

Table E-1. Methods and reporting limits for the Phase 3 study of toxics in surface runoff to Puget Sound.

Chemical / Class	Method	Target Reporting Limit from QAPP (µg/L)	Reporting Limit (µg/L)
Conventionals			
Ammonia	SM 4500-NH ₃ H	10	10
Dissolved Organic Carbon	SM 5310 B	1000	1000
Hardness as CaCO ₃	SM 2340B	300	1500
Nitrate-Nitrite as Nitrogen	SM 4500NO ₃ I	10	200
Ortho-Phosphate	SM 4500 P G	3	30
Total Organic Carbon	SM 5310 B	1000	2000
Total Persulfate Nitrogen	SM 4500NB/SM 4500-NH ₃ H	25	1250
Total Phosphorus	SM 4500 P F	5	10
Total Suspended Solids	SM 2540D	1000	12000
Herbicides			
2,4,5-T	EPA 8270	0.062	0.071
2,4,5-TP (Silvex)	EPA 8270	0.062	0.071
2,4-D	EPA 8270	0.062	0.12
2,4-DB	EPA 8270	0.062	0.071
3,5-Dichlorobenzoic Acid	EPA 8270	0.062	0.071
Acifluorfen (Blazer)	EPA 8270	0.062	0.071
Bentazon	EPA 8270	0.062	0.071
Bromoxynil	EPA 8270	0.062	0.071
Clopyralid	EPA 8270	0.062	0.071
Dicamba	EPA 8270	0.062	0.071
Dichlorprop	EPA 8270	0.062	0.071
Diclofop-Methyl	EPA 8270	0.062	0.071
Dinoseb	EPA 8270	0.062	0.071
Ioxynil	EPA 8270	0.062	0.071
MCPA	EPA 8270	0.062	0.071
MCPP (Mecoprop)	EPA 8270	0.062	0.071
Picloram	EPA 8270	0.062	0.071
Triclopyr	EPA 8270	0.062	0.071
Metals			
Aluminum	EPA 200.7	50	25
Arsenic	EPA 200.8/EPA 200.8P	0.1	0.1
Barium	EPA 200.8/EPA 200.8P	0.1	0.1
Beryllium	EPA 200.8/EPA 200.8P	0.1	0.1
Cadmium	EPA 200.8/EPA 200.8P	0.1	0.1

Table E-1 (continued). Target parameters for the Phase 3 study of toxics in surface runoff to Puget Sound.

Chemical / Class	Method	Target Reporting Limit from QAPP (µg/L)	Reporting Limit (µg/L)
Metals (continued)			
Cobalt	EPA 200.8/EPA 200.8P	0.1	0.1
Copper	EPA 200.8/EPA 200.8P	0.1	0.1
Lead	EPA 200.8/EPA 200.8P	0.1	0.1
Manganese	EPA 200.7	10	5
Mercury	EPA 245.7	0.002	0.002
Nickel	EPA 200.8/EPA 200.8P	0.1	0.1
Selenium	EPA 200.8/EPA 200.8P	0.5	0.5
Thallium	EPA 200.8/EPA 200.8P	0.1	0.1
Tin	EPA 200.8/EPA 200.8P	0.2	0.2
Zinc	EPA 200.8/EPA 200.8P	5	5
Other Base/Neutral/Acid Extractables			
1,2,4-Trichlorobenzene	EPA 8270	0.25	0.09
1,2-Dichlorobenzene	EPA 8270	0.25	0.09
1,2-Diphenylhydrazine	EPA 8270	0.25	0.09
1,3-Dichlorobenzene	EPA 8270	0.25	0.09
1,4-Dichlorobenzene	EPA 8270	0.25	0.09
1-Methylnaphthalene	SW 8270/SW8270DSIM	0.01	0.012
2,3,4,5-Tetrachlorophenol	EPA 8270	0.062	0.071
2,3,4,6-Tetrachlorophenol	EPA 8270	0.062	0.071
2,4,5-Trichlorophenol	EPA 8270	0.062	0.071
2,4,6-Trichlorophenol	EPA 8270	0.062	0.071
2,4-Dichlorophenol	EPA 8270	2.5	0.93
2,4-Dimethylphenol	EPA 8270	2.5	0.93
2,4-Dinitrophenol	EPA 8270	2.5	0.93
2,4-Dinitrotoluene	EPA 8270	1	0.37
2,6-Dinitrotoluene	EPA 8270	1	0.37
2-Chloronaphthalene	EPA 8270/EPA 8270DSIM	0.01	0.012
2-Chlorophenol	EPA 8270	1	0.37
2-Methylnaphthalene	EPA 8270/EPA 8270DSIM	0.01	0.011
2-Nitroaniline	EPA 8270	5	2
2-Nitrophenol	EPA 8270	0.5	0.19
3,3'-Dichlorobenzidine	EPA 8270	0.5	0.19
4,6-Dinitro-2-Methylphenol	EPA 8270	1	2

