

# **LOVE CLEANERS**

416 Clinton Street  
Hempstead, New York

*May 17, 2013*

## **Remedial Investigation Report**

Conducted by:

# **CONKLIN SERVICES & CONSTRUCTION INC.**



## **Remedial Investigation Report**

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## **1. INTRODUCTION**

### **1.1 Authorization**

Conklin Services & Construction Inc., (CSC) of Newburgh, New York, was contracted by Mark Wieboldt to perform a remedial investigation at 416 Clinton Street, Hempstead, New York (See Figure 1).

### **1.2 Site Description**

The property currently consists of one (1) building that is currently utilized as a laundromat. The exterior of the subject property has an asphalt paved parking area/driveway. Water service is supplied by public water supply and an onsite well. Based on conversation with the operator, the onsite well is utilized for the air conditioning units only. A municipal sewer services the building discharges. The water discharge from the washing machines is to onsite recharge galleries.

Surrounding properties in the immediate vicinity consist of mixed residential and commercial properties. A municipal well field is located to the east of the subject property.

## **2.0 SCOPE OF WORK**

The scope of work performed by CSC included the following:

- Two (2) soil borings were installed on the western edge of the property. One of the borings was also adjacent to an identified drywell.
- Two (2) soil vapor monitoring points were installed adjacent to the soil borings.
- A sub-slab monitoring point was installed within the existing laundromat building.
- Soil samples from the soil borings were collected for laboratory analysis by a New York State Certified laboratory.
- Air samples from the soil monitoring points, sub-slab monitoring point, indoor air and ambient air were collected for laboratory analysis by a New York State Certified laboratory.
- A compilation of the site data analysis was utilized in the preparation of a Remedial Investigation Report.

The subsequent sections detail the remedial investigation, soil & air analytical results, and investigative findings.

### **3.0 SITE ACTIVITIES**

CSC conducted the soil boring investigation on February 18, 2013. Below is a description of the site activities. Soil boring logs, illustrating the soils encountered, can be found in Appendix B.

#### **3.1 Soil Boring Investigation**

##### **3.1.3 Sample Locations**

Soil boring and vapor monitoring point locations were selected to further delineate known soil gas impacts reported in a previous investigation performed by EA Science & Technology in May 2009. The soil borings and vapor monitoring points were installed utilizing a track mounted direct push Geoprobe. CSC personnel performed oversight of the advancement of a 2" outer diameter sampling tube with a plastic liner into the overburden, at four (4) foot intervals, to a maximum depth of sixteen (16) feet below grade. A total of two (2) bore holes were installed (See Figure 2). Soil was scanned utilizing a Photoionization Detector (PID) for volatile organic compounds. Below is a description of the field observations from each soil boring.

##### **Field Observations**

##### **Soil Boring 1-SB-13**

Soil boring 1-SB-13 was extended to a depth of sixteen (16) feet below grade and was located west of the drywell. Wet soil was encountered starting at eleven (11) feet below grade and was saturated at fifteen (15) feet below grade. PID readings were non-detect throughout the entire advancement of the boring. A soil sample was collected approximately eleven (11) feet below grade. The soils present within the boring consisted of shallow clay sand layer to approximately the one 1 foot depth and the remaining soils consisted of coarse sand and fine gravel.

##### **Soil Boring 2-SB-13**

Soil boring 2-SB-13 was extended to a depth of twelve (12) feet below grade and placed on western edge of the property. Moist soils were encountered starting at six (6) feet below grade and wet soils were encountered at thirteen (13) feet below grade. PID readings were non-detect throughout the entire boring.

## **Vapor Points**

### **VP-1**

VP-1 was extended to a depth of eight (8) feet below grade and west of 1-SB-13, A shallow wet clay was encountered to a depth of five (5) feet below grade. PID readings were non-detect throughout the entire boring. No soil sample was collected from the vapor monitoring point. A PVC monitoring point was installed for future air sampling. From depth of five (5) thru eight (8) feet a coarse sand and gravel was encountered.

### **VP-2**

VP-1 was extended to a depth of eight (8) feet below grade and in the vicinity of 2-SB-13. PID readings were non-detect throughout the entire boring. No soil sample was collected from the vapor monitoring point. PVC monitoring point was installed for future air sampling. The soils present within the boring consisted of a coarse sand with medium – large gravel.

## **3.1.2 Soil Sampling**

Measurable PID readings were not observed in soil borings 1-SB-13 or 2-SB-13.

One (1) soil sample was collected from each of the soil borings (1-SB-13 and 2-SB-13). Soil samples were placed into laboratory provided sampling jars and submitted for analysis to Phoenix Environmental Laboratories. The soil samples were analyzed for EPA Method 8260 (volatile organic compounds).

## **3.2 Air Sampling**

Air samples were collected from the two (2) soil vapor monitoring points (VP-1 and VP-2), one (1) sub-slab monitoring point, one (1) indoor air sample and one (1) ambient air sample. Vapor monitoring points and the sub-slab monitoring point were purged utilizing an air sampling pump prior to connection of summa canisters. During the air sampling precipitation did start to occur.

All air samples were collected in six (6) liter laboratory supplied summa canisters. Air flow was regulated utilizing laboratory supplied regulators. Air samples were submitted for analysis to Phoenix Environmental Laboratories. All air samples were analyzed for EPA Method TO15 (volatile organic compounds).

A tracer gas was utilized in the collection of the sub-slab sample. Sample tubing was extended through a plastic container. Helium tracer gas was regulated into the container. During the purging of the sub-slab monitoring point, the sample pump effluent was monitored for helium concentrations. The maximum helium concentration detected was 7.9%.

Indoor air was collected at typical air breathing height and was collected adjacent to the sub-slab monitoring point. The outdoor ambient air was collected at the ground level also adjacent to the sub-slab monitoring point.

#### **4.0 SOIL AND AIR SAMPLING ANALYTICAL RESULTS**

Soil sampling at the site was conducted in accordance with NYSDEC Guidance Document CP-51. The soil analytical results were reviewed and compared to the CP-51 / Soil Cleanup Guidance for unrestricted use. Below are the descriptions based on the results for both soils and vapor sampling. Laboratory analytical data sheets are provided in Appendix A.

##### **4.1 Soil Volatile Organic Compounds**

The following details the laboratory results for the soil samples submitted (Table 1). As the data in the following tables indicates, volatile organic compounds were not present at detectable levels in either 1-SB-13 or 2-SB-13.

##### **4.2 Air Volatile Organic Compounds**

The following details the laboratory results for the air samples collected. The analytical results indicate that the air has been impacted by numerous volatile organic compounds. Compounds reported over the detection limits generally include petroleum compounds, solvents, ethanol and chlorinated compounds.

The New York State Department of Health (NYSDOH) currently has air standards for three volatile organic compounds that are within the analyte list for TO-15. The compounds include methylene chloride, Tetrachloroethene (PCE) and trichloroethene (TCE).

The NYSDOH's Methylene chloride's air guideline value is 100 mcg/m<sup>3</sup>. Reported analytical results for all air samples collected were below the guideline values.

The NYSDOH's PCE air guideline value is 60 mcg/m<sup>3</sup>. Reported analytical results for air samples collected from the sub-slab, indoor air and ambient air were below the guideline values. The reported analytical results for both the soil gas monitoring points were significantly higher the guideline values.

The NYSDOH's TCE air guideline value is 5 mcg/m<sup>3</sup>. Reported analytical results for air samples collected from the sub-slab, indoor air and ambient air were below the guideline values. The reported analytical results for both of the soil gas monitoring points were significantly higher the guideline values.



## **5.0 CONCLUSIONS & RECOMMENDATIONS**

### **5.1 Conclusions**

The following summarizes the findings of the investigation and laboratory analytical results reported above.

**Geological Conditions-** The observed soils consisted mainly of gravel & sand. The shallow soils encountered in VP-1 and 1-SB-13 showed evidence of clay. Clay was not reported during previous investigations and also was not observed during the installation of the other soil boring and vapor monitoring points installed as part of this investigation.

**Groundwater-** Groundwater was encountered at a shallower depth than previously observed during the EA investigation. The decreased depth to water may be attributed to seasonal fluctuation as well as effects of groundwater recharge after the recent hurricanes.

