

2012 Tissue Concentrations of Organochlorine Pesticides in <i>Mytilus edulis</i> (ng/g dry weight)		ALET Sample # Sample Date Client Sample ID Extraction Date		2012001122 19-Sep-11 MECC-1N 17-May-13	2012001136 19-Sep-11 MEDM-comp 17-May-13	2012001136-Du 19-Sep-11 MEDM-comp 17-May-13	2012001123 19-Sep-11 MECC-2N 17-May-13	2012001124 19-Sep-11 MECC-3N 17-May-13	2012001134 20-Sep-11 MEPH-comp 17-May-13	2012001135 21-Sep-11 MEKN-comp 17-May-13	2012001137 03-Oct-11 MEBB-comp 12-Jun-13	2012001138 22-Sep-11 MEMR-comp 12-Jun-13	2012001139 19-Sep-11 MECK-cmp 12-Jun-13		2012001125 19-Sep-11 NHHS-1N 17-May-13	2012001126 19-Sep-11 NHHS-2N 17-May-13	2012001127 19-Sep-11 NHHS-3N 17-May-13	2012001128 19-Sep-11 NHDP-1N 17-May-13	2012001129 19-Sep-11 NHDP-2N 17-May-13	2012001130 19-Sep-11 NHDP-3N 17-May-13
OC-DDT		Det Limit (ng/g)	Maine												New Hampshire					
a-BHC	2.0		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
HCB	2.4		<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4		<2.4	<2.4	<2.4	<2.4	<2.4	<2.4
g-HCH(Lindane)	1.5		<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5		<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
Heptachlor	2.0		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2
Aldrin	1.5		<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5		<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
HeptachlorEpoxide	1.8		<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8		<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
g-Chlordane	1.5		<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5		<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
o,p'-DDE	1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
a-Endosulfan	1.5		<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5		<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
cis-Chlordane	1.2		<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2		<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
t-Nonachlor	1.4		<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4		<1.4	<1.4	<1.4	<1.4	<1.4	<1.4
p,p'-DDE	1.8		1.9	1.9	1.8	2.2	2.0	5.4	1.8	2.7	2.2	1.9	2.1		2.6	3.0	3.2	3.2	2.5	2.5
Dieldrin	1.4		<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4		<1.4	<1.4	<1.4	<1.4	<1.4	<1.4
o,p'-DDD	4.0		<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0		<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Endrin	2.2		<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2		<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
b-Endosulfan	3.4		<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4		<3.4	<3.4	<3.4	<3.4	<3.4	<3.4
p,p'-DDD	2.0		<2	<2	<2	<2	<2	6.6	<2	8.5	<2	<2	<2		<2	<2	<2	<2	2.3	<2
o,p'-DDT	2.8		<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8		<2.8	<2.8	<2.8	<2.8	<2.8	<2.8