Table E-1 (continued). Target parameters for the Phase 3 study of toxics in surface runoff to Puget Sound.

Chemical / Class	Method	Target Reporting Limit from QAPP (µg/L)	Reporting Limit (µg/L)
Other Base/Neutral/Acid Extractables (continued)			
4-Bromophenyl phenyl ether	EPA 8270	0.5	0.19
4-Chloro-3-Methylphenol	EPA 8270	2.5	0.93
4-Chloroaniline	EPA 8270	10	3
4-Chlorophenyl-Phenylether	EPA 8270	0.25	0.09
4-Nitroaniline	EPA 8270	1	0.37
4-Nitrophenol	EPA 8270	0.062	0.071
Bis(2-Chloroethoxy)Methane	EPA 8270	0.25	0.09
Bis(2-Chloroethyl)Ether	EPA 8270	0.5	0.19
Bisphenol A	EPA 8270	1	0.37
Caffeine	EPA 8270	0.5	0.19
Carbazole	EPA 8270/EPA 8270DSIM	0.01	0.012
Cholesterol	EPA 8270	NA	0.93
Dibenzofuran	EPA 8270/EPA 8270DSIM	0.01	0.012
Ethanol, 2-Chloro-,Phosphate (3:1)	EPA 8270	NA	0.09
Hexachlorobutadiene	EPA 8270	0.25	0.09
Hexachlorocyclopentadiene	EPA 8270	1	0.81
Hexachloroethane	EPA 8270	0.25	0.09
Isophorone	EPA 8270	0.5	0.19
m-Nitroaniline	EPA 8270	1	0.34
Nitrobenzene	EPA 8270	0.25	0.09
N-Nitrosodimethylamine	EPA 8270	1	0.33
N-Nitrosodi-n-propylamine	EPA 8270	0.3	0.11
N-Nitrosodiphenylamine	EPA 8270	0.5	0.17
Nonylphenol	EPA 8270	1	0.37
p-Cresol	EPA 8270	2.5	0.93
Pentachlorophenol (PCP)	EPA 8270	0.062	0.071
Phenol	EPA 8270	1	0.37
Retene	EPA 8270/EPA 8270SIM	0.01	0.012
Triclosan	EPA 8270	0.25	0.09
Triethyl citrate	EPA 8270	1	0.37
Pesticides			
2,4'-DDD	EPA 8081	0.002	0.003
2,4'-DDE	EPA 8081	0.002	0.003

Table E-1 (continued). Target parameters for the Phase 3 study of toxics in surface runoff to Puget Sound.

