Table K-1. Percent detect results for samples collected during storm event and baseflow conditions for the Phase 3 study of toxics in surface runoff to Puget Sound.

	n		Percent Detected	
Parameter Name	**Storm**	**Base**	**Storm**	**Base**
Metals				
Aluminum Dissolved	12		41.7%	
Aluminum Total	12		100.0%	
Arsenic Dissolved	96	30	99.0%	100.0%
Arsenic Total	96	30	100.0%	100.0%
Barium Dissolved	12		100.0%	
Barium Total	12		100.0%	
Beryllium Dissolved	12		0.0%	
Beryllium Total	12		0.0%	
Cadmium Dissolved	96	30	34.4%	13.3%
Cadmium Total	96	30	8.3%	0.0%
Cobalt Dissolved	12		66.7%	
Cobalt Total	12		100.0%	
Copper Dissolved	96	30	99.0%	100.0%
Copper Total	96	30	100.0%	100.0%
Lead Dissolved	96	30	95.8%	80.0%
Lead Total	96	30	90.6%	60.0%
Manganese Dissolved	12		83.3%	
Manganese Total	12		100.0%	
Mercury Dissolved	96	30	81.3%	56.7%
Mercury Total	96	30	99.0%	86.7%
Nickel Dissolved	12		100.0%	
Nickel Total	12		100.0%	
Selenium Dissolved	12		0.0%	
Selenium Total	12		0.0%	
Thallium Dissolved	12		0.0%	
Thallium Total	12		8.3%	
Tin Dissolved	12		0.0%	
Tin Total	12		0.0%	
Zinc Dissolved	96	30	92.7%	90.0%
Zinc Total	96	30	68.8%	46.7%
Polychlorinated Biphenyls (Congeners)				
PCB-001	37	29	5.4%	0.0%
PCB-002	36	29	0.0%	0.0%
PCB-003	37	29	2.7%	0.0%
PCB-004/010	40	30	12.5%	0.0%
PCB-006	39	30	2.6%	0.0%
PCB-007/009	39	30	0.0%	0.0%
PCB-008/005	40	30	32.5%	3.3%
PCB-011	40	30	17.5%	13.3%
PCB-012/013	39	30	0.0%	0.0%
PCB-014	39	30	0.0%	0.0%
PCB-015	40	30	7.5%	0.0%
PCB-016/032	40	30	42.5%	0.0%
PCB-017	40	30	40.0%	0.0%
PCB-018	40	30	42.5%	0.0%
PCB-019	40	30	12.5%	0.0%
PCB-020/021/033	40	30	35.0%	0.0%
PCB-022	40	30	15.0%	0.0%
PCB-023	39	30	0.0%	0.0%
PCB-024/027	40	30	2.5%	0.0%

Table K-1. Percent detect results for samples collected during storm event and baseflow conditions for the Phase 3 study of toxics in surface runoff to Puget Sound.

Parameter Name	n		Percent Detected	
	Storm	Base	Storm	Base
Polychlorinated Biphenyls (Congeners) (cont.)				
PCB-025	40	30	2.5%	0.0%
PCB-026	40	30	7.5%	0.0%
PCB-028	40	30	42.5%	6.7%
PCB-029	39	30	0.0%	0.0%
PCB-030	39	30	0.0%	0.0%
PCB-031	40	30	45.0%	3.3%
PCB-034	39	30	0.0%	0.0%
PCB-035	39	30	5.1%	0.0%
PCB-036	39	30	2.6%	0.0%
PCB-037	40	30	15.0%	0.0%
PCB-038	39	30	0.0%	3.3%
PCB-039	39	30	0.0%	0.0%
PCB-040	40	30	10.0%	0.0%
PCB-041/064/068	40	30	27.5%	6.7%
PCB-042/059	40	30	12.5%	0.0%
PCB-043/049	40	30	37.5%	3.3%
PCB-044	40	30	42.5%	3.3%
PCB-045	40	30	2.5%	0.0%
PCB-046	40	30	2.5%	0.0%
PCB-047/048/075	40	30	7.5%	30.0%
PCB-050	40	30	0.0%	0.0%
PCB-051	40	30	2.5%	0.0%
PCB-052/073	40	30	57.5%	33.3%
PCB-053	40	30	12.5%	0.0%
PCB-054	40	30	0.0%	0.0%
PCB-055	40	30	0.0%	0.0%
PCB-056/060	40	30	20.0%	0.0%
PCB-057	40	30	0.0%	0.0%
PCB-058	40	30	0.0%	0.0%
PCB-061/074	40	30	22.5%	3.3%
PCB-062	40	30	0.0%	0.0%
PCB-063	40	30	0.0%	0.0%
PCB-065	40	30	0.0%	0.0%
PCB-066/076/080	40	30	30.0%	0.0%
PCB-067	40	30	0.0%	0.0%
PCB-069	40	30	0.0%	0.0%
PCB-070	40	30	42.5%	16.7%
PCB-071	40	30	12.5%	0.0%
PCB-072	40	30	0.0%	0.0%
PCB-077	40	30	5.0%	0.0%
PCB-078	40	30	0.0%	0.0%
PCB-079	40	30	2.5%	0.0%
PCB-081	40	30	2.5%	0.0%
PCB-082	40	30	15.0%	0.0%
PCB-083/108	40	30	10.0%	0.0%
PCB-084	40	30	35.0%	13.3%
PCB-085/120	40	30	17.5%	0.0%
PCB-	40	30	57.5%	40.0%
PCB-088/121	40	30	0.0%	0.0%
PCB-089/090/101	40	30	60.0%	50.0%

Table K-1. Percent detect results for samples collected during storm event and baseflow conditions for the Phase 3 study of toxics in surface runoff to Puget Sound.

	n		Percent Detected	
Parameter Name	**Storm**	**Base**	**Storm**	**Base**
Polychlorinated Biphenyls (Congeners) (cont.)				
PCB-091	40	30	22.5%	0.0%
PCB-092	40	30	27.5%	6.7%
PCB-093/095	40	30	57.5%	50.0%
PCB-094	40	30	0.0%	0.0%
PCB-096	40	30	0.0%	0.0%
PCB-098/102	40	30	5.0%	0.0%
PCB-099	40	30	45.0%	13.3%
PCB-100	40	30	0.0%	0.0%
PCB-103	40	30	2.5%	0.0%
PCB-104	40	30	0.0%	0.0%
PCB-105/127	40	30	25.0%	13.3%
PCB-107/PCB-108	40	30	10.0%	0.0%
PCB-110	40	30	62.5%	50.0%
PCB-112	40	30	0.0%	0.0%
PCB-113	40	30	0.0%	0.0%
PCB-114	40	30	2.5%	0.0%
PCB-115/116	12		0.0%	
PCB-118/106	40	30	50.0%	30.0%
PCB-119	40	30	5.0%	0.0%
PCB-122	40	30	0.0%	0.0%
PCB-123	40	30	2.5%	0.0%
PCB-124	40	30	10.0%	0.0%
PCB-126	40	30	7.5%	0.0%
PCB-128	40	30	17.5%	13.3%
PCB-129	40	30	10.0%	0.0%
PCB-130	40	30	12.5%	0.0%
PCB-131/142/165	40	30	2.5%	0.0%
PCB-132/168	40	30	30.0%	16.7%
PCB-133	40	30	5.0%	0.0%
PCB-134	40	30	12.5%	0.0%
PCB-135/144	40	30	25.0%	6.7%
PCB-136	40	30	20.0%	6.7%
PCB-137	40	30	10.0%	0.0%
PCB-138/163/164	40	30	35.0%	50.0%
PCB-139/149	40	30	37.5%	53.3%
PCB-140	40	30	0.0%	0.0%
PCB-141	40	30	25.0%	10.0%
PCB-143	40	30	2.5%	0.0%
PCB-145	40	30	0.0%	0.0%
PCB-146	40	30	20.0%	10.0%
PCB-147	40	30	5.0%	0.0%
PCB-148	40	30	0.0%	0.0%
PCB-150	40	30	0.0%	0.0%
PCB-151	40	30	27.5%	6.7%
PCB-152	40	30	0.0%	0.0%
PCB-153	40	30	35.0%	46.7%
PCB-154	40	30	0.0%	0.0%
PCB-155	40	30	0.0%	0.0%
PCB-156	40	30	17.5%	3.3%
PCB-157	40	30	7.5%	0.0%

Table K-1. Percent detect results for samples collected during storm event and baseflow conditions for the Phase 3 study of toxics in surface runoff to Puget Sound.

	n		Percent Detected	
Parameter Name	**Storm**	**Base**	**Storm**	**Base**
Polychlorinated Biphenyls (Congeners) (cont.)				
PCB-158/160	40	30	15.0%	10.0%
PCB-159	40	30	0.0%	0.0%
PCB-161	40	30	0.0%	0.0%
PCB-162	40	30	0.0%	0.0%
PCB-166	40	30	0.0%	0.0%
PCB-167	40	30	10.0%	0.0%
PCB-169	40	30	0.0%	0.0%
PCB-170/190	40	30	22.5%	10.0%
PCB-171	40	30	12.5%	3.3%
PCB-172/192	40	30	12.5%	0.0%
PCB-173	40	30	0.0%	0.0%
PCB-174	40	30	25.0%	6.7%
PCB-175	40	30	0.0%	0.0%
PCB-176	40	30	7.5%	0.0%
PCB-177	40	30	20.0%	6.7%
PCB-178	40	30	12.5%	0.0%
PCB-179	40	30	20.0%	3.3%
PCB-180	40	30	37.5%	16.7%
PCB-181	40	30	0.0%	0.0%
PCB-182/187	40	30	25.0%	6.7%
PCB-183	40	30	22.5%	6.7%
PCB-184	40	30	2.5%	0.0%
PCB-185	40	30	2.5%	0.0%
PCB-186	40	30	0.0%	0.0%
PCB-188	40	30	0.0%	0.0%
PCB-189	40	30	2.5%	0.0%
PCB-191	40	30	0.0%	0.0%
PCB-193	40	30	7.5%	0.0%
PCB-194	40	30	17.5%	3.3%
PCB-195	40	30	7.5%	0.0%
PCB-196/203	40	30	17.5%	3.3%
PCB-197	40	30	0.0%	0.0%
PCB-198	40	30	0.0%	0.0%
PCB-199	40	30	0.0%	0.0%
PCB-200	40	30	0.0%	0.0%
PCB-201	40	30	17.5%	3.3%
PCB-202	40	30	2.5%	0.0%
PCB-204	40	30	0.0%	0.0%
PCB-205	40	30	0.0%	0.0%
PCB-206	40	30	12.5%	0.0%
PCB-207	40	30	0.0%	0.0%
PCB-208	40	30	0.0%	0.0%
PCB-209	40	30	7.5%	0.0%
Total PCBs	40	30	82.5%	63.3%
Polychlorinated Biphenyls Homologs				
Total DiCB	40	30	47.5%	16.7%
Total HpCB	40	30	37.5%	16.7%
Total HxCB	40	30	47.5%	53.3%
Total MoCB	37	29	5.4%	0.0%
Total NoCB	40	30	12.5%	0.0%

Table K-1. Percent detect results for samples collected during storm event and baseflow conditions for the Phase 3 study of toxics in surface runoff to Puget Sound.

	n		Percent Detected	
Parameter Name	**Storm**	**Base**	**Storm**	**Base**
Polychlorinated Biphenyls Homologs (cont.)				
Total OcCB	40	30	17.5%	3.3%
Total PeCB	40	30	72.5%	50.0%
Total TeCB	40	30	62.5%	46.7%
Total TrCB	40	30	60.0%	10.0%
Polybrominated Diphenyl Ethers (Congeners)				
PBDE-007	42	30	4.8%	0.0%
PBDE-010	42	30	0.0%	0.0%
PBDE-015	42	30	2.4%	0.0%
PBDE-017	64	30	7.8%	0.0%
PBDE-028	64	30	15.6%	0.0%
PBDE-030	64	30	3.1%	0.0%
PBDE-047	64	30	14.1%	3.3%
PBDE-049	64	30	12.5%	6.7%
PBDE-066	64	30	9.4%	3.3%
PBDE-071	64	30	3.1%	0.0%
PBDE-077	63	30	0.0%	0.0%
PBDE-085	64	30	14.1%	13.3%
PBDE-099	64	30	21.9%	6.7%
PBDE-100	64	30	32.8%	46.7%
PBDE-119	64	30	0.0%	0.0%
PBDE-126	64	30	0.0%	0.0%
PBDE-138	64	30	6.3%	3.3%
PBDE-139	64	30	7.8%	3.3%
PBDE-140	64	30	1.6%	3.3%
PBDE-153	64	30	31.3%	13.3%
PBDE-154	64	30	23.4%	16.7%
PBDE-156/169	64	30	0.0%	0.0%
PBDE-171	64	30	4.7%	0.0%
PBDE-180	64	30	10.9%	0.0%
PBDE-183	64	30	12.5%	3.3%
PBDE-184	64	30	0.0%	0.0%
PBDE-191	64	30	3.1%	0.0%
PBDE-196	64	30	7.8%	0.0%
PBDE-197/204	64	30	9.4%	0.0%
PBDE-201	64	30	7.8%	0.0%
PBDE-203	64	30	10.9%	3.3%
PBDE-205	64	30	0.0%	0.0%
PBDE-206	64	30	10.9%	3.3%
PBDE-207	64	30	14.1%	3.3%
PBDE-208	64	30	12.5%	3.3%
PBDE-209	64	30	34.4%	20.0%
Total PBDEs	64	31	65.6%	48.4%
Polycyclic Aromatic Hydrocarbons				
Acenaphthene	96	30	0.0%	3.3%
Acenaphthylene	89	30	0.0%	0.0%
Anthracene	96	30	7.3%	0.0%
Benzo(a)anthracene	96	30	24.0%	0.0%
Benzo(a)pyrene	96	30	20.8%	0.0%
Benzo(b)fluoranthene	96	30	27.1%	0.0%
Benzo(ghi)perylene	96	30	22.9%	0.0%

