	TW-600(N)	9/13/2002											
TW-601(N)	TW-601(N)	9/13/2002			0.191	0.05 U	0.05 U	2.5 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-601(N)	TW-601(N)	9/13/2002											
TW-602(N)	BT-602(N)	9/13/2002			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-602(N)	BT-602(N)	9/13/2002											
TW-602(N)	TW-602(N)	9/13/2002			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-602(N)	TW-602(N)	9/13/2002											

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	4-Nitroaniline ug/L	4-Nitrophenol ug/L	Acenaphthene ug/L	Acenaphthylene ug/L	Anthracene ug/L	Benzo(a)anthracene ug/L	Benzo(a)pyrene ug/L	Benzo(b)fluoranthene ug/L	Benzo(g,h,i)perylene ug/L	Benzo(k)fluoranthene ug/L	Benzoic acid ug/L
TW-603(N)	TW-603(N)	9/13/2002			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-603(N)	TW-603(N)	9/13/2002											
TW-608(N)	TW-608 (N)	9/13/2002			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-608(N)	TW-608 (N)	9/13/2002											
TW-612(N)	TW-612(N)	9/12/2002			1.15	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
TW-612(N)	TW-612(N)	9/12/2002											
TW-616(N)	TW-616(N)	9/12/2002			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-616(N)	TW-616(N)	9/12/2002											
TW-619(N)	TW-619(N)	9/12/2002			0.142	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-619(N)	TW-619(N)	9/12/2002											
TW-623(N)	TW-623(N)	9/12/2002			0.37	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-623(N)	TW-623(N)	9/12/2002											
TW-624(N)	TW-624(N)	9/12/2002	10 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	50 U
TW-624(N)	TW-624(N)	9/12/2002											
TW-625(N)	BT-625(N)	9/12/2002			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-625(N)	TW-625(N)	9/12/2002			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-700(P)	TW-700(P)	8/21/2002			1 U J	1 U J	1 U J	1 U J	1 U J	1 U J	1 U J	1 U J	
TW-700(P)	TW-700(P)	8/21/2002											
TW-701(P)	TW-701(P)	8/20/2002											
TW-702(P)	TW-702(P)	8/21/2002			0.05 U J	0.05 U J	0.05 U J	0.01 U J	0.01 U J	0.01 U J	0.05 U J	0.01 U J	
TW-702(P)	TW-702(P)	8/21/2002											
TW-703(P)	TW-703(P)	8/21/2002											
TW-704(P)	TW-704(P)	8/21/2002		25 U									
TW-705(P)	TW-705(P)	8/20/2002		25 U	0.0571 U J	0.0571 U J	0.0571 U J	0.0114 U J	0.0114 U J	0.0114 U J	0.0571 U J	0.0114 U J	
TW-706(P)	TW-706(P)	8/21/2002											
TW-707(P)	TW-707(P)	8/21/2002											
TW-708(P)	BT-708(P)	8/20/2002			2 U J	2 U J	2 U J	2 U J	0.01 U J	0.01 U J	0.05 U J	0.01 U J	
TW-708(P)	BT-708(P)	8/20/2002											
TW-708(P)	TW-708(P)	8/20/2002			2.5 U J	2.5 U J	2.5 U J	2.5 U J	2.5 U J	2.5 U J	2.5 U J	2.5 U J	
TW-708(P)	TW-708(P)	8/20/2002											
TW-709(P)	TW-709(P)	8/21/2002											
TW-710(P)	TW-710(P)	8/21/2002			0.05 U J	0.05 U J	0.05 U J	0.01 U J	0.01 U J	0.01 U J	0.05 U J	0.01 U J	
TW-710(P)	TW-710(P)	8/21/2002											
TW-711(P)	BT-711(P)	8/21/2002											
TW-711(P)	TW-711(P)	8/21/2002											



TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	4-Nitroaniline ug/L	4-Nitrophenol ug/L	Acenaphthene ug/L	Acenaphthylene ug/L	Anthracene ug/L	Benzo(a)anthracene ug/L	Benzo(a)pyrene ug/L	Benzo(b)fluoranthene ug/L	Benzo(g,h,i)perylene ug/L	Benzo(k)fluoranthene ug/L	Benzoic acid ug/L
TW-712(P)	TW-712(P)	8/21/2002			0.05 U J	0.05 U J	0.05 U J	0.01 U J	0.01 U J	U J	0.05 U J	0.01 U J	
TW-712(P)	TW-712(P)	8/21/2002											
TW-714(P)	TW-714(P)	8/21/2002			1.55 J	2.5 U J	2.5 U J	2.5 U J	2.5 U J	2.5 U J	2.5 U J	2.5 U J	
TW-714(P)	TW-714(P)	8/21/2002											
TW-716(P)	TW-716(P)	8/20/2002			0.05 U J	0.05 U J	0.05 U J	0.01 U J	0.01 U J	0.01 U J	0.05 U J	0.01 U J	
TW-716(P)	TW-716(P)	8/20/2002											
TW-717(P)	TW-717(P)	8/20/2002			0.2 U J	0.2 U J	0.2 U J	0.2 U J	0.01 U J	0.01 U J	0.05 U J	0.01 U J	
TW-717(P)	TW-717(P)	8/20/2002											
TW-718(P)	TW-718(P)	8/21/2002			0.05 U J	0.05 U J	0.05 U J	0.01 U J	0.01 U J	0.01 U J	0.05 U J	0.01 U J	
TW-718(P)	TW-718(P)	8/21/2002											
TW-719(P)	BT-719(P)	8/23/2002			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-719(P)	BT-719(P)	8/23/2002											
TW-719(P)	TW-719(P)	8/23/2002			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-719(P)	TW-719(P)	8/23/2002											
TW-720(P)	TW-720(P)	8/23/2002			5 U	5 U	0.0894	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
TW-720(P)	TW-720(P)	8/23/2002											
TW-900(S)	SB-900(TW)	8/26/2002			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-901(S)	SB-901(TW)	8/26/2002			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
TW-901(S)	SB-901(TW)	8/26/2002											
TW-902(S)	SB-902(TW)	8/26/2002			1.03	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
TW-903(S)	SB-903(TW)	8/26/2002			1.53	0.2 U	0.103 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	
TW-903(S)	SB-903(TW)	8/26/2002											
TW-904(S)	SB-904(TW)	8/26/2002			0.87	0.1 U	0.0657 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
TW-904(S)	SB-904(TW)	8/26/2002											
TW-905(S)	SB-905(TW)	8/26/2002											
TW-906(S)	SB-906(TW)	8/27/2002			0.153	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-906(S)	SB-906(TW)	8/27/2002											
TW-908(S)	SB-908(TW)	8/27/2002			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-908(S)	SB-908(TW)	8/27/2002											
TW-909(S)	SB-909(TW)	8/27/2002			0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-910(S)	SB-910(TW)	8/26/2002			0.591	0.1 U	0.05 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	
TW-911(S)	SB-911(TW)	8/27/2002			0.363 J	0.5 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
TW-911(S)	SB-911(TW)	8/27/2002											

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Benzyl alcohol ug/L	bis(2-Chloroisopropyl)ether ug/L	bis-(2-ethylhexyl)phthalate ug/L	Chrysene ug/L	Dibenzo(a,h)anthracene ug/L	Dibenzofuran ug/L	Diethyl phthalate ug/L	Dimethyl phthalate ug/L	Di-n-butyl phthalate ug/L	Di-n-octyl phthalate ug/L
MW-1(F)	MW-1-082302	8/23/2002				0.01 U	0.01 U					
MW-1(F)	MW-1-082302	8/23/2002										
MW-1(F)	MW-1(F)	10/22/2003				0.01 U	0.01 U					
MW-1(F)	MW-1(F)	10/22/2003										
MW-1(F)	MW-1 (F)	1/15/2004				0.01 U	0.01 U					
MW-1(F)	MW-1 (F)	1/15/2004										
MW-1(F)	MW-1(F)	4/15/2004				0.01 U	0.01 U					
MW-1(F)	MW-1(F)	4/15/2004										
MW-1(F)	MW-1 (F)	7/20/2004				0.01 U	0.01 U					
MW-1(F)	MW-1 (F)	7/20/2004										
MW-2(M)	MW-2(M)	6/19/2003				0.5 U	1 U					
MW-2(M)	MW-2(M)	6/19/2003										
MW-2(M)	MW-2 (M)	10/15/2003				0.01 U	0.01 U					
MW-2(M)	MW-2 (M)	10/15/2003										
MW-2(M)	MW-2 (M)	1/12/2004				0.02 U	0.02 U					
MW-2(M)	MW-2 (M)	1/12/2004										
MW-2(M)	MW-2(M)	4/14/2004				0.1 U	0.1 U					
MW-2(M)	MW-2(M)	4/14/2004										
MW-2(M)	MW-2 (M)	7/22/2004				0.1 U	0.1 U					
MW-2(M)	MW-2 (M)	7/22/2004										
MW-6(M)	MW-6(M)	6/19/2003				0.1 U	0.2 U					
MW-6(M)	MW-6(M)	6/19/2003										
MW-6(M)	MW-6(M)	10/22/2003				0.01 U	0.01 U					
MW-6(M)	MW-6(M)	10/22/2003										
MW-6(M)	MW-6 (M)	1/12/2004				0.013	0.01 U					
MW-6(M)	MW-6 (M)	1/12/2004										
MW-6(M)	MW-6 (M)	4/13/2004				0.01 U	0.01 U					
MW-6(M)	MW-6 (M)	4/13/2004										
MW-6(M)	MW-6 (M)	7/19/2004				0.01 U	0.01 U					
MW-6(M)	MW-6 (M)	7/19/2004										
MW-7(M)	BM-7(M)	6/19/2003				0.1 U	0.2 U					
MW-7(M)	BM-7(M)	6/19/2003										
MW-7(M)	MW-7(M)	6/19/2003				0.1 U	0.2 U					
MW-7(M)	MW-7(M)	6/19/2003										
MW-7(M)	MW-7(M)	10/13/2003				0.01 U	0.01 U					
MW-7(M)	MW-7(M)	10/13/2003										
MW-7(M)	MW-7 (M)	1/12/2004				0.0104	0.01 U					
MW-7(M)	MW-7 (M)	1/12/2004										
MW-7(M)	MW-7 (M)	4/12/2004				0.01 U	0.01 U					
MW-7(M)	MW-7 (M)	4/12/2004										
MW-7(M)	MW-7 (M)	7/19/2004				0.01 U	0.01 U					
MW-7(M)	MW-7 (M)	7/19/2004										
MW-10(M)	MW-10(M)	6/19/2003				0.5 U	1 U					
MW-10(M)	MW-10(M)	6/19/2003										
MW-10(M)	MW-10 (M)	10/15/2003				0.0554	0.0172					
MW-10(M)	MW-10 (M)	10/15/2003										
MW-10(M)	MW-10 (M)	1/13/2004				0.0144	0.01 U					
MW-10(M)	MW-10 (M)	1/13/2004										
MW-10(M)	MW-10 (M)	4/13/2004				0.02 U	0.02 U					
MW-10(M)	MW-10 (M)	4/13/2004										
MW-10(M)	MW-10 (M)	7/19/2004				0.0133	0.01 U					
MW-10(M)	MW-10 (M)	7/19/2004										

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Benzyl alcohol ug/L	bis(2-Chloroisopropyl)eth- er ug/L	bis-(2-ethylhexyl)phthalat- e ug/L	Chrysene ug/L	Dibenzo(a,h)anthra- cene ug/L	Dibenzofuran ug/L	Diethyl phthalate ug/L	Dimethyl phthalate ug/L	Di-n-butyl phthalate ug/L	Di-n-octyl phthalate ug/L
MW-11(M)	MW-11(M)	6/19/2003				0.1 U	0.2 U					
MW-11(M)	MW-11(M)	6/19/2003										
MW-11(M)	MW-11 (M)	10/15/2003				0.01 U	0.01 U					
MW-11(M)	MW-11 (M)	10/15/2003										
MW-11(M)	MW-11 (M)	1/13/2004				0.01 U	0.01 U					
MW-11(M)	MW-11 (M)	1/13/2004										
MW-11(M)	MW-11 (M)	4/13/2004				0.01 U	0.01 U					
MW-11(M)	MW-11 (M)	4/13/2004										
MW-11(M)	MW-11 (M)	7/21/2004				0.01 U	0.01 U					
MW-11(M)	MW-11 (M)	7/21/2004										
MW-12(A)	MW-12(A)	10/22/2003				0.01 U	0.01 U					
MW-12(A)	MW-12(A)	10/22/2003										
MW-12(A)	MW-12 (A)	1/15/2004				0.01 U	0.01 U					
MW-12(A)	MW-12 (A)	1/15/2004										
MW-12(A)	MW-12(A)	4/16/2004				0.01 U	0.01 U					
MW-12(A)	MW-12(A)	4/16/2004										
MW-12(A)	MW-12 (A)	7/22/2004				0.0144	0.01 U					
MW-12(A)	MW-12 (A)	7/22/2004										
MW-13(A)	MW-13(A)	10/22/2003				0.01 U	0.01 U					
MW-13(A)	MW-13(A)	10/22/2003										
MW-13(A)	MW-13 (A)	1/15/2004				0.02 U	0.02 U					
MW-13(A)	MW-13 (A)	1/15/2004										
MW-13(A)	MW-13(A)	4/16/2004				0.02 U	0.02 U					
MW-13(A)	MW-13(A)	4/16/2004										
MW-13(A)	MW-13 (A)	7/22/2004				0.1 U	0.1 U					
MW-13(A)	MW-13 (A)	7/22/2004										
MW-14(A)	MW-14(A)	10/21/2003				0.01 U	0.01 U					
MW-14(A)	MW-14(A)	10/21/2003										
MW-14(A)	MW-14 (A)	1/15/2004				0.01 U	0.01 U					
MW-14(A)	MW-14 (A)	1/15/2004										
MW-14(A)	MW-14(A)	4/16/2004				0.01 U	0.01 U					
MW-14(A)	MW-14(A)	4/16/2004										
MW-14(A)	MW-14 (A)	7/23/2004				0.01 U	0.01 U					
MW-14(A)	MW-14 (A)	7/23/2004										
MW-15(A)	MW-15(A)	10/20/2003				0.01 U	0.01 U					
MW-15(A)	MW-15(A)	10/20/2003										
MW-16(A)	MW-16(A)	10/20/2003				0.01 U	0.01 U					
MW-16(A)	MW-16(A)	10/20/2003										
MW-16(A)	MW-16(A)	1/19/2004				0.01 U	0.01 U					
MW-16(A)	MW-16(A)	1/19/2004										
MW-16(A)	MW-16(A)	4/15/2004				0.01 U	0.01 U					
MW-16(A)	MW-16(A)	4/15/2004										
MW-16(A)	MW-16 (A)	7/22/2004				0.01 U	0.01 U					
MW-16(A)	MW-16 (A)	7/22/2004										