**Soil analytical results-** The soil analytical results were similar to previous investigations performed at the site. The reported concentrations of adsorbed compounds indicate that there is no significant mass absorbed to the soils. The soils at the site largely consist of sand and gravel, which do not generally have large adsorption capacities.

**Air analytical results-** The analytical results indicate that the samples from the sub-slab, ambient and indoor locations are below NYSDOH air guideline values as defined in the NYSDOH CEH BEEI Soil Vapor Intrusion Guidance (October 2006). The reported concentrations of the vapor monitoring points were significantly higher than the NYSDOH air guideline values. The concentrations of TCE and PCE, when combined with previous reported data, for the most part, follow a logical distribution. The most recent air result for the sub-slab is an outlier with respect to the distribution. The result for the sub-slab is believed to be artificially low based on the tracer gas detection, but not to the extent to fall within unexpected results.

### **5.2 Recommendations**

Due to the confirmed presence of soil gas contamination in the overburden soil it is recommended that;

- 1) Short term SVE pilot testing be performed
- 2) Additional soil vapor investigation to further delineate the impacted areas
- 3) Confirmation sampling be performed on the sub-slab

In the submitted Remedial Investigation Workplan, CSC indicated that the SVE test would be performed within the area of the building footprint. However, the combination of the low concentrations of VOC's in the sub-slab and the very high concentrations near the onsite drywell, it would not be advised or advantageous to potentially induce vapor that could migrate below the slab.

Instead of performing the test within the current building footprint it is proposed to perform the test near the highest observed soil vapor results (VP-1). The existing monitoring points VP-1, VP-2 and the subslab monitoring point will be utilized as vacuum monitoring points. One additional monitoring point will be installed in the direction of Clinton Street. The additional monitoring point will serve multiple purposes.

The additional monitoring point will be utilized to

- 1) Vacuum monitoring point during the pilot test
- 2) Further delineate soil vapor impacts
- 3) Investigate the shallow clay for adsorbed mass

Additional soil vapor investigations will be limited to two additional monitoring points. One monitoring point will be located onsite and as previously indicated will be utilized in the pilot test. The second monitoring point will be located across Clinton Street. A map of the proposed monitoring points is located in Figure 3.

One additional confirmation sampling will be performed on the sub-slab monitoring point. The confirmation sampling will be performed prior to the pilot test.

Once the above recommendations or a modified plan, based on regulatory agency review is accomplished, an evaluation and further remedial actions, if applicable will be determined.

## **6.0 LIMITATION OF DAMAGES**

This report is based on a limited number of invasive samples and analyses. The conclusions presented in this report are based only on the observations made during this investigation and data provided by others. Conditions may vary significantly with time, particularly, with respect to conclusions presented or extrapolated from this report. Therefore, the conclusions and recommendations set forth herein are applicable only to the facts and conditions described at the time of this report.

In performing its services, CSC uses that degree of care and skill exercised under similar conditions. The standard of care shall be judged exclusively as of the time these services are rendered and not according to later standards. CSC's findings and conclusions must be considered not as scientific certainties, but rather as opinions concerning the significance of the limited data available. Specifically, CSC does not and cannot represent that the site contains no hazardous materials, oil, or other latent conformance to these standards.

CSC shall not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld or not fully disclosed. CSC believes that all information contained in this report is factual, but no guarantee is made or implied. CSC shall not be responsible for any loss, damage, or liability arising from any negligence of others in the interpretation or use of any results, report, or communication.

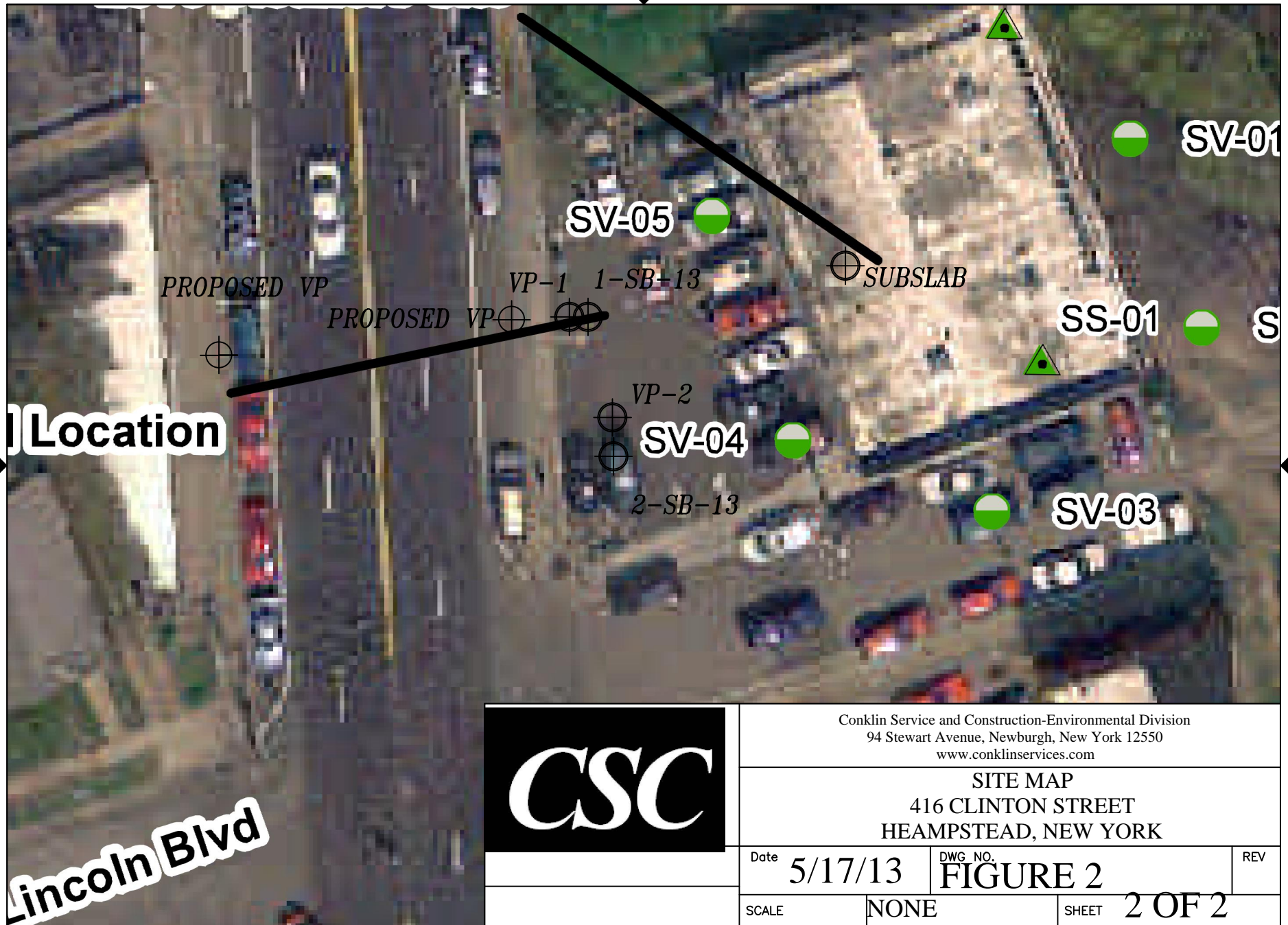


Conklin Service and Construction-Environmental Division  
94 Stewart Avenue, Newburgh, New York 12550  
[www.conklinservices.com](http://www.conklinservices.com)