Table K-1. Percent detect results for samples collected during storm event and baseflow conditions for the Phase 3 study of toxics in surface runoff to Puget Sound.

	n		Percent Detected	
Parameter Name	**Storm**	**Base**	**Storm**	**Base**
Polycyclic Aromatic Hydrocarbons (cont.)				
Benzo(k)fluoranthene	96	30	15.6%	0.0%
Chrysene	96	30	24.0%	0.0%
Dibenzo(a,h)anthracene	96	30	6.3%	0.0%
Fluoranthene	96	30	27.1%	6.7%
Fluorene	96	30	3.1%	0.0%
Indeno(1,2,3-cd)pyrene	96	30	20.8%	0.0%
Naphthalene	96	30	17.7%	0.0%
Phenanthrene	96	30	25.0%	6.7%
Pyrene	96	30	28.1%	3.3%
Total PAHs	96	30	44.8%	6.7%
cPAHs				
Benzo(a)anthracene	96	30	24.0%	0.0%
Benzo(a)pyrene	96	30	20.8%	0.0%
Benzo(b)fluoranthene	96	30	27.1%	0.0%
Benzo(k)fluoranthene	96	30	15.6%	0.0%
Chrysene	96	30	24.0%	0.0%
Dibenzo(a,h)anthracene	96	30	6.3%	0.0%
Indeno(1,2,3-cd)pyrene	96	30	20.8%	0.0%
Total cPAHs	96	30	29.2%	0.0%
HPAHs				
Benzo(a)anthracene	96	30	24.0%	0.0%
Benzo(a)pyrene	96	30	20.8%	0.0%
Benzo(b)fluoranthene	96	30	27.1%	0.0%
Benzo(ghi)perylene	96	30	22.9%	0.0%
Benzo(k)fluoranthene	96	30	15.6%	0.0%
Chrysene	96	30	24.0%	0.0%
Dibenzo(a,h)anthracene	96	30	6.3%	0.0%
Fluoranthene	96	30	27.1%	6.7%
Indeno(1,2,3-cd)pyrene	96	30	20.8%	0.0%
Pyrene	96	30	28.1%	3.3%
Total HPAHs	96	30	32.3%	6.7%
LPAHs				
Acenaphthene	96	30	0.0%	3.3%
Acenaphthylene	89	30	0.0%	0.0%
Anthracene	96	30	7.3%	0.0%
Fluorene	96	30	3.1%	0.0%
Naphthalene	96	30	17.7%	0.0%
Phenanthrene	96	30	25.0%	6.7%
Total LPAHs	96	30	40.6%	6.7%
Other Base/Neutral/Acid Extractables				
1,2,4-Trichlorobenzene	96	30	0.0%	0.0%
1,2-Dichlorobenzene	96	30	0.0%	0.0%
1,2-Diphenylhydrazine	96	30	0.0%	0.0%
1,3-Dichlorobenzene	96	30	0.0%	0.0%
1,4-Dichlorobenzene	96	30	0.0%	0.0%
1-Methylnaphthalene	96	30	14.6%	16.7%
2,3,4,5-Tetrachlorophenol	96	30	0.0%	0.0%
2,3,4,6-Tetrachlorophenol	96	30	2.1%	0.0%
2,4,5-Trichlorophenol	96	30	1.0%	0.0%
2,4,6-Trichlorophenol	96	30	0.0%	0.0%

Table K-1. Percent detect results for samples collected during storm event and baseflow conditions for the Phase 3 study of toxics in surface runoff to Puget Sound.

	n		Percent Detected	
Parameter Name	**Storm**	**Base**	**Storm**	**Base**
Other Base/Neutral/Acid Extractables (cont.)				
2,4-Dichlorophenol	96	30	0.0%	3.3%
2,4-Dimethylphenol	96	30	6.3%	0.0%
2,4-Dinitrophenol	96	30	2.1%	0.0%
2,4-Dinitrotoluene	96	30	0.0%	0.0%
2,6-Dinitrotoluene	96	30	0.0%	0.0%
2-Chloronaphthalene	96	30	0.0%	0.0%
2-Chlorophenol	96	30	0.0%	0.0%
2-Methylnaphthalene	88	30	11.4%	13.3%
2-Nitroaniline	96	30	0.0%	0.0%
2-Nitrophenol	96	30	0.0%	0.0%
3,3'-Dichlorobenzidine	72	15	0.0%	0.0%
4,6-Dinitro-2-Methylphenol	96	30	0.0%	0.0%
4-Bromophenyl phenyl ether	96	30	0.0%	0.0%
4-Chloro-3-Methylphenol	96	30	0.0%	0.0%
4-Chloroaniline	24		0.0%	
4-Chlorophenyl-Phenylether	96	30	0.0%	0.0%
4-Nitroaniline	96	30	0.0%	0.0%
4-Nitrophenol	89	30	11.2%	0.0%
Bis(2-Chloroethoxy)Methane	96	30	0.0%	0.0%
Bis(2-Chloroethyl)Ether	96	30	0.0%	0.0%
Bisphenol A	96	30	20.8%	3.3%
Caffeine	96	30	24.0%	3.3%
Carbazole	96	30	15.6%	3.3%
Cholesterol	96	14	78.1%	57.1%
Dibenzofuran	96	30	1.0%	0.0%
Ethanol, 2-Chloro-, Phosphate (3:1)	40		47.5%	
Hexachlorobutadiene	96	30	0.0%	0.0%
Hexachlorocyclopentadiene	96	30	0.0%	0.0%
Hexachloroethane	96	30	0.0%	0.0%
Isophorone	96	30	0.0%	0.0%
m-Nitroaniline	54	30	0.0%	0.0%
Nitrobenzene	96	30	0.0%	0.0%
N-Nitrosodimethylamine	24		0.0%	
N-Nitrosodi-n-propylamine	96	30	0.0%	0.0%
N-Nitrosodiphenylamine	80	14	1.3%	0.0%
p-Cresol	96	30	6.3%	3.3%
Pentachlorophenol	96	30	60.4%	36.7%
Phenol	96	30	9.4%	0.0%
Nonylphenol	96	30	1.0%	0.0%
Retene	96	30	41.7%	0.0%
Triclosan	96	30	1.0%	0.0%
Triethyl citrate	96	30	4.2%	0.0%
Phthalates				
Bis(2-Ethylhexyl) Phthalate	96	30	30.2%	3.3%
Butyl benzyl phthalate	96	30	3.1%	0.0%
Diethyl phthalate	96	30	5.2%	0.0%
Dimethyl phthalate	96	30	4.2%	0.0%
Di-N-Butylphthalate	96	30	0.0%	0.0%
Di-N-Octyl Phthalate	96	30	6.3%	0.0%

Table K-1. Percent detect results for samples collected during storm event and baseflow conditions for the Phase 3 study of toxics in surface runoff to Puget Sound.

	n		Percent Detected	
Parameter Name	**Storm**	**Base**	**Storm**	**Base**
Pesticides				
2,4'-DDD	96	30	3.1%	3.3%
2,4'-DDE	96	30	1.0%	0.0%
2,4'-DDT	96	30	2.1%	0.0%
4,4'-DDD	96	30	6.3%	6.7%
4,4'-DDE	96	30	5.2%	6.7%
4,4'-DDT	96	30	6.3%	0.0%
Aldrin	96	30	0.0%	0.0%
Alpha-BHC	96	30	0.0%	0.0%
Beta-BHC	96	30	0.0%	0.0%
Chlordane, technical	24		0.0%	
Chlorpyrifos	96	30	3.1%	6.7%
Chlorthal-dimethyl	96	30	3.1%	0.0%
cis-Chlordane	96	30	0.0%	0.0%
Cis-Nonachlor	96	30	0.0%	0.0%
DDMU	96	30	0.0%	0.0%
Delta-BHC	96	30	0.0%	0.0%
Dieldrin	96	30	4.2%	6.7%
Endosulfan I	96	30	0.0%	0.0%
Endosulfan II	96	30	0.0%	0.0%
Endosulfan Sulfate	96	30	6.3%	6.7%
Endrin	96	30	0.0%	0.0%
Endrin Aldehyde	96	30	0.0%	0.0%
Endrin Ketone	96	30	0.0%	0.0%
Gamma-BHC (Lindane)	96	30	0.0%	0.0%
Heptachlor	96	30	0.0%	0.0%
Heptachlor Epoxide	96	30	0.0%	0.0%
Hexachlorobenzene	96	30	2.1%	6.7%
Methoxychlor	96	30	0.0%	0.0%
Mirex	96	30	0.0%	0.0%
Oxychlordane	96	30	0.0%	0.0%
Pentachloroanisole	96	30	11.5%	26.7%
Total Chlordane	96	30	0.0%	0.0%
Total DDT	96	30	8.3%	6.7%
Toxaphene	96	30	0.0%	0.0%
trans-Chlordane	96	30	0.0%	0.0%
Trans-Nonachlor	96	30	0.0%	0.0%
Herbicides				
2,4,5-T	96	30	0.0%	0.0%
2,4,5-TP (Silvex)	96	30	0.0%	0.0%
2,4-D	96	30	25.0%	13.3%
2,4-DB	96	30	0.0%	0.0%
3,5-Dichlorobenzoic Acid	96	30	1.0%	0.0%
Acifluorfen (Blazer)	89	30	0.0%	0.0%
Bentazon	96	30	0.0%	0.0%
Bromoxynil	96	30	0.0%	0.0%
Clopyralid	96	30	0.0%	0.0%
Dicamba	96	30	14.6%	16.7%
Dichlorprop	96	30	0.0%	0.0%
Diclofop-Methyl	96	30	0.0%	0.0%
Dinoseb	74	30	0.0%	0.0%

Table K-1. Percent detect results for samples collected during storm event and baseflow conditions for the Phase 3 study of toxics in surface runoff to Puget Sound.

	n		Percent Detected	
Parameter Name	**Storm**	**Base**	**Storm**	**Base**
Herbicides (cont.)				
Ioxynil	96	30	0.0%	0.0%
MCPA	96	30	10.4%	10.0%
MCPP (Mecoprop)	96	30	10.4%	3.3%
Picloram	96	30	0.0%	0.0%
Triclopyr	96	30	37.5%	20.0%
Petroleum and Oil				
#2 Diesel	96	30	0.0%	0.0%
Gasoline	96	30	0.0%	0.0%
Lube Oil (TPH-Dx method)	96	30	16.7%	0.0%
Lube Oil (TPH-DOG method)	96	30	28.1%	3.3%
Oil and Grease	96	30	21.9%	20.0%
Conventionals				
Ammonia	96	30	64.6%	46.7%
Dissolved Organic Carbon	96	30	100.0%	100.0%
Hardness as $CaCO_3$	96	30	100.0%	100.0%
Nitrate-Nitrite as N	96	30	100.0%	100.0%
Ortho-Phosphate	96	30	90.6%	86.7%
Total Organic Carbon	96	30	100.0%	96.7%
Total Persulfate Nitrogen	96	30	100.0%	100.0%
Total Phosphorus	96	30	100.0%	100.0%
Total Suspended Solids	96	30	96.9%	86.7%

Table K-2. Percent detect results for samples collected for each land use type for the Phase 3 study of toxics in surface runoff to Puget Sound.

