

Monday, September 22, 2014

Vincent Giambrocco  
IEG, LLC  
29 W. Mountain St.  
Worcester MA 01606

**Project Name:** Nichewaug Inn  
**Project #:** 1422.001  
**Project Location:** Petersham MA  
**Control #:** 14090130

**Lab ID:** 14090130

**Date Received:** 9/15/2014

Dear Vincent Giambrocco

Enclosed please find the laboratory results for the above referenced samples that were received by the ChemServe sample custodian on the above referenced date. Any abnormalities to the samples upon receipt would be noted on the enclosed chain of custody document. This report is not valid without a completed chain of custody with the corresponding control number, attached.

All samples analyzed by ChemServe are subject to quality standards. These standards are as stringent or more stringent than those established under NELAC, 40 CFR Part 136, state certification programs, and corresponding methodologies. ChemServe has a written QA/QC Procedures Manual that outlines these standards, and is available for your reference, upon request. Unless otherwise stated on the Chain of Custody or within the report, all holding times, preservation techniques, container types, and analytical methods are analogous with those outlined by NELAC. All units are based on "as received" weight unless denoted "dry".

I certify that I have reviewed the above referenced analytical data and state forms, and I have found this report within compliance with the procedures outlined within NELAC. ChemServe's certified parameter list can be found at <http://www.chemservelab.com/Laboratory-Information-and-Documentation.aspx>



Jay Chrystal - President/Laboratory Director

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### Sample Receiving and Comment Summary

Were samples submitted with a chain of custody?	Yes
Do all samples received match the chain of custody?	Yes
Were all samples received within applicable holding times?	Yes
Were all containers intact when received?	Yes
Was there evidence of cooling if required?	Yes
Were samples for volatile organic analysis free of headspace (per method)?	N/A
Was the cooler temperature recorded if applicable?	Yes
If the sample pH was not correct was it adjusted where applicable?	Yes
Were samples for dissolved metals already filtered by the client or field sampling?	N/A
Were Samples for O-phos filtered in the field?	N/A
Were samples received in the appropriate containers?	Yes

Sample	Method	Client Identity	Matrix	Analyst
14090130-001	SW 8082A	1 6 over 6 Composite Dining Rm	Solid	CalebH
Comment: Sample does not match any aroclor pattern.				

Sample	Method	Client Identity	Matrix	Analyst
14090130-002	SW 8082A	2 6 over 6 Composite Rm 21 Short Wing	Solid	CalebH
Comment: Sample does not match any aroclor pattern.				

Sample	Method	Client Identity	Matrix	Analyst
14090130-003	SW 8082A	3 6 over 6 Rm 65 3rd Fir	Solid	CalebH
Comment: Sample does not match any aroclor pattern. DCBP recovered below control limits due to sample specific matrix interference.				

Sample	Method	Client Identity	Matrix	Analyst
14090130-004	SW 8082A	4 4 over 4 Large Wing Rm 18 2nd Fir	Solid	CalebH
Comment: Sample does not match any aroclor pattern. DCBP recovered below control limits due to sample specific matrix interference.				

Sample	Method	Client Identity	Matrix	Analyst
14090130-005	SW 8082A	5 5 over 5 Sunroom 1st Floor	Solid	CalebH
Comment: Sample does not match any aroclor pattern.				

Sample	Method	Client Identity	Matrix	Analyst
14090130-006	SW 8082A	6 8 over 8 Rm 10 2nd Floor	Solid	CalebH
Comment: Sample does not match any aroclor pattern. DCBP recovered below control limits due to sample specific matrix interference.				

Sample	Method	Client Identity	Matrix	Analyst
14090130-007	SW 8082A	7 3 over 3 Kitchen Wing 1st & 3rd Fir	Solid	CalebH
Comment: Sample does not match any aroclor pattern.				

Sample	Method	Client Identity	Matrix	Analyst
14090130-008	SW 8082A	8 6 over 6 Window Glaze Boiler Room	Solid	CalebH

**Comment:** Sample does not match any aroclor pattern. DCBP recovered below control limits due to sample specific matrix interference.