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Benzyl alcohol ug/L	bis(2-Chloroisopropyl)eth- er ug/L	bis-(2-ethylhexyl)phthalat- e ug/L	Chrysene ug/L	Dibenzo(a,h)anthra- cene ug/L	Dibenzofuran ug/L	Diethyl phthalate ug/L	Dimethyl phthalate ug/L	Di-n-butyl phthalate ug/L	Di-n-octyl phthalate ug/L
MW-17 (A)	BM-17 (A)	7/22/2004				0.01 U	0.01 U					
MW-17 (A)	BM-17 (A)	7/22/2004										
MW-17(A)	MW-17 (A)	10/17/2003				0.01 U	0.01 U					
MW-17(A)	MW-17 (A)	10/17/2003										
MW-17(A)	BM-17(A)	1/19/2004				0.01 U	0.01 U					
MW-17(A)	BM-17(A)	1/19/2004										
MW-17(A)	MW-17(A)	1/19/2004				0.01 U	0.01 U					
MW-17(A)	MW-17(A)	1/19/2004										
MW-17(A)	MW-17(A)	4/15/2004				0.01 U	0.01 U					
MW-17(A)	MW-17(A)	4/15/2004										
MW-17(A)	MW-17 (A)	7/22/2004				0.01 U	0.01 U					
MW-17(A)	MW-17 (A)	7/22/2004										
MW-18(A)	MW-18(A)	10/21/2003				0.01 U	0.01 U					
MW-18(A)	MW-18(A)	10/21/2003										
MW-18(A)	MW-18(A)	1/19/2004				0.01 U	0.01 U					
MW-18(A)	MW-18(A)	1/19/2004										
MW-18(A)	MW-18(A)	4/15/2004				0.01 U	0.01 U					
MW-18(A)	MW-18(A)	4/15/2004										
MW-18(A)	MW-18 (A)	7/21/2004				0.01 U	0.01 U					
MW-18(A)	MW-18 (A)	7/21/2004										
MW-19(A)	BM-19(A)	10/20/2003				0.01 U	0.01 U					
MW-19(A)	BM-19(A)	10/20/2003										
MW-19(A)	MW-19(A)	10/20/2003				0.01 U	0.01 U					
MW-19(A)	MW-19(A)	10/20/2003										
MW-19(A)	MW-19 (A)	1/13/2004				0.01 U	0.01 U					
MW-19(A)	MW-19 (A)	1/13/2004										
MW-19(A)	MW-19(A)	4/15/2004				0.01 U	0.01 U					
MW-19(A)	MW-19(A)	4/15/2004										
MW-19(A)	BM-19 (A)	7/20/2004				0.01 U	0.01 U					
MW-19(A)	BM-19 (A)	7/20/2004										
MW-19(A)	MW-19 (A)	7/20/2004				0.01 U	0.01 U					
MW-19(A)	MW-19 (A)	7/20/2004										
MW-20(A)	MW-20(A)	10/20/2003				0.01 U	0.01 U					
MW-20(A)	MW-20(A)	10/20/2003										
MW-20(A)	MW-20 (A)	1/13/2004				0.01 U	0.01 U					
MW-20(A)	MW-20 (A)	1/13/2004										
MW-20(A)	MW-20(A)	4/15/2004				0.02 U	0.02 U					
MW-20(A)	MW-20(A)	4/15/2004										
MW-20(A)	MW-20 (A)	7/20/2004				0.02 U	0.02 U					
MW-20(A)	MW-20 (A)	7/20/2004										
MW-21(A)	MW-21(A)	10/20/2003				0.01 U	0.01 U					
MW-21(A)	MW-21(A)	10/20/2003										
MW-21(A)	BM-21 (A)	1/13/2004				0.01 U	0.01 U					
MW-21(A)	BM-21 (A)	1/13/2004										
MW-21(A)	MW-21 (A)	1/13/2004				0.01 U	0.01 U					
MW-21(A)	MW-21 (A)	1/13/2004										
MW-21(A)	MW-21(A)	4/16/2004				0.02 U	0.02 U					
MW-21(A)	MW-21(A)	4/16/2004										
MW-21(A)	MW-21 (A)	7/20/2004				0.01 U	0.01 U					
MW-21(A)	MW-21 (A)	7/20/2004										

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Benzyl alcohol ug/L	bis(2-Chloroisopropyl)ether ug/L	bis-(2-ethylhexyl)phthalate ug/L	Chrysene ug/L	Dibenzo(a,h)anthracene ug/L	Dibenzofuran ug/L	Diethyl phthalate ug/L	Dimethyl phthalate ug/L	Di-n-butyl phthalate ug/L	Di-n-octyl phthalate ug/L
MW-22(A)	MW-22 (A)	10/16/2003				0.01 U	0.01 U					
MW-22(A)	MW-22 (A)	10/16/2003										
MW-22(A)	MW-22(A)	1/19/2004				0.01 U	0.01 U					
MW-22(A)	MW-22(A)	1/19/2004										
MW-22(A)	MW-22(A)	4/15/2004				0.01 U	0.01 U					
MW-22(A)	MW-22(A)	4/15/2004										
MW-22(A)	MW-22 (A)	7/20/2004				0.01 U	0.01 U					
MW-22(A)	MW-22 (A)	7/20/2004										
MW-23(A)	MW-23(A)	10/20/2003				0.01 U	0.01 U					
MW-23(A)	MW-23(A)	10/20/2003										
MW-23(A)	MW-23 (A)	1/15/2004				0.01 U	0.01 U					
MW-23(A)	MW-23 (A)	1/15/2004										
MW-23(A)	BM-23(A)	4/15/2004				0.01 U	0.01 U					
MW-23(A)	BM-23(A)	4/15/2004										
MW-23(A)	MW-23(A)	4/15/2004				0.01 U	0.01 U					
MW-23(A)	MW-23(A)	4/15/2004										
MW-23(A)	MW-23 (A)	7/20/2004				0.01 U	0.01 U					
MW-23(A)	MW-23 (A)	7/20/2004										
MW-24(A)	MW-24(A)	10/21/2003				0.01 U	0.01 U					
MW-24(A)	MW-24(A)	10/21/2003										
MW-24(A)	MW-24 (A)	1/15/2004				0.01 U	0.01 U					
MW-24(A)	MW-24 (A)	1/15/2004										
MW-24(A)	MW-24(A)	4/14/2004				0.01 U	0.01 U					
MW-24(A)	MW-24(A)	4/14/2004										
MW-24(A)	MW-24 (A)	7/22/2004				0.01 U	0.01 U					
MW-24(A)	MW-24 (A)	7/22/2004										
MW-26(A)	MW-26 (A)	10/17/2003				0.01 U	0.01 U					
MW-26(A)	MW-26 (A)	10/17/2003										
MW-26(A)	MW-26 (A)	1/15/2004				0.01 U	0.01 U					
MW-26(A)	MW-26 (A)	1/15/2004										
MW-26(A)	MW-26(A)	4/14/2004				0.01 U	0.01 U					
MW-26(A)	MW-26(A)	4/14/2004										
MW-26(A)	MW-26 (A)	7/22/2004				0.5 U	0.5 U					
MW-26(A)	MW-26 (A)	7/22/2004										
MW-27(A)	MW-27(A)	10/21/2003				0.01 U	0.01 U					
MW-27(A)	MW-27(A)	10/21/2003										
MW-27(A)	MW-27 (A)	1/14/2004				0.01 U	0.01 U					
MW-27(A)	MW-27 (A)	1/14/2004										
MW-27(A)	MW-27 (A)	4/14/2004				0.01 U	0.01 U					
MW-27(A)	MW-27 (A)	4/14/2004										
MW-27(A)	MW-27 (A)	7/22/2004				0.01 U	0.01 U					
MW-27(A)	MW-27 (A)	7/22/2004										

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Benzyl alcohol ug/L	bis(2-Chloroisopropyl)ether ug/L	bis-(2-ethylhexyl)phthalate ug/L	Chrysene ug/L	Dibenzo(a,h)anthracene ug/L	Dibenzofuran ug/L	Diethyl phthalate ug/L	Dimethyl phthalate ug/L	Di-n-butyl phthalate ug/L	Di-n-octyl phthalate ug/L
MW-28(A)	MW-28 (A)	10/17/2003				0.01 U	0.01 U					
MW-28(A)	MW-28 (A)	10/17/2003										
MW-28(A)	MW-28(A)	1/19/2004				0.01 U	0.01 U					
MW-28(A)	MW-28(A)	1/19/2004										
MW-28(A)	MW-28(A)	4/14/2004				0.01 U	0.01 U					
MW-28(A)	MW-28(A)	4/14/2004										
MW-28(A)	MW-28 (A)	7/23/2004				0.1 U	0.1 U					
MW-28(A)	MW-28 (A)	7/23/2004										
MW-29(A)	MW-29(A)	10/21/2003				0.01 U	0.01 U					
MW-29(A)	MW-29(A)	10/21/2003										
MW-29(A)	MW-29(A)	1/19/2004				0.0125	0.01 U					
MW-29(A)	MW-29(A)	1/19/2004										
MW-29(A)	MW-29(A)	4/16/2004				0.02 U	0.02 U					
MW-29(A)	MW-29(A)	4/16/2004										
MW-29(A)	MW-29 (A)	7/22/2004				0.5 U	0.5 U					
MW-29(A)	MW-29 (A)	7/22/2004										
MW-30(A)	MW-30 (A)	10/16/2003				0.01 U	0.01 U					
MW-30(A)	MW-30 (A)	10/16/2003										
MW-30(A)	MW-30 (A)	1/16/2004				0.01 U	0.01 U					
MW-30(A)	MW-30 (A)	1/16/2004										
MW-30(A)	MW-30 (A)	4/13/2004				0.01 U	0.01 U					
MW-30(A)	MW-30 (A)	4/13/2004										
MW-30(A)	MW-30 (A)	7/20/2004				0.01 U	0.01 U					
MW-30(A)	MW-30 (A)	7/20/2004										
MW-31(A)	BM-31 (A)	10/16/2003				0.01 U	0.01 U					
MW-31(A)	BM-31 (A)	10/16/2003										
MW-31(A)	MW-31 (A)	10/16/2003				0.01 U	0.01 U					
MW-31(A)	MW-31 (A)	10/16/2003										
MW-31(A)	MW-31 (A)	1/12/2004				0.01 U	0.01 U					
MW-31(A)	MW-31 (A)	1/12/2004										
MW-31(A)	BM-31 (A)	4/13/2004				0.01 U	0.01 U					
MW-31(A)	BM-31 (A)	4/13/2004										
MW-31(A)	MW-31 (A)	4/13/2004				0.02 U	0.02 U					
MW-31(A)	MW-31 (A)	4/13/2004										
MW-31(A)	MW-31 (A)	7/20/2004				0.01 U	0.01 U					
MW-31(A)	MW-31 (A)	7/20/2004										
MW-32(A)	MW-32(A)	10/14/2003				0.01 U	0.01 U					
MW-32(A)	MW-32(A)	10/14/2003										
MW-32(A)	MW-32 (A)	1/12/2004				0.01 U	0.01 U					
MW-32(A)	MW-32 (A)	1/12/2004										
MW-32(A)	MW-32 (A)	4/13/2004				0.01 U	0.01 U					
MW-32(A)	MW-32 (A)	4/13/2004										
MW-32(A)	MW-32 (A)	7/19/2004				0.01 U	0.01 U					
MW-32(A)	MW-32 (A)	7/19/2004										

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Benzyl alcohol ug/L	bis(2-Chloroisopropyl)ether ug/L	bis-(2-ethylhexyl)phthalate ug/L	Chrysene ug/L	Dibenzo(a,h)anthracene ug/L	Dibenzofuran ug/L	Diethyl phthalate ug/L	Dimethyl phthalate ug/L	Di-n-butyl phthalate ug/L	Di-n-octyl phthalate ug/L
MW-33(A)	MW-33(A)	10/14/2003				0.01 U	0.01 U					
MW-33(A)	MW-33(A)	10/14/2003										
MW-33(A)	MW-33 (A)	1/12/2004				0.01 U	0.01 U					
MW-33(A)	MW-33 (A)	1/12/2004										
MW-33(A)	MW-33 (A)	4/13/2004				0.01 U	0.01 U					
MW-33(A)	MW-33 (A)	4/13/2004										
MW-33(A)	MW-33 (A)	7/19/2004				0.01 U	0.01 U					
MW-33(A)	MW-33 (A)	7/19/2004										
MW-34(A)	MW-34(A)	10/14/2003				0.01 U	0.01 U					
MW-34(A)	MW-34(A)	10/14/2003										
MW-34(A)	MW-34 (A)	1/13/2004				0.01 U	0.01 U					
MW-34(A)	MW-34 (A)	1/13/2004										
MW-34(A)	MW-34 (A)	4/14/2004				0.01 U	0.01 U					
MW-34(A)	MW-34 (A)	4/14/2004										
MW-34(A)	MW-34 (A)	7/20/2004				0.0306	0.0111					
MW-34(A)	MW-34 (A)	7/20/2004										
MW-35(A)	MW-35 (A)	10/16/2003				0.01 U	0.01 U					
MW-35(A)	MW-35 (A)	10/16/2003										
MW-35(A)	MW-35 (A)	1/16/2004				0.01 U	0.01 U					
MW-35(A)	MW-35 (A)	1/16/2004										
MW-35(A)	MW-35 (A)	4/13/2004				0.01 U	0.01 U					
MW-35(A)	MW-35 (A)	4/13/2004										
MW-35(A)	MW-35 (A)	7/20/2004				0.01 U	0.01 U					
MW-35(A)	MW-35 (A)	7/20/2004										
MW-36(A)	MW-36(A)	10/21/2003				0.01 U	0.01 U					
MW-36(A)	MW-36(A)	10/21/2003										
MW-36(A)	MW-36 (A)	1/14/2004				0.01 U	0.01 U					
MW-36(A)	MW-36 (A)	1/14/2004										
MW-36(A)	MW-36 (A)	4/14/2004				0.01 U	0.01 U					
MW-36(A)	MW-36 (A)	4/14/2004										
MW-36(A)	MW-36 (A)	7/22/2004				0.01 U	0.01 U					
MW-36(A)	MW-36 (A)	7/22/2004				0.01 U	0.01 U					
MW-36(A)	MW-36 (A)	7/22/2004										
MW-37(A)	MW-37 (A)	10/17/2003				0.01 U	0.01 U					
MW-37(A)	MW-37 (A)	10/17/2003										
MW-38(A)	MW-38(A)	10/21/2003				0.01 U	0.01 U					
MW-38(A)	MW-38(A)	10/21/2003										
MW-38(A)	MW-38 (A)	1/14/2004				0.01 U	0.01 U					
MW-38(A)	MW-38 (A)	1/14/2004										

