Weston Field School
Soil Sampling Results
September - November 2011

Parameter	MA Standard[1] RCS-1	TP-7-1 0-1' 9/28/2011	TP-7-1 1-2' 9/28/2011	7-1A 0-1' 11/10/2011	TP-7-2 0-1' 9/28/2011	TP-7-2 1-2' 9/28/2011	7-2-A 0-1' 11/10/2011	TP-7-3 0-1' 9/28/2011	TP-7-3 1-2' 9/28/2011	7-3A 0-1' 11/10/2011	TP-4-1 0-1' 9/28/2011	TP-4-2 0-1' 9/28/2011	TP-4-2 1-2' 9/28/2011	4-2A 0-1' 11/10/2011	TP-4-3 0-1' 9/28/2011	TP-4-4 0-1' 9/28/2011	TP-4-4 1-2' 9/28/2011	4-4A 0-1' 11/10/2011
Organochlorine Pesticides																		
Delta-BHC	10	< 0.01	< 0.01	<0.009	< 0.01	< 0.01	<0.009	< 0.01	NA	<0.009	< 0.01	< 0.01	NA	<0.009	< 0.01	< 0.01	NA	<0.009
Lindane	0.003	< 0.00	< 0.00	<0.003	< 0.00	< 0.00	<0.003	< 0.00	NA	<0.003	< 0.00	< 0.00	NA	<0.003	< 0.00	< 0.00	NA	<0.003
Alpha-BHC	50	< 0.00	< 0.00	<0.004	< 0.00	< 0.00	<0.004	< 0.00	NA	<0.004	< 0.00	< 0.00	NA	<0.004	< 0.00	< 0.00	NA	<0.004
Beta-BHC	10	< 0.01	< 0.01	<0.009	< 0.01	< 0.01	<0.009	< 0.01	NA	<0.009	< 0.01	< 0.01	NA	<0.009	< 0.01	< 0.01	NA	<0.009
Heptachlor	0.2	< 0.00	< 0.00	<0.005	< 0.00	< 0.00	<0.004	< 0.00	NA	<0.005	< 0.00	< 0.00	NA	<0.005	< 0.00	< 0.00	NA	<0.004
Aldrin	0.04	< 0.01	< 0.01	<0.009	< 0.01	< 0.01	<0.009	< 0.01	NA	<0.009	< 0.01	< 0.01	NA	<0.009	< 0.01	< 0.01	NA	<0.009
Heptachlor epoxide	0.09	0.0277	0.0211	<0.018	0.035	< 0.02	<0.017	< 0.02	NA	<0.017	< 0.02	0.038	NA	<0.017	< 0.02	< 0.02	NA	0.0244P
Endrin	8	< 0.00	< 0.00	<0.004	< 0.00	< 0.00	<0.004	< 0.00	NA	<0.004	< 0.00	< 0.00	NA	<0.004	< 0.00	< 0.00	NA	<0.004
Endrin ketone	NS	< 0.01	< 0.01	<0.009	< 0.01	< 0.01	<0.009	< 0.01	NA	<0.009	< 0.01	< 0.01	NA	<0.009	< 0.01	< 0.01	NA	<0.009
Dieldrin	0.05	< 0.01	< 0.01	<0.006	< 0.01	< 0.01	<0.006	< 0.01	NA	<0.006	< 0.01	< 0.01	NA	<0.006	< 0.01	< 0.01	NA	<0.006
4,4'-DDE	3	0.0922	< 0.01	0.0643	0.113	< 0.01	0.0626	0.0388	NA	0.116	0.0314	0.0971	NA	0.0529	0.0326	0.0839	NA	0.0991
4,4'-DDD	4	< 0.01	< 0.01	<0.009	< 0.01	< 0.01	<0.009	< 0.01	NA	<0.009	0.025	< 0.01	NA	<0.009	0.0248	< 0.01	NA	<0.009
4,4'-DDT	3	0.0509	0.0294	0.0415	0.0628	0.019	0.0518	0.0234	NA	0.0801	0.0419	0.0579	NA	0.0239	0.0423	0.0439	NA	0.0706P
Endosulfan I	0.5	< 0.01	< 0.01	<0.009	< 0.01	< 0.01	<0.009	< 0.01	NA	<0.009	< 0.01	< 0.01	NA	<0.009	< 0.01	< 0.01	NA	<0.009
Endosulfan II	0.5	< 0.01	< 0.01	<0.009	< 0.01	< 0.01	<0.009	< 0.01	NA	<0.009	< 0.01	< 0.01	NA	<0.009	< 0.01	< 0.01	NA	<0.009
Endosulfan sulfate	NS	< 0.00	< 0.00	<0.004	< 0.00	< 0.00	<0.004	< 0.00	NA	<0.004	< 0.00	< 0.00	NA	<0.004	< 0.00	< 0.00	NA	<0.004
Methoxychlor	200	< 0.02	< 0.02	<0.018	< 0.02	< 0.02	<0.017	< 0.02	NA	<0.017	< 0.02	< 0.02	NA	<0.017	< 0.02	< 0.02	NA	<0.017
Chlordane	0.7	0.768	0.539	0.432	0.912	0.281	0.298	0.23	NA	0.191	0.238	0.623	NA	0.276	0.359	0.258	NA	0.89
Hexachlorobenzene	0.7	< 0.01	< 0.01	<0.009	< 0.01	< 0.01	<0.009	< 0.01	NA	<0.009	< 0.01	< 0.01	NA	<0.009	< 0.01	< 0.01	NA	<0.009
Total Metals																		
Arsenic, Total	20	38	24	18	21	23	15	27	20	20	8.1	30	11	7.1	18	50	36	34
Lead, Total	300	73	NA	70	68	NA	66	59	NA	150	48	54	NA	29	59	67	NA	32