Chemical / Class	Method	Target Reporting Limit from QAPP (µg/L)	Reporting Limit (µg/L)
Pesticides (continued)			
2,4'-DDT	EPA 8081	0.002	0.003
4,4'-DDD	EPA 8081	0.002	0.003
4,4'-DDE	EPA 8081	0.002	0.003
4,4'-DDT	EPA 8081	0.002	0.003
Aldrin	EPA 8081	0.002	0.003
Alpha-BHC	EPA 8081	0.002	0.003
Beta-BHC	EPA 8081	0.002	0.003
Chlordane, technical	EPA 8081	0.002	0.028
Chlorpyrifos	EPA 8081	0.025	0.003
Chlorthal-dimethyl	EPA 8081	0.062	0.003
cis-Chlordane	EPA 8081	0.002	0.003
cis-Nonachlor	EPA 8081	0.025	0.003
DDMU	EPA 8081	0.002	0.003
Delta-BHC	EPA 8081	0.002	0.003
Dieldrin	EPA 8081	0.002	0.003
Endosulfan I	EPA 8081	0.002	0.003
Endosulfan II	EPA 8081	0.002	0.003
Endosulfan Sulfate	EPA 8081	0.002	0.003
Endrin	EPA 8081	0.002	0.003
Endrin Aldehyde	EPA 8081	0.002	0.003
Endrin Ketone	EPA 8081	0.002	0.003
Gamma-BHC (Lindane)	EPA 8081	0.002	0.003
Heptachlor	EPA 8081	0.002	0.003
Heptachlor Epoxide	EPA 8081	0.002	0.003
Hexachlorobenzene	EPA 8081	0.025	0.003
Methoxychlor	EPA 8081	0.002	0.003
Mirex	EPA 8081	NA	0.003
Oxychlordane	EPA 8081	0.025	0.003
Pentachloroanisole	EPA 8081	NA	0.003
Toxaphene	EPA 8081	0.008	0.03
trans-Chlordane	EPA 8081	0.002	0.003
trans-Nonachlor	EPA 8081	0.025	0.003

Table E-1 (continued). Target parameters for the Phase 3 study of toxics in surface runoff to Puget Sound.

Chemical / Class	Method	Target Reporting Limit from QAPP (µg/L)	Reporting Limit (µg/L)
Petroleum and Oil			
#2 Diesel	NWTPH-DX	150	70
Gasoline	NWTPH-GX	140	140
Lube Oil (TPH-Dx)	NWTPH-DX	5000	170
Lube Oil (TPH-DOG)	NWTPH-DX	5000	48
Oil and Grease	EPA 1664/EPA 1664A	5000	500
Phthalates			
Bis(2-Ethylhexyl) Phthalate	EPA 8270	0.5	0.19
Butyl benzyl phthalate	EPA 8270	1	0.37
Diethyl phthalate	EPA 8270	0.5	0.19
Dimethyl phthalate	EPA 8270	0.5	0.19
Di-N-Butylphthalate	EPA 8270	0.25	0.09
Di-N-Octyl Phthalate	EPA 8270	0.5	0.19
Polybrominated Diphenyl Ethers (PBDE Congeners)			
PBDE-007	EPA 1614	0.000025	0.000034
PBDE-010	EPA 1614	0.000025	0.000034
PBDE-015	EPA 1614	0.000025	0.000034
PBDE-017	EPA 1614	0.000025	0.000034
PBDE-028	EPA 1614	0.000025	0.000034
PBDE-030	EPA 1614	0.000025	0.000034
PBDE-047	EPA 1614	0.00005	0.000465
PBDE-049	EPA 1614	0.00005	0.000068
PBDE-066	EPA 1614	0.00005	0.000068
PBDE-071	EPA 1614	0.00005	0.000068
PBDE-077	EPA 1614	0.00005	0.000068
PBDE-085	EPA 1614	0.00005	0.000068
PBDE-099	EPA 1614	0.00005	0.00058
PBDE-100	EPA 1614	0.00005	0.000132
PBDE-119	EPA 1614	0.00005	0.000068
PBDE-126	EPA 1614	0.00005	0.000068
PBDE-138	EPA 1614	0.00005	0.000068
PBDE-139	EPA 1614	0.00005	0.000068
PBDE-140	EPA 1614	0.00005	0.000068
PBDE-153	EPA 1614	0.00005	0.000068
PBDE-154	EPA 1614	0.00005	0.000068

Table E-1 (continued). Target parameters for the Phase 3 study of toxics in surface runoff to Puget Sound.