	n				Percent Detected			
Parameter Name	**Commercial**	**Residential**	**Agricultural**	**Forest**	**Commercial**	**Residential**	**Agricultural**	**Forest**
Metals								
Aluminum Dissolved	4	4		4	25%	50%		50%
Aluminum Total	4	4		4	100%	100%		100%
Arsenic Dissolved	30	32	32	32	100%	97%	100%	100%
Arsenic Total	30	32	32	32	100%	100%	100%	100%
Barium Dissolved	4	4		4	100%	100%		100%
Barium Total	4	4		4	100%	100%		100%
Beryllium Dissolved	4	4		4	0%	0%		0%
Beryllium Total	4	4		4	0%	0%		0%
Cadmium Dissolved	30	32	32	32	87%	0%	34%	0%
Cadmium Total	30	32	32	32	27%	0%	0%	0%
Cobalt Dissolved	4	4		4	50%	100%		50%
Cobalt Total	4	4		4	100%	100%		100%
Copper Dissolved	30	32	32	32	100%	97%	100%	100%
Copper Total	30	32	32	32	100%	100%	100%	100%
Lead Dissolved	30	32	32	32	97%	97%	97%	78%
Lead Total	30	32	32	32	93%	100%	81%	59%
Manganese Dissolved	4	4		4	50%	100%		100%
Manganese Total	4	4		4	100%	100%		100%
Mercury Dissolved	30	32	32	32	80%	69%	100%	53%
Mercury Total	30	32	32	32	100%	97%	100%	88%
Nickel Dissolved	4	4		4	100%	100%		100%
Nickel Total	4	4		4	100%	100%		100%
Selenium Dissolved	4	4		4	0%	0%		0%
Selenium Total	4	4		4	0%	0%		0%
Thallium Dissolved	4	4		4	0%	0%		0%
Thallium Total	4	4		4	0%	0%		25%
Tin Dissolved	4	4		4	0%	0%		0%
Tin Total	4	4		4	0%	0%		0%
Zinc Dissolved	30	32	32	32	100%	100%	100%	69%
Zinc Total	30	32	32	32	100%	56%	84%	16%
Polychlorinated Biphenyls (Congeners)								
PCB-001	16	19	12	19	6%	5%	0%	0%
PCB-002	15	19	12	19	0%	0%	0%	0%
PCB-003	16	19	12	19	6%	0%	0%	0%
PCB-004/010	18	20	12	20	11%	5%	0%	10%
PCB-006	17	20	12	20	0%	5%	0%	0%
PCB-007/009	17	20	12	20	0%	0%	0%	0%
PCB-008/005	18	20	12	20	17%	15%	17%	30%
PCB-011	18	20	12	20	22%	10%	25%	10%
PCB-012/013	17	20	12	20	0%	0%	0%	0%
PCB-014	17	20	12	20	0%	0%	0%	0%
PCB-015	18	20	12	20	11%	5%	0%	0%
PCB-016/032	18	20	12	20	33%	20%	17%	25%
PCB-017	18	20	12	20	33%	20%	17%	20%
PCB-018	18	20	12	20	28%	20%	17%	30%
PCB-019	18	20	12	20	17%	5%	0%	5%
PCB-020/021/033	18	20	12	20	28%	20%	17%	15%
PCB-022	18	20	12	20	22%	5%	0%	5%
PCB-023	17	20	12	20	0%	0%	0%	0%
PCB-024/027	18	20	12	20	6%	0%	0%	0%
PCB-025	18	20	12	20	6%	0%	0%	0%
PCB-026	18	20	12	20	11%	5%	0%	0%
PCB-028	18	20	12	20	44%	30%	17%	15%
PCB-029	17	20	12	20	0%	0%	0%	0%
PCB-030	17	20	12	20	0%	0%	0%	0%
PCB-031	18	20	12	20	44%	25%	17%	20%
PCB-034	17	20	12	20	0%	0%	0%	0%
PCB-035	17	20	12	20	12%	0%	0%	0%
PCB-036	17	20	12	20	6%	0%	0%	0%
PCB-037	18	20	12	20	33%	0%	0%	0%
PCB-038	17	20	12	20	0%	0%	0%	5%
PCB-039	17	20	12	20	0%	0%	0%	0%
PCB-040	18	20	12	20	17%	5%	0%	0%
PCB-041/064/068	18	20	12	20	39%	20%	0%	10%
PCB-042/059	18	20	12	20	22%	5%	0%	0%

Table K-2. Percent detect results for samples collected for each land use type for the Phase 3 study of toxics in surface runoff to Puget Sound.

	n				Percent Detected			
Parameter Name	**Commercial**	**Residential**	**Agricultural**	**Forest**	**Commercial**	**Residential**	**Agricultural**	**Forest**
Polychlorinated Biphenyls (Congeners) (cont.)								
PCB-043/049	18	20	12	20	50%	15%	8%	15%
PCB-044	18	20	12	20	50%	20%	8%	20%
PCB-045	18	20	12	20	0%	5%	0%	0%
PCB-046	18	20	12	20	6%	0%	0%	0%
PCB-047/048/075	18	20	12	20	17%	15%	17%	20%
PCB-050	18	20	12	20	0%	0%	0%	0%
PCB-051	18	20	12	20	6%	0%	0%	0%
PCB-052/073	18	20	12	20	83%	30%	50%	30%
PCB-053	18	20	12	20	22%	5%	0%	0%
PCB-054	18	20	12	20	0%	0%	0%	0%
PCB-055	18	20	12	20	0%	0%	0%	0%
PCB-056/060	18	20	12	20	39%	5%	0%	0%
PCB-057	18	20	12	20	0%	0%	0%	0%
PCB-058	18	20	12	20	0%	0%	0%	0%
PCB-061/074	18	20	12	20	44%	10%	0%	0%
PCB-062	18	20	12	20	0%	0%	0%	0%
PCB-063	18	20	12	20	0%	0%	0%	0%
PCB-065	18	20	12	20	0%	0%	0%	0%
PCB-066/076/080	18	20	12	20	50%	15%	0%	0%
PCB-067	18	20	12	20	0%	0%	0%	0%
PCB-069	18	20	12	20	0%	0%	0%	0%
PCB-070	18	20	12	20	56%	35%	17%	15%
PCB-071	18	20	12	20	22%	5%	0%	0%
PCB-072	18	20	12	20	0%	0%	0%	0%
PCB-077	18	20	12	20	11%	0%	0%	0%
PCB-078	18	20	12	20	0%	0%	0%	0%
PCB-079	18	20	12	20	6%	0%	0%	0%
PCB-081	18	20	12	20	6%	0%	0%	0%
PCB-082	18	20	12	20	33%	0%	0%	0%
PCB-083/108	18	20	12	20	22%	0%	0%	0%
PCB-084	18	20	12	20	67%	20%	8%	5%
PCB-085/120	18	20	12	20	33%	5%	0%	0%
PCB-	18	20	12	20	83%	40%	42%	35%
PCB-088/121	18	20	12	20	0%	0%	0%	0%
PCB-089/090/101	18	20	12	20	89%	40%	50%	45%
PCB-091	18	20	12	20	44%	5%	0%	0%
PCB-092	18	20	12	20	50%	15%	8%	0%
PCB-093/095	18	20	12	20	89%	35%	50%	45%
PCB-094	18	20	12	20	0%	0%	0%	0%
PCB-096	18	20	12	20	0%	0%	0%	0%
PCB-098/102	18	20	12	20	11%	0%	0%	0%
PCB-099	18	20	12	20	72%	25%	17%	10%
PCB-100	18	20	12	20	0%	0%	0%	0%
PCB-103	18	20	12	20	6%	0%	0%	0%
PCB-104	18	20	12	20	0%	0%	0%	0%
PCB-105/127	18	20	12	20	67%	5%	8%	0%
PCB-107/PCB-108	18	20	12	20	22%	0%	0%	0%
PCB-110	18	20	12	20	89%	45%	50%	45%
PCB-112	18	20	12	20	0%	0%	0%	0%
PCB-113	18	20	12	20	0%	0%	0%	0%
PCB-114	18	20	12	20	6%	0%	0%	0%
PCB-115/116	4	4		4	0%	0%		0%
PCB-118/106	18	20	12	20	94%	40%	33%	0%
PCB-119	18	20	12	20	11%	0%	0%	0%
PCB-122	18	20	12	20	0%	0%	0%	0%
PCB-123	18	20	12	20	6%	0%	0%	0%
PCB-124	18	20	12	20	22%	0%	0%	0%
PCB-126	18	20	12	20	17%	0%	0%	0%
PCB-128	18	20	12	20	56%	0%	8%	0%
PCB-129	18	20	12	20	22%	0%	0%	0%
PCB-130	18	20	12	20	28%	0%	0%	0%
PCB-131/142/165	18	20	12	20	6%	0%	0%	0%
PCB-132/168	18	20	12	20	83%	5%	8%	0%
PCB-133	18	20	12	20	11%	0%	0%	0%
PCB-134	18	20	12	20	28%	0%	0%	0%

Table K-2. Percent detect results for samples collected for each land use type for the Phase 3 study of toxics in surface runoff to Puget Sound.

	n				Percent Detected			
Parameter Name	**Commercial**	**Residential**	**Agricultural**	**Forest**	**Commercial**	**Residential**	**Agricultural**	**Forest**
Polychlorinated Biphenyls (Congeners) (cont.)								
PCB-135/144	18	20	12	20	56%	5%	8%	0%
PCB-136	18	20	12	20	50%	0%	8%	0%
PCB-137	18	20	12	20	17%	0%	0%	5%
PCB-138/163/164	18	20	12	20	94%	25%	33%	15%
PCB-139/149	18	20	12	20	89%	30%	42%	20%
PCB-140	18	20	12	20	0%	0%	0%	0%
PCB-141	18	20	12	20	61%	5%	8%	0%
PCB-143	18	20	12	20	6%	0%	0%	0%
PCB-145	18	20	12	20	0%	0%	0%	0%
PCB-146	18	20	12	20	50%	5%	8%	0%
PCB-147	18	20	12	20	11%	0%	0%	0%
PCB-148	18	20	12	20	0%	0%	0%	0%
PCB-150	18	20	12	20	0%	0%	0%	0%
PCB-151	18	20	12	20	61%	5%	8%	0%
PCB-152	18	20	12	20	0%	0%	0%	0%
PCB-153	18	20	12	20	83%	30%	33%	15%
PCB-154	18	20	12	20	0%	0%	0%	0%
PCB-155	18	20	12	20	0%	0%	0%	0%
PCB-156	18	20	12	20	44%	0%	0%	0%
PCB-157	18	20	12	20	17%	0%	0%	0%
PCB-158/160	18	20	12	20	44%	0%	8%	0%
PCB-159	18	20	12	20	0%	0%	0%	0%
PCB-161	18	20	12	20	0%	0%	0%	0%
PCB-162	18	20	12	20	0%	0%	0%	0%
PCB-166	18	20	12	20	0%	0%	0%	0%
PCB-167	18	20	12	20	22%	0%	0%	0%
PCB-169	18	20	12	20	0%	0%	0%	0%
PCB-170/190	18	20	12	20	56%	5%	8%	0%
PCB-171	18	20	12	20	33%	0%	0%	0%
PCB-172/192	18	20	12	20	28%	0%	0%	0%
PCB-173	18	20	12	20	0%	0%	0%	0%
PCB-174	18	20	12	20	56%	5%	8%	0%
PCB-175	18	20	12	20	0%	0%	0%	0%
PCB-176	18	20	12	20	17%	0%	0%	0%
PCB-177	18	20	12	20	44%	5%	8%	0%
PCB-178	18	20	12	20	28%	0%	0%	0%
PCB-179	18	20	12	20	44%	5%	0%	0%
PCB-180	18	20	12	20	89%	15%	8%	0%
PCB-181	18	20	12	20	0%	0%	0%	0%
PCB-182/187	18	20	12	20	56%	5%	8%	0%
PCB-183	18	20	12	20	50%	5%	8%	0%
PCB-184	18	20	12	20	6%	0%	0%	0%
PCB-185	18	20	12	20	6%	0%	0%	0%
PCB-186	18	20	12	20	0%	0%	0%	0%
PCB-188	18	20	12	20	0%	0%	0%	0%
PCB-189	18	20	12	20	6%	0%	0%	0%
PCB-191	18	20	12	20	0%	0%	0%	0%
PCB-193	18	20	12	20	17%	0%	0%	0%
PCB-194	18	20	12	20	44%	0%	0%	0%
PCB-195	18	20	12	20	17%	0%	0%	0%
PCB-196/203	18	20	12	20	44%	0%	0%	0%
PCB-197	18	20	12	20	0%	0%	0%	0%
PCB-198	18	20	12	20	0%	0%	0%	0%
PCB-199	18	20	12	20	0%	0%	0%	0%
PCB-200	18	20	12	20	0%	0%	0%	0%
PCB-201	18	20	12	20	44%	0%	0%	0%
PCB-202	18	20	12	20	6%	0%	0%	0%
PCB-204	18	20	12	20	0%	0%	0%	0%
PCB-205	18	20	12	20	0%	0%	0%	0%
PCB-206	18	20	12	20	28%	0%	0%	0%
PCB-207	18	20	12	20	0%	0%	0%	0%
PCB-208	18	20	12	20	0%	0%	0%	0%
PCB-209	18	20	12	20	17%	0%	0%	0%
Total PCBs	18	20	12	20	100%	65%	75%	60%