Notes:

[1] Massachusetts Contingency Plan Reportable Concentration for soils classified as S-1

Results in mg/kg

NS = No Standard

NA = Not Analyzed

Highlighted values exceed MA RC-S1 Standards

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September - November 2011

Parameter	MA Standard[1] RCS-1	TP-4-5 0-1' 9/28/2011	TP-4-5 1-2' 9/28/2011	4-5A 0-1' 11/10/2011	4-5C 0-1' 11/10/2011	TP-12-1 0-1' 9/28/2011	TP-12-1 1-2' 9/28/2011	12-1A 0-1' 11/10/2011	TP-12-2 0-1' 9/28/2011	TP-12-2 1-2' 9/28/2011	12-2A 0-1' 11/10/2011	TP-12-3 0-1' 9/28/2011	TP-12-3 1-2' 9/28/2011	12-3A 0-1' 11/10/2011	TP-12-4 0-1' 9/28/2011	12-4A 0-1' 11/10/2011	TP-12-4 1-2' 9/28/2011
Organochlorine Pesticides																	
Delta-BHC	10	< 0.01	NA	<0.010	<0.010	< 0.10	ND	<0.009	< 0.01	< 0.009	<0.009	< 0.010	< 0.008	<0.009	< 0.009	<0.009	< 0.009
Lindane	0.003	< 0.00	NA	<0.003	<0.003	< 0.03	ND	<0.003	< 0.003	< 0.003	<0.003	< 0.003	< 0.003	<0.003	< 0.003	<0.003	< 0.003
Alpha-BHC	50	< 0.00	NA	<0.004	<0.004	< 0.04	ND	<0.004	< 0.004	< 0.004	<0.004	< 0.004	< 0.003	<0.004	< 0.004	<0.004	< 0.004
Beta-BHC	10	< 0.01	NA	<0.010	<0.010	< 0.10	ND	<0.009	< 0.01	< 0.009	<0.009	< 0.010	< 0.008	<0.009	< 0.009	<0.009	< 0.009
Heptachlor	0.2	< 0.00	NA	<0.005	<0.005	< 0.05	0.00982	<0.004	< 0.005	< 0.004	<0.005	0.00809	< 0.004	0.0221	0.0067	0.0102	< 0.005
Aldrin	0.04	< 0.01	NA	<0.010	<0.010	< 0.10	ND	<0.009	< 0.01	< 0.009	<0.009	< 0.010	< 0.008	<0.009	< 0.009	<0.009	< 0.009
Heptachlor epoxide	0.09	0.0248	NA	<0.018	0.0429	0.504	0.114	<0.016	0.0682	0.0623	<0.017	0.128	0.0343	0.132	0.0794	0.172	0.0172
Endrin	8	< 0.00	NA	<0.004	<0.004	< 0.04	ND	<0.004	< 0.00	< 0.004	<0.004	< 0.004	< 0.003	<0.004	< 0.004	<0.004	< 0.004