*\* Blank comment sections denote "No Comment"*



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**Analytical Results**  
 Lab ID: 14090130  
 Date: 9/22/2014

Sample	Client Sample Identity	Start Date/Time Sampled:	Matrix
14090130-001	1 6 over 6 Composite Dining Rm	6/4/2014	Solid

Parameter	Method	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Soxhlet Extraction	SW 3540C			9/16/2014	1	0
Aroclor 1016/1242	SW 8082A	< 97 ug/Kg		9/18/2014	969.9	97
Aroclor 1221	SW 8082A	< 97 ug/Kg		9/18/2014	969.9	97
Aroclor 1232	SW 8082A	< 97 ug/Kg		9/18/2014	969.9	97
Aroclor 1248	SW 8082A	< 97 ug/Kg		9/18/2014	969.9	97
Aroclor 1254	SW 8082A	< 97 ug/Kg		9/18/2014	969.9	97
Aroclor 1260	SW 8082A	< 97 ug/Kg		9/18/2014	969.9	97



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Sample	Client Sample Identity	Start Date/Time Sampled:	Matrix
14090130-002	2 6 over 6 Composite Rm 21 Short Wing	6/4/2014	Solid

Parameter	Method	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Soxhlet Extraction	SW 3540C			9/16/2014	1	0
Aroclor 1016/1242	SW 8082A	< 96 ug/Kg		9/18/2014	960.6	96
Aroclor 1221	SW 8082A	< 96 ug/Kg		9/18/2014	960.6	96
Aroclor 1232	SW 8082A	< 96 ug/Kg		9/18/2014	960.6	96
Aroclor 1248	SW 8082A	< 96 ug/Kg		9/18/2014	960.6	96
Aroclor 1254	SW 8082A	< 96 ug/Kg		9/18/2014	960.6	96
Aroclor 1260	SW 8082A	< 96 ug/Kg		9/18/2014	960.6	96



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<b>Sample</b>	<b>Client Sample Identity</b>	<b>Start Date/Time Sampled:</b>	<b>Matrix</b>
14090130-003	3 6 over 6 Rm 65 3rd Flr	6/4/2014	Solid

Parameter	Method	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Soxhlet Extraction	SW 3540C			9/16/2014	1	0
Aroclor 1016/1242	SW 8082A	< 95 ug/Kg		9/18/2014	951.4	95
Aroclor 1221	SW 8082A	< 95 ug/Kg		9/18/2014	951.4	95
Aroclor 1232	SW 8082A	< 95 ug/Kg		9/18/2014	951.4	95
Aroclor 1248	SW 8082A	< 95 ug/Kg		9/18/2014	951.4	95
Aroclor 1254	SW 8082A	< 95 ug/Kg		9/18/2014	951.4	95
Aroclor 1260	SW 8082A	< 95 ug/Kg		9/18/2014	951.4	95

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Sample	Client Sample Identity	Start Date/Time Sampled:	Matrix
14090130-004	4 4 over 4 Large Wing Rm 18 2nd Fir	6/4/2014	Solid

Parameter	Method	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Soxhlet Extraction	SW 3540C			9/16/2014	1	0
Aroclor 1016/1242	SW 8082A	< 94 ug/Kg		9/18/2014	942.5	94
Aroclor 1221	SW 8082A	< 94 ug/Kg		9/18/2014	942.5	94
Aroclor 1232	SW 8082A	< 94 ug/Kg		9/18/2014	942.5	94
Aroclor 1248	SW 8082A	< 94 ug/Kg		9/18/2014	942.5	94
Aroclor 1254	SW 8082A	< 94 ug/Kg		9/18/2014	942.5	94
Aroclor 1260	SW 8082A	< 94 ug/Kg		9/18/2014	942.5	94



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 Date: 9/22/2014

Sample	Client Sample Identity	Start Date/Time Sampled:	Matrix
14090130-005	5 5 over 5 Sunroom 1st Floor	6/4/2014	Solid

Parameter	Method	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Soxhlet Extraction	SW 3540C			9/16/2014	1	0
Aroclor 1016/1242	SW 8082A	< 94 ug/Kg		9/18/2014	942.5	94
Aroclor 1221	SW 8082A	< 94 ug/Kg		9/18/2014	942.5	94
Aroclor 1232	SW 8082A	< 94 ug/Kg		9/18/2014	942.5	94
Aroclor 1248	SW 8082A	< 94 ug/Kg		9/18/2014	942.5	94
Aroclor 1254	SW 8082A	< 94 ug/Kg		9/18/2014	942.5	94
Aroclor 1260	SW 8082A	< 94 ug/Kg		9/18/2014	942.5	94