Table K-2. Percent detect results for samples collected for each land use type for the Phase 3 study of toxics in surface runoff to Puget Sound.

	n				Percent Detected			
Parameter Name	**Commercial**	**Residential**	**Agricultural**	**Forest**	**Commercial**	**Residential**	**Agricultural**	**Forest**
Polychlorinated Biphenyls Homologs								
Total DiCB	18	20	12	20	44%	25%	42%	30%
Total HpCB	18	20	12	20	89%	15%	8%	0%
Total HxCB	18	20	12	20	100%	35%	42%	25%
Total MoCB	16	19	12	19	6%	5%	0%	0%
Total NoCB	18	20	12	20	28%	0%	0%	0%
Total OcCB	18	20	12	20	44%	0%	0%	0%
Total PeCB	18	20	12	20	100%	55%	50%	45%
Total TeCB	18	20	12	20	89%	40%	50%	45%
Total TrCB	18	20	12	20	67%	30%	17%	35%
Polybrominated Diphenyl Ethers (Congeners)								
PBDE-007	17	19	18	18	6%	0%	6%	0%
PBDE-010	17	19	18	18	0%	0%	0%	0%
PBDE-015	17	19	18	18	6%	0%	0%	0%
PBDE-017	22	24	24	24	18%	0%	4%	0%
PBDE-028	22	24	24	24	27%	0%	13%	4%
PBDE-030	22	24	24	24	0%	0%	8%	0%
PBDE-047	22	24	24	24	27%	0%	8%	8%
PBDE-049	22	24	24	24	32%	0%	4%	8%
PBDE-066	22	24	24	24	23%	0%	4%	4%
PBDE-071	22	24	24	24	9%	0%	0%	0%
PBDE-077	22	24	23	24	0%	0%	0%	0%
PBDE-085	22	24	24	24	36%	4%	8%	8%
PBDE-099	22	24	24	24	36%	13%	8%	13%
PBDE-100	22	24	24	24	77%	25%	33%	17%
PBDE-119	22	24	24	24	0%	0%	0%	0%
PBDE-126	22	24	24	24	0%	0%	0%	0%
PBDE-138	22	24	24	24	9%	0%	4%	8%
PBDE-139	22	24	24	24	14%	0%	4%	8%
PBDE-140	22	24	24	24	5%	0%	0%	4%
PBDE-153	22	24	24	24	55%	13%	21%	17%
PBDE-154	22	24	24	24	41%	17%	13%	17%
PBDE-156/169	22	24	24	24	0%	0%	0%	0%
PBDE-171	22	24	24	24	9%	0%	4%	0%
PBDE-180	22	24	24	24	9%	4%	8%	8%
PBDE-183	22	24	24	24	32%	4%	4%	0%
PBDE-184	22	24	24	24	0%	0%	0%	0%
PBDE-191	22	24	24	24	5%	0%	4%	0%
PBDE-196	22	24	24	24	18%	0%	4%	0%
PBDE-197/204	22	24	24	24	23%	0%	4%	0%
PBDE-201	22	24	24	24	18%	0%	4%	0%
PBDE-203	22	24	24	24	32%	0%	4%	0%
PBDE-205	22	24	24	24	0%	0%	0%	0%
PBDE-206	22	24	24	24	32%	0%	4%	0%
PBDE-207	22	24	24	24	36%	0%	4%	4%
PBDE-208	22	24	24	24	36%	0%	4%	0%
PBDE-209	22	24	24	24	91%	4%	21%	8%
Total PBDEs	22	24	25	24	100%	50%	56%	38%
Polycyclic Aromatic Hydrocarbons								
Acenaphthene	30	32	32	32	3%	0%	0%	0%
Acenaphthylene	29	30	30	30	0%	0%	0%	0%
Anthracene	30	32	32	32	13%	6%	3%	0%
Benzo(a)anthracene	30	32	32	32	67%	6%	3%	0%
Benzo(a)pyrene	30	32	32	32	57%	9%	0%	0%
Benzo(b)fluoranthene	30	32	32	32	70%	16%	0%	0%
Benzo(ghi)perylene	30	32	32	32	63%	9%	0%	0%
Benzo(k)fluoranthene	30	32	32	32	43%	6%	0%	0%
Chrysene	30	32	32	32	67%	9%	0%	0%
Dibenzo(a,h)anthracene	30	32	32	32	20%	0%	0%	0%
Fluoranthene	30	32	32	32	77%	13%	3%	0%
Fluorene	30	32	32	32	10%	0%	0%	0%
Indeno(1,2,3-cd)pyrene	30	32	32	32	57%	9%	0%	0%
Naphthalene	30	32	32	32	10%	13%	16%	16%
Phenanthrene	30	32	32	32	83%	3%	0%	0%
Pyrene	30	32	32	32	80%	13%	0%	0%

Table K-2. Percent detect results for samples collected for each land use type for the Phase 3 study of toxics in surface runoff to Puget Sound.

	n				Percent Detected			
Parameter Name	**Commercial**	**Residential**	**Agricultural**	**Forest**	**Commercial**	**Residential**	**Agricultural**	**Forest**
Polycyclic Aromatic Hydrocarbons (cont.)								
Total PAHs	30	32	32	32	83%	31%	16%	16%
cPAHs								
Benzo(a)anthracene	30	32	32	32	67%	6%	3%	0%
Benzo(a)pyrene	30	32	32	32	57%	9%	0%	0%
Benzo(b)fluoranthene	30	32	32	32	70%	16%	0%	0%
Benzo(k)fluoranthene	30	32	32	32	43%	6%	0%	0%
Chrysene	30	32	32	32	67%	9%	0%	0%
Dibenzo(a,h)anthracene	30	32	32	32	20%	0%	0%	0%
Indeno(1,2,3-cd)pyrene	30	32	32	32	57%	9%	0%	0%
Total cPAHs	30	32	32	32	73%	16%	3%	0%
HPAHs								
Benzo(a)anthracene	30	32	32	32	67%	6%	3%	0%
Benzo(a)pyrene	30	32	32	32	57%	9%	0%	0%
Benzo(b)fluoranthene	30	32	32	32	70%	16%	0%	0%
Benzo(ghi)perylene	30	32	32	32	63%	9%	0%	0%
Benzo(k)fluoranthene	30	32	32	32	43%	6%	0%	0%
Chrysene	30	32	32	32	67%	9%	0%	0%
Dibenzo(a,h)anthracene	30	32	32	32	20%	0%	0%	0%
Fluoranthene	30	32	32	32	77%	13%	3%	0%
Indeno(1,2,3-cd)pyrene	30	32	32	32	57%	9%	0%	0%
Pyrene	30	32	32	32	80%	13%	0%	0%
Total HPAHs	30	32	32	32	83%	19%	6%	0%
LPAHs								
Acenaphthene	30	32	32	32	3%	0%	0%	0%
Acenaphthylene	29	30	30	30	0%	0%	0%	0%
Anthracene	30	32	32	32	13%	6%	3%	0%
Fluorene	30	32	32	32	10%	0%	0%	0%
Naphthalene	30	32	32	32	10%	13%	16%	16%
Phenanthrene	30	32	32	32	83%	3%	0%	0%
Total LPAHs	30	32	32	32	83%	19%	16%	16%
Other Base/Neutral/Acid Extractables								
1,2,4-Trichlorobenzene	30	32	32	32	0%	0%	0%	0%
1,2-Dichlorobenzene	30	32	32	32	0%	0%	0%	0%
1,2-Diphenylhydrazine	30	32	32	32	0%	0%	0%	0%
1,3-Dichlorobenzene	30	32	32	32	0%	0%	0%	0%
1,4-Dichlorobenzene	30	32	32	32	0%	0%	0%	0%
1-Methylnaphthalene	30	32	32	32	27%	22%	6%	6%
2,3,4,5-Tetrachlorophenol	30	32	32	32	0%	0%	0%	0%
2,3,4,6-Tetrachlorophenol	30	32	32	32	0%	0%	3%	3%
2,4,5-Trichlorophenol	30	32	32	32	0%	0%	0%	3%
2,4,6-Trichlorophenol	30	32	32	32	0%	0%	0%	0%
2,4-Dichlorophenol	30	32	32	32	0%	0%	3%	0%
2,4-Dimethylphenol	30	32	32	32	13%	6%	0%	0%
2,4-Dinitrophenol	30	32	32	32	7%	0%	0%	0%
2,4-Dinitrotoluene	30	32	32	32	0%	0%	0%	0%
2,6-Dinitrotoluene	30	32	32	32	0%	0%	0%	0%
2-Chloronaphthalene	30	32	32	32	0%	0%	0%	0%
2-Chlorophenol	30	32	32	32	0%	0%	0%	0%
2-Methylnaphthalene	28	30	30	30	25%	17%	3%	3%
2-Nitroaniline	30	32	32	32	0%	0%	0%	0%
2-Nitrophenol	30	32	32	32	0%	0%	0%	0%
3,3'-Dichlorobenzidine	16	23	24	24	0%	0%	0%	0%
4,6-Dinitro-2-Methylphenol	30	32	32	32	0%	0%	0%	0%
4-Bromophenyl phenyl ether	30	32	32	32	0%	0%	0%	0%
4-Chloro-3-Methylphenol	30	32	32	32	0%	0%	0%	0%
4-Chloroaniline	6	6	6	6	0%	0%	0%	0%
4-Chlorophenyl-Phenylether	30	32	32	32	0%	0%	0%	0%
4-Nitroaniline	30	32	32	32	0%	0%	0%	0%
4-Nitrophenol	29	30	30	30	34%	0%	0%	0%
Bis(2-Chloroethoxy)Methane	30	32	32	32	0%	0%	0%	0%
Bis(2-Chloroethyl)Ether	30	32	32	32	0%	0%	0%	0%
Bisphenol A	30	32	32	32	50%	6%	6%	6%
Caffeine	30	32	32	32	80%	0%	0%	0%
Carbazole	30	32	32	32	37%	3%	9%	3%

Table K-2. Percent detect results for samples collected for each land use type for the Phase 3 study of toxics in surface runoff to Puget Sound.