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Benzyl alcohol ug/L	bis(2-Chloroisopropyl)eth- er ug/L	bis-(2-ethylhexyl)phthalat- e ug/L	Chrysene ug/L	Dibenzo(a,h)anthra- cene ug/L	Dibenzofuran ug/L	Diethyl phthalate ug/L	Dimethyl phthalate ug/L	Di-n-butyl phthalate ug/L	Di-n-octyl phthalate ug/L
MW-38(A)	MW-38 (A)	4/14/2004				0.01 U	0.01 U					
MW-38(A)	MW-38 (A)	4/14/2004										
MW-38(A)	MW-38 (A)	7/22/2004				0.0412	0.01 U					
MW-38(A)	MW-38 (A)	7/22/2004										
MW-39(A)	MW-39 (A)	10/16/2003				0.01 U	0.01 U					
MW-39(A)	MW-39 (A)	10/16/2003										
MW-39(A)	MW-39 (A)	1/16/2004				0.01 U	0.01 U					
MW-39(A)	MW-39 (A)	1/16/2004										
MW-39(A)	MW-39 (A)	4/14/2004				0.01 U	0.01 U					
MW-39(A)	MW-39 (A)	4/14/2004										
MW-39(A)	MW-39 (A)	7/21/2004				0.01 U	0.01 U					
MW-39(A)	MW-39 (A)	7/21/2004										
MW-39(A)	Trip Blank	7/21/2004										
MW-39(A)	Trip Blank	7/22/2004										
MW-40(A)	MW-40 (A)	10/17/2003				0.01 U	0.01 U					
MW-40(A)	MW-40 (A)	10/17/2003										
MW-40(A)	MW-40(A)	1/20/2004				0.02 U	0.02 U					
MW-40(A)	MW-40(A)	1/20/2004										
MW-40(A)	MW-40(A)	4/16/2004				0.04 U	0.04 U					
MW-40(A)	MW-40(A)	4/16/2004										
MW-41(A)	MW-41(A)	10/14/2003				0.02 U	0.01 U					
MW-41(A)	MW-41(A)	10/14/2003										
MW-42(A)	MW-42 (A)	10/15/2003				0.01 U	0.01 U					
MW-42(A)	MW-42 (A)	10/15/2003										
MW-43(A)	MW-43(A)	10/13/2003				0.01 U	0.01 U					
MW-43(A)	MW-43(A)	10/13/2003										
MW-43(A)	MW-43 (A)	1/12/2004				0.01 U	0.01 U					
MW-43(A)	MW-43 (A)	1/12/2004										
MW-43(A)	MW-43 (A)	4/13/2004				0.01 U	0.01 U					
MW-43(A)	MW-43 (A)	4/13/2004										
MW-43(A)	MW-43 (A)	7/21/2004				0.01 U	0.01 U					
MW-43(A)	MW-43 (A)	7/21/2004										
MW-44(A)	MW-44 (A)	10/17/2003				0.01 U	0.01 U					
MW-44(A)	MW-44 (A)	10/17/2003										



TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Benzyl alcohol ug/L	bis(2-Chloroisopropyl)ether ug/L	bis-(2-ethylhexyl)phthalate ug/L	Chrysene ug/L	Dibenzo(a,h)anthracene ug/L	Dibenzofuran ug/L	Diethyl phthalate ug/L	Dimethyl phthalate ug/L	Di-n-butyl phthalate ug/L	Di-n-octyl phthalate ug/L
MW-45(A)	MW-45 (A)	10/16/2003				0.01 U	0.01 U					
MW-45(A)	MW-45 (A)	10/16/2003										
MW-45(A)	MW-45 (A)	1/16/2004				0.01 U	0.01 U					
MW-45(A)	MW-45 (A)	1/16/2004										
MW-45(A)	MW-45 (A)	4/14/2004				0.01 U	0.01 U					
MW-45(A)	MW-45 (A)	4/14/2004										
MW-45(A)	MW-45 (A)	7/21/2004				0.01 U	0.01 U					
MW-45(A)	MW-45 (A)	7/21/2004										
MW-46(A)	MW-46(A)	10/14/2003				0.01 U	0.01 U					
MW-46(A)	MW-46(A)	10/14/2003										
MW-46(A)	MW-46(A)	1/14/2004				0.01 U	0.01 U					
MW-46(A)	MW-46(A)	1/14/2004										
MW-46(A)	MW-46 (A)	4/12/2004				0.01 U	0.01 U					
MW-46(A)	MW-46 (A)	4/12/2004										
MW-46(A)	MW-46 (A)	7/21/2004				0.01 U	0.01 U					
MW-46(A)	MW-46 (A)	7/21/2004										
MW-47(A)	MW-47(A)	10/13/2003				0.01 U	0.01 U					
MW-47(A)	MW-47(A)	10/13/2003										
MW-47(A)	MW-47 (A)	1/14/2004				0.01 U	0.01 U					
MW-47(A)	MW-47 (A)	1/14/2004										
MW-47(A)	MW-47 (A)	4/12/2004				0.01 U	0.01 U					
MW-47(A)	MW-47 (A)	4/12/2004										
MW-47(A)	MW-47 (A)	7/21/2004				0.01 U	0.01 U					
MW-47(A)	MW-47 (A)	7/21/2004										
MW-48(A)	MW-48(A)	10/14/2003				0.0157	0.01 U					
MW-48(A)	MW-48(A)	10/14/2003										
MW-48(A)	MW-48 (A)	1/14/2004				0.01 U	0.01 U					
MW-48(A)	MW-48 (A)	1/14/2004										
MW-48(A)	MW-48 (A)	4/12/2004				0.0122	0.01 U					
MW-48(A)	MW-48 (A)	4/12/2004										
MW-48(A)	MW-48 (A)	7/21/2004				0.0282	0.01 U					
MW-48(A)	MW-48 (A)	7/21/2004										
R-1(M)	R-1(M)	10/22/2003				0.015	0.01 U					
R-1(M)	R-1(M)	10/22/2003										
TW-100(C)	SB100(C)W	8/22/2002				0.01 U	0.01 U					
TW-100(C)	SB100(C)W	8/22/2002										
TW-103(C)	SB103(C)W	8/22/2002										
TW-104(C)	SB104(C)W	8/22/2002										

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Benzyl alcohol ug/L	bis(2-Chloroisopropyl)ether ug/L	bis-(2-ethylhexyl)phthalate ug/L	Chrysene ug/L	Dibenzo(a,h)anthracene ug/L	Dibenzofuran ug/L	Diethyl phthalate ug/L	Dimethyl phthalate ug/L	Di-n-butyl phthalate ug/L	Di-n-octyl phthalate ug/L
TW-200(C)	SB200(C)W	8/22/2002				0.01 U	0.01 U					
TW-200(C)	SB200(C)W	8/22/2002										
TW-201(C)	SB201(C)W	8/22/2002				0.01 U	0.01 U					
TW-201(C)	SB201(C)W	8/22/2002										
TW-202(C)	SB202(C)W	8/22/2002				0.01 U	0.01 U					
TW-202(C)	SB202(C)W	8/22/2002										
TW-203(C)	SB203(C)W	8/22/2002				0.01 U	0.01 U					
TW-203(C)	SB203(C)W	8/22/2002										
TW-204(C)	SB204(C)W	8/22/2002				0.01 U	0.01 U					
TW-204(C)	SB204(C)W	8/22/2002										
TW-204(C)	SB204(C)W2	8/22/2002				0.01 U	0.01 U					
TW-204(C)	SB204(C)W2	8/22/2002										
TW-304(D)	SB-304-D-9.0	8/19/2002				0.01 U	0.01 U					
TW-304(D)	SB-304-D-9.0 DUP	8/19/2002				0.01 U	0.01 U					
TW-305(D)	SB-305-D-9.0	8/19/2002				0.5 U	0.5 U					
TW-305(D)	SB-305-D-9.0	8/19/2002										
TW-306(D)	SB-306-D-9.0	8/19/2002				0.05 U	0.01 U					
TW-307(D)	SB-307-D-9.0	8/19/2002				0.01 U	0.01 U					
TW-309(D)	SB-309-D-9.0	8/19/2002				0.01 U	0.01 U					
TW-309(D)	SB-309-D-9.0	8/19/2002										
TW-311(D)	SB-311-D-10.0	8/19/2002				0.01 U	0.01 U					
TW-312(D)	SB-312-D-10.0	8/19/2002				0.01 U	0.01 U					
TW-312(D)	SB-312-D-10.0	8/19/2002										
TW-313(D)	TW-313-D-22.0	8/20/2002				0.05 U	0.01 U					
TW-314(D)	TW-314-D-22.0	8/20/2002				0.05 U	0.01 U					
TW-318(D)	TW-318-D-22.0	8/20/2002				0.01 U	0.01 U					
TW-318(D)	TW-318-D-22.0	8/20/2002										
TW-319(D)	SB-319-D-14.0	8/19/2002				0.01 U	0.01 U					
TW-400(F)	TW-400(F)	8/22/2002				0.01 U	0.01 U					
TW-600(N)	TW-600(N)	9/13/2002				0.25 U	0.25 U					
TW-600(N)	TW-600(N)	9/13/2002										
TW-601(N)	TW-601(N)	9/13/2002				2.5 U	0.01 U					
TW-601(N)	TW-601(N)	9/13/2002										
TW-602(N)	BT-602(N)	9/13/2002				0.01 U	0.01 U					
TW-602(N)	BT-602(N)	9/13/2002										
TW-602(N)	TW-602(N)	9/13/2002				0.01 U	0.01 U					
TW-602(N)	TW-602(N)	9/13/2002										

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Benzyl alcohol ug/L	bis(2-Chloroisopropyl)eth- er ug/L	bis-(2-ethylhexyl)phthalat- e ug/L	Chrysene ug/L	Dibenzo(a,h)anthra- cene ug/L	Dibenzofuran ug/L	Diethyl phthalate ug/L	Dimethyl phthalate ug/L	Di-n-butyl phthalate ug/L	Di-n-octyl phthalate ug/L
TW-603(N)	TW-603(N)	9/13/2002				0.01 U	0.01 U					
TW-603(N)	TW-603(N)	9/13/2002										
TW-608(N)	TW-608 (N)	9/13/2002				0.01 U	0.01 U					
TW-608(N)	TW-608 (N)	9/13/2002										
TW-612(N)	TW-612(N)	9/12/2002				0.05 U	0.05 U					
TW-612(N)	TW-612(N)	9/12/2002										
TW-616(N)	TW-616(N)	9/12/2002				0.01 U	0.01 U					
TW-616(N)	TW-616(N)	9/12/2002										
TW-619(N)	TW-619(N)	9/12/2002				0.01 U	0.01 U					
TW-619(N)	TW-619(N)	9/12/2002										
TW-623(N)	TW-623(N)	9/12/2002				0.01 U	0.01 U					
TW-623(N)	TW-623(N)	9/12/2002										
TW-624(N)	TW-624(N)	9/12/2002	10 U	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
TW-624(N)	TW-624(N)	9/12/2002				0.01 U	0.01 U					
TW-625(N)	BT-625(N)	9/12/2002				0.01 U	0.01 U					
TW-625(N)	TW-625(N)	9/12/2002										
TW-700(P)	TW-700(P)	8/21/2002				1 U J	1 U J					
TW-700(P)	TW-700(P)	8/21/2002										
TW-701(P)	TW-701(P)	8/20/2002										
TW-702(P)	TW-702(P)	8/21/2002				0.01 U J	0.01 U J					
TW-702(P)	TW-702(P)	8/21/2002										
TW-703(P)	TW-703(P)	8/21/2002										
TW-704(P)	TW-704(P)	8/21/2002										
TW-705(P)	TW-705(P)	8/20/2002				0.0114 U J	0.0114 U J					
TW-706(P)	TW-706(P)	8/21/2002										
TW-707(P)	TW-707(P)	8/21/2002										
TW-708(P)	BT-708(P)	8/20/2002				2 U J	0.01 U J					
TW-708(P)	BT-708(P)	8/20/2002										
TW-708(P)	TW-708(P)	8/20/2002				2.5 U J	2.5 U J					
TW-708(P)	TW-708(P)	8/20/2002										
TW-709(P)	TW-709(P)	8/21/2002										
TW-710(P)	TW-710(P)	8/21/2002				0.01 U J	0.01 U J					
TW-710(P)	TW-710(P)	8/21/2002										
TW-711(P)	BT-711(P)	8/21/2002										
TW-711(P)	TW-711(P)	8/21/2002										

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Benzyl alcohol ug/L	bis(2-Chloroisopropyl)ether ug/L	bis(2-ethylhexyl)phthalate ug/L	Chrysene ug/L	Dibenzo(a,h)anthracene ug/L	Dibenzofuran ug/L	Diethyl phthalate ug/L	Dimethyl phthalate ug/L	Di-n-butyl phthalate ug/L	Di-n-octyl phthalate ug/L
TW-712(P)	TW-712(P)	8/21/2002				0.0161 J	0.01 U J					
TW-712(P)	TW-712(P)	8/21/2002										
TW-714(P)	TW-714(P)	8/21/2002				2.5 U J	2.5 U J					
TW-714(P)	TW-714(P)	8/21/2002										
TW-716(P)	TW-716(P)	8/20/2002				0.01 U J	0.01 U J					
TW-716(P)	TW-716(P)	8/20/2002										
TW-717(P)	TW-717(P)	8/20/2002				0.2 U J	0.01 U J					
TW-717(P)	TW-717(P)	8/20/2002										
TW-718(P)	TW-718(P)	8/21/2002				0.01 U J	0.01 U J					
TW-718(P)	TW-718(P)	8/21/2002										
TW-719(P)	BT-719(P)	8/23/2002				0.01 U	0.01 U					
TW-719(P)	BT-719(P)	8/23/2002										
TW-719(P)	TW-719(P)	8/23/2002				0.01 U	0.01 U					
TW-719(P)	TW-719(P)	8/23/2002										
TW-720(P)	TW-720(P)	8/23/2002				0.05 U	0.05 U					
TW-720(P)	TW-720(P)	8/23/2002										
TW-900(S)	SB-900(TW)	8/26/2002				0.01 U	0.01 U					
TW-901(S)	SB-901(TW)	8/26/2002				1 U	1 U					
TW-901(S)	SB-901(TW)	8/26/2002										
TW-902(S)	SB-902(TW)	8/26/2002				0.5 U	0.5 U					
TW-903(S)	SB-903(TW)	8/26/2002				0.2 U	0.2 U					
TW-903(S)	SB-903(TW)	8/26/2002										
TW-904(S)	SB-904(TW)	8/26/2002				0.1 U	0.1 U					
TW-904(S)	SB-904(TW)	8/26/2002										
TW-905(S)	SB-905(TW)	8/26/2002										
TW-906(S)	SB-906(TW)	8/27/2002				0.01 U	0.01 U					
TW-906(S)	SB-906(TW)	8/27/2002										
TW-908(S)	SB-908(TW)	8/27/2002				0.01 U	0.01 U					
TW-908(S)	SB-908(TW)	8/27/2002										
TW-909(S)	SB-909(TW)	8/27/2002				0.01 U	0.01 U					
TW-910(S)	SB-910(TW)	8/26/2002				0.01 U	0.01 U					
TW-911(S)	SB-911(TW)	8/27/2002				0.1 U	0.1 U					
TW-911(S)	SB-911(TW)	8/27/2002										