Chemical / Class	Method	Target Reporting Limit from QAPP (µg/L)	Reporting Limit (µg/L)
Polybrominated Diphenyl Ethers (PBDE Congeners) (continued)			
PBDE-156/169	EPA 1614	0.00005	0.000137
PBDE-171	EPA 1614	0.0001	0.000137
PBDE-180	EPA 1614	0.0001	0.000137
PBDE-183	EPA 1614	0.0001	0.000137
PBDE-184	EPA 1614	0.0001	0.000137
PBDE-191	EPA 1614	0.0001	0.000137
PBDE-196	EPA 1614	0.0001	0.000263
PBDE-197/204	EPA 1614	0.0001	0.000274
PBDE-201	EPA 1614	0.0001	0.000137
PBDE-203	EPA 1614	0.0001	0.000263
PBDE-205	EPA 1614	0.0001	0.000263
PBDE-206	EPA 1614	0.0025	0.000625
PBDE-207	EPA 1614	0.0025	0.000625
PBDE-208	EPA 1614	0.0025	0.000625
PBDE-209	EPA 1614	0.0025	0.0129
Polychlorinated Biphenyls (PCB Congeners)			
PCB-001	EPA 1668A	0.0001	0.00024
PCB-002	EPA 1668A	0.0001	0.00024
PCB-003	EPA 1668A	0.0001	0.00024
PCB-004/010	EPA 1668A	0.0001	0.00024
PCB-006	EPA 1668A	0.0001	0.00024
PCB-007/009	EPA 1668A	0.0001	0.00024
PCB-008/005	EPA 1668A	0.0001	0.00024
PCB-011	EPA 1668A	0.0001	0.00024
PCB-012/013	EPA 1668A	0.0001	0.00024
PCB-014	EPA 1668A	0.0001	0.00024
PCB-015	EPA 1668A	0.0001	0.00024
PCB-016/032	EPA 1668A	0.0001	0.00024
PCB-017	EPA 1668A	0.0001	0.00024
PCB-018	EPA 1668A	0.0001	0.00024
PCB-019	EPA 1668A	0.0001	0.00024
PCB-020/021/033	EPA 1668A	0.0001	0.00024
PCB-022	EPA 1668A	0.0001	0.00024

Table E-1 (continued). Target parameters for the Phase 3 study of toxics in surface runoff to Puget Sound.

Chemical / Class	Method	Target Reporting Limit from QAPP (µg/L)	Reporting Limit (µg/L)
Polychlorinated Biphenyls (PCB Congeners) (continued)			
PCB-023	EPA 1668A	0.0001	0.00024
PCB-024/027	EPA 1668A	0.0001	0.00024
PCB-025	EPA 1668A	0.0001	0.00024
PCB-026	EPA 1668A	0.0001	0.00024
PCB-028	EPA 1668A	0.0001	0.00024
PCB-029	EPA 1668A	0.0001	0.00024
PCB-030	EPA 1668A	0.0001	0.00024
PCB-031	EPA 1668A	0.0001	0.00024
PCB-034	EPA 1668A	0.0001	0.00024
PCB-035	EPA 1668A	0.0001	0.00024
PCB-036	EPA 1668A	0.0001	0.00024
PCB-037	EPA 1668A	0.0001	0.00024
PCB-038	EPA 1668A	0.0001	0.00024
PCB-039	EPA 1668A	0.0001	0.00024
PCB-040	EPA 1668A	0.0001	0.00024
PCB-041/064/068	EPA 1668A	0.0001	0.00024
PCB-042/059	EPA 1668A	0.0001	0.00024
PCB-043/049	EPA 1668A	0.0001	0.00024
PCB-044	EPA 1668A	0.0001	0.00024
PCB-045	EPA 1668A	0.0001	0.00024
PCB-046	EPA 1668A	0.0001	0.00024
PCB-047/048/075	EPA 1668A	0.0001	0.00024
PCB-050	EPA 1668A	0.0001	0.00024
PCB-051	EPA 1668A	0.0001	0.00024
PCB-052/073	EPA 1668A	0.0001	0.00024
PCB-053	EPA 1668A	0.0001	0.00024
PCB-054	EPA 1668A	0.0001	0.00024
PCB-055	EPA 1668A	0.0001	0.00024
PCB-056/060	EPA 1668A	0.0001	0.00024
PCB-057	EPA 1668A	0.0001	0.00024
PCB-058	EPA 1668A	0.0001	0.00024
PCB-061/074	EPA 1668A	0.0001	0.00024
PCB-062	EPA 1668A	0.0001	0.00024
PCB-063	EPA 1668A	0.0001	0.00024

Table E-1 (continued). Target parameters for the Phase 3 study of toxics in surface runoff to Puget Sound.