	n				Percent Detected			
Parameter Name	**Commercial**	**Residential**	**Agricultural**	**Forest**	**Commercial**	**Residential**	**Agricultural**	**Forest**
Other Base/Neutral/Acid Extractables (cont.)								
Cholesterol	26	28	28	28	88%	75%	100%	39%
Dibenzofuran	30	32	32	32	0%	3%	0%	0%
Ethanol, 2-Chloro-, Phosphate (3:1)	10	10	10	10	70%	40%	40%	40%
Hexachlorobutadiene	30	32	32	32	0%	0%	0%	0%
Hexachlorocyclopentadiene	30	32	32	32	0%	0%	0%	0%
Hexachloroethane	30	32	32	32	0%	0%	0%	0%
Isophorone	30	32	32	32	0%	0%	0%	0%
m-Nitroaniline	18	22	22	22	0%	0%	0%	0%
Nitrobenzene	30	32	32	32	0%	0%	0%	0%
N-Nitrosodimethylamine	6	6	6	6	0%	0%	0%	0%
N-Nitrosodi-n-propylamine	30	32	32	32	0%	0%	0%	0%
N-Nitrosodiphenylamine	22	24	24	24	5%	0%	0%	0%
p-Cresol	30	32	32	32	10%	3%	6%	3%
Pentachlorophenol	30	32	32	32	77%	47%	91%	6%
Phenol	30	32	32	32	17%	3%	9%	0%
Nonylphenol	30	32	32	32	3%	0%	0%	0%
Retene	30	32	32	32	50%	38%	13%	28%
Triclosan	30	32	32	32	0%	3%	0%	0%
Triethyl citrate	30	32	32	32	10%	0%	3%	0%
Phthalates								
Bis(2-Ethylhexyl) Phthalate	30	32	32	32	43%	16%	19%	19%
Butyl benzyl phthalate	30	32	32	32	10%	0%	0%	0%
Diethyl phthalate	30	32	32	32	10%	3%	0%	3%
Dimethyl phthalate	30	32	32	32	13%	0%	0%	0%
Di-N-Butylphthalate	30	32	32	32	0%	0%	0%	0%
Di-N-Octyl Phthalate	30	32	32	32	13%	3%	0%	3%
Pesticides								
2,4'-DDD	30	32	32	32	10%	0%	0%	3%
2,4'-DDE	30	32	32	32	3%	0%	0%	0%
2,4'-DDT	30	32	32	32	7%	0%	0%	0%
4,4'-DDD	30	32	32	32	27%	0%	0%	0%
4,4'-DDE	30	32	32	32	20%	0%	3%	0%
4,4'-DDT	30	32	32	32	17%	0%	3%	0%
Aldrin	30	32	32	32	0%	0%	0%	0%
Alpha-BHC	30	32	32	32	0%	0%	0%	0%
Beta-BHC	30	32	32	32	0%	0%	0%	0%
Chlordane, technical	6	6	6	6	0%	0%	0%	0%
Chlorpyrifos	30	32	32	32	13%	3%	0%	0%
Chlorthal-dimethyl	30	32	32	32	10%	0%	0%	0%
cis-Chlordane	30	32	32	32	0%	0%	0%	0%
Cis-Nonachlor	30	32	32	32	0%	0%	0%	0%
DDMU	30	32	32	32	0%	0%	0%	0%
Delta-BHC	30	32	32	32	0%	0%	0%	0%
Dieldrin	30	32	32	32	3%	0%	16%	0%
Endosulfan I	30	32	32	32	0%	0%	0%	0%
Endosulfan II	30	32	32	32	0%	0%	0%	0%
Endosulfan Sulfate	30	32	32	32	13%	6%	3%	3%
Endrin	30	32	32	32	0%	0%	0%	0%
Endrin Aldehyde	30	32	32	32	0%	0%	0%	0%
Endrin Ketone	30	32	32	32	0%	0%	0%	0%
Gamma-BHC (Lindane)	30	32	32	32	0%	0%	0%	0%
Heptachlor	30	32	32	32	0%	0%	0%	0%
Heptachlor Epoxide	30	32	32	32	0%	0%	0%	0%
Hexachlorobenzene	30	32	32	32	3%	0%	3%	6%
Methoxychlor	30	32	32	32	0%	0%	0%	0%
Mirex	30	32	32	32	0%	0%	0%	0%
Oxychlordane	30	32	32	32	0%	0%	0%	0%
Pentachloroanisole	30	32	32	32	20%	6%	34%	0%
Total Chlordane	30	32	32	32	0%	0%	0%	0%
Total DDT	30	32	32	32	27%	0%	3%	3%
Toxaphene	30	32	32	32	0%	0%	0%	0%
trans-Chlordane	30	32	32	32	0%	0%	0%	0%
Trans-Nonachlor	30	32	32	32	0%	0%	0%	0%

Table K-2. Percent detect results for samples collected for each land use type for the Phase 3 study of toxics in surface runoff to Puget Sound.

	n				Percent Detected			
Parameter Name	**Commercial**	**Residential**	**Agricultural**	**Forest**	**Commercial**	**Residential**	**Agricultural**	**Forest**
Herbicides								
2,4,5-T	30	32	32	32	0%	0%	0%	0%
2,4,5-TP (Silvex)	30	32	32	32	0%	0%	0%	0%
2,4-D	30	32	32	32	50%	25%	16%	0%
2,4-DB	30	32	32	32	0%	0%	0%	0%
3,5-Dichlorobenzoic Acid	30	32	32	32	3%	0%	0%	0%
Acifluorfen (Blazer)	29	30	30	30	0%	0%	0%	0%
Bentazon	30	32	32	32	0%	0%	0%	0%
Bromoxynil	30	32	32	32	0%	0%	0%	0%
Clopyralid	30	32	32	32	0%	0%	0%	0%
Dicamba	30	32	32	32	20%	22%	19%	0%
Dichlorprop	30	32	32	32	0%	0%	0%	0%
Diclofop-Methyl	30	32	32	32	0%	0%	0%	0%
Dinoseb	26	26	26	26	0%	0%	0%	0%
Ioxynil	30	32	32	32	0%	0%	0%	0%
MCPA	30	32	32	32	13%	19%	9%	0%
MCPP (Mecoprop)	30	32	32	32	10%	22%	3%	0%
Picloram	30	32	32	32	0%	0%	0%	0%
Triclopyr	30	32	32	32	47%	41%	31%	16%
Petroleum and Oil								
#2 Diesel	30	32	32	32	0%	0%	0%	0%
Gasoline	30	32	32	32	0%	0%	0%	0%
Lube Oil (TPH-Dx method)	30	32	32	32	53%	0%	0%	0%
Lube Oil (TPH-DOG method)	30	32	32	32	60%	13%	9%	9%
Oil and Grease	30	32	32	32	33%	22%	13%	19%
Conventionals								
Ammonia	30	32	32	32	77%	47%	97%	22%
Dissolved Organic Carbon	30	32	32	32	100%	100%	100%	100%
Hardness as $CaCO_3$	30	32	32	32	100%	100%	100%	100%
Nitrate-Nitrite as N	30	32	32	32	100%	100%	100%	100%
Ortho-Phosphate	30	32	32	32	100%	100%	100%	59%
Total Organic Carbon	30	32	32	32	100%	97%	100%	100%
Total Persulfate Nitrogen	30	32	32	32	100%	100%	100%	100%
Total Phosphorus	30	32	32	32	100%	100%	100%	100%
Total Suspended Solids	30	32	32	32	87%	100%	97%	94%

Table K-3. Percent detect results for samples collected in each watershed for the Phase 3 study of toxics in surface runoff to Puget Sound.

	n		Percent Detected	
Parameter Name	**Snohomish**	**Puyallup**	**Snohomish**	**Puyallup**
Metals				
Aluminum Dissolved	6	6	33%	50%
Aluminum Total	6	6	100%	100%
Arsenic Dissolved	63	63	98%	100%
Arsenic Total	63	63	100%	100%
Barium Dissolved	6	6	100%	100%
Barium Total	6	6	100%	100%
Beryllium Dissolved	6	6	0%	0%
Beryllium Total	6	6	0%	0%
Cadmium Dissolved	63	63	32%	27%
Cadmium Total	63	63	10%	3%
Cobalt Dissolved	6	6	50%	83%
Cobalt Total	6	6	100%	100%
Copper Dissolved	63	63	98%	100%
Copper Total	63	63	100%	100%
Lead Dissolved	63	63	92%	92%
Lead Total	63	63	79%	87%
Manganese Dissolved	6	6	67%	100%
Manganese Total	6	6	100%	100%
Mercury Dissolved	63	63	75%	76%
Mercury Total	63	63	97%	95%
Nickel Dissolved	6	6	100%	100%
Nickel Total	6	6	100%	100%
Selenium Dissolved	6	6	0%	0%
Selenium Total	6	6	0%	0%
Thallium Dissolved	6	6	0%	0%
Thallium Total	6	6	0%	17%
Tin Dissolved	6	6	0%	0%
Tin Total	6	6	0%	0%
Zinc Dissolved	63	63	86%	98%
Zinc Total	63	63	67%	60%
Polychlorinated Biphenyls (Congeners)				
PCB-001	33	33	3%	3%
PCB-002	33	32	0%	0%
PCB-003	33	33	0%	3%
PCB-004/010	35	35	6%	9%
PCB-006	35	34	3%	0%
PCB-007/009	35	34	0%	0%
PCB-008/005	35	35	11%	29%
PCB-011	35	35	17%	14%
PCB-012/013	35	34	0%	0%
PCB-014	35	34	0%	0%
PCB-015	35	35	6%	3%
PCB-016/032	35	35	14%	34%
PCB-017	35	35	11%	34%
PCB-018	35	35	14%	34%
PCB-019	35	35	9%	6%
PCB-020/021/033	35	35	9%	31%
PCB-022	35	35	6%	11%
PCB-023	35	34	0%	0%
PCB-024/027	35	35	0%	3%
PCB-025	35	35	0%	3%
PCB-026	35	35	6%	3%
PCB-028	35	35	9%	46%
PCB-029	35	34	0%	0%
PCB-030	35	34	0%	0%
PCB-031	35	35	9%	46%
PCB-034	35	34	0%	0%
PCB-035	35	34	6%	0%
PCB-036	35	34	3%	0%
PCB-037	35	35	6%	11%
PCB-038	35	34	3%	0%

Table K-3. Percent detect results for samples collected in each watershed for the Phase 3 study of toxics in surface runoff to Puget Sound.

	n		Percent Detected	
Parameter Name	**Snohomish**	**Puyallup**	**Snohomish**	**Puyallup**
Polychlorinated Biphenyls (Congeners) (cont.)				
PCB-039	35	34	0%	0%
PCB-040	35	35	11%	0%
PCB-041/064/068	35	35	17%	20%
PCB-042/059	35	35	11%	3%
PCB-043/049	35	35	20%	26%
PCB-044	35	35	26%	26%
PCB-045	35	35	3%	0%
PCB-046	35	35	3%	0%
PCB-047/048/075	35	35	6%	29%
PCB-050	35	35	0%	0%
PCB-051	35	35	3%	0%
PCB-052/073	35	35	34%	60%
PCB-053	35	35	14%	0%
PCB-054	35	35	0%	0%
PCB-055	35	35	0%	0%
PCB-056/060	35	35	17%	6%
PCB-057	35	35	0%	0%
PCB-058	35	35	0%	0%
PCB-061/074	35	35	17%	11%
PCB-062	35	35	0%	0%
PCB-063	35	35	0%	0%
PCB-065	35	35	0%	0%
PCB-066/076/080	35	35	20%	14%
PCB-067	35	35	0%	0%
PCB-069	35	35	0%	0%
PCB-070	35	35	23%	40%
PCB-071	35	35	11%	3%
PCB-072	35	35	0%	0%
PCB-077	35	35	6%	0%
PCB-078	35	35	0%	0%
PCB-079	35	35	3%	0%
PCB-081	35	35	3%	0%
PCB-082	35	35	9%	9%
PCB-083/108	35	35	9%	3%
PCB-084	35	35	26%	26%
PCB-085/120	35	35	9%	11%
PCB-	35	35	31%	69%
PCB-088/121	35	35	0%	0%
PCB-089/090/101	35	35	40%	71%
PCB-091	35	35	14%	11%
PCB-092	35	35	20%	17%
PCB-093/095	35	35	37%	71%
PCB-094	35	35	0%	0%
PCB-096	35	35	0%	0%
PCB-098/102	35	35	6%	0%
PCB-099	35	35	26%	37%
PCB-100	35	35	0%	0%
PCB-103	35	35	3%	0%
PCB-104	35	35	0%	0%
PCB-105/127	35	35	20%	20%
PCB-107/PCB-108	35	35	9%	3%
PCB-110	35	35	40%	74%
PCB-112	35	35	0%	0%
PCB-113	35	35	0%	0%
PCB-114	35	35	3%	0%
PCB-115/116	6	6	0%	0%
PCB-118/106	35	35	34%	49%
PCB-119	35	35	6%	0%
PCB-122	35	35	0%	0%
PCB-123	35	35	3%	0%
PCB-124	35	35	9%	3%

Table K-3. Percent detect results for samples collected in each watershed for the Phase 3 study of toxics in surface runoff to Puget Sound.

	n		Percent Detected	
Parameter Name	**Snohomish**	**Puyallup**	**Snohomish**	**Puyallup**
Polychlorinated Biphenyls (Congeners) (cont.)				
PCB-126	35	35	9%	0%
PCB-128	35	35	17%	14%
PCB-129	35	35	9%	3%
PCB-130	35	35	9%	6%
PCB-131/142/165	35	35	3%	0%
PCB-132/168	35	35	26%	23%
PCB-133	35	35	6%	0%
PCB-134	35	35	9%	6%
PCB-135/144	35	35	14%	20%
PCB-136	35	35	11%	17%
PCB-137	35	35	9%	3%
PCB-138/163/164	35	35	40%	43%
PCB-139/149	35	35	40%	49%
PCB-140	35	35	0%	0%
PCB-141	35	35	17%	20%
PCB-143	35	35	3%	0%
PCB-145	35	35	0%	0%
PCB-146	35	35	17%	14%
PCB-147	35	35	6%	0%
PCB-148	35	35	0%	0%
PCB-150	35	35	0%	0%
PCB-151	35	35	17%	20%
PCB-152	35	35	0%	0%
PCB-153	35	35	40%	40%
PCB-154	35	35	0%	0%
PCB-155	35	35	0%	0%
PCB-156	35	35	14%	9%
PCB-157	35	35	9%	0%
PCB-158/160	35	35	11%	14%
PCB-159	35	35	0%	0%
PCB-161	35	35	0%	0%
PCB-162	35	35	0%	0%
PCB-166	35	35	0%	0%
PCB-167	35	35	9%	3%
PCB-169	35	35	0%	0%
PCB-170/190	35	35	14%	20%
PCB-171	35	35	9%	9%
PCB-172/192	35	35	9%	6%
PCB-173	35	35	0%	0%
PCB-174	35	35	14%	20%
PCB-175	35	35	0%	0%
PCB-176	35	35	6%	3%
PCB-177	35	35	14%	14%
PCB-178	35	35	9%	6%
PCB-179	35	35	14%	11%
PCB-180	35	35	26%	31%
PCB-181	35	35	0%	0%
PCB-182/187	35	35	14%	20%
PCB-183	35	35	14%	17%
PCB-184	35	35	0%	3%
PCB-185	35	35	0%	3%
PCB-186	35	35	0%	0%
PCB-188	35	35	0%	0%
PCB-189	35	35	3%	0%
PCB-191	35	35	0%	0%
PCB-193	35	35	3%	6%
PCB-194	35	35	11%	11%
PCB-195	35	35	3%	6%
PCB-196/203	35	35	11%	11%
PCB-197	35	35	0%	0%
PCB-198	35	35	0%	0%

