

Project Location: 240 Oral School Road, Mystic, CT

Sample Description:

Work Order: 13H1103

Date Received: 8/28/2013

Field Sample #: 1287397

Sampled: 8/28/2013 17:00

Sample ID: 13H1103-45

Sample Matrix: Soil

Sample Flags: RL-11, Z-01

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	42	mg/Kg dry	2000		SW-846 8081B	8/29/13	8/31/13 13:44	PJG
Aldrin [1]	ND	11	mg/Kg dry	2000		SW-846 8081B	8/29/13	8/31/13 13:44	PJG
alpha-BHC [2]	ND	11	mg/Kg dry	2000		SW-846 8081B	8/29/13	8/31/13 13:44	PJG
beta-BHC [1]	ND	11	mg/Kg dry	2000		SW-846 8081B	8/29/13	8/31/13 13:44	PJG
delta-BHC [2]	ND	11	mg/Kg dry	2000		SW-846 8081B	8/29/13	8/31/13 13:44	PJG
gamma-BHC (Lindane) [1]	ND	4.2	mg/Kg dry	2000		SW-846 8081B	8/29/13	8/31/13 13:44	PJG
Chlordane [2]	350	42	mg/Kg dry	2000		SW-846 8081B	8/29/13	8/31/13 13:44	PJG
4,4'-DDD [1]	ND	8.5	mg/Kg dry	2000		SW-846 8081B	8/29/13	8/31/13 13:44	PJG
4,4'-DDE [1]	ND	8.5	mg/Kg dry	2000		SW-846 8081B	8/29/13	8/31/13 13:44	PJG
4,4'-DDT [1]	ND	8.5	mg/Kg dry	2000		SW-846 8081B	8/29/13	8/31/13 13:44	PJG
Dieldrin [1]	ND	8.5	mg/Kg dry	2000		SW-846 8081B	8/29/13	8/31/13 13:44	PJG
Endosulfan I [1]	ND	11	mg/Kg dry	2000		SW-846 8081B	8/29/13	8/31/13 13:44	PJG
Endosulfan II [1]	ND	17	mg/Kg dry	2000		SW-846 8081B	8/29/13	8/31/13 13:44	PJG
Endosulfan sulfate [1]	ND	17	mg/Kg dry	2000		SW-846 8081B	8/29/13	8/31/13 13:44	PJG
Endrin [1]	ND	17	mg/Kg dry	2000		SW-846 8081B	8/29/13	8/31/13 13:44	PJG
Endrin aldehyde [1]	ND	17	mg/Kg dry	2000		SW-846 8081B	8/29/13	8/31/13 13:44	PJG
Endrin ketone [1]	ND	17	mg/Kg dry	2000		SW-846 8081B	8/29/13	8/31/13 13:44	PJG
Heptachlor [1]	ND	11	mg/Kg dry	2000		SW-846 8081B	8/29/13	8/31/13 13:44	PJG
Heptachlor epoxide [1]	ND	11	mg/Kg dry	2000		SW-846 8081B	8/29/13	8/31/13 13:44	PJG
Hexachlorobenzene [1]	ND	13	mg/Kg dry	2000		SW-846 8081B	8/29/13	8/31/13 13:44	PJG
Methoxychlor [1]	ND	110	mg/Kg dry	2000		SW-846 8081B	8/29/13	8/31/13 13:44	PJG
Toxaphene [1]	ND	210	mg/Kg dry	2000		SW-846 8081B	8/29/13	8/31/13 13:44	PJG

Surrogates	% Recovery	Recovery Limits	Flag	Date/Time Analyzed
Decachlorobiphenyl [1]	*	30-150	S-01	8/31/13 13:44
Decachlorobiphenyl [2]	*	30-150	S-01	8/31/13 13:44
Tetrachloro-m-xylene [1]	*	30-150	S-01	8/31/13 13:44
Tetrachloro-m-xylene [2]	*	30-150	S-01	8/31/13 13:44

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Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	4.5	2.6	mg/Kg dry	1		SW-846 6010C	8/29/13	8/30/13 16:05	OP
Barium	60	2.6	mg/Kg dry	1		SW-846 6010C	8/29/13	8/30/13 16:05	OP
Cadmium	1.2	0.26	mg/Kg dry	1		SW-846 6010C	8/29/13	8/30/13 16:05	OP
Chromium	75	0.52	mg/Kg dry	1		SW-846 6010C	8/29/13	8/30/13 16:05	OP
Copper	21	0.52	mg/Kg dry	1		SW-846 6010C	8/29/13	8/30/13 16:05	OP
Lead	31	0.77	mg/Kg dry	1		SW-846 6010C	8/29/13	8/30/13 16:05	OP
Mercury	0.42	0.051	mg/Kg dry	2		SW-846 7471B	8/30/13	9/3/13 12:24	SAJ
Nickel	10	0.52	mg/Kg dry	1		SW-846 6010C	8/29/13	8/30/13 16:05	OP
Selenium	ND	5.2	mg/Kg dry	1		SW-846 6010C	8/29/13	8/30/13 16:05	OP
Silver	ND	0.52	mg/Kg dry	1		SW-846 6010C	8/29/13	8/30/13 16:05	OP
Zinc	53	1.0	mg/Kg dry	1		SW-846 6010C	8/29/13	8/30/13 16:05	OP