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<b>Sample</b>	<b>Client Sample Identity</b>	<b>Start Date/Time Sampled:</b>	<b>Matrix</b>
14090130-006	6 8 over 8 Rm 10 2nd Floor	6/4/2014	Solid

Parameter	Method	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Soxhlet Extraction	SW 3540C			9/16/2014	1	0
Aroclor 1016/1242	SW 8082A	< 95 ug/Kg		9/18/2014	951.4	95
Aroclor 1221	SW 8082A	< 95 ug/Kg		9/18/2014	951.4	95
Aroclor 1232	SW 8082A	< 95 ug/Kg		9/18/2014	951.4	95
Aroclor 1248	SW 8082A	< 95 ug/Kg		9/18/2014	951.4	95
Aroclor 1254	SW 8082A	< 95 ug/Kg		9/18/2014	951.4	95
Aroclor 1260	SW 8082A	< 95 ug/Kg		9/18/2014	951.4	95



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Sample	Client Sample Identity	Start Date/Time Sampled:	Matrix
14090130-007	7 3 over 3 Kitchen Wing 1st & 3rd Flr	6/4/2014	Solid

Parameter	Method	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Soxhlet Extraction	SW 3540C			9/16/2014	1	0
Aroclor 1016/1242	SW 8082A	< 97 ug/Kg		9/18/2014	969.9	97
Aroclor 1221	SW 8082A	< 97 ug/Kg		9/18/2014	969.9	97
Aroclor 1232	SW 8082A	< 97 ug/Kg		9/18/2014	969.9	97
Aroclor 1248	SW 8082A	< 97 ug/Kg		9/18/2014	969.9	97
Aroclor 1254	SW 8082A	< 97 ug/Kg		9/18/2014	969.9	97
Aroclor 1260	SW 8082A	< 97 ug/Kg		9/18/2014	969.9	97



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Sample	Client Sample Identity	Start Date/Time Sampled:	Matrix
14090130-008	8 6 over 6 Window Glaze Boiler Room	6/4/2014	Solid

Parameter	Method	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Soxhlet Extraction	SW 3540C			9/18/2014	1	0
Aroclor 1016/1242	SW 8082A	< 93 ug/Kg		9/18/2014	933.6	93
Aroclor 1221	SW 8082A	< 93 ug/Kg		9/18/2014	933.6	93
Aroclor 1232	SW 8082A	< 93 ug/Kg		9/18/2014	933.6	93
Aroclor 1248	SW 8082A	< 93 ug/Kg		9/18/2014	933.6	93
Aroclor 1254	SW 8082A	< 93 ug/Kg		9/18/2014	933.6	93
Aroclor 1260	SW 8082A	< 93 ug/Kg		9/18/2014	933.6	93

**Qualifier: Description:**

- B- Method blank contaminated with target analyte.
- B1- BOD had total oxygen loss. Result reported as ">"the highest dilution.
- B2- BOD had no oxygen loss. Result reported as "<" the lowest dilution.
- G- Reporting limit elevated due to matrix interference.
- H- Method prescribed holding time exceeded.
- J- Indicates an estimated value. Value is less than the quantitation limit.
- LH- Laboratory control spike(s) was high. Results may be biased high.
- LL- Laboratory control spike(s) was low. Results may be biased low.
- MH- Matrix spike recovery high due to matrix. Results may be biased high.
- ML- Matrix spike recovery low due to matrix. Results may be biased low.
- NC- Spike recovery was not calculated due to the concentration of the analyte being >4 times the concentration of the spike added.
- R- RPD outside acceptable recovery limits.
- RO- Sample received out of holding time.
- SH- Surrogate recovery high due to matrix
- SL- Surrogate recovery low due to matrix
- TNTC- Too numerous to count.
- U- BOD/CBOD blank had an oxygen depletion greater than the suggested amount of 0.200.
- V- Sample pH for volatile analysis was not <2 when checked at time of analysis.