Table K-3. Percent detect results for samples collected in each watershed for the Phase 3 study of toxics in surface runoff to Puget Sound.

	n		Percent Detected	
Parameter Name	**Snohomish**	**Puyallup**	**Snohomish**	**Puyallup**
Polychlorinated Biphenyls (Congeners) (cont.)				
PCB-199	35	35	0%	0%
PCB-200	35	35	0%	0%
PCB-201	35	35	11%	11%
PCB-202	35	35	0%	3%
PCB-204	35	35	0%	0%
PCB-205	35	35	0%	0%
PCB-206	35	35	9%	6%
PCB-207	35	35	0%	0%
PCB-208	35	35	0%	0%
PCB-209	35	35	3%	6%
Total PCBs	35	35	71%	77%
Polychlorinated Biphenyls Homologs				
Total DiCB	35	35	31%	37%
Total HpCB	35	35	26%	31%
Total HxCB	35	35	49%	51%
Total MoCB	33	33	3%	3%
Total NoCB	35	35	9%	6%
Total OcCB	35	35	11%	11%
Total PeCB	35	35	49%	77%
Total TeCB	35	35	43%	69%
Total TrCB	35	35	29%	49%
Polybrominated Diphenyl Ethers (Congeners)				
PBDE-007	38	34	0%	6%
PBDE-010	38	34	0%	0%
PBDE-015	38	34	3%	0%
PBDE-017	47	47	4%	6%
PBDE-028	47	47	11%	11%
PBDE-030	47	47	4%	0%
PBDE-047	47	47	9%	13%
PBDE-049	47	47	6%	15%
PBDE-066	47	47	4%	11%
PBDE-071	47	47	2%	2%
PBDE-077	47	46	0%	0%
PBDE-085	47	47	11%	17%
PBDE-099	47	47	19%	15%
PBDE-100	47	47	34%	40%
PBDE-119	47	47	0%	0%
PBDE-126	47	47	0%	0%
PBDE-138	47	47	4%	6%
PBDE-139	47	47	6%	6%
PBDE-140	47	47	4%	0%
PBDE-153	47	47	21%	30%
PBDE-154	47	47	26%	17%
PBDE-156/169	47	47	0%	0%
PBDE-171	47	47	2%	4%
PBDE-180	47	47	15%	0%
PBDE-183	47	47	9%	11%
PBDE-184	47	47	0%	0%
PBDE-191	47	47	2%	2%
PBDE-196	47	47	4%	6%
PBDE-197/204	47	47	4%	9%
PBDE-201	47	47	2%	9%
PBDE-203	47	47	9%	9%
PBDE-205	47	47	0%	0%
PBDE-206	47	47	6%	11%
PBDE-207	47	47	9%	13%
PBDE-208	47	47	6%	13%
PBDE-209	47	47	30%	30%
Total PBDEs	47	48	68%	52%
Polycyclic Aromatic Hydrocarbons				
Acenaphthene	63	63	0%	2%

Table K-3. Percent detect results for samples collected in each watershed for the Phase 3 study of toxics in surface runoff to Puget Sound.

	n		Percent Detected	
Parameter Name	**Snohomish**	**Puyallup**	**Snohomish**	**Puyallup**
Polycyclic Aromatic Hydrocarbons (cont.)				
Acenaphthylene	63	56	0%	0%
Anthracene	63	63	0%	11%
Benzo(a)anthracene	63	63	21%	16%
Benzo(a)pyrene	63	63	14%	17%
Benzo(b)fluoranthene	63	63	19%	22%
Benzo(ghi)perylene	63	63	17%	17%
Benzo(k)fluoranthene	63	63	14%	10%
Chrysene	63	63	19%	17%
Dibenzo(a,h)anthracene	63	63	3%	6%
Fluoranthene	63	63	21%	24%
Fluorene	63	63	3%	2%
Indeno(1,2,3-cd)pyrene	63	63	14%	17%
Naphthalene	63	63	14%	13%
Phenanthrene	63	63	17%	24%
Pyrene	63	63	19%	25%
Total PAHs	63	63	33%	38%
cPAHs				
Benzo(a)anthracene	63	63	21%	16%
Benzo(a)pyrene	63	63	14%	17%
Benzo(b)fluoranthene	63	63	19%	22%
Benzo(k)fluoranthene	63	63	14%	10%
Chrysene	63	63	19%	17%
Dibenzo(a,h)anthracene	63	63	3%	6%
Indeno(1,2,3-cd)pyrene	63	63	14%	17%
Total cPAHs	63	63	21%	24%
HPAHs				
Benzo(a)anthracene	63	63	21%	16%
Benzo(a)pyrene	63	63	14%	17%
Benzo(b)fluoranthene	63	63	19%	22%
Benzo(ghi)perylene	63	63	17%	17%
Benzo(k)fluoranthene	63	63	14%	10%
Chrysene	63	63	19%	17%
Dibenzo(a,h)anthracene	63	63	3%	6%
Fluoranthene	63	63	21%	24%
Indeno(1,2,3-cd)pyrene	63	63	14%	17%
Pyrene	63	63	19%	25%
Total HPAHs	63	63	22%	30%
LPAHs				
Acenaphthene	63	63	0%	2%
Acenaphthylene	63	56	0%	0%
Anthracene	63	63	0%	11%
Fluorene	63	63	3%	2%
Naphthalene	63	63	14%	13%
Phenanthrene	63	63	17%	24%
Total LPAHs	63	63	30%	35%
Other Base/Neutral/Acid Extractables				
1,2,4-Trichlorobenzene	63	63	0%	0%
1,2-Dichlorobenzene	63	63	0%	0%
1,2-Diphenylhydrazine	63	63	0%	0%
1,3-Dichlorobenzene	63	63	0%	0%
1,4-Dichlorobenzene	63	63	0%	0%
1-Methylnaphthalene	63	63	14%	16%
2,3,4,5-Tetrachlorophenol	63	63	0%	0%
2,3,4,6-Tetrachlorophenol	63	63	2%	2%
2,4,5-Trichlorophenol	63	63	2%	0%
2,4,6-Trichlorophenol	63	63	0%	0%
2,4-Dichlorophenol	63	63	0%	2%
2,4-Dimethylphenol	63	63	6%	3%
2,4-Dinitrophenol	63	63	3%	0%

Table K-3. Percent detect results for samples collected in each watershed for the Phase 3 study of toxics in surface runoff to Puget Sound.

	n		Percent Detected	
Parameter Name	**Snohomish**	**Puyallup**	**Snohomish**	**Puyallup**
Other Base/Neutral/Acid Extractables (cont.)				
2,4-Dinitrotoluene	63	63	0%	0%
2,6-Dinitrotoluene	63	63	0%	0%
2-Chloronaphthalene	63	63	0%	0%
2-Chlorophenol	63	63	0%	0%
2-Methylnaphthalene	55	63	9%	14%
2-Nitroaniline	63	63	0%	0%
2-Nitrophenol	63	63	0%	0%
3,3'-Dichlorobenzidine	50	37	0%	0%
4,6-Dinitro-2-Methylphenol	63	63	0%	0%
4-Bromophenyl phenyl ether	63	63	0%	0%
4-Chloro-3-Methylphenol	63	63	0%	0%
4-Chloroaniline	16	8	0%	0%
4-Chlorophenyl-Phenylether	63	63	0%	0%
4-Nitroaniline	63	63	0%	0%
4-Nitrophenol	56	63	13%	5%
Bis(2-Chloroethoxy)Methane	63	63	0%	0%
Bis(2-Chloroethyl)Ether	63	63	0%	0%
Bisphenol A	63	63	19%	14%
Caffeine	63	63	17%	21%
Carbazole	63	63	8%	17%
Cholesterol	55	55	73%	78%
Dibenzofuran	63	63	2%	0%
Ethanol, 2-Chloro-, Phosphate (3:1)	24	16	54%	38%
Hexachlorobutadiene	63	63	0%	0%
Hexachlorocyclopentadiene	63	63	0%	0%
Hexachloroethane	63	63	0%	0%
Isophorone	63	63	0%	0%
m-Nitroaniline	39	45	0%	0%
Nitrobenzene	63	63	0%	0%
N-Nitrosodimethylamine	16	8	0%	0%
N-Nitrosodi-n-propylamine	63	63	0%	0%
N-Nitrosodiphenylamine	47	47	0%	2%
p-Cresol	63	63	2%	10%
Pentachlorophenol	63	63	62%	48%
Phenol	63	63	8%	6%
Nonylphenol	63	63	2%	0%
Retene	63	63	32%	32%
Triclosan	63	63	0%	2%
Triethyl citrate	63	63	6%	0%
Phthalates				
Bis(2-Ethylhexyl) Phthalate	63	63	21%	27%
Butyl benzyl phthalate	63	63	2%	3%
Diethyl phthalate	63	63	5%	3%
Dimethyl phthalate	63	63	6%	0%
Di-N-Butylphthalate	63	63	0%	0%
Di-N-Octyl Phthalate	63	63	10%	0%
Pesticides				
2,4'-DDD	63	63	0%	6%
2,4'-DDE	63	63	0%	2%
2,4'-DDT	63	63	0%	3%
4,4'-DDD	63	63	0%	13%
4,4'-DDE	63	63	2%	10%
4,4'-DDT	63	63	2%	8%
Aldrin	63	63	0%	0%
Alpha-BHC	63	63	0%	0%
Beta-BHC	63	63	0%	0%
Chlordane, technical	8	16	0%	0%
Chlorpyrifos	63	63	3%	5%
Chlorthal-dimethyl	63	63	3%	2%

Table K-3. Percent detect results for samples collected in each watershed for the Phase 3 study of toxics in surface runoff to Puget Sound.

	n		Percent Detected	
Parameter Name	**Snohomish**	**Puyallup**	**Snohomish**	**Puyallup**
Pesticides (cont.)				
cis-Chlordane	63	63	0%	0%
Cis-Nonachlor	63	63	0%	0%
DDMU	63	63	0%	0%
Delta-BHC	63	63	0%	0%
Dieldrin	63	63	2%	8%
Endosulfan I	63	63	0%	0%
Endosulfan II	63	63	0%	0%
Endosulfan Sulfate	63	63	2%	11%
Endrin	63	63	0%	0%
Endrin Aldehyde	63	63	0%	0%
Endrin Ketone	63	63	0%	0%
Gamma-BHC (Lindane)	63	63	0%	0%
Heptachlor	63	63	0%	0%
Heptachlor Epoxide	63	63	0%	0%
Hexachlorobenzene	63	63	5%	2%
Methoxychlor	63	63	0%	0%
Mirex	63	63	0%	0%
Oxychlordane	63	63	0%	0%
Pentachloroanisole	63	63	14%	16%
Total Chlordane	63	63	0%	0%
Total DDT	63	63	2%	14%
Toxaphene	63	63	0%	0%
trans-Chlordane	63	63	0%	0%
Trans-Nonachlor	63	63	0%	0%
Herbicides				
2,4,5-T	63	63	0%	0%
2,4,5-TP (Silvex)	63	63	0%	0%
2,4-D	63	63	19%	25%
2,4-DB	63	63	0%	0%
3,5-Dichlorobenzoic Acid	63	63	0%	2%
Acifluorfen (Blazer)	56	63	0%	0%
Bentazon	63	63	0%	0%
Bromoxynil	63	63	0%	0%
Clopyralid	63	63	0%	0%
Dicamba	63	63	14%	16%
Dichlorprop	63	63	0%	0%
Diclofop-Methyl	63	63	0%	0%
Dinoseb	56	48	0%	0%
Ioxynil	63	63	0%	0%
MCPA	63	63	13%	8%
MCPP (Mecoprop)	63	63	11%	6%
Picloram	63	63	0%	0%
Triclopyr	63	63	27%	40%
Petroleum and Oil				
#2 Diesel	63	63	0%	0%
Gasoline	63	63	0%	0%
Lube Oil (TPH-Dx method)	63	63	16%	10%
Lube Oil (TPH-DOG method)	63	63	32%	13%
Oil and Grease	63	63	24%	19%
Conventionals				
Ammonia	63	63	51%	70%
Dissolved Organic Carbon	63	63	100%	100%
Hardness as $CaCO_3$	63	63	100%	100%
Nitrate-Nitrite as N	63	63	100%	100%
Ortho-Phosphate	63	63	79%	100%
Total Organic Carbon	63	63	100%	98%
Total Persulfate Nitrogen	63	63	100%	100%
Total Phosphorus	63	63	100%	100%
Total Suspended Solids	63	63	90%	98%

Table K-4. Percent detect results for samples collected during each storm event for the Phase 3 study of toxics in surface runoff to Puget Sound.