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	Naphthalene	Nitrobenzene	n-Nitrosodiphenylamine
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-1(F)	MW-1-082302	8/23/2002	0.05 U	0.12				0.01 U		2 U		
MW-1(F)	MW-1-082302	8/23/2002								0.1 U		
MW-1(F)	MW-1(F)	10/22/2003	0.05 U	0.05 U				0.01 U		2 U B		
MW-1(F)	MW-1(F)	10/22/2003								0.947		
MW-1(F)	MW-1 (F)	1/15/2004	0.05 U	0.209				0.01 U		0.3 J		
MW-1(F)	MW-1 (F)	1/15/2004								1.5 U		
MW-1(F)	MW-1(F)	4/15/2004	0.05 U	0.134				0.01 U		0.72 J		
MW-1(F)	MW-1(F)	4/15/2004								2.3 U		
MW-1(F)	MW-1 (F)	7/20/2004	0.05 U	0.0967				0.01 U		1.25 U		
MW-1(F)	MW-1 (F)	7/20/2004								2.05		
MW-2(M)	MW-2(M)	6/19/2003	0.5 U	2.16				0.5 U		656		
MW-2(M)	MW-2(M)	6/19/2003								524		
MW-2(M)	MW-2 (M)	10/15/2003	0.0693	1.33				0.01 U		125		
MW-2(M)	MW-2 (M)	10/15/2003								89.4		
MW-2(M)	MW-2 (M)	1/12/2004	0.1 U	0.78				0.02 U		4.08		
MW-2(M)	MW-2 (M)	1/12/2004								3.42		
MW-2(M)	MW-2(M)	4/14/2004	0.5 U	0.88				0.1 U		334		
MW-2(M)	MW-2(M)	4/14/2004								143		
MW-2(M)	MW-2 (M)	7/22/2004	0.5 U	1.83				0.1 U		132		
MW-2(M)	MW-2 (M)	7/22/2004								179		
MW-6(M)	MW-6(M)	6/19/2003	0.1 U	0.1 U				0.1 U		2 U		
MW-6(M)	MW-6(M)	6/19/2003								0.1 U		
MW-6(M)	MW-6(M)	10/22/2003	0.05 U	0.05 U				0.01 U		2 U		
MW-6(M)	MW-6(M)	10/22/2003								0.05 U		
MW-6(M)	MW-6 (M)	1/12/2004	0.05 U	0.05 U				0.01 U		0.05 U		
MW-6(M)	MW-6 (M)	1/12/2004								0.4		
MW-6(M)	MW-6 (M)	4/13/2004	0.05 U	0.05 U				0.01 U		2 U		
MW-6(M)	MW-6 (M)	4/13/2004								0.05 U		
MW-6(M)	MW-6 (M)	7/19/2004	0.05 U	0.05 U				0.01 U		2 U		
MW-6(M)	MW-6 (M)	7/19/2004								0.05 U		
MW-7(M)	BM-7(M)	6/19/2003	0.1 U	0.1 U				0.1 U		2 U		
MW-7(M)	BM-7(M)	6/19/2003								0.1 U		
MW-7(M)	MW-7(M)	6/19/2003	0.1 U	0.1 U				0.1 U		2 U		
MW-7(M)	MW-7(M)	6/19/2003								0.1 U		
MW-7(M)	MW-7(M)	10/13/2003	0.05 U	0.05 U				0.01 U		2 U		
MW-7(M)	MW-7(M)	10/13/2003								0.05 U		
MW-7(M)	MW-7 (M)	1/12/2004	0.05 U	0.05 U				0.01 U		2 U		
MW-7(M)	MW-7 (M)	1/12/2004								0.05 U		
MW-7(M)	MW-7 (M)	4/12/2004	0.05 U	0.05 U				0.01 U		2 U		
MW-7(M)	MW-7 (M)	4/12/2004								0.05 U		
MW-7(M)	MW-7 (M)	7/19/2004	0.05 U	0.05 U				0.01 U		0.26 J		
MW-7(M)	MW-7 (M)	7/19/2004								0.0868		
MW-10(M)	MW-10(M)	6/19/2003	0.5 U	2 U				0.5 U		20.6		
MW-10(M)	MW-10(M)	6/19/2003								16.3		
MW-10(M)	MW-10 (M)	10/15/2003	0.0655	0.238				0.0408		65.3		
MW-10(M)	MW-10 (M)	10/15/2003								12		
MW-10(M)	MW-10 (M)	1/13/2004	0.05 U	1 U				0.01 U		3 U		
MW-10(M)	MW-10 (M)	1/13/2004								1.64		
MW-10(M)	MW-10 (M)	4/13/2004	0.1 U	0.187				0.02 U		5.07		
MW-10(M)	MW-10 (M)	4/13/2004								5 U		
MW-10(M)	MW-10 (M)	7/19/2004	0.05 U	0.154				0.01 U		2.57		
MW-10(M)	MW-10 (M)	7/19/2004								2.5 U		

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Fluoranthene ug/L	Fluorene ug/L	Hexachlorobenzene ug/L	Hexachlorocyclopentadiene ug/L	Hexachloroethane ug/L	Indeno(1,2,3-cd)pyrene ug/L	Isophorone ug/L	Naphthalene ug/L	Nitrobenzene ug/L	n-Nitrosodiphenylamine ug/L
MW-11(M)	MW-11(M)	6/19/2003	0.1 U	0.1 U				0.1 U		2 U		
MW-11(M)	MW-11(M)	6/19/2003								0.35 U		
MW-11(M)	MW-11 (M)	10/15/2003	0.05 U	0.05 U				0.01 U		0.66 J		
MW-11(M)	MW-11 (M)	10/15/2003								0.4 U		
MW-11(M)	MW-11 (M)	1/13/2004	0.05 U	0.05 U				0.01 U		0.325 U		
MW-11(M)	MW-11 (M)	1/13/2004								2 U		
MW-11(M)	MW-11 (M)	4/13/2004	0.05 U	0.05 U				0.01 U		0.25 U		
MW-11(M)	MW-11 (M)	4/13/2004								0.51 J		
MW-11(M)	MW-11 (M)	7/21/2004	0.05 U	0.05 U				0.01 U		2 U		
MW-11(M)	MW-11 (M)	7/21/2004								0.11 U		
MW-12(A)	MW-12(A)	10/22/2003	0.05 U	0.05 U				0.01 U		2 U B		
MW-12(A)	MW-12(A)	10/22/2003								0.05 U		
MW-12(A)	MW-12 (A)	1/15/2004	0.05 U	0.05 U				0.01 U		0.05 U		
MW-12(A)	MW-12 (A)	1/15/2004								2 U		
MW-12(A)	MW-12(A)	4/16/2004	0.05 U	0.05 U				0.01 U		0.0873		
MW-12(A)	MW-12(A)	4/16/2004								2 U		
MW-12(A)	MW-12 (A)	7/22/2004	0.05 U	0.05 U				0.01 U		0.0584		
MW-12(A)	MW-12 (A)	7/22/2004								2 U		
MW-13(A)	MW-13(A)	10/22/2003	0.05 U	0.05 U				0.01 U		122		
MW-13(A)	MW-13(A)	10/22/2003								65.4		
MW-13(A)	MW-13 (A)	1/15/2004	0.1 U	0.1 U				0.02 U		75.7		
MW-13(A)	MW-13 (A)	1/15/2004								223		
MW-13(A)	MW-13(A)	4/16/2004	0.1 U	0.1 U				0.02 U		282		
MW-13(A)	MW-13(A)	4/16/2004								94.5		
MW-13(A)	MW-13 (A)	7/22/2004	0.5 U	0.5 U				0.1 U		118		
MW-13(A)	MW-13 (A)	7/22/2004								122		
MW-14(A)	MW-14(A)	10/21/2003	0.05 U	0.05 U				0.01 U		2 U B		
MW-14(A)	MW-14(A)	10/21/2003								0.977		
MW-14(A)	MW-14 (A)	1/15/2004	0.05 U	0.05 U				0.01 U		0.19 J		
MW-14(A)	MW-14 (A)	1/15/2004								0.05 U		
MW-14(A)	MW-14(A)	4/16/2004	0.05 U	0.05 U				0.01 U		0.05 U		
MW-14(A)	MW-14(A)	4/16/2004								2 U		
MW-14(A)	MW-14 (A)	7/23/2004	0.05 U	0.05 U				0.01 U		2 U		
MW-14(A)	MW-14 (A)	7/23/2004								0.0668		
MW-15(A)	MW-15(A)	10/20/2003	0.05 U	0.0941				0.01 U		2.11 J,B		
MW-15(A)	MW-15(A)	10/20/2003								1.28		
MW-16(A)	MW-16(A)	10/20/2003	0.05 U	0.05 U				0.01 U		2 U B		
MW-16(A)	MW-16(A)	10/20/2003								0.35 U		
MW-16(A)	MW-16(A)	1/19/2004	0.05 U	0.05 U				0.01 U		0.28 J		
MW-16(A)	MW-16(A)	1/19/2004								0.15 U		
MW-16(A)	MW-16(A)	4/15/2004	0.05 U	0.05 U				0.01 U		0.86 J		
MW-16(A)	MW-16(A)	4/15/2004								0.45 U		
MW-16(A)	MW-16 (A)	7/22/2004	0.05 U	0.05 U				0.01 U		0.74		
MW-16(A)	MW-16 (A)	7/22/2004								0.49 J		

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	Naphthalene	Nitrobenzene	n-Nitrosodiphenylamine
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-17 (A)	BM-17 (A)	7/22/2004	0.05 U	0.05 U				0.01 U		0.68 J		
MW-17 (A)	BM-17 (A)	7/22/2004								0.246		
MW-17(A)	MW-17 (A)	10/17/2003	0.05 U	0.05 U				0.01 U		2.37		
MW-17(A)	MW-17 (A)	10/17/2003								4.88		
MW-17(A)	BM-17(A)	1/19/2004	0.05 U	0.05 U				0.01 U		19.5		
MW-17(A)	BM-17(A)	1/19/2004								0.125 U		
MW-17(A)	MW-17(A)	1/19/2004	0.05 U	0.05 U				0.01 U		19		
MW-17(A)	MW-17(A)	1/19/2004								0.25 U		
MW-17(A)	MW-17(A)	4/15/2004	0.05 U	0.05 U				0.01 U		15.6		
MW-17(A)	MW-17(A)	4/15/2004								5.04		
MW-17(A)	MW-17 (A)	7/22/2004	0.05 U	0.05 U				0.01 U		0.649		
MW-17(A)	MW-17 (A)	7/22/2004								0.66 J		
MW-18(A)	MW-18(A)	10/21/2003	0.05 U	0.22				0.01 U		4 U B		
MW-18(A)	MW-18(A)	10/21/2003								0.44		
MW-18(A)	MW-18(A)	1/19/2004	0.05 U	0.39				0.01 U		1.53 J		
MW-18(A)	MW-18(A)	1/19/2004								0.688		
MW-18(A)	MW-18(A)	4/15/2004	0.05 U	0.197				0.01 U		0.119		
MW-18(A)	MW-18(A)	4/15/2004								0.99 J		
MW-18(A)	MW-18 (A)	7/21/2004	0.05 U	0.113				0.01 U		0.52 J		
MW-18(A)	MW-18 (A)	7/21/2004								0.483		
MW-19(A)	BM-19(A)	10/20/2003	0.05 U	0.05 U				0.01 U		2 U		
MW-19(A)	BM-19(A)	10/20/2003								0.05 U		
MW-19(A)	MW-19(A)	10/20/2003	0.05 U	0.05 U				0.01 U		2 U		
MW-19(A)	MW-19(A)	10/20/2003								0.05 U		
MW-19(A)	MW-19 (A)	1/13/2004	0.05 U	0.05 U				0.01 U		0.05 U		
MW-19(A)	MW-19 (A)	1/13/2004								2 U		
MW-19(A)	MW-19(A)	4/15/2004	0.05 U	0.05 U				0.01 U		0.128		
MW-19(A)	MW-19(A)	4/15/2004								2 U		
MW-19(A)	BM-19 (A)	7/20/2004	0.05 U	0.05 U				0.01 U		0.168		
MW-19(A)	BM-19 (A)	7/20/2004								0.92 J		
MW-19(A)	MW-19 (A)	7/20/2004	0.05 U	0.05 U				0.01 U		1.09 J		
MW-19(A)	MW-19 (A)	7/20/2004								0.15		
MW-20(A)	MW-20(A)	10/20/2003	0.05 U	0.434				0.01 U		11.1		
MW-20(A)	MW-20(A)	10/20/2003								3.93		
MW-20(A)	MW-20 (A)	1/13/2004	0.05 U	0.527				0.01 U		9.6		
MW-20(A)	MW-20 (A)	1/13/2004								36.5		
MW-20(A)	MW-20(A)	4/15/2004	0.1 U	0.312				0.02 U		0.8 U		
MW-20(A)	MW-20(A)	4/15/2004								1.94		
MW-20(A)	MW-20 (A)	7/20/2004	0.1 U	0.504				0.02 U		2.77		
MW-20(A)	MW-20 (A)	7/20/2004								5.12		
MW-21(A)	MW-21(A)	10/20/2003	0.05 U	0.327				0.01 U		3.04		
MW-21(A)	MW-21(A)	10/20/2003								1.83		
MW-21(A)	BM-21 (A)	1/13/2004	0.05 U	0.374				0.01 U		1.75		
MW-21(A)	BM-21 (A)	1/13/2004								3.76		
MW-21(A)	MW-21 (A)	1/13/2004	0.05 U	0.256				0.01 U		0.765		
MW-21(A)	MW-21 (A)	1/13/2004								4.01		
MW-21(A)	MW-21(A)	4/16/2004	0.5 U	0.5 U				0.02 U		1.27		
MW-21(A)	MW-21(A)	4/16/2004								1.11 J		
MW-21(A)	MW-21 (A)	7/20/2004	0.05 U	0.516				0.01 U		2.96		
MW-21(A)	MW-21 (A)	7/20/2004								2.09		

