

Concentrations of select organochlorine pesticides, total polychlorinated biphenyls (PCBs), and select polybrominated diphenyl ethers (PBDEs) measured by semipermeable membrane devices in the McKenzie River basin, Oregon, during September-October 2007.

[ng/SPMD, nanograms of chemical per deployed SPMD; MDL, method detection limit; MQL, method quantitation limit; "<," compound not present at MDL; NQ, not quantified--compound detected at a level less than the MQL.]

	Water Treatment						MDL (ng/SPMD)	MQL (ng/SPMD)
	Plant Inlet A (ng/SPMD)	Plant Inlet B (ng/SPMD)	Cedar Creek A (ng/SPMD)	Cedar Creek B (ng/SPMD)	Camp Creek A (ng/SPMD)	Camp Creek B (ng/SPMD)		
Trifluralin	NQ	<0.05	<0.05	<0.05	<0.05	<0.05	0.1	0.3
Hexachlorobenzene (HCB)	<0.62	NQ	NQ	NQ	<0.62	<0.62	0.6	1.8
Pentachloroanisole (PCA)	5.9	7.3	20	18	21	18	0.9	2.2
Tefluthrin	<3.8	NQ	<3.8	<3.8	<3.8	<3.8	3.8	8.1
alpha-Benzenehexachloride (a-BHC)	<1.9	<1.9	<1.9	<1.9	NQ	<1.9	1.9	2.5
Diazinon	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.3	1.3
Lindane	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	3.2	6.0
beta-Benzenehexachloride (b-BHC)	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	2.6	6.2
Heptachlor	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.2	1.0
delta-Benzenehexachloride (d-BHC)	NQ	<2.6	<2.6	NQ	<2.6	<2.6	2.6	3.4
Dacthal	<0.27	NQ	NQ	NQ	NQ	NQ	0.3	1.0
Chlorpyrifos	NQ	<0.53	<0.53	NQ	<0.53	NQ	0.5	1.5
Oxychlorthane	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.2	1.0
Heptachlor Epoxide	NQ	NQ	<0.20	<0.20	<0.20	NQ	0.2	1.0
trans-Chlordane	NQ	NQ	NQ	NQ	NQ	1.9	0.7	1.2
trans-Nonachlor	<0.20	<0.20	NQ	NQ	<0.20	1.1	0.2	1.0
o,p'-DDE	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	2.2	5.6
cis-Chlordane	<1.2	<1.2	<1.2	<1.2	<1.2	NQ	1.2	3.0
Endosulfan	<0.20	<0.20	NQ	NQ	NQ	2.5	0.2	1.0
p,p'-DDE	<6.6	<6.6	NQ	NQ	<6.6	NQ	6.6	8.3
Dieldrin	<1.5	<1.5	NQ	NQ	<1.5	<1.5	1.5	3.0
o,p'-DDD	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	13.3
Endrin	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	1.1	3.4
cis-Nonachlor	NQ	<0.44	<0.44	<0.44	<0.44	<0.44	0.4	1.2
o,p'-DDT	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.2	1.0
p,p'-DDD	<2.9	<2.9	NQ	NQ	<2.9	<2.9	2.9	6.7
Endosulfan-II	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.2	1.0
p,p'-DDT	NQ	NQ	NQ	NQ	2.3	NQ	1.7	2.2
Endosulfan Sulfate	<0.20	<0.20	<0.20	<0.20	<0.20	NQ	0.2	1.0
p,p'-Methoxychlor	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2.0	10.0
Mirex	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.2	1.0
cis-Permethrin	<18	<18	<18	<18	<18	<18	18.1	51.6
trans-Permethrin	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	5.5	16.5
Total PCBs	<40	<40	<40	<40	<40	<40	40	200
PBDE-28	NQ	<0.46	<0.46	<0.46	<0.46	<0.46	0.5	1.0
PBDE-47	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	3.6	8.2
PBDE-99	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	2.1	3.7
PBDE-100	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	0.8	2.3
PBDE-153	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	0.2	1.0