Chemical / Class	Method	Target Reporting Limit from QAPP (µg/L)	Reporting Limit (µg/L)
Polychlorinated Biphenyls (PCB Congeners) (continued)			
PCB-065	EPA 1668A	0.0001	0.00024
PCB-066/076/080	EPA 1668A	0.0001	0.00024
PCB-067	EPA 1668A	0.0001	0.00024
PCB-069	EPA 1668A	0.0001	0.00024
PCB-070	EPA 1668A	0.0001	0.00024
PCB-071	EPA 1668A	0.0001	0.00024
PCB-072	EPA 1668A	0.0001	0.00024
PCB-077	EPA 1668A	0.0001	0.000054
PCB-078	EPA 1668A	0.0001	0.00024
PCB-079	EPA 1668A	0.0001	0.00024
PCB-081	EPA 1668A	0.0001	0.000024
PCB-082	EPA 1668A	0.0001	0.00024
PCB-083/108	EPA 1668A	0.0001	0.00024
PCB-084	EPA 1668A	0.0001	0.00024
PCB-085/120	EPA 1668A	0.0001	0.00024
PCB-086/087/097/111/115/116/117/125	EPA 1668A	0.0001	0.00024
PCB-088/121	EPA 1668A	0.0001	0.00024
PCB-089/090/101	EPA 1668A	0.0001	0.00024
PCB-091	EPA 1668A	0.0001	0.00024
PCB-092	EPA 1668A	0.0001	0.00024
PCB-093/095	EPA 1668A	0.0001	0.00024
PCB-094	EPA 1668A	0.0001	0.00024
PCB-096	EPA 1668A	0.0001	0.00024
PCB-098/102	EPA 1668A	0.0001	0.00024
PCB-099	EPA 1668A	0.0001	0.00024
PCB-100	EPA 1668A	0.0001	0.00024
PCB-103	EPA 1668A	0.0001	0.00024
PCB-104	EPA 1668A	0.0001	0.00024
PCB-105/127	EPA 1668A	0.0001	0.000024
PCB-107/PCB-108	EPA 1668A	0.0001	0.00024
PCB-110	EPA 1668A	0.0001	0.00024
PCB-112	EPA 1668A	0.0001	0.00024
PCB-113	EPA 1668A	0.0001	0.00024

Table E-1 (continued). Target parameters for the Phase 3 study of toxics in surface runoff to Puget Sound.

Chemical / Class	Method	Target Reporting Limit from QAPP (µg/L)	Reporting Limit (µg/L)
Polychlorinated Biphenyls (PCB Congeners) (continued)			
PCB-114	EPA 1668A	0.0001	0.000024
PCB-115/116	EPA 1668A	0.0001	0.00011
PCB-118/106	EPA 1668A	0.0001	0.000024
PCB-119	EPA 1668A	0.0001	0.00024
PCB-122	EPA 1668A	0.0001	0.00024
PCB-123	EPA 1668A	0.0001	0.000024
PCB-124	EPA 1668A	0.0001	0.00024
PCB-126	EPA 1668A	0.0001	0.000024
PCB-128	EPA 1668A	0.0001	0.00024
PCB-129	EPA 1668A	0.0001	0.00024
PCB-130	EPA 1668A	0.0001	0.00024
PCB-131/142/165	EPA 1668A	0.0001	0.00024
PCB-132/168	EPA 1668A	0.0001	0.00024
PCB-133	EPA 1668A	0.0001	0.00024
PCB-134	EPA 1668A	0.0001	0.00024
PCB-135/144	EPA 1668A	0.0001	0.00024
PCB-136	EPA 1668A	0.0001	0.00024
PCB-137	EPA 1668A	0.0001	0.00024
PCB-138/163/164	EPA 1668A	0.0001	0.00024
PCB-139/149	EPA 1668A	0.0001	0.00024
PCB-140	EPA 1668A	0.0001	0.00024
PCB-141	EPA 1668A	0.0001	0.00024
PCB-143	EPA 1668A	0.0001	0.00024
PCB-145	EPA 1668A	0.0001	0.00024
PCB-146	EPA 1668A	0.0001	0.00024
PCB-147	EPA 1668A	0.0001	0.00024
PCB-148	EPA 1668A	0.0001	0.00024
PCB-150	EPA 1668A	0.0001	0.00024
PCB-151	EPA 1668A	0.0001	0.00024
PCB-152	EPA 1668A	0.0001	0.00024
PCB-153	EPA 1668A	0.0001	0.00024
PCB-154	EPA 1668A	0.0001	0.00024
PCB-155	EPA 1668A	0.0001	0.00024
PCB-156	EPA 1668A	0.0001	0.000024

Table E-1 (continued). Target parameters for the Phase 3 study of toxics in surface runoff to Puget Sound.