**SITE LOCATION**  
**416 CLINTON STREET**  
**HEAMPSTEAD, NEW YORK**

Date	5/17/13	DWG NO.	FIGURE 1	REV
SCALE	NONE	SHEET	1 OF 2	





## Love Cleaners

Volatile Organic Compounds (USEPA Method 8260) soil

February 17, 2013

Compound	URU (ppb)	1-SB-13 (ppb)	2-SB-13 (ppb)	
1,1,1,2 Tetrachloroethane		ND	ND	
1,1,1-Trichloroethane	680	ND	ND	
1,1,2,2 Tetrachloroethane		ND	ND	
1,1,2-Trichloroethane		ND	ND	
1,1 Dichloroethane	270	ND	ND	
1,1 Dichloroethene	330	ND	ND	
1,1 Dichloropropane		ND	ND	
1,2,3 Trichlorobenzene		ND	ND	
1,2,3 Trichloropropane		ND	ND	
1,2,4 Trimethylbenzene	3600	ND	ND	
1,2 Dibromo-3-chloropropane		ND	ND	
1,2 Dibromoethane	20	ND	ND	
1,2 Dichlorobenzene	1100	ND	ND	
1,2 Dichloroethane	20	ND	ND	
1,2 Dichloropropane		ND	ND	
1,3,5 Trimethylbenzene	8400	ND	ND	
1,3 Dichlorobenzene	2400	ND	ND	
1,3 Dichloropropane		ND	ND	
1,4 Dichlorobenzene	1800	ND	ND	
2,2 Dichloropropane		ND	ND	
2-Chlorotoluene		ND	ND	
2 Isopropyltoluene		ND	ND	
4-Chlorotoluene		ND	ND	
4 Methyl-2-pentanone		ND	ND	
Acetone	50	ND	ND	
Acrylonitrile		ND	ND	
Benzene	60	ND	ND	
Bromobenzene		ND	ND	
Bromochloromethane		ND	ND	
Bromodichloromethane		ND	ND	
Bromoform		ND	ND	
Bromomethane		ND	ND	
Carbon Disulfide		ND	ND	
Carbon Tetrachloride	760	ND	ND	
Chlorobenzene	1100	ND	ND	
Chloroethane		ND	ND	
Chloroform	370	ND	ND	
Chloromethane		ND	ND	
Cis-1,2 Dichloroethene	250	ND	ND	
Cis-1,3 Dichloropropene		ND	ND	
Dibromochloromethane		ND	ND	
Dibromomethane		ND	ND	
Dichlorodifluoromethane		ND	ND	
Ethylbenzene	1000	ND	ND	

## Love Cleaners

Volatile Organic Compounds (USEPA Method 8260) soil  
February 17, 2013

Compound	URU (ppb)	1-SB-13 (ppb)	2-SB-13 (ppb)	
Hexachlorobutadiene		ND	ND	
Isopropylbenzene	330	ND	ND	
m&p-Xylene		ND	ND	
Methyl Ethyl Ketone	120	ND	ND	
Methyl tert-butyl ether (MTBE)	930	ND	ND	
Methylene Chloride	50	ND	ND	
Naphthalene	12000	ND	ND	
n-Butylbenzene	12000	ND	ND	
n-Propylbenzene	3900	ND	ND	
o-Xylene		ND	ND	
p-Isopropyltoluene		ND	ND	
sec-Butylbenzene	11000	ND	ND	
Styrene		ND	ND	
tert-Butylbenzene	5900	ND	ND	
Tetrachloroethene	1300	ND	ND	
Tetrahydrofuran (THF)		ND	ND	
Toluene	700	ND	ND	
Total Xylenes	260	ND	ND	
Trans-1,2-Dichloroethene	190	ND	ND	
Trans-1,3 Dichloropropene		ND	ND	
trans-1,4-dichloro-2-butene		ND	ND	
Trichloroethene	470	ND	ND	
Trichlorofluoromethane		ND	ND	
Trichlorotrifluoroethane		ND	ND	
Vinyl Chloride	20	ND	ND	

NS=Not Sampled

ND=Not Detected

URU=Unrestricted Use

[illegible]



# Love Cleaners

## Volatile Organic Compounds (USEPA Method T015) Air February 19, 2013

Compound	URU (ppbv)	VP-1		VP-2		Indoor Air		Sub Slab		Ambient	
		(ppbv)	mg/M <sup>3</sup>	(ppbv)	mg/M <sup>3</sup>	(ppbv)	mg/M <sup>3</sup>	(ppbv)	mg/M <sup>3</sup>	(ppbv)	mg/M <sup>3</sup>
Chloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform		1.9	9.27	3.69	18	0.5	2.44	0.57	2.78	ND	ND
Chloromethane		ND	ND	ND	ND	1.07	2.21	ND	ND	0.62	1.28
Cis-1,2 Dichloromethane		24.3	96.3	5.22	20.7	ND	ND	ND	ND	ND	ND
Cis-1,3 Dichloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane		1.96	6.74	2.09	7.19	ND	ND	ND	ND	ND	ND
Dibromochloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane		0.47	2.32	0.45	2.22	0.52	2.57	0.28	1.38	0.51	2.52
Ethanol		8.47	15.9	28.6	53.8	138	260	74.2	140	6.87	12.9
Ethyl Acetate		1	3.6	0.42	1.51	ND	ND	0.39	1.4	ND	ND
Ethylbenzene		1.15	4.99	0.96	4.17	ND	ND	0.37	1.6	ND	ND
Hepatane		3.99	16.3	1.97	8.07	ND	ND	0.74	3.03	ND	ND
Hexachlorobutadiene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexane		6.75	23.8	5.51	19.4	0.58	2.04	2.3	8.1	ND	1.8
Isopropylalcohol		ND	ND	ND	ND	7.87	19.3	4.3	10.6	0.51	1.7
Isopropylbenzene		0.31	1.52	0.27	1.33	ND	ND	ND	ND	0.69	ND
m,p-Xylene		3.44	14.9	2.8	12.2	0.31	1.34	1.03	4.47	ND	1.39
Methyl Ethyl Ketone		3.67	10.8	3.9	11.5	0.39	1.15	0.67	1.97	0.32	ND
Methyl tert-butyl ether (MTBE)		ND	ND	ND	ND	ND	ND	1.34	4.83	ND	ND
Methylene Chloride		0.42	1.46	0.31	1.08	0.45	1.56	ND	ND	ND	1.32
N-Butylbenzene		0.93	5.1	0.48	2.63	ND	ND	ND	ND	0.38	ND
o-Xylene		1.52	6.6	1.24	5.38	ND	ND	0.47	2.04	ND	ND
Propylene		71	122	16.8	28.9	ND	ND	ND	ND	ND	ND
sec-Butylbenzene		0.46	2.52	0.36	1.97	ND	ND	ND	ND	ND	ND
Styrene		0.55	2.34	0.48	2.04	ND	ND	0.55	2.34	ND	ND
Tetrachloroethene		171000	1,160,000	914	6200	0.25	1.69	7.02	47.6	0.06	0.407
Tetrahydrofuran		0.51	1.5	0.87	2.56	ND	ND	ND	ND	ND	ND
Toluene		3.19	12	3.81	14.3	0.57	2.15	1.1	4.14	0.69	2.6
Trans-1,2-Dichloroethane		5.79	22.9	1.8	7.13	ND	ND	ND	ND	ND	ND
Trans-1,3 Dichloropropene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene		112	601	45.5	244	ND	ND	0.1	0.537	ND	ND
Trichlorofluoromethane		0.47	2.64	0.39	2.19	0.25	1.4	ND	ND	0.24	1.35
Trichlorotrifluoroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NS=Not Sampled

ND=Not Detected

URU=Unrestricted Use



# CONKLIN SERVICES & CONSTRUCTION INC.

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## SOIL BORING LOG

<b>PROJECT NAME/LOCATION</b> Love Cleaners					<b>PROJECT NUMBER</b>	<b>BORING NUMBER</b> 2-SB-13	<b>SHEET 1 OF 1</b>	
					<b>CONTRACTOR</b> Conklin Services & Construction Inc.		<b>SUBSURFACE METHOD</b> Direct Push	
					<b>DRILLER</b> <b>HELPER SM</b>		<b>SUBSURFACE EQUIPMENT</b> Earthprobe 200	
					<b>START</b>		<b>SURFACE ELEVATION</b>	
					<b>COMPLETED</b>		<b>LOGGED BY</b> SM	
SAMPLE TYPE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE RECOVER	SAMPLE DEPTH (ft)	DESCRIPTION OF SUBSURFACE MATERIALS and CONDITIONS	FIELD INSTRUMENT READINGS (ppm)	BORE HOLE/WELL CONSTRUCTION (not to scale)	
				0	Asphalt			
				.5				
				1.0	Brown sandy silt			
				1.5	Trace gravel			
				2				
				2.5	Tan coarse			
				3	Sand med	0.0		
				3.5	Gravel			
				4				
				4.5	tan			
				5	Gravel sand			
				5.5				
				6	Moist			
				6.5		0.0		
				7				
				7.5				
				8				
				8.5	sand			
				9				
				9.5				
				10		0.0		
				10.55	Coarse sand			
				11				
				11.5	Brown			
				12	Fine Gravel			
				12.5				
				13	Wet Gravel	0.0		
				13.5				
				14				
				14.5				
				15				
				15.55				
				16				
				16.5				
				17				
				17.5				
				18				
				18.5				
				19				
				19.5				
				20				