p,p'-DDT	2.5		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Metoxychlor	3.1		4.2	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	10.3	7.9	3.2	<3.1		<3.1	<3.1	<3.1	<3.1	<3.1	<3.1
Mirex	1.5		<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5		<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
Permethrin	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Cypermethrin	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Deltamethrin	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Surrogate % recoveries																				
g-Chlordane			87%	93%	96%	96%	91%	97%	101%	91%	89%	97%		99%	90%	99%	86%	101%	90%	
b-BHC			81%	67%	69%	88%	57%	82%	85%	72%	79%	53%		74%	75%	73%	89%	78%	79%	

2012 Tissue Concentrations of Organochlorine Pesticides in <i>Mytilus edulis</i> (ng/g dry weight)			2012001131	2012001132	2012001133		2012001140	2012001141		2012001142	2012001143	2012001144	2012001145	
			03-Oct-11 MANR-comp 17-May-13	03-Oct-11 MAME-comp 17-May-13	19-Oct-11 MASN-comp 17-May-13		11-Jan-12 NBTC-comp 12-Jun-13	11-Jan-12 NBSC-comp 12-Jun-13		12-Jan-12 NSDI-comp 12-Jun-13	12-Jan-12 NSBI-comp 12-Jun-13	12-Jan-12 NSAR-comp 12-Jun-13	11-Jan-12 NSFI-comp 12-Jun-13	
OC-DDT	Det Limit (ng/g)	Massachussets	New Brunswick			Nova Scotia								
a_BHC	2.0		<2.0	<2.0	<2.0		<2.0	<2.0		<2.0	<2.0	<2.0	<2.0	
HCB	2.4		<2.4	<2.4	<2.4		<2.4	<2.4		<2.4	<2.4	<2.4	<2.4	
g-HCH(Lindane)	1.5		<1.5	<1.5	<1.5		<1.5	<1.5		<1.5	<1.5	<1.5	<1.5	
Heptachlor	2.0		<2	<2	<2		<2	<2		<2	<2	<2	<2	
Aldrin	1.5		<1.5	<1.5	<1.5		<1.5	<1.5		<1.5	<1.5	<1.5	<1.5	
HeptachlorEpoxide	1.8		<1.8	<1.8	<1.8		<1.8	<1.8		<1.8	<1.8	<1.8	<1.8	
g-Chlordane	1.5		8.1	2.2	<1.5		<1.5	<1.5		<1.5	<1.5	<1.5	<1.5	
o,p'-DDE	1.0		<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	
a-Endosulfan	1.5		<1.5	<1.5	<1.5		<1.5	<1.5		<1.5	<1.5	<1.5	<1.5	
cis-Chlordane	1.2		7.1	<1.2	<1.2		<1.2	<1.2		<1.2	<1.2	<1.2	<1.2	
t-Nonachlor	1.4		7.0	1.6	<1.4		<1.4	<1.4		<1.4	<1.4	<1.4	<1.4	
p,p'-DDE	1.8		17.1	5.1	3.2		21.0	1.9		<1.8	1.9	<1.8	2.3	
Dieldrin	1.4		3.0	<1.4	<1.4		8.6	1.6		<1.4	<1.4	1.7	1.4	
o,p'-DDD	4.0		4.6	<4.0	<4.0		<4.0	<4.0		<4.0	<4.0	<4.0	<4.0	
Endrin	2.2		<2.2	<2.2	<2.2		<2.2	<2.2		<2.2	<2.2	<2.2	<2.2	
b-Endosulfan	3.4		<3.4	<3.4	<3.4		<3.4	<3.4		<3.4	<3.4	<3.4	<3.4	
p,p'-DDD	2.0		12.1	2.7	<2		5.9	<2		<2	<2	<2	<2	
o,p'-DDT	2.8		<2.8	<2.8	<2.8		<2.8	<2.8		<2.8	<2.8	<2.8	<2.8	
p,p'-DDT	2.5		5.6	<2.5	<2.5		7.5	<2.5		<2.5	<2.5	<2.5	<2.5	
Metoxychlor	3.1		<3.1	<3.1	<3.1		4.9	<3.1		<3.1	<3.1	<3.1	<3.1	
Mirex	1.5		<1.5	<1.5	<1.5		<1.5	<1.5		<1.5	<1.5	<1.5	<1.5	
Permethrin	5		<5.0	<5.0	<5.0		<5.0	<5.0		<5.0	<5.0	<5.0	<5.0	
Cypermethrin	5		<5.0	<5.0	<5.0		<5.0	<5.0		<5.0	<5.0	<5.0	<5.0	
Deltamethrin	5		<5.0	<5.0	<5.0		<5.0	<5.0		<5.0	<5.0	<5.0	<5.0	
Surrogate % recoveries														
g-Chlordane			124%	94%	95%		97%	95%		91%	93%	91%	86%	
b-BHC			69%	75%	83%		89%	77%		68%	60%	76%	69%	