Chemical / Class	Method	Target Reporting Limit from QAPP (µg/L)	Reporting Limit (µg/L)
Polychlorinated Biphenyls (PCB Congeners) (continued)			
PCB-157	EPA 1668A	0.0001	0.000024
PCB-158/160	EPA 1668A	0.0001	0.00024
PCB-159	EPA 1668A	0.0001	0.00024
PCB-161	EPA 1668A	0.0001	0.00024
PCB-162	EPA 1668A	0.0001	0.00024
PCB-166	EPA 1668A	0.0001	0.00024
PCB-167	EPA 1668A	0.0001	0.000024
PCB-169	EPA 1668A	0.0001	0.000024
PCB-170/190	EPA 1668A	0.0001	0.00019
PCB-171	EPA 1668A	0.0001	0.00024
PCB-172/192	EPA 1668A	0.0001	0.00024
PCB-173	EPA 1668A	0.0001	0.00024
PCB-174	EPA 1668A	0.0001	0.00024
PCB-175	EPA 1668A	0.0001	0.00024
PCB-176	EPA 1668A	0.0001	0.00024
PCB-177	EPA 1668A	0.0001	0.00024
PCB-178	EPA 1668A	0.0001	0.00024
PCB-179	EPA 1668A	0.0001	0.00024
PCB-180	EPA 1668A	0.0001	0.00019
PCB-181	EPA 1668A	0.0001	0.00024
PCB-182/187	EPA 1668A	0.0001	0.00024
PCB-183	EPA 1668A	0.0001	0.00024
PCB-184	EPA 1668A	0.0001	0.00024
PCB-185	EPA 1668A	0.0001	0.00024
PCB-186	EPA 1668A	0.0001	0.00024
PCB-188	EPA 1668A	0.0001	0.00024
PCB-189	EPA 1668A	0.0001	0.000024
PCB-191	EPA 1668A	0.0001	0.00024
PCB-193	EPA 1668A	0.0001	0.00024
PCB-194	EPA 1668A	0.0001	0.00024
PCB-195	EPA 1668A	0.0001	0.00024
PCB-196/203	EPA 1668A	0.0001	0.00024
PCB-197	EPA 1668A	0.0001	0.00024
PCB-198	EPA 1668A	0.0001	0.00024

Table E-1 (continued). Target parameters for the Phase 3 study of toxics in surface runoff to Puget Sound.