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Fluoranthene ug/L	Fluorene ug/L	Hexachlorobenzene ug/L	Hexachlorocyclopentadiene ug/L	Hexachloroethane ug/L	Indeno(1,2,3-cd)pyrene ug/L	Isophorone ug/L	Naphthalene ug/L	Nitrobenzene ug/L	n-Nitrosodiphenylamine ug/L
MW-22(A)	MW-22 (A)	10/16/2003	0.05 U	0.05 U				0.01 U		2.61		
MW-22(A)	MW-22 (A)	10/16/2003								40.5		
MW-22(A)	MW-22(A)	1/19/2004	0.05 U	0.05 U				0.01 U		2 U		
MW-22(A)	MW-22(A)	1/19/2004								0.0931		
MW-22(A)	MW-22(A)	4/15/2004	0.05 U	0.05 U				0.01 U		0.0757		
MW-22(A)	MW-22(A)	4/15/2004								0.32		
MW-22(A)	MW-22 (A)	7/20/2004	0.05 U	0.05 U				0.01 U		0.93		
MW-22(A)	MW-22 (A)	7/20/2004								0.81 J		
MW-23(A)	MW-23(A)	10/20/2003	0.05 U	0.05 U				0.01 U		0.0617		
MW-23(A)	MW-23(A)	10/20/2003								2 U		
MW-23(A)	MW-23 (A)	1/15/2004	0.05 U	0.05 U				0.01 U		0.225 U		
MW-23(A)	MW-23 (A)	1/15/2004								2 U		
MW-23(A)	BM-23(A)	4/15/2004	0.05 U	0.05 U				0.01 U		1.21		
MW-23(A)	BM-23(A)	4/15/2004								7.47		
MW-23(A)	MW-23(A)	4/15/2004	0.05 U	0.05 U				0.01 U		9.17		
MW-23(A)	MW-23(A)	4/15/2004								1.14		
MW-23(A)	MW-23 (A)	7/20/2004	0.05 U	0.05 U				0.01 U		2 U		
MW-23(A)	MW-23 (A)	7/20/2004								0.0525		
MW-24(A)	MW-24(A)	10/21/2003	0.05 U	0.05 U				0.01 U		0.05 U		
MW-24(A)	MW-24(A)	10/21/2003								2 U B		
MW-24(A)	MW-24 (A)	1/15/2004	0.05 U	0.05 U				0.01 U		114		
MW-24(A)	MW-24 (A)	1/15/2004								44.6		
MW-24(A)	MW-24(A)	4/14/2004	0.05 U	0.05 U				0.01 U		20.8		
MW-24(A)	MW-24(A)	4/14/2004								40.9		
MW-24(A)	MW-24 (A)	7/22/2004	0.05 U	0.05 U				0.01 U		23		
MW-24(A)	MW-24 (A)	7/22/2004								13.4		
MW-26(A)	MW-26 (A)	10/17/2003	5 U	5 U				0.01 U		280		
MW-26(A)	MW-26 (A)	10/17/2003								107		
MW-26(A)	MW-26 (A)	1/15/2004	0.05 U	0.0718				0.01 U		564		
MW-26(A)	MW-26 (A)	1/15/2004								1030		
MW-26(A)	MW-26(A)	4/14/2004	0.05 U	0.0595				0.01 U		801		
MW-26(A)	MW-26(A)	4/14/2004								464		
MW-26(A)	MW-26 (A)	7/22/2004	2.5 U	2.5 U				0.5 U		869		
MW-26(A)	MW-26 (A)	7/22/2004								534		
MW-27(A)	MW-27(A)	10/21/2003	0.05 U	0.05 U				0.01 U		2 U		
MW-27(A)	MW-27(A)	10/21/2003								0.158		
MW-27(A)	MW-27 (A)	1/14/2004	0.05 U	0.05 U				0.01 U		2 U		
MW-27(A)	MW-27 (A)	1/14/2004								0.0512		
MW-27(A)	MW-27 (A)	4/14/2004	0.05 U	0.05 U				0.01 U		0.0763		
MW-27(A)	MW-27 (A)	4/14/2004								2 U		
MW-27(A)	MW-27 (A)	7/22/2004	0.05 U	0.05 U				0.01 U		2 U		
MW-27(A)	MW-27 (A)	7/22/2004								0.125 U		



TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	Naphthalene	Nitrobenzene	n-Nitrosodiphenylamine
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-28(A)	MW-28 (A)	10/17/2003	5 U	5 U				0.01 U		157		
MW-28(A)	MW-28 (A)	10/17/2003								112		
MW-28(A)	MW-28(A)	1/19/2004	0.05 U	0.076				0.01 U		398		
MW-28(A)	MW-28(A)	1/19/2004								78.4		
MW-28(A)	MW-28(A)	4/14/2004	0.05 U	0.0763				0.01 U		118		
MW-28(A)	MW-28(A)	4/14/2004								66.9		
MW-28(A)	MW-28 (A)	7/23/2004	0.5 U	0.5 U				0.1 U		68.6		
MW-28(A)	MW-28 (A)	7/23/2004								113		
MW-29(A)	MW-29(A)	10/21/2003	0.05 U	0.0811				0.01 U		1340		
MW-29(A)	MW-29(A)	10/21/2003								1640		
MW-29(A)	MW-29(A)	1/19/2004	0.05 U	0.101				0.01 U		1310		
MW-29(A)	MW-29(A)	1/19/2004								867		
MW-29(A)	MW-29(A)	4/16/2004	0.1 U	0.1 U				0.02 U		1000		
MW-29(A)	MW-29(A)	4/16/2004								806		
MW-29(A)	MW-29 (A)	7/22/2004	2.5 U	2.5 U				0.5 U		1360		
MW-29(A)	MW-29 (A)	7/22/2004								1040		
MW-30(A)	MW-30 (A)	10/16/2003	0.05 U	0.0569				0.01 U		531		
MW-30(A)	MW-30 (A)	10/16/2003								1130		
MW-30(A)	MW-30 (A)	1/16/2004	0.05 U	0.0613				0.01 U		1200		
MW-30(A)	MW-30 (A)	1/16/2004								696		
MW-30(A)	MW-30 (A)	4/13/2004	0.05 U	0.05 U				0.01 U		1030		
MW-30(A)	MW-30 (A)	4/13/2004								381		
MW-30(A)	MW-30 (A)	7/20/2004	0.05 U	0.0577				0.01 U		1240		
MW-30(A)	MW-30 (A)	7/20/2004								1130		
MW-31(A)	BM-31 (A)	10/16/2003	0.05 U	0.0515				0.01 U		15.3	J	
MW-31(A)	BM-31 (A)	10/16/2003								8.36		
MW-31(A)	MW-31 (A)	10/16/2003	0.05 U	0.0582				0.01 U		10		
MW-31(A)	MW-31 (A)	10/16/2003								16.2		
MW-31(A)	MW-31 (A)	1/12/2004	0.05 U	0.0661				0.01 U		9.96		
MW-31(A)	MW-31 (A)	1/12/2004								13.5		
MW-31(A)	BM-31 (A)	4/13/2004	0.05 U	0.05 U				0.01 U		116		
MW-31(A)	BM-31 (A)	4/13/2004								67.6		
MW-31(A)	MW-31 (A)	4/13/2004	0.1 U	0.1 U				0.02 U		64.1		
MW-31(A)	MW-31 (A)	4/13/2004								145		
MW-31(A)	MW-31 (A)	7/20/2004	0.05 U	0.05 U				0.01 U		167		
MW-31(A)	MW-31 (A)	7/20/2004								191		
MW-32(A)	MW-32(A)	10/14/2003	0.05 U	0.05 U				0.01 U		2 U		
MW-32(A)	MW-32(A)	10/14/2003								0.05 U		
MW-32(A)	MW-32 (A)	1/12/2004	0.05 U	0.05 U				0.01 U		0.05 U		
MW-32(A)	MW-32 (A)	1/12/2004								2 U		
MW-32(A)	MW-32 (A)	4/13/2004	0.05 U	0.05 U				0.01 U		0.075 U		
MW-32(A)	MW-32 (A)	4/13/2004								2 U		
MW-32(A)	MW-32 (A)	7/19/2004	0.05 U	0.05 U				0.01 U		2 U		
MW-32(A)	MW-32 (A)	7/19/2004								0.05 U		

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Fluoranthene ug/L	Fluorene ug/L	Hexachlorobenzene ug/L	Hexachlorocyclopentadiene ug/L	Hexachloroethane ug/L	Indeno(1,2,3-cd)pyrene ug/L	Isophorone ug/L	Naphthalene ug/L	Nitrobenzene ug/L	n-Nitrosodiphenylamine ug/L
MW-33(A)	MW-33(A)	10/14/2003	0.05 U	0.05 U				0.01 U		2 U		
MW-33(A)	MW-33(A)	10/14/2003								0.07 U		
MW-33(A)	MW-33 (A)	1/12/2004	0.05 U	0.05 U				0.01 U		0.175 U	B	
MW-33(A)	MW-33 (A)	1/12/2004								0.19	J	
MW-33(A)	MW-33 (A)	4/13/2004	0.05 U	0.05 U				0.01 U		2 U		
MW-33(A)	MW-33 (A)	4/13/2004								0.65 U		
MW-33(A)	MW-33 (A)	7/19/2004	0.05 U	0.05 U				0.01 U		2 U		
MW-33(A)	MW-33 (A)	7/19/2004								0.825 U		
MW-34(A)	MW-34(A)	10/14/2003	0.05 U	0.05 U				0.01 U		2 U		
MW-34(A)	MW-34(A)	10/14/2003								0.0623		
MW-34(A)	MW-34 (A)	1/13/2004	0.05 U	0.05 U				0.01 U		0.116		
MW-34(A)	MW-34 (A)	1/13/2004								2 U		
MW-34(A)	MW-34 (A)	4/14/2004	0.05 U	0.05 U				0.01 U		0.162		
MW-34(A)	MW-34 (A)	4/14/2004								2 U		
MW-34(A)	MW-34 (A)	7/20/2004	0.05 U	0.05 U				0.012		2 U		
MW-34(A)	MW-34 (A)	7/20/2004								0.05 U		
MW-35(A)	MW-35 (A)	10/16/2003	0.05 U	0.05 U				0.01 U		1.04	J	
MW-35(A)	MW-35 (A)	10/16/2003								0.124		
MW-35(A)	MW-35 (A)	1/16/2004	0.05 U	0.05 U				0.01 U		0.31	J	
MW-35(A)	MW-35 (A)	1/16/2004								0.349		
MW-35(A)	MW-35 (A)	4/13/2004	0.05 U	0.05 U				0.01 U		0.05 U		
MW-35(A)	MW-35 (A)	4/13/2004								2 U		
MW-35(A)	MW-35 (A)	7/20/2004	0.05 U	0.05 U				0.01 U		2 U		
MW-35(A)	MW-35 (A)	7/20/2004								0.05 U		
MW-36(A)	MW-36(A)	10/21/2003	0.05 U	0.05 U				0.01 U		2 U		
MW-36(A)	MW-36(A)	10/21/2003								0.05 U		
MW-36(A)	MW-36 (A)	1/14/2004	0.05 U	0.05 U				0.01 U		0.68	J	
MW-36(A)	MW-36 (A)	1/14/2004								0.05 U		
MW-36(A)	MW-36 (A)	4/14/2004	0.05 U	0.05 U				0.01 U		0.84	J	
MW-36(A)	MW-36 (A)	4/14/2004								0.214		
MW-36(A)	MW-36 (A)	7/22/2004	0.05 U	0.05 U				0.01 U		0.05 U		
MW-36(A)	MW-36 (A)	7/22/2004	0.05 U	0.05 U				0.01 U		0.05 U		
MW-36(A)	MW-36 (A)	7/22/2004								2 U		
MW-37(A)	MW-37 (A)	10/17/2003	0.05 U	0.05 U				0.01 U		21.5		
MW-37(A)	MW-37 (A)	10/17/2003								11.1		
MW-38(A)	MW-38(A)	10/21/2003	0.05 U	0.05 U				0.01 U		2 U		
MW-38(A)	MW-38(A)	10/21/2003								0.05 U		
MW-38(A)	MW-38 (A)	1/14/2004	0.05 U	0.05 U				0.01 U		2 U	B	
MW-38(A)	MW-38 (A)	1/14/2004								0.121		

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	Naphthalene	Nitrobenzene	n-Nitrosodiphenylamine
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-38(A)	MW-38 (A)	4/14/2004	0.05 U	0.05 U				0.01 U		0.5 J		
MW-38(A)	MW-38 (A)	4/14/2004								0.05 U		
MW-38(A)	MW-38 (A)	7/22/2004	0.05 U	0.05 U				0.01 U		0.48 J		
MW-38(A)	MW-38 (A)	7/22/2004								0.05 U		
MW-39(A)	MW-39 (A)	10/16/2003	0.05 U	2.24				0.01 U		17.7		
MW-39(A)	MW-39 (A)	10/16/2003								22.8		
MW-39(A)	MW-39 (A)	1/16/2004	0.05 U	1.04				0.01 U		23.4		
MW-39(A)	MW-39 (A)	1/16/2004								17.3		
MW-39(A)	MW-39 (A)	4/14/2004	0.05 U	0.633				0.01 U		18.7		
MW-39(A)	MW-39 (A)	4/14/2004								4.14		
MW-39(A)	MW-39 (A)	7/21/2004	0.05 U	1.67				0.01 U		13.8		
MW-39(A)	MW-39 (A)	7/21/2004								10.7		
MW-39(A)	Trip Blank	7/21/2004								2 U		
MW-39(A)	Trip Blank	7/22/2004								2 U		
MW-40(A)	MW-40 (A)	10/17/2003	0.05 U	0.618				0.01 U		82.5		
MW-40(A)	MW-40 (A)	10/17/2003								43.8		
MW-40(A)	MW-40 (A)	1/20/2004	0.1 U	0.72				0.02 U		1220		
MW-40(A)	MW-40 (A)	1/20/2004								682		
MW-40(A)	MW-40 (A)	4/16/2004	0.2 U	1.16				0.04 U		1500		
MW-40(A)	MW-40 (A)	4/16/2004								850		
MW-41(A)	MW-41 (A)	10/14/2003	1.25 U	4.97				0.01 U		105		
MW-41(A)	MW-41 (A)	10/14/2003								82.3		
MW-42(A)	MW-42 (A)	10/15/2003	0.05 U	2.56				0.01 U		190		
MW-42(A)	MW-42 (A)	10/15/2003								141		
MW-43(A)	MW-43 (A)	10/13/2003	0.05 U	0.05 U				0.01 U		2 U		
MW-43(A)	MW-43 (A)	10/13/2003								0.05 U		
MW-43(A)	MW-43 (A)	1/12/2004	0.05 U	0.05 U				0.01 U		2 U		
MW-43(A)	MW-43 (A)	1/12/2004								0.05 U		
MW-43(A)	MW-43 (A)	4/13/2004	0.05 U	0.05 U				0.01 U		2 U		
MW-43(A)	MW-43 (A)	4/13/2004								0.05 U		
MW-43(A)	MW-43 (A)	7/21/2004	0.05 U	0.05 U				0.01 U		0.0605		
MW-43(A)	MW-43 (A)	7/21/2004								2 U		
MW-44(A)	MW-44 (A)	10/17/2003	0.05 U	0.362				0.01 U		1050		
MW-44(A)	MW-44 (A)	10/17/2003								696		