# Surrogate Report

Client: IEG, LLC

Order #: 14090130

Matrix: Solid

Units:	ug/L		Percent	Control	Surrogate	Surrogate
Sample Number	Surrogate	Method	Recovery	Limits	Amount	Result
14090130-001	2,4,5,6-Tetrachloro-M-Xylene	SW 8082A	74.7	30-150	1	0.747
14090130-001	Decachlorobiphenyl	SW 8082A	35.7	30-150	1	0.357
14090130-002	2,4,5,6-Tetrachloro-M-Xylene	SW 8082A	75.1	30-150	1	0.751
14090130-002	Decachlorobiphenyl	SW 8082A	30.1	30-150	1	0.301
14090130-003	2,4,5,6-Tetrachloro-M-Xylene	SW 8082A	75.6	30-150	1	0.756
14090130-003	Decachlorobiphenyl	SW 8082A	20.2	30-150	1	0.202
14090130-004	2,4,5,6-Tetrachloro-M-Xylene	SW 8082A	62.7	30-150	1	0.627
14090130-004	Decachlorobiphenyl	SW 8082A	20.3	30-150	1	0.203
14090130-005	2,4,5,6-Tetrachloro-M-Xylene	SW 8082A	36.4	30-150	1	0.364
14090130-005	Decachlorobiphenyl	SW 8082A	31.3	30-150	1	0.313
14090130-006	2,4,5,6-Tetrachloro-M-Xylene	SW 8082A	54	30-150	1	0.540
14090130-006	Decachlorobiphenyl	SW 8082A	16	30-150	1	0.160
14090130-007	2,4,5,6-Tetrachloro-M-Xylene	SW 8082A	51.9	30-150	1	0.519
14090130-007	Decachlorobiphenyl	SW 8082A	30.6	30-150	1	0.306
14090130-008	2,4,5,6-Tetrachloro-M-Xylene	SW 8082A	74.4	30-150	1	0.744
14090130-008	Decachlorobiphenyl	SW 8082A	18.1	30-150	1	0.181

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Multiple COC's Yes  No

(A) CUSTOMER INFORMATION



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(B) PROJECT INFORMATION

(C) SAMPLE INFORMATION

CUSTOMER: TELE LLC

Job Name: NICKERMAN G ENV

TURNAROUND TIME: (CIRCLE ONE)  
STANDARD RUSH

ADDRESS: 29 WEST MOUNTAIN ST

Job Number: 1409.001

5 DAY

CITY/STATE/ZIP: WINDHAM, NH 03086

Location: Poleman, NH

RUSH T.A.T. \_\_\_\_\_ (CHECK WILLAD)

TELEPHONE: 603-769-9801 cell

Phone: N/A

NUMBER OF CONTAINERS / QUANTITY  
N/A

REPORT TO: Jim Ginnel/Tele

Quantity: \_\_\_\_\_

P.O. NUMBER: N/A Pre-PAID

CONTAINERS & PRESERVATIVE

CONTAINERS & PRESERVATIVE

SAMPLE IDENTIFICATION & LOCATION (E)	COLLECTED		SAMPLE TYPE	MATRIX	CONTAINER # (F)	ANALYSIS		
	DATE	TIME				LIQUID (L)	CONDENSED (C)	HAZARD (H)
1 COVEGE COMPOSITE Dillon, NH	6/4	14	✓	S				
2 COVEGE COMPOSITE Dillon, NH	6/4	14	✓	S				
3 COVEGE COMPOSITE Dillon, NH	6/4	14	✓	S				
4 COVEGE COMPOSITE Dillon, NH	6/4	14	✓	S				
5 COVEGE COMPOSITE Dillon, NH	6/4	14	✓	S				
6 COVEGE COMPOSITE Dillon, NH	6/4	14	✓	S				
7 COVEGE COMPOSITE Dillon, NH	6/4	14	✓	S				
8 COVEGE COMPOSITE Dillon, NH	6/4	14	✓	S				

RECEIVED FOR LAB: Jim Ginnel 6/15/14 8:00 AM

RECEIVED: \_\_\_\_\_

RECEIVED WITHIN BOLD TIME: YES OR NO

RECEIVED IN GOOD CONDITION: YES OR NO

RECEIVED FOR LAB: \_\_\_\_\_

RECEIVED: \_\_\_\_\_

RECEIVED WITHIN BOLD TIME: YES OR NO

RECEIVED IN GOOD CONDITION: YES OR NO

RECEIVED FOR LAB: \_\_\_\_\_

RECEIVED: \_\_\_\_\_

RECEIVED WITHIN BOLD TIME: YES OR NO

RECEIVED IN GOOD CONDITION: YES OR NO

FIELD READINGS:

pd ck 1912

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