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## SOIL BORING LOG

PROJECT NAME/LOCATION					PROJECT NUMBER	BORING NUMBER	SHEET 1 OF 1	
					CONTRACTOR		SUBSURFACE METHOD	
					Conklin Services & Construction Inc.		Direct Push	
					DRILLER		SUBSURFACE EQUIPMENT	
					HELPER SM		Earthprobe 200	
START					SURFACE ELEVATION			
10:20								
COMPLETED					LOGGED BY			
					SM			
SAMPLE TYPE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE RECOVER	SAMPLE DEPTH (ft)	DESCRIPTION OF SUBSURFACE MATERIALS and CONDITIONS	FIELD INSTRUMENT READINGS (ppm)	BORE HOLE/WELL CONSTRUCTION (not to scale)	
				0	Asphalt			
				.5	Brown Clay			
				1.0	Fine gravel	0.0		
				1.5				
				2	Sand			
				2.5				
				3	Large Gravel			
				3.5				
				4				
				4.5				
				5	Same	0.0		
				5.5				
				6				
				6.5				
				7				
				7.5	Brown	0.0		
				8				
				8.5				
				9				
				9.5	Brown damp			
				10	Course sand			
				10.55	Gravel			
				11				
				11.5	Same wett gravel			
				12				
				12.5				
				13				
				13.5				
				14				
				14.5		0.0		
				15				
				15.55				
				16	Brown coarse			
				16.5				
				17				
				17.5				
				18				
				18.5				
				19				
				19.5				
				20				



Thursday, February 28, 2013

Attn: Mr Sean Morgan  
Conklin Services & Construction  
94 Stewart Avenue  
Newburgh, NY 12550

Project ID: LOVE CLEANERS  
Sample ID#s: BD38590 - BD38591

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller", is written over a light blue horizontal line.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



## SDG Comments

February 28, 2013

SDG I.D.: GBD38590

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BD38590 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BD38591 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



# Analysis Report

February 28, 2013

FOR: Attn: Mr Sean Morgan  
Conklin Services & Construction  
94 Stewart Avenue  
Newburgh, NY 12550

## Sample Information

Matrix: SOLID  
Location Code: CONKLIN  
Rush Request: Standard  
P.O.#: 269906

## Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time  
02/17/13 0:00  
02/21/13 16:36

## Laboratory Data

SDG ID: GBD38590  
Phoenix ID: BD38590

Project ID: LOVE CLEANERS  
Client ID: 1-SB-13

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	96		%	02/21/13	JL	E160.3

## Volatiles

1,1,1,2-Tetrachloroethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,1,1-Trichloroethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,1,2-Trichloroethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,1-Dichloroethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,1-Dichloroethene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,1-Dichloropropene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,2,3-Trichlorobenzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,2,3-Trichloropropane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,2,4-Trichlorobenzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,2,4-Trimethylbenzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,2-Dibromoethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	1P
1,2-Dichlorobenzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,2-Dichloroethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,2-Dichloropropane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,3,5-Trimethylbenzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,3-Dichlorobenzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,3-Dichloropropane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,4-Dichlorobenzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
2,2-Dichloropropane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
2-Chlorotoluene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
2-Hexanone	ND	26	ug/Kg	02/23/13	H/J	SW8260	
2-Isopropyltoluene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	1
4-Chlorotoluene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
4-Methyl-2-pentanone	ND	26	ug/Kg	02/23/13	H/J	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Acetone	ND	26	ug/Kg	02/23/13	H/J	SW8260
Acrylonitrile	ND	10	ug/Kg	02/23/13	H/J	SW8260
Benzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Bromobenzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Bromochloromethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Bromodichloromethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Bromoform	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Bromomethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Carbon Disulfide	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Carbon tetrachloride	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Chlorobenzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Chloroethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Chloroform	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Chloromethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
cis-1,2-Dichloroethene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
cis-1,3-Dichloropropene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Dibromochloromethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Dibromomethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Dichlorodifluoromethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Ethylbenzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Hexachlorobutadiene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Isopropylbenzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
m&p-Xylene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Methyl Ethyl Ketone	ND	26	ug/Kg	02/23/13	H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	02/23/13	H/J	SW8260
Methylene chloride	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Naphthalene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
n-Butylbenzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
n-Propylbenzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
o-Xylene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
p-Isopropyltoluene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
sec-Butylbenzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Styrene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
tert-Butylbenzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Tetrachloroethene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Tetrahydrofuran (THF)	ND	10	ug/Kg	02/23/13	H/J	SW8260
Toluene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Total Xylenes	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
trans-1,2-Dichloroethene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
trans-1,3-Dichloropropene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	02/23/13	H/J	SW8260
Trichloroethene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Trichlorofluoromethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Trichlorotrifluoroethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Vinyl chloride	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
<b>QA/QC Surrogates</b>						
% 1,2-dichlorobenzene-d4	97		%	02/23/13	H/J	70 - 130 %
% Bromofluorobenzene	93		%	02/23/13	H/J	70 - 130 %
% Dibromofluoromethane	110		%	02/23/13	H/J	70 - 130 %
% Toluene-d8	95		%	02/23/13	H/J	70 - 130 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

1P = This parameter is pending certification by NY NELAC for this matrix.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

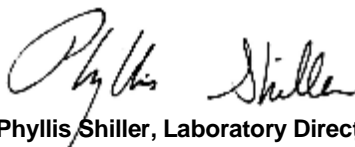
**Comments:**

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager





Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



## Analysis Report

February 28, 2013

FOR: Attn: Mr Sean Morgan  
Conklin Services & Construction  
94 Stewart Avenue  
Newburgh, NY 12550

### Sample Information

Matrix: SOLID  
Location Code: CONKLIN  
Rush Request: Standard  
P.O.#: 269906

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time  
02/17/13 0:00  
02/21/13 16:36

### Laboratory Data

SDG ID: GBD38590  
Phoenix ID: BD38591

Project ID: LOVE CLEANERS  
Client ID: 2-SB-13

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	97		%	02/21/13	JL	E160.3

### Volatiles

1,1,1,2-Tetrachloroethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,1,1-Trichloroethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,1,2-Trichloroethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,1-Dichloroethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,1-Dichloroethene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,1-Dichloropropene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,2,3-Trichlorobenzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,2,3-Trichloropropane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,2,4-Trichlorobenzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,2,4-Trimethylbenzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,2-Dibromoethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	1P
1,2-Dichlorobenzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,2-Dichloroethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,2-Dichloropropane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,3,5-Trimethylbenzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,3-Dichlorobenzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,3-Dichloropropane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
1,4-Dichlorobenzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
2,2-Dichloropropane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
2-Chlorotoluene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
2-Hexanone	ND	26	ug/Kg	02/23/13	H/J	SW8260	
2-Isopropyltoluene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	1
4-Chlorotoluene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260	
4-Methyl-2-pentanone	ND	26	ug/Kg	02/23/13	H/J	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Acetone	ND	26	ug/Kg	02/23/13	H/J	SW8260
Acrylonitrile	ND	10	ug/Kg	02/23/13	H/J	SW8260
Benzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Bromobenzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Bromochloromethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Bromodichloromethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Bromoform	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Bromomethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Carbon Disulfide	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Carbon tetrachloride	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Chlorobenzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Chloroethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Chloroform	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Chloromethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
cis-1,2-Dichloroethene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
cis-1,3-Dichloropropene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Dibromochloromethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Dibromomethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Dichlorodifluoromethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Ethylbenzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Hexachlorobutadiene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Isopropylbenzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
m&p-Xylene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Methyl Ethyl Ketone	ND	26	ug/Kg	02/23/13	H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	02/23/13	H/J	SW8260
Methylene chloride	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Naphthalene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
n-Butylbenzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
n-Propylbenzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
o-Xylene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
p-Isopropyltoluene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
sec-Butylbenzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Styrene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
tert-Butylbenzene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Tetrachloroethene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Tetrahydrofuran (THF)	ND	10	ug/Kg	02/23/13	H/J	SW8260
Toluene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Total Xylenes	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
trans-1,2-Dichloroethene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
trans-1,3-Dichloropropene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	02/23/13	H/J	SW8260
Trichloroethene	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Trichlorofluoromethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Trichlorotrifluoroethane	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
Vinyl chloride	ND	5.2	ug/Kg	02/23/13	H/J	SW8260
<b><u>QA/QC Surrogates</u></b>						
% 1,2-dichlorobenzene-d4	100		%	02/23/13	H/J	70 - 130 %
% Bromofluorobenzene	95		%	02/23/13	H/J	70 - 130 %
% Dibromofluoromethane	101		%	02/23/13	H/J	70 - 130 %
% Toluene-d8	96		%	02/23/13	H/J	70 - 130 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