Endrin ketone	NS	< 0.01	NA	<0.010	<0.010	< 0.10	ND	<0.009	< 0.01	< 0.009	<0.009	< 0.010	< 0.008	<0.009	< 0.009	<0.009	< 0.009
Dieldrin	0.05	< 0.01	NA	<0.006	<0.006	< 0.06	ND	<0.005	< 0.01	< 0.005	<0.006	< 0.006	< 0.005	<0.006	< 0.006	<0.006	< 0.006
4,4'-DDE	3	0.162	NA	0.211	0.551	0.235	0.0651	<0.009	0.066P	< 0.009	0.0194	< 0.010	0.0238	0.102	0.112P	0.157	0.0228P
4,4'-DDD	4	< 0.01	NA	<0.010	<0.010	< 0.10	ND	<0.009	< 0.01	< 0.009	<0.009	< 0.010	< 0.008	<0.009	< 0.009	<0.009	< 0.009
4,4'-DDT	3	0.0773	NA	0.353	0.187	< 0.18	0.0483	<0.016	0.0259	0.0452P	<0.017	0.0399	0.0179	<0.017	0.0467	0.0997	< 0.017
Endosulfan I	0.5	< 0.01	NA	<0.010	<0.010	< 0.10	ND	<0.009	< 0.01	< 0.009	<0.009	< 0.010	< 0.008	<0.009	< 0.009	<0.009	< 0.009
Endosulfan II	0.5	< 0.01	NA	<0.010	<0.010	< 0.10	ND	<0.009	< 0.01	< 0.009	<0.009	< 0.010	< 0.008	<0.009	< 0.009	<0.009	< 0.009
Endosulfan sulfate	NS	< 0.00	NA	<0.004	<0.004	< 0.04	ND	<0.004	< 0.00	< 0.004	<0.004	< 0.004	< 0.003	<0.004	< 0.004	<0.004	< 0.004
Methoxychlor	200	< 0.02	NA	<0.018	<0.019	< 0.18	ND	<0.016	< 0.02	< 0.016	<0.017	< 0.018	< 0.016	<0.017	< 0.017	<0.018	< 0.017
Chlordane	0.7	0.593	NA	0.202	0.736	13.9	2.6	<0.071	1.18	1.6	0.504	2.88	0.81	3.61	1.57	3.28	0.318
Hexachlorobenzene	0.7	< 0.01	NA	<0.010	<0.010	< 0.10	ND	<0.009	< 0.01	< 0.009	<0.009	< 0.010	< 0.008	<0.009	< 0.009	<0.009	< 0.009
Total Metals																	
Arsenic, Total	20	94	22	580	30	10	NA	-	9.6	NA	-	9.9	NA	-	9.2	-	NA
Lead, Total	300	57	NA	59	64	71	NA	15	35	NA	12	56	NA	34	60	64	NA

Notes:

[1] Massachusetts Contingency Plan Reportable

Results in mg/kg

NS = No Standard

NA = Not Analyzed

Highlighted values exceed MA RC-S1 Standar