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Fluoranthene ug/L	Fluorene ug/L	Hexachlorobenzene ug/L	Hexachlorocyclopentadiene ug/L	Hexachloroethane ug/L	Indeno(1,2,3-cd)pyrene ug/L	Isophorone ug/L	Naphthalene ug/L	Nitrobenzene ug/L	n-Nitrosodiphenylamine ug/L
MW-45(A)	MW-45 (A)	10/16/2003	0.05 U	0.05 U				0.01 U		1.11 J		
MW-45(A)	MW-45 (A)	10/16/2003								0.0896		
MW-45(A)	MW-45 (A)	1/16/2004	0.05 U	0.05 U				0.01 U		2 U		
MW-45(A)	MW-45 (A)	1/16/2004								0.05 U		
MW-45(A)	MW-45 (A)	4/14/2004	0.05 U	0.05 U				0.01 U		2 U		
MW-45(A)	MW-45 (A)	4/14/2004								0.0798		
MW-45(A)	MW-45 (A)	7/21/2004	0.05 U	0.05 U				0.01 U		2 U		
MW-45(A)	MW-45 (A)	7/21/2004								0.225 U		
MW-46(A)	MW-46(A)	10/14/2003	0.05 U	0.05 U				0.01 U		2 U		
MW-46(A)	MW-46(A)	10/14/2003								0.05 U		
MW-46(A)	MW-46(A)	1/14/2004	0.05 U	0.05 U				0.01 U		0.05 U		
MW-46(A)	MW-46(A)	1/14/2004								2 U		
MW-46(A)	MW-46 (A)	4/12/2004	0.05 U	0.05 U				0.01 U		2 U		
MW-46(A)	MW-46 (A)	4/12/2004								0.0526		
MW-46(A)	MW-46 (A)	7/21/2004	0.05 U	0.05 U				0.01 U		0.05 U		
MW-46(A)	MW-46 (A)	7/21/2004								2 U		
MW-47(A)	MW-47(A)	10/13/2003	0.05 U	0.05 U				0.01 U		2 U		
MW-47(A)	MW-47(A)	10/13/2003								0.05 U		
MW-47(A)	MW-47 (A)	1/14/2004	0.05 U	0.05 U				0.01 U		0.0783		
MW-47(A)	MW-47 (A)	1/14/2004								2 U		
MW-47(A)	MW-47 (A)	4/12/2004	0.05 U	0.05 U				0.01 U		2 U		
MW-47(A)	MW-47 (A)	4/12/2004								0.05 U		
MW-47(A)	MW-47 (A)	7/21/2004	0.05 U	0.05 U				0.01 U		0.05 U		
MW-47(A)	MW-47 (A)	7/21/2004								2 U		
MW-48(A)	MW-48(A)	10/14/2003	0.123	0.204				0.01 U		0.76 J		
MW-48(A)	MW-48(A)	10/14/2003								0.538		
MW-48(A)	MW-48 (A)	1/14/2004	0.05 U	0.0763				0.01 U		0.397		
MW-48(A)	MW-48 (A)	1/14/2004								2 U		
MW-48(A)	MW-48 (A)	4/12/2004	0.0507	0.0569				0.01 U		0.244		
MW-48(A)	MW-48 (A)	4/12/2004								2 U		
MW-48(A)	MW-48 (A)	7/21/2004	0.106	0.0602				0.014		2 U		
MW-48(A)	MW-48 (A)	7/21/2004								0.457		
R-1(M)	R-1(M)	10/22/2003	0.05 U	0.05 U				0.01 U		2 U B		
R-1(M)	R-1(M)	10/22/2003								0.0972		
TW-100(C)	SB100(C)W	8/22/2002	0.05 U	0.05 U				0.01 U		0.5 U		
TW-100(C)	SB100(C)W	8/22/2002								0.05 U		
TW-103(C)	SB103(C)W	8/22/2002								0.5 U		
TW-104(C)	SB104(C)W	8/22/2002								0.5 U		

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Fluoranthene ug/L	Fluorene ug/L	Hexachlorobenzene ug/L	Hexachlorocyclopentadiene ug/L	Hexachloroethane ug/L	Indeno(1,2,3-cd)pyrene ug/L	Isophorone ug/L	Naphthalene ug/L	Nitrobenzene ug/L	n-Nitrosodiphenylamine ug/L
TW-200(C)	SB200(C)W	8/22/2002	0.05 U	0.05 U				0.01 U		0.5 U		
TW-200(C)	SB200(C)W	8/22/2002								0.05 U		
TW-201(C)	SB201(C)W	8/22/2002	0.05 U	0.05 U				0.01 U		0.5 U		
TW-201(C)	SB201(C)W	8/22/2002								0.05 U		
TW-202(C)	SB202(C)W	8/22/2002	0.05 U	0.255				0.01 U		0.5 U		
TW-202(C)	SB202(C)W	8/22/2002								0.2 U		
TW-203(C)	SB203(C)W	8/22/2002	0.05 U	0.05 U				0.01 U		0.5 U		
TW-203(C)	SB203(C)W	8/22/2002								0.3 U		
TW-204(C)	SB204(C)W	8/22/2002	0.05 U	0.05 U				0.01 U		0.5 U		
TW-204(C)	SB204(C)W	8/22/2002								0.05 U		
TW-204(C)	SB204(C)W2	8/22/2002	0.05 U	0.05 U				0.01 U		0.5 U		
TW-204(C)	SB204(C)W2	8/22/2002								0.05 U		
TW-304(D)	SB-304-D-9.0	8/19/2002	0.05 U	5 U				0.01 U		6.27		
TW-304(D)	SB-304-D-9.0 DUP	8/19/2002	0.05 U	5 U				0.01 U		5.37		
TW-305(D)	SB-305-D-9.0	8/19/2002	2.5 U	17.2				0.5 U		447		
TW-305(D)	SB-305-D-9.0	8/19/2002								220		
TW-306(D)	SB-306-D-9.0	8/19/2002	0.05 U	1.59				0.01 U		3.49		
TW-307(D)	SB-307-D-9.0	8/19/2002	5 U	5 U				0.01 U		68.5		
TW-309(D)	SB-309-D-9.0	8/19/2002	0.05 U	0.05 U				0.01 U		0.47 U		
TW-309(D)	SB-309-D-9.0	8/19/2002								0.066		
TW-311(D)	SB-311-D-10.0	8/19/2002	0.05 U	0.05 U				0.01 U		0.901		
TW-312(D)	SB-312-D-10.0	8/19/2002	0.05 U	0.05 U				0.01 U		2 U		
TW-312(D)	SB-312-D-10.0	8/19/2002								0.05 U		
TW-313(D)	TW-313-D-22.0	8/20/2002	0.05 U	0.05 U				0.01 U		58.7		
TW-314(D)	TW-314-D-22.0	8/20/2002	0.05 U	0.05 U				0.01 U		13.3		
TW-318(D)	TW-318-D-22.0	8/20/2002	0.05 U	0.05 U				0.01 U		0.15 U		
TW-318(D)	TW-318-D-22.0	8/20/2002								0.25		
TW-319(D)	SB-319-D-14.0	8/19/2002	0.05 U	0.05 U				0.01 U		0.05 U		
TW-400(F)	TW-400(F)	8/22/2002	0.05 U	0.05 U				0.01 U		0.05 U		
TW-600(N)	TW-600(N)	9/13/2002	0.05 U	0.0613				0.25 U		232		
TW-600(N)	TW-600(N)	9/13/2002								175		
TW-601(N)	TW-601(N)	9/13/2002	0.05 U	0.0613				0.01 U		94.6		
TW-601(N)	TW-601(N)	9/13/2002								73.2		
TW-602(N)	BT-602(N)	9/13/2002	0.05 U	0.05 U				0.01 U		2 U		
TW-602(N)	BT-602(N)	9/13/2002								0.392		
TW-602(N)	TW-602(N)	9/13/2002	0.05 U	0.05 U				0.01 U		2 U		
TW-602(N)	TW-602(N)	9/13/2002								1.51		

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	Naphthalene	Nitrobenzene	n-Nitrosodiphenylamine
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
TW-603(N)	TW-603(N)	9/13/2002	0.05 U	0.0566				0.01 U		2 U		
TW-603(N)	TW-603(N)	9/13/2002								9.92		
TW-608(N)	TW-608 (N)	9/13/2002	0.05 U	0.05 U				0.01 U		2 U		
TW-608(N)	TW-608 (N)	9/13/2002								0.05 U		
TW-612(N)	TW-612(N)	9/12/2002	0.05 U	1.3				0.05 U		100 U		
TW-612(N)	TW-612(N)	9/12/2002								22.9		
TW-616(N)	TW-616(N)	9/12/2002	0.05 U	0.05 U				0.01 U		2 U		
TW-616(N)	TW-616(N)	9/12/2002								0.339		
TW-619(N)	TW-619(N)	9/12/2002	0.05 U	0.0906				0.01 U		34		
TW-619(N)	TW-619(N)	9/12/2002								28		
TW-623(N)	TW-623(N)	9/12/2002	0.05 U	0.353				0.01 U		21.6		
TW-623(N)	TW-623(N)	9/12/2002								12.3		
TW-624(N)	TW-624(N)	9/12/2002	5 U	5 U	5 U	10 U	10 U	5 U	5 U	55.9	5 U	5 U
TW-624(N)	TW-624(N)	9/12/2002								5 U		
TW-625(N)	BT-625(N)	9/12/2002	0.05 U	0.05 U				0.01 U		0.05 U		
TW-625(N)	TW-625(N)	9/12/2002	0.05 U	0.05 U				0.01 U		0.05 U		
TW-700(P)	TW-700(P)	8/21/2002	1 U J	1 U J				1 U J		459		
TW-700(P)	TW-700(P)	8/21/2002								41 J		
TW-701(P)	TW-701(P)	8/20/2002								236		
TW-702(P)	TW-702(P)	8/21/2002	0.05 U J	0.05 U J				0.01 U J		0.5 U		
TW-702(P)	TW-702(P)	8/21/2002								0.05 U J		
TW-703(P)	TW-703(P)	8/21/2002								4.24		
TW-704(P)	TW-704(P)	8/21/2002								3.23		
TW-705(P)	TW-705(P)	8/20/2002	0.0571 U J	0.0571 U J				0.0114 U J		0.0571 U J		
TW-706(P)	TW-706(P)	8/21/2002								94.3		
TW-707(P)	TW-707(P)	8/21/2002								0.5 U		
TW-708(P)	BT-708(P)	8/20/2002	2 U J	2 U J				0.01 U J		6.42 JB		
TW-708(P)	BT-708(P)	8/20/2002								10.1		
TW-708(P)	TW-708(P)	8/20/2002	2.5 U J	2.5 U J				2.5 U J		20 U		
TW-708(P)	TW-708(P)	8/20/2002								6.44 J		
TW-709(P)	TW-709(P)	8/21/2002								0.5 U		
TW-710(P)	TW-710(P)	8/21/2002	0.05 U J	0.05 U J				0.01 U J		0.5 U		
TW-710(P)	TW-710(P)	8/21/2002								0.05 U J		
TW-711(P)	BT-711(P)	8/21/2002								0.5 U		
TW-711(P)	TW-711(P)	8/21/2002								0.5 U		

TABLE D-14

## SVOCs IN GROUND WATER

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

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

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Pentachlorophenol ug/L	Phenanthrene ug/L	Phenol ug/L	Pyrene ug/L
MW-1(F)	MW-1-082302	8/23/2002		0.05 U		0.05 U
MW-1(F)	MW-1-082302	8/23/2002				
MW-1(F)	MW-1(F)	10/22/2003		0.05 U		0.05 U
MW-1(F)	MW-1(F)	10/22/2003				
MW-1(F)	MW-1 (F)	1/15/2004		0.0523		0.05 U
MW-1(F)	MW-1 (F)	1/15/2004				
MW-1(F)	MW-1(F)	4/15/2004		0.05 U		0.05 U
MW-1(F)	MW-1(F)	4/15/2004				
MW-1(F)	MW-1 (F)	7/20/2004		0.05 U		0.05 U
MW-1(F)	MW-1 (F)	7/20/2004				
MW-2(M)	MW-2(M)	6/19/2003		1.45		0.5 U
MW-2(M)	MW-2(M)	6/19/2003				
MW-2(M)	MW-2 (M)	10/15/2003		1.07		0.051
MW-2(M)	MW-2 (M)	10/15/2003				
MW-2(M)	MW-2 (M)	1/12/2004		0.669		0.1 U
MW-2(M)	MW-2 (M)	1/12/2004				
MW-2(M)	MW-2(M)	4/14/2004		0.748		0.5 U
MW-2(M)	MW-2(M)	4/14/2004				
MW-2(M)	MW-2 (M)	7/22/2004		1.55		0.5 U
MW-2(M)	MW-2 (M)	7/22/2004				
MW-6(M)	MW-6(M)	6/19/2003		0.1 U		0.1 U
MW-6(M)	MW-6(M)	6/19/2003				
MW-6(M)	MW-6(M)	10/22/2003		0.05 U		0.05 U
MW-6(M)	MW-6(M)	10/22/2003				
MW-6(M)	MW-6 (M)	1/12/2004		0.05 U		0.05 U
MW-6(M)	MW-6 (M)	1/12/2004				
MW-6(M)	MW-6 (M)	4/13/2004		0.05 U		0.05 U
MW-6(M)	MW-6 (M)	4/13/2004				
MW-6(M)	MW-6 (M)	7/19/2004		0.05 U		0.05 U
MW-6(M)	MW-6 (M)	7/19/2004				
MW-7(M)	BM-7(M)	6/19/2003		0.1 U		0.1 U
MW-7(M)	BM-7(M)	6/19/2003				
MW-7(M)	MW-7(M)	6/19/2003		0.1 U		0.1 U
MW-7(M)	MW-7(M)	6/19/2003				
MW-7(M)	MW-7(M)	10/13/2003		0.05 U		0.05 U
MW-7(M)	MW-7(M)	10/13/2003				
MW-7(M)	MW-7 (M)	1/12/2004		0.05 U		0.05 U
MW-7(M)	MW-7 (M)	1/12/2004				
MW-7(M)	MW-7 (M)	4/12/2004		0.05 U		0.05 U
MW-7(M)	MW-7 (M)	4/12/2004				
MW-7(M)	MW-7 (M)	7/19/2004		0.05 U		0.05 U
MW-7(M)	MW-7 (M)	7/19/2004				
MW-10(M)	MW-10(M)	6/19/2003		0.5 U		0.5 U
MW-10(M)	MW-10(M)	6/19/2003				
MW-10(M)	MW-10 (M)	10/15/2003		0.104		0.0589
MW-10(M)	MW-10 (M)	10/15/2003				
MW-10(M)	MW-10 (M)	1/13/2004		0.05 U		0.05 U
MW-10(M)	MW-10 (M)	1/13/2004				
MW-10(M)	MW-10 (M)	4/13/2004		0.1 U		0.1 U
MW-10(M)	MW-10 (M)	4/13/2004				
MW-10(M)	MW-10 (M)	7/19/2004		0.05 U		0.05 U
MW-10(M)	MW-10 (M)	7/19/2004				



TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Pentachlorophenol ug/L	Phenanthrene ug/L	Phenol ug/L	Pyrene ug/L
MW-11(M)	MW-11(M)	6/19/2003		0.1 U		0.1 U
MW-11(M)	MW-11(M)	6/19/2003				
MW-11(M)	MW-11 (M)	10/15/2003		0.05 U		0.05 U
MW-11(M)	MW-11 (M)	10/15/2003				
MW-11(M)	MW-11 (M)	1/13/2004		0.05 U		0.05 U
MW-11(M)	MW-11 (M)	1/13/2004				
MW-11(M)	MW-11 (M)	4/13/2004		0.05 U		0.05 U
MW-11(M)	MW-11 (M)	4/13/2004				
MW-11(M)	MW-11 (M)	7/21/2004		0.05 U		0.05 U
MW-11(M)	MW-11 (M)	7/21/2004				
MW-12(A)	MW-12(A)	10/22/2003		0.05 U		0.05 U
MW-12(A)	MW-12(A)	10/22/2003				
MW-12(A)	MW-12 (A)	1/15/2004		0.05 U		0.05 U
MW-12(A)	MW-12 (A)	1/15/2004				
MW-12(A)	MW-12(A)	4/16/2004		0.05 U		0.05 U
MW-12(A)	MW-12(A)	4/16/2004				
MW-12(A)	MW-12 (A)	7/22/2004		0.05 U		0.05 U
MW-12(A)	MW-12 (A)	7/22/2004				
MW-13(A)	MW-13(A)	10/22/2003		0.05 U		0.05 U
MW-13(A)	MW-13(A)	10/22/2003				
MW-13(A)	MW-13 (A)	1/15/2004		0.1 U		0.1 U
MW-13(A)	MW-13 (A)	1/15/2004				
MW-13(A)	MW-13(A)	4/16/2004		0.1 U		0.1 U
MW-13(A)	MW-13(A)	4/16/2004				
MW-13(A)	MW-13 (A)	7/22/2004		0.5 U		0.5 U
MW-13(A)	MW-13 (A)	7/22/2004				
MW-14(A)	MW-14(A)	10/21/2003		0.05 U		0.05 U
MW-14(A)	MW-14(A)	10/21/2003				
MW-14(A)	MW-14 (A)	1/15/2004		0.05 U		0.05 U
MW-14(A)	MW-14 (A)	1/15/2004				
MW-14(A)	MW-14(A)	4/16/2004		0.05 U		0.05 U
MW-14(A)	MW-14(A)	4/16/2004				
MW-14(A)	MW-14 (A)	7/23/2004		0.05 U		0.05 U
MW-14(A)	MW-14 (A)	7/23/2004				
MW-15(A)	MW-15(A)	10/20/2003		0.106		0.05 U
MW-15(A)	MW-15(A)	10/20/2003				
MW-16(A)	MW-16(A)	10/20/2003		0.05 U		0.05 U
MW-16(A)	MW-16(A)	10/20/2003				
MW-16(A)	MW-16(A)	1/19/2004		0.05 U		0.05 U
MW-16(A)	MW-16(A)	1/19/2004				
MW-16(A)	MW-16(A)	4/15/2004		0.05 U		0.05 U
MW-16(A)	MW-16(A)	4/15/2004				
MW-16(A)	MW-16 (A)	7/22/2004		0.05 U		0.05 U
MW-16(A)	MW-16 (A)	7/22/2004				

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Pentachlorophenol ug/L	Phenanthrene ug/L	Phenol ug/L	Pyrene ug/L
MW-17 (A)	BM-17 (A)	7/22/2004		0.05 U		0.05 U
MW-17 (A)	BM-17 (A)	7/22/2004				
MW-17(A)	MW-17 (A)	10/17/2003		0.05 U		0.05 U
MW-17(A)	MW-17 (A)	10/17/2003				
MW-17(A)	BM-17(A)	1/19/2004		0.05 U		0.05 U
MW-17(A)	BM-17(A)	1/19/2004				
MW-17(A)	MW-17(A)	1/19/2004		0.05 U		0.05 U
MW-17(A)	MW-17(A)	1/19/2004				
MW-17(A)	MW-17(A)	4/15/2004		0.05 U		0.05 U
MW-17(A)	MW-17(A)	4/15/2004				
MW-17(A)	MW-17 (A)	7/22/2004		0.05 U		0.05 U
MW-17(A)	MW-17 (A)	7/22/2004				
MW-18(A)	MW-18(A)	10/21/2003		0.05 U		0.05 U
MW-18(A)	MW-18(A)	10/21/2003				
MW-18(A)	MW-18(A)	1/19/2004		0.05 U		0.05 U
MW-18(A)	MW-18(A)	1/19/2004				
MW-18(A)	MW-18(A)	4/15/2004		0.05 U		0.05 U
MW-18(A)	MW-18(A)	4/15/2004				
MW-18(A)	MW-18 (A)	7/21/2004		0.05 U		0.05 U
MW-18(A)	MW-18 (A)	7/21/2004				
MW-19(A)	BM-19(A)	10/20/2003		0.05 U		0.05 U
MW-19(A)	BM-19(A)	10/20/2003				
MW-19(A)	MW-19(A)	10/20/2003		0.05 U		0.05 U
MW-19(A)	MW-19(A)	10/20/2003				
MW-19(A)	MW-19 (A)	1/13/2004		0.05 U		0.05 U
MW-19(A)	MW-19 (A)	1/13/2004				
MW-19(A)	MW-19(A)	4/15/2004		0.05 U		0.05 U
MW-19(A)	MW-19(A)	4/15/2004				
MW-19(A)	BM-19 (A)	7/20/2004		0.05 U		0.05 U
MW-19(A)	BM-19 (A)	7/20/2004				
MW-19(A)	MW-19 (A)	7/20/2004		0.05 U		0.05 U
MW-19(A)	MW-19 (A)	7/20/2004				
MW-20(A)	MW-20(A)	10/20/2003		0.0697		0.05 U
MW-20(A)	MW-20(A)	10/20/2003				
MW-20(A)	MW-20 (A)	1/13/2004		0.0981		0.05 U
MW-20(A)	MW-20 (A)	1/13/2004				
MW-20(A)	MW-20(A)	4/15/2004		0.1 U		0.1 U
MW-20(A)	MW-20(A)	4/15/2004				
MW-20(A)	MW-20 (A)	7/20/2004		0.128		0.1 U
MW-20(A)	MW-20 (A)	7/20/2004				
MW-21(A)	MW-21(A)	10/20/2003		0.09 U		0.05 U
MW-21(A)	MW-21(A)	10/20/2003				
MW-21(A)	BM-21 (A)	1/13/2004		0.0902		0.05 U
MW-21(A)	BM-21 (A)	1/13/2004				
MW-21(A)	MW-21 (A)	1/13/2004		0.05 U		0.05 U
MW-21(A)	MW-21 (A)	1/13/2004				
MW-21(A)	MW-21(A)	4/16/2004		0.5 U		0.1 U
MW-21(A)	MW-21(A)	4/16/2004				
MW-21(A)	MW-21 (A)	7/20/2004		0.108		0.05 U
MW-21(A)	MW-21 (A)	7/20/2004				

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Pentachlorophenol ug/L	Phenanthrene ug/L	Phenol ug/L	Pyrene ug/L
MW-22(A)	MW-22 (A)	10/16/2003		0.05 U		0.05 U
MW-22(A)	MW-22 (A)	10/16/2003				
MW-22(A)	MW-22(A)	1/19/2004		0.05 U		0.05 U
MW-22(A)	MW-22(A)	1/19/2004				
MW-22(A)	MW-22(A)	4/15/2004		0.05 U		0.05 U
MW-22(A)	MW-22(A)	4/15/2004				
MW-22(A)	MW-22 (A)	7/20/2004		0.05 U		0.05 U
MW-22(A)	MW-22 (A)	7/20/2004				
MW-23(A)	MW-23(A)	10/20/2003		0.05 U		0.05 U
MW-23(A)	MW-23(A)	10/20/2003				
MW-23(A)	MW-23 (A)	1/15/2004		0.05 U		0.05 U
MW-23(A)	MW-23 (A)	1/15/2004				
MW-23(A)	BM-23(A)	4/15/2004		0.05 U		0.05 U
MW-23(A)	BM-23(A)	4/15/2004				
MW-23(A)	MW-23(A)	4/15/2004		0.05 U		0.05 U
MW-23(A)	MW-23(A)	4/15/2004				
MW-23(A)	MW-23 (A)	7/20/2004		0.05 U		0.05 U
MW-23(A)	MW-23 (A)	7/20/2004				
MW-24(A)	MW-24(A)	10/21/2003		0.05 U		0.05 U
MW-24(A)	MW-24(A)	10/21/2003				
MW-24(A)	MW-24 (A)	1/15/2004		0.05 U		0.05 U
MW-24(A)	MW-24 (A)	1/15/2004				
MW-24(A)	MW-24(A)	4/14/2004		0.05 U		0.05 U
MW-24(A)	MW-24(A)	4/14/2004				
MW-24(A)	MW-24 (A)	7/22/2004		0.05 U		0.05 U
MW-24(A)	MW-24 (A)	7/22/2004				
MW-26(A)	MW-26 (A)	10/17/2003		5 U		0.05 U
MW-26(A)	MW-26 (A)	10/17/2003				
MW-26(A)	MW-26 (A)	1/15/2004		0.05 U		0.05 U
MW-26(A)	MW-26 (A)	1/15/2004				
MW-26(A)	MW-26(A)	4/14/2004		0.05 U		0.05 U
MW-26(A)	MW-26(A)	4/14/2004				
MW-26(A)	MW-26 (A)	7/22/2004		2.5 U		2.5 U
MW-26(A)	MW-26 (A)	7/22/2004				
MW-27(A)	MW-27(A)	10/21/2003		0.05 U		0.05 U
MW-27(A)	MW-27(A)	10/21/2003				
MW-27(A)	MW-27 (A)	1/14/2004		0.05 U		0.05 U
MW-27(A)	MW-27 (A)	1/14/2004				
MW-27(A)	MW-27 (A)	4/14/2004		0.05 U		0.05 U
MW-27(A)	MW-27 (A)	4/14/2004				
MW-27(A)	MW-27 (A)	7/22/2004		0.05 U		0.05 U
MW-27(A)	MW-27 (A)	7/22/2004				

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Pentachlorophenol ug/L	Phenanthrene ug/L	Phenol ug/L	Pyrene ug/L
MW-28(A)	MW-28 (A)	10/17/2003		5 U		0.05 U
MW-28(A)	MW-28 (A)	10/17/2003				
MW-28(A)	MW-28(A)	1/19/2004		0.07		0.05 U
MW-28(A)	MW-28(A)	1/19/2004				
MW-28(A)	MW-28(A)	4/14/2004		0.0564		0.05 U
MW-28(A)	MW-28(A)	4/14/2004				
MW-28(A)	MW-28 (A)	7/23/2004		0.5 U		0.5 U
MW-28(A)	MW-28 (A)	7/23/2004				
MW-29(A)	MW-29(A)	10/21/2003		0.0638		0.05 U
MW-29(A)	MW-29(A)	10/21/2003				
MW-29(A)	MW-29(A)	1/19/2004		0.0802		0.05 U
MW-29(A)	MW-29(A)	1/19/2004				
MW-29(A)	MW-29(A)	4/16/2004		0.1 U		0.1 U
MW-29(A)	MW-29(A)	4/16/2004				
MW-29(A)	MW-29 (A)	7/22/2004		2.5 U		2.5 U
MW-29(A)	MW-29 (A)	7/22/2004				
MW-30(A)	MW-30 (A)	10/16/2003		0.05 U		0.05 U
MW-30(A)	MW-30 (A)	10/16/2003				
MW-30(A)	MW-30 (A)	1/16/2004		0.05 U		0.05 U
MW-30(A)	MW-30 (A)	1/16/2004				
MW-30(A)	MW-30 (A)	4/13/2004		0.05 U		0.05 U
MW-30(A)	MW-30 (A)	4/13/2004				
MW-30(A)	MW-30 (A)	7/20/2004		0.0513		0.05 U
MW-30(A)	MW-30 (A)	7/20/2004				
MW-31(A)	BM-31 (A)	10/16/2003		0.05 U		0.05 U
MW-31(A)	BM-31 (A)	10/16/2003				
MW-31(A)	MW-31 (A)	10/16/2003		0.05 U		0.05 U
MW-31(A)	MW-31 (A)	10/16/2003				
MW-31(A)	MW-31 (A)	1/12/2004		0.05 U		0.05 U
MW-31(A)	MW-31 (A)	1/12/2004				
MW-31(A)	BM-31 (A)	4/13/2004		0.05 U		0.05 U
MW-31(A)	BM-31 (A)	4/13/2004				
MW-31(A)	MW-31 (A)	4/13/2004		0.1 U		0.1 U
MW-31(A)	MW-31 (A)	4/13/2004				
MW-31(A)	MW-31 (A)	7/20/2004		0.05 U		0.05 U
MW-31(A)	MW-31 (A)	7/20/2004				
MW-32(A)	MW-32(A)	10/14/2003		0.05 U		0.05 U
MW-32(A)	MW-32(A)	10/14/2003				
MW-32(A)	MW-32 (A)	1/12/2004		0.05 U		0.05 U
MW-32(A)	MW-32 (A)	1/12/2004				
MW-32(A)	MW-32 (A)	4/13/2004		0.05 U		0.05 U
MW-32(A)	MW-32 (A)	4/13/2004				
MW-32(A)	MW-32 (A)	7/19/2004		0.05 U		0.05 U
MW-32(A)	MW-32 (A)	7/19/2004				

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Pentachlorophenol ug/L	Phenanthrene ug/L	Phenol ug/L	Pyrene ug/L
MW-33(A)	MW-33(A)	10/14/2003		0.05 U		0.05 U
MW-33(A)	MW-33(A)	10/14/2003				
MW-33(A)	MW-33 (A)	1/12/2004		0.05 U		0.05 U
MW-33(A)	MW-33 (A)	1/12/2004				
MW-33(A)	MW-33 (A)	4/13/2004		0.05 U		0.05 U
MW-33(A)	MW-33 (A)	4/13/2004				
MW-33(A)	MW-33 (A)	7/19/2004		0.05 U		0.05 U
MW-33(A)	MW-33 (A)	7/19/2004				
MW-34(A)	MW-34(A)	10/14/2003		0.05 U		0.05 U
MW-34(A)	MW-34(A)	10/14/2003				
MW-34(A)	MW-34 (A)	1/13/2004		0.05 U		0.05 U
MW-34(A)	MW-34 (A)	1/13/2004				
MW-34(A)	MW-34 (A)	4/14/2004		0.05 U		0.05 U
MW-34(A)	MW-34 (A)	4/14/2004				
MW-34(A)	MW-34 (A)	7/20/2004		0.05 U		0.05 U
MW-34(A)	MW-34 (A)	7/20/2004				
MW-35(A)	MW-35 (A)	10/16/2003		0.05 U		0.05 U
MW-35(A)	MW-35 (A)	10/16/2003				
MW-35(A)	MW-35 (A)	1/16/2004		0.05 U		0.05 U
MW-35(A)	MW-35 (A)	1/16/2004				
MW-35(A)	MW-35 (A)	4/13/2004		0.05 U		0.05 U
MW-35(A)	MW-35 (A)	4/13/2004				
MW-35(A)	MW-35 (A)	7/20/2004		0.05 U		0.05 U
MW-35(A)	MW-35 (A)	7/20/2004				
MW-36(A)	MW-36(A)	10/21/2003		0.05 U		0.05 U
MW-36(A)	MW-36(A)	10/21/2003				
MW-36(A)	MW-36 (A)	1/14/2004		0.05 U		0.05 U
MW-36(A)	MW-36 (A)	1/14/2004				
MW-36(A)	MW-36 (A)	4/14/2004		0.05 U		0.05 U
MW-36(A)	MW-36 (A)	4/14/2004				
MW-36(A)	MW-36 (A)	7/22/2004		0.05 U		0.05 U
MW-36(A)	MW-36 (A)	7/22/2004		0.05 U		0.05 U
MW-36(A)	MW-36 (A)	7/22/2004				
MW-37(A)	MW-37 (A)	10/17/2003		0.05 U		0.05 U
MW-37(A)	MW-37 (A)	10/17/2003				
MW-38(A)	MW-38(A)	10/21/2003		0.05 U		0.05 U
MW-38(A)	MW-38(A)	10/21/2003				
MW-38(A)	MW-38 (A)	1/14/2004		0.05 U		0.05 U
MW-38(A)	MW-38 (A)	1/14/2004				