1P = This parameter is pending certification by NY NELAC for this matrix.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

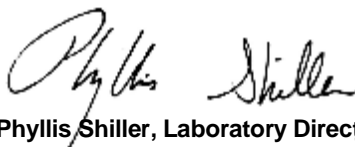
**Comments:**

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



# QA/QC Report

February 28, 2013

## QA/QC Data

SDG I.D.: GBD38590

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 221980, QC Sample No: BD38590 (BD38590, BD38591)									
<b>Volatiles - Solid</b>									
1,1,1,2-Tetrachloroethane	ND	105	102	2.9	102	99	3.0	70 - 130	30
1,1,1-Trichloroethane	ND	106	105	0.9	105	107	1.9	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	86	86	0.0	82	82	0.0	70 - 130	30
1,1,2-Trichloroethane	ND	103	109	5.7	100	103	3.0	70 - 130	30
1,1-Dichloroethane	ND	88	87	1.1	87	97	10.9	70 - 130	30
1,1-Dichloroethene	ND	97	97	0.0	100	101	1.0	70 - 130	30
1,1-Dichloropropene	ND	93	96	3.2	92	95	3.2	70 - 130	30
1,2,3-Trichlorobenzene	ND	86	93	7.8	83	90	8.1	70 - 130	30
1,2,3-Trichloropropane	ND	86	88	2.3	89	94	5.5	70 - 130	30
1,2,4-Trichlorobenzene	ND	81	87	7.1	78	81	3.8	70 - 130	30
1,2,4-Trimethylbenzene	ND	90	93	3.3	83	84	1.2	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	94	88	6.6	91	96	5.3	70 - 130	30
1,2-Dibromoethane	ND	100	108	7.7	99	106	6.8	70 - 130	30
1,2-Dichlorobenzene	ND	92	97	5.3	87	92	5.6	70 - 130	30
1,2-Dichloroethane	ND	106	107	0.9	107	108	0.9	70 - 130	30
1,2-Dichloropropane	ND	94	98	4.2	92	97	5.3	70 - 130	30
1,3,5-Trimethylbenzene	ND	89	94	5.5	85	86	1.2	70 - 130	30
1,3-Dichlorobenzene	ND	88	95	7.7	82	86	4.8	70 - 130	30
1,3-Dichloropropane	ND	96	93	3.2	95	91	4.3	70 - 130	30
1,4-Dichlorobenzene	ND	87	94	7.7	82	85	3.6	70 - 130	30
2,2-Dichloropropane	ND	100	97	3.0	96	95	1.0	70 - 130	30
2-Chlorotoluene	ND	88	93	5.5	85	87	2.3	70 - 130	30
2-Hexanone	ND	74	75	1.3	76	72	5.4	70 - 130	30
2-Isopropyltoluene	ND	88	91	3.4	86	88	2.3	70 - 130	30
4-Chlorotoluene	ND	84	91	8.0	81	83	2.4	70 - 130	30
4-Methyl-2-pentanone	ND	91	98	7.4	94	97	3.1	70 - 130	30
Acetone	ND	71	69	2.9	74	69	7.0	70 - 130	30
Acrylonitrile	ND	84	90	6.9	87	99	12.9	70 - 130	30
Benzene	ND	93	94	1.1	93	94	1.1	70 - 130	30
Bromobenzene	ND	97	99	2.0	91	93	2.2	70 - 130	30
Bromochloromethane	ND	100	102	2.0	103	105	1.9	70 - 130	30
Bromodichloromethane	ND	108	109	0.9	101	108	6.7	70 - 130	30
Bromoform	ND	109	112	2.7	101	102	1.0	70 - 130	30
Bromomethane	ND	103	88	15.7	99	97	2.0	70 - 130	30
Carbon Disulfide	ND	88	89	1.1	95	97	2.1	70 - 130	30
Carbon tetrachloride	ND	106	110	3.7	102	106	3.8	70 - 130	30
Chlorobenzene	ND	94	97	3.1	92	92	0.0	70 - 130	30
Chloroethane	ND	99	99	0.0	98	100	2.0	70 - 130	30
Chloroform	ND	106	102	3.8	103	104	1.0	70 - 130	30
Chloromethane	ND	83	83	0.0	83	87	4.7	70 - 130	30
cis-1,2-Dichloroethene	ND	102	95	7.1	100	100	0.0	70 - 130	30

l,m

## QA/QC Data

SDG I.D.: GBD38590

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
cis-1,3-Dichloropropene	ND	94	97	3.1	92	95	3.2	70 - 130	30
Dibromochloromethane	ND	108	103	4.7	101	99	2.0	70 - 130	30
Dibromomethane	ND	101	106	4.8	99	104	4.9	70 - 130	30
Dichlorodifluoromethane	ND	89	101	12.6	87	90	3.4	70 - 130	30
Ethylbenzene	ND	90	94	4.3	90	91	1.1	70 - 130	30
Hexachlorobutadiene	ND	86	88	2.3	87	93	6.7	70 - 130	30
Isopropylbenzene	ND	90	93	3.3	85	86	1.2	70 - 130	30
m&p-Xylene	ND	87	95	8.8	87	88	1.1	70 - 130	30
Methyl ethyl ketone	ND	67	66	1.5	76	71	6.8	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	98	97	1.0	101	100	1.0	70 - 130	30
Methylene chloride	ND	93	96	3.2	95	96	1.0	70 - 130	30
Naphthalene	ND	93	94	1.1	90	94	4.3	70 - 130	30
n-Butylbenzene	ND	81	83	2.4	78	78	0.0	70 - 130	30
n-Propylbenzene	ND	89	95	6.5	84	85	1.2	70 - 130	30
o-Xylene	ND	95	100	5.1	90	90	0.0	70 - 130	30
p-Isopropyltoluene	ND	86	91	5.6	81	84	3.6	70 - 130	30
sec-Butylbenzene	ND	86	91	5.6	83	86	3.6	70 - 130	30
Styrene	ND	90	98	8.5	88	92	4.4	70 - 130	30
tert-Butylbenzene	ND	93	97	4.2	88	91	3.4	70 - 130	30
Tetrachloroethene	ND	93	94	1.1	91	89	2.2	70 - 130	30
Tetrahydrofuran (THF)	ND	93	97	4.2	96	100	4.1	70 - 130	30
Toluene	ND	93	102	9.2	92	97	5.3	70 - 130	30
trans-1,2-Dichloroethene	ND	100	98	2.0	101	99	2.0	70 - 130	30
trans-1,3-Dichloropropene	ND	101	105	3.9	98	101	3.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	91	85	6.8	84	79	6.1	70 - 130	30
Trichloroethene	ND	103	111	7.5	101	105	3.9	70 - 130	30
Trichlorofluoromethane	ND	107	108	0.9	106	108	1.9	70 - 130	30
Trichlorotrifluoroethane	ND	99	101	2.0	105	102	2.9	70 - 130	30
Vinyl chloride	ND	90	94	4.3	89	93	4.4	70 - 130	30
% 1,2-dichlorobenzene-d4	98	102	100	2.0	99	102	3.0	70 - 130	30
% Bromofluorobenzene	95	101	102	1.0	101	101	0.0	70 - 130	30
% Dibromofluoromethane	101	106	99	6.8	107	106	0.9	70 - 130	30
% Toluene-d8	97	99	104	4.9	98	103	5.0	70 - 130	30

Comment:

A blank MS/MSD was analyzed with this batch.