Parameter Name	Storm Number/ Type 1/ Fall Storm	2/ Winter Storm	3/ Winter Storm	4/ Winter Storm	5/ Spring Storm	6/ Spring Storm
Metals						
Aluminum Dissolved	42%					
Aluminum Total	100%					
Arsenic Dissolved	100%	100%	100%	94%	100%	100%
Arsenic Total	100%	100%	100%	100%	100%	100%
Barium Dissolved	100%					
Barium Total	100%					
Beryllium Dissolved	0%					
Beryllium Total	0%					
Cadmium Dissolved	38%	44%	38%	38%	31%	19%
Cadmium Total	13%	6%	13%	6%	6%	6%
Cobalt Dissolved	67%					
Cobalt Total	100%					
Copper Dissolved	100%	100%	100%	94%	100%	100%
Copper Total	100%	100%	100%	100%	100%	100%
Lead Dissolved	94%	94%	100%	94%	94%	100%
Lead Total	100%	81%	94%	88%	81%	100%
Manganese Dissolved	83%					
Manganese Total	100%					
Mercury Dissolved	81%	88%	88%	81%	69%	81%
Mercury Total	100%	100%	100%	94%	100%	100%
Nickel Dissolved	100%					
Nickel Total	100%					
Selenium Dissolved	0%					
Selenium Total	0%					
Thallium Dissolved	0%					
Thallium Total	8%					
Tin Dissolved	0%					
Tin Total	0%					
Zinc Dissolved	94%	94%	88%	94%	100%	88%
Zinc Total	88%	44%	69%	75%	63%	75%
Polychlorinated Biphenyls (Congeners)						
PCB-001	10%		8%		0%	
PCB-002	0%		0%		0%	
PCB-003	0%		8%		0%	
PCB-004/010	17%		25%		0%	
PCB-006	0%		9%		0%	
PCB-007/009	0%		0%		0%	
PCB-008/005	33%		33%		31%	
PCB-011	25%		8%		19%	
PCB-012/013	0%		0%		0%	
PCB-014	0%		0%		0%	
PCB-015	0%		25%		0%	
PCB-016/032	50%		42%		38%	
PCB-017	50%		33%		38%	
PCB-018	50%		42%		38%	
PCB-019	8%		33%		0%	
PCB-020/021/033	50%		25%		31%	
PCB-022	25%		17%		6%	
PCB-023	0%		0%		0%	
PCB-024/027	0%		8%		0%	
PCB-025	0%		8%		0%	
PCB-026	0%		25%		0%	
PCB-028	50%		42%		38%	
PCB-029	0%		0%		0%	
PCB-030	0%		0%		0%	
PCB-031	50%		42%		44%	
PCB-034	0%		0%		0%	
PCB-035	0%		0%		13%	
PCB-036	0%		0%		6%	
PCB-037	17%		8%		19%	
PCB-038	0%		0%		0%	
PCB-039	0%		0%		0%	
PCB-040	17%		8%		6%	
PCB-041/064/068	42%		33%		13%	
PCB-042/059	25%		8%		6%	
PCB-043/049	50%		50%		19%	
PCB-044	58%		58%		19%	

Table K-4. Percent detect results for samples collected during each storm event for the Phase 3 study of toxics in surface runoff to Puget Sound.

Parameter Name	Storm Number/ Type					
	1/ Fall Storm	2/ Winter Storm	3/ Winter Storm	4/ Winter Storm	5/ Spring Storm	6/ Spring Storm
Polychlorinated Biphenyls (Congeners) (cont.)						
PCB-045	8%		0%		0%	
PCB-046	0%		0%		6%	
PCB-047/048/075	25%		0%		0%	
PCB-050	0%		0%		0%	
PCB-051	0%		0%		6%	
PCB-052/073	58%		67%		50%	
PCB-053	17%		17%		6%	
PCB-054	0%		0%		0%	
PCB-055	0%		0%		0%	
PCB-056/060	25%		17%		19%	
PCB-057	0%		0%		0%	
PCB-058	0%		0%		0%	
PCB-061/074	25%		42%		6%	
PCB-062	0%		0%		0%	
PCB-063	0%		0%		0%	
PCB-065	0%		0%		0%	
PCB-066/076/080	33%		33%		25%	
PCB-067	0%		0%		0%	
PCB-069	0%		0%		0%	
PCB-070	58%		50%		25%	
PCB-071	25%		8%		6%	
PCB-072	0%		0%		0%	
PCB-077	0%		8%		6%	
PCB-078	0%		0%		0%	
PCB-079	0%		0%		6%	
PCB-081	0%		0%		6%	
PCB-082	17%		25%		6%	
PCB-083/108	17%		8%		6%	
PCB-084	50%		50%		13%	
PCB-085/120	25%		25%		6%	
PCB-	67%		58%		50%	
PCB-088/121	0%		0%		0%	
PCB-089/090/101	67%		67%		50%	
PCB-091	17%		42%		13%	
PCB-092	33%		42%		13%	
PCB-093/095	58%		67%		50%	
PCB-094	0%		0%		0%	
PCB-096	0%		0%		0%	
PCB-098/102	8%		8%		0%	
PCB-099	58%		50%		31%	
PCB-100	0%		0%		0%	
PCB-103	0%		0%		6%	
PCB-104	0%		0%		0%	
PCB-105/127	25%		33%		19%	
PCB-107/PCB-108	17%		8%		6%	
PCB-110	67%		67%		56%	
PCB-112	0%		0%		0%	
PCB-113	0%		0%		0%	
PCB-114	0%		0%		6%	
PCB-115/116	0%					
PCB-118/106	58%		58%		38%	
PCB-119	0%		8%		6%	
PCB-122	0%		0%		0%	
PCB-123	0%		0%		6%	
PCB-124	17%		8%		6%	
PCB-126	8%		8%		6%	
PCB-128	17%		25%		13%	
PCB-129	17%		8%		6%	
PCB-130	17%		17%		6%	
PCB-131/142/165	8%		0%		0%	
PCB-132/168	42%		33%		19%	
PCB-133	8%		0%		6%	
PCB-134	17%		17%		6%	
PCB-135/144	33%		25%		19%	
PCB-136	17%		25%		19%	
PCB-137	17%		0%		13%	
PCB-138/163/164	42%		42%		25%	

Table K-4. Percent detect results for samples collected during each storm event for the Phase 3 study of toxics in surface runoff to Puget Sound.

Parameter Name	Storm Number/ Type 1/ Fall Storm	2/ Winter Storm	3/ Winter Storm	4/ Winter Storm	5/ Spring Storm	6/ Spring Storm
Polychlorinated Biphenyls (Congeners) (cont.)						
PCB-139/149	25%		50%		38%	
PCB-140	0%		0%		0%	
PCB-141	33%		25%		19%	
PCB-143	0%		8%		0%	
PCB-145	0%		0%		0%	
PCB-146	25%		25%		13%	
PCB-147	8%		0%		6%	
PCB-148	0%		0%		0%	
PCB-150	0%		0%		0%	
PCB-151	33%		33%		19%	
PCB-152	0%		0%		0%	
PCB-153	42%		50%		19%	
PCB-154	0%		0%		0%	
PCB-155	0%		0%		0%	
PCB-156	17%		25%		13%	
PCB-157	8%		8%		6%	
PCB-158/160	17%		25%		6%	
PCB-159	0%		0%		0%	
PCB-161	0%		0%		0%	
PCB-162	0%		0%		0%	
PCB-166	0%		0%		0%	
PCB-167	17%		8%		6%	
PCB-169	0%		0%		0%	
PCB-170/190	33%		25%		13%	
PCB-171	17%		17%		6%	
PCB-172/192	17%		17%		6%	
PCB-173	0%		0%		0%	
PCB-174	33%		25%		19%	
PCB-175	0%		0%		0%	
PCB-176	17%		0%		6%	
PCB-177	25%		25%		13%	
PCB-178	17%		17%		6%	
PCB-179	25%		25%		13%	
PCB-180	58%		33%		25%	
PCB-181	0%		0%		0%	
PCB-182/187	33%		25%		19%	
PCB-183	33%		25%		13%	
PCB-184	8%		0%		0%	
PCB-185	8%		0%		0%	
PCB-186	0%		0%		0%	
PCB-188	0%		0%		0%	
PCB-189	0%		0%		6%	
PCB-191	0%		0%		0%	
PCB-193	8%		8%		6%	
PCB-194	17%		25%		13%	
PCB-195	8%		8%		6%	
PCB-196/203	17%		25%		13%	
PCB-197	0%		0%		0%	
PCB-198	0%		0%		0%	
PCB-199	0%		0%		0%	
PCB-200	0%		0%		0%	
PCB-201	17%		25%		13%	
PCB-202	8%		0%		0%	
PCB-204	0%		0%		0%	
PCB-205	0%		0%		0%	
PCB-206	17%		8%		13%	
PCB-207	0%		0%		0%	
PCB-208	0%		0%		0%	
PCB-209	8%		8%		6%	
Total PCBs	83%		75%		88%	
Polychlorinated Biphenyls Homologs						
Total DiCB	33%		58%		50%	
Total HpCB	58%		33%		25%	
Total HxCB	50%		50%		44%	
Total MoCB	10%		8%		0%	
Total NoCB	17%		8%		13%	
Total OcCB	17%		25%		13%	

Table K-4. Percent detect results for samples collected during each storm event for the Phase 3 study of toxics in surface runoff to Puget Sound.

Parameter Name	Storm Number/ Type 1/ Fall Storm	2/ Winter Storm	3/ Winter Storm	4/ Winter Storm	5/ Spring Storm	6/ Spring Storm
Polychlorinated Biphenyls Homologs (cont.)						
Total PeCB	83%		75%		63%	
Total TeCB	67%		67%		56%	
Total TrCB	58%		67%		56%	
Polybrominated Diphenyl Ethers (Congeners)						
PBDE-007	13%	0%	0%		0%	
PBDE-010	0%	0%	0%		0%	
PBDE-015	0%	33%	0%		0%	
PBDE-017	19%	0%	6%		6%	
PBDE-028	38%	0%	6%		19%	
PBDE-030	0%	13%	0%		0%	
PBDE-047	25%	0%	19%		13%	
PBDE-049	31%	0%	13%		6%	
PBDE-066	19%	0%	13%		6%	
PBDE-071	6%	0%	0%		6%	
PBDE-077	0%	0%	0%		0%	
PBDE-085	31%	0%	19%		6%	
PBDE-099	25%	0%	31%		31%	
PBDE-100	31%	6%	25%		69%	
PBDE-119	0%	0%	0%		0%	
PBDE-126	0%	0%	0%		0%	
PBDE-138	13%	0%	6%		6%	
PBDE-139	13%	0%	13%		6%	
PBDE-140	0%	0%	0%		6%	
PBDE-153	31%	19%	50%		25%	
PBDE-154	38%	6%	38%		13%	
PBDE-156/169	0%	0%	0%		0%	
PBDE-171	6%	0%	6%		6%	
PBDE-180	0%	38%	0%		6%	
PBDE-183	19%	6%	19%		6%	
PBDE-184	0%	0%	0%		0%	
PBDE-191	6%	0%	0%		6%	
PBDE-196	6%	0%	19%		6%	
PBDE-197/204	13%	0%	13%		13%	
PBDE-201	6%	6%	13%		6%	
PBDE-203	13%	0%	19%		13%	
PBDE-205	0%	0%	0%		0%	
PBDE-206	13%	0%	19%		13%	
PBDE-207	25%	0%	19%		13%	
PBDE-208	19%	0%	19%		13%	
PBDE-209	44%	25%	25%		44%	
Total PBDEs	63%	69%	63%		69%	
Polycyclic Aromatic Hydrocarbons						
Acenaphthene	0%	0%	0%	0%	0%	0%
Acenaphthylene	0%	0%	0%	0%	0%	0%
Anthracene	0%	0%	25%	19%	0%	0%
Benzo(a)anthracene	25%	6%	31%	38%	19%	25%
Benzo(a)pyrene	19%	0%	25%	38%	19%	25%
Benzo(b)fluoranthene	19%	13%	31%	38%	31%	31%
Benzo(ghi)perylene	25%	6%	25%	38%	19%	25%
Benzo(k)fluoranthene	19%	6%	25%	31%	0%	13%
Chrysene	25%	6%	31%	38%	19%	25%
Dibenzo(a,h)anthracene	0%	0%	13%	25%	0%	0%
Fluoranthene	25%	19%	38%	38%	25%	19%
Fluorene	0%	0%	6%	0%	6%	6%
Indeno(1,2,3-cd)pyrene	25%	6%	25%	38%	19%	13%
Naphthalene	0%	0%	75%	25%	0%	6%
Phenanthrene	25%	19%	25%	31%	25%	25%
Pyrene	25%	19%	31%	38%	31%	25%
Total PAHs	25%	19%	88%	69%	31%	38%
cPAHs						
Benzo(a)anthracene	25%	6%	31%	38%	19%	25%
Benzo(a)pyrene	19%	0%	25%	38%	19%	25%
Benzo(b)fluoranthene	19%	13%	31%	38%	31%	31%
Benzo(k)fluoranthene	19%	6%	25%	31%	0%	13%
Chrysene	25%	6%	31%	38%	19%	25%
Dibenzo(a,h)anthracene	0%	0%	13%	25%	0%	0%
Indeno(1,2,3-cd)pyrene	25%	6%	25%	38%	19%	13%

Table K-4. Percent detect results for samples collected during each storm event for the Phase 3 study of toxics in surface runoff to Puget Sound.