Chemical / Class	Method	Target Reporting Limit from QAPP (µg/L)	Reporting Limit (µg/L)
Polychlorinated Biphenyls (PCB Congeners) (continued)			
PCB-199	EPA 1668A	0.0001	0.00024
PCB-200	EPA 1668A	0.0001	0.00024
PCB-201	EPA 1668A	0.0001	0.00024
PCB-202	EPA 1668A	0.0001	0.00024
PCB-204	EPA 1668A	0.0001	0.00024
PCB-205	EPA 1668A	0.0001	0.00024
PCB-206	EPA 1668A	0.0001	0.00024
PCB-207	EPA 1668A	0.0001	0.00024
PCB-208	EPA 1668A	0.0001	0.00024
PCB-209	EPA 1668A	0.0001	0.00024
Polychlorinated Biphenyls (PCB) Homologs			
Total DiCB	EPA 1668A	0.0001	0.00024
Total HpCB	EPA 1668A	0.0001	0.00024
Total HxCB	EPA 1668A	0.0001	0.00024
Total MoCB	EPA 1668A	0.0001	0.00024
Total NoCB	EPA 1668A	0.0001	0.00024
Total OcCB	EPA 1668A	0.0001	0.00024
Total PeCB	EPA 1668A	0.0001	0.00024
Total TeCB	EPA 1668A	0.0001	0.00024
Total TrCB	EPA 1668A	0.0001	0.00024
High Molecular Weight Polycyclic Aromatic Hydrocarbons (HPAHs)			
Benzo(a)anthracene	EPA 8270/EPA 8270DSIM	0.01	0.012
Benzo(a)pyrene	EPA 8270/EPA 8270DSIM	0.01	0.025
Benzo(b)fluoranthene	EPA 8270/EPA 8270DSIM	0.01	0.012
Benzo(ghi)perylene	EPA 8270/EPA 8270DSIM	0.1	0.012
Benzo(k)fluoranthene	EPA 8270/EPA 8270DSIM	0.01	0.012
Chrysene	EPA 8270/EPA 8270DSIM	0.01	0.012
Dibenzo(a,h)anthracene	EPA 8270/EPA 8270DSIM	0.01	0.021
Fluoranthene	EPA 8270/EPA 8270DSIM	0.01	0.012
Indeno(1,2,3-cd)pyrene	EPA 8270/EPA 8270DSIM	0.01	0.021
Pyrene	EPA 8270/EPA 8270DSIM	0.01	0.02
Low Molecular Weight Polycyclic Aromatic Hydrocarbons (LPAHs)			
Acenaphthene	EPA 8270/EPA 8270DSIM	0.01	0.012
Acenaphthylene	EPA 8270/EPA 8270DSIM	0.01	0.012

Table E-1 (continued). Target parameters for the Phase 3 study of toxics in surface runoff to Puget Sound.

Chemical / Class	Method	Target Reporting Limit from QAPP (µg/L)	Reporting Limit (µg/L)
Low Molecular Weight Polycyclic Aromatic Hydrocarbons (LPAHs) (continued)			
Anthracene	EPA 8270/EPA 8270DSIM	0.01	0.012
Fluorene	EPA 8270/EPA 8270DSIM	0.01	0.012
Naphthalene	EPA 8270/EPA 8270DSIM	0.01	0.012
Phenanthrene	EPA 8270/EPA 8270DSIM	0.01	0.012
Carcinogenic Polycyclic Aromatic Hydrocarbons (cPAHs)			
Benzo(a)anthracene	EPA 8270/EPA 8270DSIM	0.01	0.012
Benzo(a)pyrene	EPA 8270/EPA 8270DSIM	0.01	0.025
Benzo(b)fluoranthene	EPA 8270/EPA 8270DSIM	0.01	0.012
Benzo(k)fluoranthene	EPA 8270/EPA 8270DSIM	0.01	0.012
Chrysene	EPA 8270/EPA 8270DSIM	0.01	0.012
Dibenzo(a,h)anthracene	EPA 8270/EPA 8270DSIM	0.01	0.021
Indeno(1,2,3-cd)pyrene	EPA 8270/EPA 8270DSIM	0.01	0.021
Calculated Parameters			
Total PAHs	EPA 8270/EPA 8270DSIM	NA	0.012
Total PCBs	EPA 1668A	NA	0.000024
Total PBDEs	EPA 1614	0.0025	0.000049
Total DDT	EPA 8081	0.002	0.003
Total Chlordane	EPA 8081	0.002	0.003
Field Parameters			
Dissolved Oxygen	Field probe	NA	NA
pH	Field probe	NA	NA
Specific Conductance	Field probe	NA	NA
Temperature	Field probe	NA	NA

ug/L = micrograms per liter

BHC = Benzene hexachloride

DDD = 1,1-Dichlorodiphenyl-dichloroethane

DDE = 1,1-Dichloro-2,2-bis(4-chlorophenyl)ethylene

DDT = 1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane

EPA = Environmental Protection Agency

NA = not applicable

PAHs = Polycyclic aromatic hydrocarbons

PBDEs = Polybrominated diphenyl ethers

PCBs = Polychlorinated biphenyls

PCP = Pentachlorophenol

QAPP = quality assurance project plan

SM = Standard Methods

TPH-Dx = total petroleum hydrocarbons - diesel

TPH-DOG = total petroleum hydrocarbons, extract of oil and grease (lube oil)