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

I = This parameter is outside laboratory lcs/lcsd specified recovery limits.

m = This parameter is outside laboratory ms/msd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

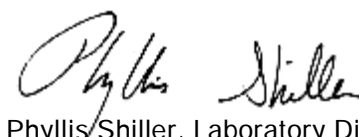
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director  
February 28, 2013

Thursday, February 28, 2013

Requested Criteria: 375

State: NY

## Sample Criteria Exceedences Report

### GBD38590 - CONKLIN

Page 1 of 1

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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\*\*\* No Data to Display \*\*\*

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



# **NY Temperature Narration**

**February 28, 2013**

**SDG I.D.: GBD38590**

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The samples in this delivery group were received at 4°C.  
(Note acceptance criteria is above freezing up to 6°C)







Thursday, February 28, 2013

Attn: Mr Sean Morgan  
Conklin Services & Construction  
94 Stewart Avenue  
Newburgh, NY 12550

Project ID: LOVE CLEANERS  
Sample ID#s: BD38581 - BD38585

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller", is written over a light blue horizontal line.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



# Analysis Report

February 28, 2013

FOR: Attn: Mr Sean Morgan  
Conklin Services & Construction  
94 Stewart Avenue  
Newburgh, NY 12550

## Sample Information

Matrix: AIR  
Location Code: CONKLIN  
Rush Request: Standard  
P.O.#: 269907

## Custody Information

Collected by: SM  
Received by: SW  
Analyzed by: see "By" below

Date Time  
02/19/13 14:00  
02/21/13 16:36

## Laboratory Data

SDG ID: GBD38581  
Phoenix ID: BD38581

Project ID: LOVE CLEANERS  
Client ID: UP-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
<b>Volatiles (TO15)</b>							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	02/22/13	KCA	TO15 1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	02/22/13	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	02/22/13	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	02/22/13	KCA	TO15
1,1-Dichloroethane	ND	0.247	ND	1.00	02/22/13	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	02/22/13	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	02/22/13	KCA	TO15
1,2,4-Trimethylbenzene	3.62	0.204	17.8	1.00	02/22/13	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	02/22/13	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	02/22/13	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	02/22/13	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	02/22/13	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	02/22/13	KCA	TO15
1,3,5-Trimethylbenzene	1.09	0.204	5.36	1.00	02/22/13	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	02/22/13	KCA	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.00	02/22/13	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	02/22/13	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	02/22/13	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	02/22/13	KCA	TO15 1
4-Ethyltoluene	0.83	0.204	4.08	1.00	02/22/13	KCA	TO15 1
4-Isopropyltoluene	0.45	0.182	2.47	1.00	02/22/13	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	1.94	0.244	7.94	1.00	02/22/13	KCA	TO15
Acetone	14.3	0.421	33.9	1.00	02/22/13	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	02/22/13	KCA	TO15
Benzene	2.47	0.313	7.88	1.00	02/22/13	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	02/22/13	KCA	TO15
Bromodichloromethane	1	0.149	6.70	1.00	02/22/13	KCA	TO15

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromoform	ND	0.097	ND	1.00	02/22/13	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	02/22/13	KCA	TO15
Carbon Disulfide	1.33	0.321	4.14	1.00	02/22/13	KCA	TO15
Carbon Tetrachloride	0.04	0.040	0.251	0.25	02/22/13	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	02/22/13	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	02/22/13	KCA	TO15
Chloroform	1.9	0.205	9.27	1.00	02/22/13	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	02/22/13	KCA	TO15
Cis-1,2-Dichloroethene	24.3	0.252	96.3	1.00	02/22/13	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	02/22/13	KCA	TO15 1
Cyclohexane	1.96	0.291	6.74	1.00	02/22/13	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	02/22/13	KCA	TO15
Dichlorodifluoromethane	0.47	0.202	2.32	1.00	02/22/13	KCA	TO15
Ethanol	8.47	0.531	15.9	1.00	02/22/13	KCA	TO15 1
Ethyl acetate	1	0.278	3.60	1.00	02/22/13	KCA	TO15 1
Ethylbenzene	1.15	0.230	4.99	1.00	02/22/13	KCA	TO15
Heptane	3.99	0.244	16.3	1.00	02/22/13	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	02/22/13	KCA	TO15
Hexane	6.75	0.284	23.8	1.00	02/22/13	KCA	TO15
Isopropylalcohol	ND	0.407	ND	1.00	02/22/13	KCA	TO15
Isopropylbenzene	0.31	0.204	1.52	1.00	02/22/13	KCA	TO15
m,p-Xylene	3.44	0.230	14.9	1.00	02/22/13	KCA	TO15
Methyl Ethyl Ketone	3.67	0.339	10.8	1.00	02/22/13	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	02/22/13	KCA	TO15
Methylene Chloride	0.42	0.288	1.46	1.00	02/22/13	KCA	TO15
n-Butylbenzene	0.93	0.182	5.10	1.00	02/22/13	KCA	TO15 1
o-Xylene	1.52	0.230	6.60	1.00	02/22/13	KCA	TO15
Propylene	71	0.581	122	1.00	02/22/13	KCA	TO15 1
sec-Butylbenzene	0.46	0.182	2.52	1.00	02/22/13	KCA	TO15 1
Styrene	0.55	0.235	2.34	1.00	02/22/13	KCA	TO15
<b>Tetrachloroethene</b>	<b>171000</b>	<b>0.037</b>	<b>1160000</b>	<b>0.25</b>	<b>02/22/13</b>	<b>KCA</b>	<b>TO15</b>
Tetrahydrofuran	0.51	0.339	1.50	1.00	02/22/13	KCA	TO15 1
Toluene	3.19	0.266	12.0	1.00	02/22/13	KCA	TO15
Trans-1,2-Dichloroethene	5.79	0.252	22.9	1.00	02/22/13	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	02/22/13	KCA	TO15
<b>Trichloroethene</b>	<b>112</b>	<b>0.047</b>	<b>601</b>	<b>0.25</b>	<b>02/22/13</b>	<b>KCA</b>	<b>TO15</b>
Trichlorofluoromethane	0.47	0.178	2.64	1.00	02/22/13	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	02/22/13	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	02/22/13	KCA	TO15
<b><u>QA/QC Surrogates</u></b>							
% Bromofluorobenzene	112	%	112	%	02/22/13	KCA	TO15

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

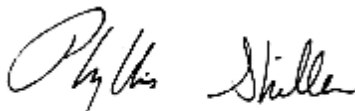
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

**Comments:**

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**February 28, 2013**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



## Analysis Report

February 28, 2013

FOR: Attn: Mr Sean Morgan  
Conklin Services & Construction  
94 Stewart Avenue  
Newburgh, NY 12550

### Sample Information

Matrix: AIR  
Location Code: CONKLIN  
Rush Request: Standard  
P.O.#: 269907

### Custody Information

Collected by: SM  
Received by: SW  
Analyzed by: see "By" below

Date

02/19/13 13:54

02/21/13 16:36

### Laboratory Data

SDG ID: GBD38581

Phoenix ID: BD38582

Project ID: LOVE CLEANERS

Client ID: SUB SLAB

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
<b>Volatiles (TO15)</b>							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	02/22/13	KCA	TO15 1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	02/22/13	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	02/22/13	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	02/22/13	KCA	TO15
1,1-Dichloroethane	ND	0.247	ND	1.00	02/22/13	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	02/22/13	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	02/22/13	KCA	TO15
1,2,4-Trimethylbenzene	0.57	0.204	2.80	1.00	02/22/13	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	02/22/13	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	02/22/13	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	02/22/13	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	02/22/13	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	02/22/13	KCA	TO15
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	02/22/13	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	02/22/13	KCA	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.00	02/22/13	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	02/22/13	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	02/22/13	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	02/22/13	KCA	TO15 1
4-Ethyltoluene	ND	0.204	ND	1.00	02/22/13	KCA	TO15 1
4-Isopropyltoluene	0.24	0.182	1.32	1.00	02/22/13	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	02/22/13	KCA	TO15
Acetone	8.75	0.421	20.8	1.00	02/22/13	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	02/22/13	KCA	TO15
Benzene	ND	0.313	ND	1.00	02/22/13	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	02/22/13	KCA	TO15
Bromodichloromethane	ND	0.149	ND	1.00	02/22/13	KCA	TO15