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Pentachlorophenol ug/L	Phenanthrene ug/L	Phenol ug/L	Pyrene ug/L
MW-38(A)	MW-38 (A)	4/14/2004		0.05 U		0.05 U
MW-38(A)	MW-38 (A)	4/14/2004				
MW-38(A)	MW-38 (A)	7/22/2004		0.05 U		0.05 U
MW-38(A)	MW-38 (A)	7/22/2004				
MW-39(A)	MW-39 (A)	10/16/2003		0.806		0.05 U
MW-39(A)	MW-39 (A)	10/16/2003				
MW-39(A)	MW-39 (A)	1/16/2004		0.629		0.05 U
MW-39(A)	MW-39 (A)	1/16/2004				
MW-39(A)	MW-39 (A)	4/14/2004		0.357		0.05 U
MW-39(A)	MW-39 (A)	4/14/2004				
MW-39(A)	MW-39 (A)	7/21/2004		0.631		0.05 U
MW-39(A)	MW-39 (A)	7/21/2004				
MW-39(A)	Trip Blank	7/21/2004				
MW-39(A)	Trip Blank	7/22/2004				
MW-40(A)	MW-40 (A)	10/17/2003		0.317		0.05 U
MW-40(A)	MW-40 (A)	10/17/2003				
MW-40(A)	MW-40(A)	1/20/2004		1.11		0.1 U
MW-40(A)	MW-40(A)	1/20/2004				
MW-40(A)	MW-40(A)	4/16/2004		2.13		0.2 U
MW-40(A)	MW-40(A)	4/16/2004				
MW-41(A)	MW-41(A)	10/14/2003		6.93		0.2
MW-41(A)	MW-41(A)	10/14/2003				
MW-42(A)	MW-42 (A)	10/15/2003		2.16		0.05 U
MW-42(A)	MW-42 (A)	10/15/2003				
MW-43(A)	MW-43(A)	10/13/2003		0.05 U		0.05 U
MW-43(A)	MW-43(A)	10/13/2003				
MW-43(A)	MW-43 (A)	1/12/2004		0.05 U		0.05 U
MW-43(A)	MW-43 (A)	1/12/2004				
MW-43(A)	MW-43 (A)	4/13/2004		0.05 U		0.05 U
MW-43(A)	MW-43 (A)	4/13/2004				
MW-43(A)	MW-43 (A)	7/21/2004		0.05 U		0.05 U
MW-43(A)	MW-43 (A)	7/21/2004				
MW-44(A)	MW-44 (A)	10/17/2003		0.44		0.05 U
MW-44(A)	MW-44 (A)	10/17/2003				

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Pentachlorophenol ug/L	Phenanthrene ug/L	Phenol ug/L	Pyrene ug/L
MW-45(A)	MW-45 (A)	10/16/2003		0.05 U		0.05 U
MW-45(A)	MW-45 (A)	10/16/2003				
MW-45(A)	MW-45 (A)	1/16/2004		0.05 U		0.05 U
MW-45(A)	MW-45 (A)	1/16/2004				
MW-45(A)	MW-45 (A)	4/14/2004		0.05 U		0.05 U
MW-45(A)	MW-45 (A)	4/14/2004				
MW-45(A)	MW-45 (A)	7/21/2004		0.05 U		0.05 U
MW-45(A)	MW-45 (A)	7/21/2004				
MW-46(A)	MW-46(A)	10/14/2003		0.05 U		0.05 U
MW-46(A)	MW-46(A)	10/14/2003				
MW-46(A)	MW-46(A)	1/14/2004		0.05 U		0.05 U
MW-46(A)	MW-46(A)	1/14/2004				
MW-46(A)	MW-46 (A)	4/12/2004		0.05 U		0.05 U
MW-46(A)	MW-46 (A)	4/12/2004				
MW-46(A)	MW-46 (A)	7/21/2004		0.05 U		0.05 U
MW-46(A)	MW-46 (A)	7/21/2004				
MW-47(A)	MW-47(A)	10/13/2003		0.05 U		0.05 U
MW-47(A)	MW-47(A)	10/13/2003				
MW-47(A)	MW-47 (A)	1/14/2004		0.05 U		0.05 U
MW-47(A)	MW-47 (A)	1/14/2004				
MW-47(A)	MW-47 (A)	4/12/2004		0.05 U		0.05 U
MW-47(A)	MW-47 (A)	4/12/2004				
MW-47(A)	MW-47 (A)	7/21/2004		0.05 U		0.05 U
MW-47(A)	MW-47 (A)	7/21/2004				
MW-48(A)	MW-48(A)	10/14/2003		0.345		0.0812
MW-48(A)	MW-48(A)	10/14/2003				
MW-48(A)	MW-48 (A)	1/14/2004		0.131		0.05 U
MW-48(A)	MW-48 (A)	1/14/2004				
MW-48(A)	MW-48 (A)	4/12/2004		0.101		0.0729
MW-48(A)	MW-48 (A)	4/12/2004				
MW-48(A)	MW-48 (A)	7/21/2004		0.108		0.0883
MW-48(A)	MW-48 (A)	7/21/2004				
R-1(M)	R-1(M)	10/22/2003		0.05 U		0.05 U
R-1(M)	R-1(M)	10/22/2003				
TW-100(C)	SB100(C)W	8/22/2002		0.05 U		0.05 U
TW-100(C)	SB100(C)W	8/22/2002				
TW-103(C)	SB103(C)W	8/22/2002				
TW-104(C)	SB104(C)W	8/22/2002				

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Pentachlorophenol	Phenanthrene	Phenol	Pyrene
			ug/L	ug/L	ug/L	ug/L
TW-200(C)	SB200(C)W	8/22/2002		0.05 U		0.05 U
TW-200(C)	SB200(C)W	8/22/2002				
TW-201(C)	SB201(C)W	8/22/2002		0.05 U		0.05 U
TW-201(C)	SB201(C)W	8/22/2002				
TW-202(C)	SB202(C)W	8/22/2002		0.05 U		0.05 U
TW-202(C)	SB202(C)W	8/22/2002				
TW-203(C)	SB203(C)W	8/22/2002		0.05 U		0.05 U
TW-203(C)	SB203(C)W	8/22/2002				
TW-204(C)	SB204(C)W	8/22/2002		0.05 U		0.05 U
TW-204(C)	SB204(C)W	8/22/2002				
TW-204(C)	SB204(C)W2	8/22/2002		0.05 U		0.05 U
TW-204(C)	SB204(C)W2	8/22/2002				
TW-304(D)	SB-304-D-9.0	8/19/2002		0.06 U		0.05 U
TW-304(D)	SB-304-D-9.0 DUP	8/19/2002		0.05 U		0.05 U
TW-305(D)	SB-305-D-9.0	8/19/2002		39.9		2.5 U
TW-305(D)	SB-305-D-9.0	8/19/2002				
TW-306(D)	SB-306-D-9.0	8/19/2002		2.09		0.25 U
TW-307(D)	SB-307-D-9.0	8/19/2002		5 U		0.08 U
TW-309(D)	SB-309-D-9.0	8/19/2002		0.05 U		0.05 U
TW-309(D)	SB-309-D-9.0	8/19/2002				
TW-311(D)	SB-311-D-10.0	8/19/2002		0.05 U		0.05 U
TW-312(D)	SB-312-D-10.0	8/19/2002		0.05 U		0.05 U
TW-312(D)	SB-312-D-10.0	8/19/2002				
TW-313(D)	TW-313-D-22.0	8/20/2002		0.05 U		0.05 U
TW-314(D)	TW-314-D-22.0	8/20/2002		0.05 U		0.05 U
TW-318(D)	TW-318-D-22.0	8/20/2002		0.05 U		0.05 U
TW-318(D)	TW-318-D-22.0	8/20/2002				
TW-319(D)	SB-319-D-14.0	8/19/2002		0.05 U		0.05 U
TW-400(F)	TW-400(F)	8/22/2002		0.05 U		0.05 U
TW-600(N)	TW-600(N)	9/13/2002		0.05 U		0.25 U
TW-600(N)	TW-600(N)	9/13/2002				
TW-601(N)	TW-601(N)	9/13/2002		0.05 U		2.5 U
TW-601(N)	TW-601(N)	9/13/2002				
TW-602(N)	BT-602(N)	9/13/2002		0.05 U		0.05 U
TW-602(N)	BT-602(N)	9/13/2002				
TW-602(N)	TW-602(N)	9/13/2002		0.05 U		0.05 U
TW-602(N)	TW-602(N)	9/13/2002				



TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Pentachlorophenol	Phenanthrene	Phenol	Pyrene
			ug/L	ug/L	ug/L	ug/L
TW-603(N)	TW-603(N)	9/13/2002		0.0679		0.05 U
TW-603(N)	TW-603(N)	9/13/2002				
TW-608(N)	TW-608 (N)	9/13/2002		0.05 U		0.05 U
TW-608(N)	TW-608 (N)	9/13/2002				
TW-612(N)	TW-612(N)	9/12/2002		0.171		0.05 U
TW-612(N)	TW-612(N)	9/12/2002				
TW-616(N)	TW-616(N)	9/12/2002		0.05 U		0.05 U
TW-616(N)	TW-616(N)	9/12/2002				
TW-619(N)	TW-619(N)	9/12/2002		0.12		0.05 U
TW-619(N)	TW-619(N)	9/12/2002				
TW-623(N)	TW-623(N)	9/12/2002		0.874		0.05 U
TW-623(N)	TW-623(N)	9/12/2002				
TW-624(N)	TW-624(N)	9/12/2002	10 U	5 U	5 U	5 U
TW-624(N)	TW-624(N)	9/12/2002				
TW-625(N)	BT-625(N)	9/12/2002		0.05 U		0.05 U
TW-625(N)	TW-625(N)	9/12/2002		0.05 U		0.05 U
TW-700(P)	TW-700(P)	8/21/2002		1 U J		1 U J
TW-700(P)	TW-700(P)	8/21/2002				
TW-701(P)	TW-701(P)	8/20/2002				
TW-702(P)	TW-702(P)	8/21/2002		0.05 U J		0.05 U J
TW-702(P)	TW-702(P)	8/21/2002				
TW-703(P)	TW-703(P)	8/21/2002				
TW-704(P)	TW-704(P)	8/21/2002	25 U		25 U	
TW-705(P)	TW-705(P)	8/20/2002	25 U	0.0571 U J	25 U	0.0571 U J
TW-706(P)	TW-706(P)	8/21/2002				
TW-707(P)	TW-707(P)	8/21/2002				
TW-708(P)	BT-708(P)	8/20/2002		2 U J		2 U J
TW-708(P)	BT-708(P)	8/20/2002				
TW-708(P)	TW-708(P)	8/20/2002		2.5 U J		2.5 U J
TW-708(P)	TW-708(P)	8/20/2002				
TW-709(P)	TW-709(P)	8/21/2002				
TW-710(P)	TW-710(P)	8/21/2002		0.05 U J		0.05 U J
TW-710(P)	TW-710(P)	8/21/2002				
TW-711(P)	BT-711(P)	8/21/2002				
TW-711(P)	TW-711(P)	8/21/2002				

TABLE D-14

## SVOCs IN GROUND WATER

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

Locator ID	Sample ID	Sample Date	Pentachlorophenol	Phenanthrene	Phenol	Pyrene
			ug/L	ug/L	ug/L	ug/L
TW-712(P)	TW-712(P)	8/21/2002		0.05 U J		0.05 U J
TW-712(P)	TW-712(P)	8/21/2002				
TW-714(P)	TW-714(P)	8/21/2002		2.5 U J		2.5 U J
TW-714(P)	TW-714(P)	8/21/2002				
TW-716(P)	TW-716(P)	8/20/2002		0.05 U J		0.05 U J
TW-716(P)	TW-716(P)	8/20/2002				
TW-717(P)	TW-717(P)	8/20/2002		0.2 U J		0.2 U J
TW-717(P)	TW-717(P)	8/20/2002				
TW-718(P)	TW-718(P)	8/21/2002		0.05 U J		0.05 U J
TW-718(P)	TW-718(P)	8/21/2002				
TW-719(P)	BT-719(P)	8/23/2002		0.05 U		0.05 U
TW-719(P)	BT-719(P)	8/23/2002				
TW-719(P)	TW-719(P)	8/23/2002		0.05 U		0.05 U
TW-719(P)	TW-719(P)	8/23/2002				
TW-720(P)	TW-720(P)	8/23/2002		2.21		0.05 U
TW-720(P)	TW-720(P)	8/23/2002				
TW-900(S)	SB-900(TW)	8/26/2002		0.05 U		0.05 U
TW-901(S)	SB-901(TW)	8/26/2002		1 U		1 U
TW-901(S)	SB-901(TW)	8/26/2002				
TW-902(S)	SB-902(TW)	8/26/2002		1.35		0.5 U
TW-903(S)	SB-903(TW)	8/26/2002		2.01		0.2 U
TW-903(S)	SB-903(TW)	8/26/2002				
TW-904(S)	SB-904(TW)	8/26/2002		0.989		0.1 U
TW-904(S)	SB-904(TW)	8/26/2002				
TW-905(S)	SB-905(TW)	8/26/2002				
TW-906(S)	SB-906(TW)	8/27/2002		0.05 U		0.05 U
TW-906(S)	SB-906(TW)	8/27/2002				
TW-908(S)	SB-908(TW)	8/27/2002		0.05 U		0.05 U
TW-908(S)	SB-908(TW)	8/27/2002				
TW-909(S)	SB-909(TW)	8/27/2002		0.05 U		0.05 U
TW-910(S)	SB-910(TW)	8/26/2002		0.06 U		0.05 U
TW-911(S)	SB-911(TW)	8/27/2002		0.2 U		0.1 U
TW-911(S)	SB-911(TW)	8/27/2002				