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Work Order: 13H1103

Date Received: 8/28/2013

Field Sample #: 1287377

Sampled: 8/28/2013 11:45

Sample ID: 13H1103-25

Sample Matrix: Soil

Sample Flags: RL-11

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [2]	ND	9.3	mg/Kg dry	400		SW-846 8081B	8/29/13	9/3/13 13:57	PJG
Aldrin [2]	ND	2.3	mg/Kg dry	400		SW-846 8081B	8/29/13	9/3/13 13:57	PJG
alpha-BHC [2]	ND	2.3	mg/Kg dry	400		SW-846 8081B	8/29/13	9/3/13 13:57	PJG
beta-BHC [2]	ND	2.3	mg/Kg dry	400		SW-846 8081B	8/29/13	9/3/13 13:57	PJG
delta-BHC [2]	ND	2.3	mg/Kg dry	400		SW-846 8081B	8/29/13	9/3/13 13:57	PJG
gamma-BHC (Lindane) [2]	ND	0.93	mg/Kg dry	400		SW-846 8081B	8/29/13	9/3/13 13:57	PJG
Chlordane [2]	66	9.3	mg/Kg dry	400		SW-846 8081B	8/29/13	9/3/13 13:57	PJG
4,4'-DDD [2]	ND	1.9	mg/Kg dry	400		SW-846 8081B	8/29/13	9/3/13 13:57	PJG
4,4'-DDE [2]	ND	1.9	mg/Kg dry	400		SW-846 8081B	8/29/13	9/3/13 13:57	PJG
4,4'-DDT [2]	ND	1.9	mg/Kg dry	400		SW-846 8081B	8/29/13	9/3/13 13:57	PJG
Dieldrin [2]	ND	1.9	mg/Kg dry	400		SW-846 8081B	8/29/13	9/3/13 13:57	PJG
Endosulfan I [2]	ND	2.3	mg/Kg dry	400		SW-846 8081B	8/29/13	9/3/13 13:57	PJG
Endosulfan II [2]	ND	3.7	mg/Kg dry	400		SW-846 8081B	8/29/13	9/3/13 13:57	PJG
Endosulfan sulfate [2]	ND	3.7	mg/Kg dry	400		SW-846 8081B	8/29/13	9/3/13 13:57	PJG
Endrin [2]	ND	3.7	mg/Kg dry	400		SW-846 8081B	8/29/13	9/3/13 13:57	PJG
Endrin aldehyde [2]	ND	3.7	mg/Kg dry	400		SW-846 8081B	8/29/13	9/3/13 13:57	PJG
Endrin ketone [2]	ND	3.7	mg/Kg dry	400		SW-846 8081B	8/29/13	9/3/13 13:57	PJG
Heptachlor [2]	ND	2.3	mg/Kg dry	400		SW-846 8081B	8/29/13	9/3/13 13:57	PJG
Heptachlor epoxide [2]	ND	2.3	mg/Kg dry	400		SW-846 8081B	8/29/13	9/3/13 13:57	PJG
Hexachlorobenzene [2]	ND	2.8	mg/Kg dry	400		SW-846 8081B	8/29/13	9/3/13 13:57	PJG
Methoxychlor [2]	ND	23	mg/Kg dry	400		SW-846 8081B	8/29/13	9/3/13 13:57	PJG
Toxaphene [2]	ND	46	mg/Kg dry	400		SW-846 8081B	8/29/13	9/3/13 13:57	PJG

Surrogates	% Recovery	Recovery Limits	Flag	Date/Time Analyzed
Decachlorobiphenyl [1]	*	30-150	S-01	9/3/13 13:57
Decachlorobiphenyl [2]	*	30-150	S-01	9/3/13 13:57
Tetrachloro-m-xylene [1]	*	30-150	S-01	9/3/13 13:57
Tetrachloro-m-xylene [2]	*	30-150	S-01	9/3/13 13:57

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Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	4.2	2.7	mg/Kg dry	1		SW-846 6010C	8/29/13	8/30/13 10:15	OP
Barium	61	2.7	mg/Kg dry	1		SW-846 6010C	8/29/13	8/30/13 10:15	OP
Cadmium	0.53	0.27	mg/Kg dry	1		SW-846 6010C	8/29/13	8/30/13 10:15	OP
Chromium	22	0.54	mg/Kg dry	1		SW-846 6010C	8/29/13	8/30/13 10:15	OP
Copper	15	0.54	mg/Kg dry	1		SW-846 6010C	8/29/13	8/30/13 10:15	OP
Lead	54	0.80	mg/Kg dry	1		SW-846 6010C	8/29/13	8/30/13 10:15	OP
Mercury	0.19	0.029	mg/Kg dry	1		SW-846 7471B	8/30/13	9/3/13 11:57	SAJ
Nickel	9.9	0.54	mg/Kg dry	1		SW-846 6010C	8/29/13	8/30/13 10:15	OP
Selenium	ND	5.4	mg/Kg dry	1		SW-846 6010C	8/29/13	8/30/13 10:15	OP
Silver	ND	0.54	mg/Kg dry	1		SW-846 6010C	8/29/13	8/30/13 10:15	OP
Zinc	68	1.1	mg/Kg dry	1		SW-846 6010C	8/29/13	8/30/13 10:15	OP