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromoform	ND	0.097	ND	1.00	02/22/13	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	02/22/13	KCA	TO15
Carbon Disulfide	ND	0.321	ND	1.00	02/22/13	KCA	TO15
Carbon Tetrachloride	0.06	0.040	0.377	0.25	02/22/13	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	02/22/13	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	02/22/13	KCA	TO15
Chloroform	0.57	0.205	2.78	1.00	02/22/13	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	02/22/13	KCA	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	02/22/13	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	02/22/13	KCA	TO15 1
Cyclohexane	ND	0.291	ND	1.00	02/22/13	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	02/22/13	KCA	TO15
Dichlorodifluoromethane	0.28	0.202	1.38	1.00	02/22/13	KCA	TO15
Ethanol	74.2	E 0.531	140	1.00	02/22/13	KCA	TO15 1
Ethyl acetate	0.39	0.278	1.40	1.00	02/22/13	KCA	TO15 1
Ethylbenzene	0.37	0.230	1.60	1.00	02/22/13	KCA	TO15
Heptane	0.74	0.244	3.03	1.00	02/22/13	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	02/22/13	KCA	TO15
Hexane	2.3	0.284	8.10	1.00	02/22/13	KCA	TO15
Isopropylalcohol	4.3	0.407	10.6	1.00	02/22/13	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	02/22/13	KCA	TO15
m,p-Xylene	1.03	0.230	4.47	1.00	02/22/13	KCA	TO15
Methyl Ethyl Ketone	0.67	0.339	1.97	1.00	02/22/13	KCA	TO15
Methyl tert-butyl ether(MTBE)	1.34	0.278	4.83	1.00	02/22/13	KCA	TO15
Methylene Chloride	ND	0.288	ND	1.00	02/22/13	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.00	02/22/13	KCA	TO15 1
o-Xylene	0.47	0.230	2.04	1.00	02/22/13	KCA	TO15
Propylene	ND	0.581	ND	1.00	02/22/13	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	02/22/13	KCA	TO15 1
Styrene	0.55	0.235	2.34	1.00	02/22/13	KCA	TO15
<b>Tetrachloroethene</b>	<b>7.02</b>	<b>0.037</b>	<b>47.6</b>	<b>0.25</b>	<b>02/22/13</b>	<b>KCA</b>	<b>TO15</b>
Tetrahydrofuran	ND	0.339	ND	1.00	02/22/13	KCA	TO15 1
Toluene	1.1	0.266	4.14	1.00	02/22/13	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	02/22/13	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	02/22/13	KCA	TO15
<b>Trichloroethene</b>	<b>0.1</b>	<b>0.047</b>	<b>0.537</b>	<b>0.25</b>	<b>02/22/13</b>	<b>KCA</b>	<b>TO15</b>
Trichlorofluoromethane	ND	0.178	ND	1.00	02/22/13	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	02/22/13	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	02/22/13	KCA	TO15
<b><u>QA/QC Surrogates</u></b>							
% Bromofluorobenzene	104	%	104	%	02/22/13	KCA	TO15

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

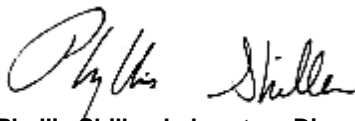
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

**Comments:**

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**February 28, 2013**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



## Analysis Report

February 28, 2013

FOR: Attn: Mr Sean Morgan  
Conklin Services & Construction  
94 Stewart Avenue  
Newburgh, NY 12550

### Sample Information

Matrix: AIR  
Location Code: CONKLIN  
Rush Request: Standard  
P.O.#: 269907

### Custody Information

Collected by: SM  
Received by: SW  
Analyzed by: see "By" below

Date Time  
02/19/13 13:48  
02/21/13 16:36

### Laboratory Data

SDG ID: GBD38581  
Phoenix ID: BD38583

Project ID: LOVE CLEANERS  
Client ID: INDOOR AIR

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
<b>Volatiles (TO15)</b>							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	02/22/13	KCA	TO15 1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	02/22/13	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	02/22/13	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	02/22/13	KCA	TO15
1,1-Dichloroethane	ND	0.247	ND	1.00	02/22/13	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	02/22/13	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	02/22/13	KCA	TO15
1,2,4-Trimethylbenzene	0.24	0.204	1.18	1.00	02/22/13	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	02/22/13	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	02/22/13	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	02/22/13	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	02/22/13	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	02/22/13	KCA	TO15
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	02/22/13	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	02/22/13	KCA	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.00	02/22/13	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	02/22/13	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	02/22/13	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	02/22/13	KCA	TO15 1
4-Ethyltoluene	ND	0.204	ND	1.00	02/22/13	KCA	TO15 1
4-Isopropyltoluene	0.23	0.182	1.26	1.00	02/22/13	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	02/22/13	KCA	TO15
Acetone	12.1	0.421	28.7	1.00	02/22/13	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	02/22/13	KCA	TO15
Benzene	0.33	0.313	1.05	1.00	02/22/13	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	02/22/13	KCA	TO15
Bromodichloromethane	ND	0.149	ND	1.00	02/22/13	KCA	TO15



Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromoform	ND	0.097	ND	1.00	02/22/13	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	02/22/13	KCA	TO15
Carbon Disulfide	ND	0.321	ND	1.00	02/22/13	KCA	TO15
Carbon Tetrachloride	0.1	0.040	0.629	0.25	02/22/13	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	02/22/13	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	02/22/13	KCA	TO15
Chloroform	0.5	0.205	2.44	1.00	02/22/13	KCA	TO15
Chloromethane	1.07	0.484	2.21	1.00	02/22/13	KCA	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	02/22/13	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	02/22/13	KCA	TO15 1
Cyclohexane	ND	0.291	ND	1.00	02/22/13	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	02/22/13	KCA	TO15
Dichlorodifluoromethane	0.52	0.202	2.57	1.00	02/22/13	KCA	TO15
Ethanol	138	E 0.531	260	1.00	02/22/13	KCA	TO15 1
Ethyl acetate	ND	0.278	ND	1.00	02/22/13	KCA	TO15 1
Ethylbenzene	ND	0.230	ND	1.00	02/22/13	KCA	TO15
Heptane	ND	0.244	ND	1.00	02/22/13	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	02/22/13	KCA	TO15
Hexane	0.58	0.284	2.04	1.00	02/22/13	KCA	TO15
Isopropylalcohol	7.87	0.407	19.3	1.00	02/22/13	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	02/22/13	KCA	TO15
m,p-Xylene	0.31	0.230	1.34	1.00	02/22/13	KCA	TO15
Methyl Ethyl Ketone	0.39	0.339	1.15	1.00	02/22/13	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	02/22/13	KCA	TO15
Methylene Chloride	0.45	0.288	1.56	1.00	02/22/13	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.00	02/22/13	KCA	TO15 1
o-Xylene	ND	0.230	ND	1.00	02/22/13	KCA	TO15
Propylene	ND	0.581	ND	1.00	02/22/13	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	02/22/13	KCA	TO15 1
Styrene	ND	0.235	ND	1.00	02/22/13	KCA	TO15
<b>Tetrachloroethene</b>	<b>0.25</b>	<b>0.037</b>	<b>1.69</b>	<b>0.25</b>	<b>02/22/13</b>	<b>KCA</b>	<b>TO15</b>
Tetrahydrofuran	ND	0.339	ND	1.00	02/22/13	KCA	TO15 1
Toluene	0.57	0.266	2.15	1.00	02/22/13	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	02/22/13	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	02/22/13	KCA	TO15
<b>Trichloroethene</b>	<b>ND</b>	<b>0.047</b>	<b>ND</b>	<b>0.25</b>	<b>02/22/13</b>	<b>KCA</b>	<b>TO15</b>
Trichlorofluoromethane	0.25	0.178	1.40	1.00	02/22/13	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	02/22/13	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	02/22/13	KCA	TO15
<b><u>QA/QC Surrogates</u></b>							
% Bromofluorobenzene	107	%	107	%	02/22/13	KCA	TO15