Parameter Name	Storm Number/ Type 1/ Fall Storm	2/ Winter Storm	3/ Winter Storm	4/ Winter Storm	5/ Spring Storm	6/ Spring Storm
cPAHs (cont.)						
Total cPAHs	25%	13%	31%	44%	31%	31%
HPAHs						
Benzo(a)anthracene	25%	6%	31%	38%	19%	25%
Benzo(a)pyrene	19%	0%	25%	38%	19%	25%
Benzo(b)fluoranthene	19%	13%	31%	38%	31%	31%
Benzo(ghi)perylene	25%	6%	25%	38%	19%	25%
Benzo(k)fluoranthene	19%	6%	25%	31%	0%	13%
Chrysene	25%	6%	31%	38%	19%	25%
Dibenzo(a,h)anthracene	0%	0%	13%	25%	0%	0%
Fluoranthene	25%	19%	38%	38%	25%	19%
Indeno(1,2,3-cd)pyrene	25%	6%	25%	38%	19%	13%
Pyrene	25%	19%	31%	38%	31%	25%
Total HPAHs	25%	19%	38%	44%	31%	38%
LPAHs						
Acenaphthene	0%	0%	0%	0%	0%	0%
Acenaphthylene	0%	0%	0%	0%	0%	0%
Anthracene	0%	0%	25%	19%	0%	0%
Fluorene	0%	0%	6%	0%	6%	6%
Naphthalene	0%	0%	75%	25%	0%	6%
Phenanthrene	25%	19%	25%	31%	25%	25%
Total LPAHs	25%	19%	88%	63%	25%	25%
Other Base/Neutral/Acid Extractables						
1,2,4-Trichlorobenzene	0%	0%	0%	0%	0%	0%
1,2-Dichlorobenzene	0%	0%	0%	0%	0%	0%
1,2-Diphenylhydrazine	0%	0%	0%	0%	0%	0%
1,3-Dichlorobenzene	0%	0%	0%	0%	0%	0%
1,4-Dichlorobenzene	0%	0%	0%	0%	0%	0%
1-Methylnaphthalene	13%	0%	25%	25%	0%	25%
2,3,4,5-Tetrachlorophenol	0%	0%	0%	0%	0%	0%
2,3,4,6-Tetrachlorophenol	0%	0%	6%	6%	0%	0%
2,4,5-Trichlorophenol	0%	0%	6%	0%	0%	0%
2,4,6-Trichlorophenol	0%	0%	0%	0%	0%	0%
2,4-Dichlorophenol	0%	0%	0%	0%	0%	0%
2,4-Dimethylphenol	0%	31%	6%	0%	0%	0%
2,4-Dinitrophenol	13%	0%	0%	0%	0%	0%
2,4-Dinitrotoluene	0%	0%	0%	0%	0%	0%
2,6-Dinitrotoluene	0%	0%	0%	0%	0%	0%
2-Chloronaphthalene	0%	0%	0%	0%	0%	0%
2-Chlorophenol	0%	0%	0%	0%	0%	0%
2-Methylnaphthalene	13%	0%	19%	6%	0%	25%
2-Nitroaniline	0%	0%	0%	0%	0%	0%
2-Nitrophenol	0%	0%	0%	0%	0%	0%
3,3'-Dichlorobenzidine	0%	0%	0%	0%	0%	0%
4,6-Dinitro-2-Methylphenol	0%	0%	0%	0%	0%	0%
4-Bromophenyl phenyl ether	0%	0%	0%	0%	0%	0%
4-Chloro-3-Methylphenol	0%	0%	0%	0%	0%	0%
4-Chloroaniline	0%	0%				
4-Chlorophenyl-Phenylether	0%	0%	0%	0%	0%	0%
4-Nitroaniline	0%	0%	0%	0%	0%	0%
4-Nitrophenol	13%	0%	11%	19%	6%	19%
Bis(2-Chloroethoxy)Methane	0%	0%	0%	0%	0%	0%
Bis(2-Chloroethyl)Ether	0%	0%	0%	0%	0%	0%
Bisphenol A	44%	19%	19%	13%	19%	13%
Caffeine	25%	25%	25%	19%	25%	25%
Carbazole	19%	0%	19%	31%	6%	19%
Cholesterol	81%	69%	88%	63%	88%	81%
Dibenzofuran	0%	0%	0%	6%	0%	0%
Ethanol, 2-Chloro-, Phosphate (3:1)		38%	75%		13%	
Hexachlorobutadiene	0%	0%	0%	0%	0%	0%
Hexachlorocyclopentadiene	0%	0%	0%	0%	0%	0%
Hexachloroethane	0%	0%	0%	0%	0%	0%
Isophorone	0%	0%	0%	0%	0%	0%
m-Nitroaniline	0%	0%	0%		0%	0%
Nitrobenzene	0%	0%	0%	0%	0%	0%
N-Nitrosodimethylamine	0%	0%				
N-Nitrosodi-n-propylamine	0%	0%	0%	0%	0%	0%

Table K-4. Percent detect results for samples collected during each storm event for the Phase 3 study of toxics in surface runoff to Puget Sound.

Parameter Name	Storm Number/ Type					
	1/ Fall Storm	2/ Winter Storm	3/ Winter Storm	4/ Winter Storm	5/ Spring Storm	6/ Spring Storm
Other Base/Neutral/Acid Extractables (cont.)						
N-Nitrosodiphenylamine	6%	0%		0%	0%	0%
p-Cresol	0%	19%	19%	0%	0%	0%
Pentachlorophenol	56%	56%	63%	75%	44%	69%
Phenol	0%	0%	25%	0%	25%	6%
Nonylphenol	0%	0%	6%	0%	0%	0%
Retene	50%	13%	50%	38%	31%	69%
Triclosan	6%	0%	0%	0%	0%	0%
Triethyl citrate	13%	0%	0%	13%	0%	0%
Phthalates						
Bis(2-Ethylhexyl) Phthalate	31%	0%	100%	13%	6%	31%
Butyl benzyl phthalate	0%	6%	6%	0%	0%	6%
Diethyl phthalate	19%	6%	6%	0%	0%	0%
Dimethyl phthalate	13%	6%	0%	0%	0%	6%
Di-N-Butylphthalate	0%	0%	0%	0%	0%	0%
Di-N-Octyl Phthalate	25%	6%	6%	0%	0%	0%
Pesticides						
2,4'-DDD	0%	6%	0%	0%	6%	6%
2,4'-DDE	0%	0%	0%	0%	0%	6%
2,4'-DDT	0%	0%	6%	0%	0%	6%
4,4'-DDD	6%	6%	6%	6%	6%	6%
4,4'-DDE	6%	0%	6%	0%	6%	13%
4,4'-DDT	6%	0%	6%	6%	6%	13%
Aldrin	0%	0%	0%	0%	0%	0%
Alpha-BHC	0%	0%	0%	0%	0%	0%
Beta-BHC	0%	0%	0%	0%	0%	0%
Chlordane, technical			0%	0%		
Chlorpyrifos	0%	0%	0%	0%	6%	13%
Chlorthal-dimethyl	0%	0%	0%	0%	0%	19%
cis-Chlordane	0%	0%	0%	0%	0%	0%
Cis-Nonachlor	0%	0%	0%	0%	0%	0%
DDMU	0%	0%	0%	0%	0%	0%
Delta-BHC	0%	0%	0%	0%	0%	0%
Dieldrin	0%	0%	0%	0%	13%	13%
Endosulfan I	0%	0%	0%	0%	0%	0%
Endosulfan II	0%	0%	0%	0%	0%	0%
Endosulfan Sulfate	0%	0%	0%	0%	25%	13%
Endrin	0%	0%	0%	0%	0%	0%
Endrin Aldehyde	0%	0%	0%	0%	0%	0%
Endrin Ketone	0%	0%	0%	0%	0%	0%
Gamma-BHC (Lindane)	0%	0%	0%	0%	0%	0%
Heptachlor	0%	0%	0%	0%	0%	0%
Heptachlor Epoxide	0%	0%	0%	0%	0%	0%
Hexachlorobenzene	0%	0%	0%	0%	0%	13%
Methoxychlor	0%	0%	0%	0%	0%	0%
Mirex	0%	0%	0%	0%	0%	0%
Oxychlordane	0%	0%	0%	0%	0%	0%
Pentachloroanisole	0%	0%	0%	0%	25%	44%
Total Chlordane	0%	0%	0%	0%	0%	0%
Total DDT	6%	13%	6%	6%	6%	13%
Toxaphene	0%	0%	0%	0%	0%	0%
trans-Chlordane	0%	0%	0%	0%	0%	0%
Trans-Nonachlor	0%	0%	0%	0%	0%	0%
Herbicides						
2,4,5-T	0%	0%	0%	0%	0%	0%
2,4,5-TP (Silvex)	0%	0%	0%	0%	0%	0%
2,4-D	44%	19%	6%	6%	31%	44%
2,4-DB	0%	0%	0%	0%	0%	0%
3,5-Dichlorobenzoic Acid	0%	0%	0%	6%	0%	0%
Acifluorfen (Blazer)	0%	0%	0%	0%	0%	0%
Bentazon	0%	0%	0%	0%	0%	0%
Bromoxynil	0%	0%	0%	0%	0%	0%
Clopyralid	0%	0%	0%	0%	0%	0%
Dicamba	25%	13%	0%	6%	13%	31%
Dichlorprop	0%	0%	0%	0%	0%	0%
Diclofop-Methyl	0%	0%	0%	0%	0%	0%
Dinoseb	0%	0%	0%	0%	0%	0%

Table K-4. Percent detect results for samples collected during each storm event for the Phase 3 study of toxics in surface runoff to Puget Sound.

Parameter Name	Storm Number/ Type					
	1/ Fall Storm	2/ Winter Storm	3/ Winter Storm	4/ Winter Storm	5/ Spring Storm	6/ Spring Storm
Herbicides (cont.)						
Ioxynil	0%	0%	0%	0%	0%	0%
MCPA	13%	6%	6%	0%	6%	31%
MCPP (Mecoprop)	19%	6%	6%	0%	6%	25%
Picloram	0%	0%	0%	0%	0%	0%
Triclopyr	63%	38%	31%	25%	31%	38%
Petroleum and Oil						
#2 Diesel	0%	0%	0%	0%	0%	0%
Gasoline	0%	0%	0%	0%	0%	0%
Lube Oil (TPH-Dx method)	25%	6%	19%	19%	13%	19%
Lube Oil (TPH-DOG method)	56%	19%	19%	31%	25%	19%
Oil and Grease	69%	0%	13%	31%	13%	6%
Conventionals						
Ammonia	69%	63%	63%	75%	50%	69%
Dissolved Organic Carbon	100%	100%	100%	100%	100%	100%
Hardness as $CaCO_3$	100%	100%	100%	100%	100%	100%
Nitrate-Nitrite as N	100%	100%	100%	100%	100%	100%
Ortho-Phosphate	100%	88%	94%	88%	88%	88%
Total Organic Carbon	100%	100%	100%	100%	100%	100%
Total Persulfate Nitrogen	100%	100%	100%	100%	100%	100%
Total Phosphorus	100%	100%	100%	100%	100%	100%
Total Suspended Solids	100%	100%	94%	94%	94%	100%