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

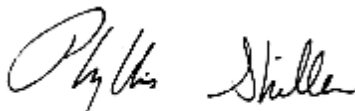
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

**Comments:**

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**February 28, 2013**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



# Analysis Report

February 28, 2013

FOR: Attn: Mr Sean Morgan  
Conklin Services & Construction  
94 Stewart Avenue  
Newburgh, NY 12550

## Sample Information

Matrix: AIR  
Location Code: CONKLIN  
Rush Request: Standard  
P.O.#: 269907

## Custody Information

Collected by: SM  
Received by: SW  
Analyzed by: see "By" below

Date Time  
02/19/13 14:01  
02/21/13 16:36

## Laboratory Data

SDG ID: GBD38581  
Phoenix ID: BD38584

Project ID: LOVE CLEANERS  
Client ID: UP-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
<b>Volatiles (TO15)</b>							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	02/22/13	KCA	TO15 1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	02/22/13	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	02/22/13	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	02/22/13	KCA	TO15
1,1-Dichloroethane	ND	0.247	ND	1.00	02/22/13	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	02/22/13	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	02/22/13	KCA	TO15
1,2,4-Trimethylbenzene	2.4	0.204	11.8	1.00	02/22/13	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	02/22/13	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	02/22/13	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	02/22/13	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	02/22/13	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	02/22/13	KCA	TO15
1,3,5-Trimethylbenzene	0.85	0.204	4.18	1.00	02/22/13	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	02/22/13	KCA	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.00	02/22/13	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	02/22/13	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	02/22/13	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	02/22/13	KCA	TO15 1
4-Ethyltoluene	0.5	0.204	2.46	1.00	02/22/13	KCA	TO15 1
4-Isopropyltoluene	0.32	0.182	1.76	1.00	02/22/13	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	3.76	0.244	15.4	1.00	02/22/13	KCA	TO15
Acetone	29.7	0.421	70.5	1.00	02/22/13	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	02/22/13	KCA	TO15
Benzene	2.02	0.313	6.45	1.00	02/22/13	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	02/22/13	KCA	TO15
Bromodichloromethane	0.42	0.149	2.81	1.00	02/22/13	KCA	TO15

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromoform	ND	0.097	ND	1.00	02/22/13	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	02/22/13	KCA	TO15
Carbon Disulfide	0.35	0.321	1.09	1.00	02/22/13	KCA	TO15
Carbon Tetrachloride	0.05	0.040	0.314	0.25	02/22/13	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	02/22/13	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	02/22/13	KCA	TO15
Chloroform	3.69	0.205	18.0	1.00	02/22/13	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	02/22/13	KCA	TO15
Cis-1,2-Dichloroethene	5.22	0.252	20.7	1.00	02/22/13	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	02/22/13	KCA	TO15 1
Cyclohexane	2.09	0.291	7.19	1.00	02/22/13	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	02/22/13	KCA	TO15
Dichlorodifluoromethane	0.45	0.202	2.22	1.00	02/22/13	KCA	TO15
Ethanol	28.6	0.531	53.8	1.00	02/22/13	KCA	TO15 1
Ethyl acetate	0.42	0.278	1.51	1.00	02/22/13	KCA	TO15 1
Ethylbenzene	0.96	0.230	4.17	1.00	02/22/13	KCA	TO15
Heptane	1.97	0.244	8.07	1.00	02/22/13	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	02/22/13	KCA	TO15
Hexane	5.51	0.284	19.4	1.00	02/22/13	KCA	TO15
Isopropylalcohol	ND	0.407	ND	1.00	02/22/13	KCA	TO15
Isopropylbenzene	0.27	0.204	1.33	1.00	02/22/13	KCA	TO15
m,p-Xylene	2.8	0.230	12.2	1.00	02/22/13	KCA	TO15
Methyl Ethyl Ketone	3.9	0.339	11.5	1.00	02/22/13	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	02/22/13	KCA	TO15
Methylene Chloride	0.31	0.288	1.08	1.00	02/22/13	KCA	TO15
n-Butylbenzene	0.48	0.182	2.63	1.00	02/22/13	KCA	TO15 1
o-Xylene	1.24	0.230	5.38	1.00	02/22/13	KCA	TO15
Propylene	16.8	0.581	28.9	1.00	02/22/13	KCA	TO15 1
sec-Butylbenzene	0.36	0.182	1.97	1.00	02/22/13	KCA	TO15 1
Styrene	0.48	0.235	2.04	1.00	02/22/13	KCA	TO15
<b>Tetrachloroethene</b>	<b>914</b>	<b>0.037</b>	<b>6200</b>	<b>0.25</b>	<b>02/22/13</b>	<b>KCA</b>	<b>TO15</b>
Tetrahydrofuran	0.87	0.339	2.56	1.00	02/22/13	KCA	TO15 1
Toluene	3.81	0.266	14.3	1.00	02/22/13	KCA	TO15
Trans-1,2-Dichloroethene	1.8	0.252	7.13	1.00	02/22/13	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	02/22/13	KCA	TO15
<b>Trichloroethene</b>	<b>45.5</b>	<b>0.047</b>	<b>244</b>	<b>0.25</b>	<b>02/22/13</b>	<b>KCA</b>	<b>TO15</b>
Trichlorofluoromethane	0.39	0.178	2.19	1.00	02/22/13	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	02/22/13	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	02/22/13	KCA	TO15
<b>QA/QC Surrogates</b>							
% Bromofluorobenzene	106	%	106	%	02/22/13	KCA	TO15

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

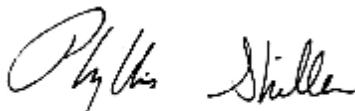
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

**Comments:**

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**February 28, 2013**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



## Analysis Report

February 28, 2013

FOR: Attn: Mr Sean Morgan  
Conklin Services & Construction  
94 Stewart Avenue  
Newburgh, NY 12550

### Sample Information

Matrix: AIR  
Location Code: CONKLIN  
Rush Request: Standard  
P.O.#: 269907

### Custody Information

Collected by: SM  
Received by: SW  
Analyzed by: see "By" below

Date

02/19/13 14:07

02/21/13 16:36

### Laboratory Data

SDG ID: GBD38581

Phoenix ID: BD38585

Project ID: LOVE CLEANERS

Client ID: AMBIENT

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
<b>Volatiles (TO15)</b>							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	02/22/13	KCA	TO15 1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	02/22/13	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	02/22/13	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	02/22/13	KCA	TO15
1,1-Dichloroethane	ND	0.247	ND	1.00	02/22/13	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	02/22/13	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	02/22/13	KCA	TO15
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	02/22/13	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	02/22/13	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	02/22/13	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	02/22/13	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	02/22/13	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	02/22/13	KCA	TO15
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	02/22/13	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	02/22/13	KCA	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.00	02/22/13	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	02/22/13	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	02/22/13	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	02/22/13	KCA	TO15 1
4-Ethyltoluene	ND	0.204	ND	1.00	02/22/13	KCA	TO15 1
4-Isopropyltoluene	ND	0.182	ND	1.00	02/22/13	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	02/22/13	KCA	TO15
Acetone	1.9	0.421	4.51	1.00	02/22/13	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	02/22/13	KCA	TO15
Benzene	0.38	0.313	1.21	1.00	02/22/13	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	02/22/13	KCA	TO15
Bromodichloromethane	ND	0.149	ND	1.00	02/22/13	KCA	TO15

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromoform	ND	0.097	ND	1.00	02/22/13	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	02/22/13	KCA	TO15
Carbon Disulfide	ND	0.321	ND	1.00	02/22/13	KCA	TO15
Carbon Tetrachloride	0.09	0.040	0.566	0.25	02/22/13	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	02/22/13	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	02/22/13	KCA	TO15
Chloroform	ND	0.205	ND	1.00	02/22/13	KCA	TO15
Chloromethane	0.62	0.484	1.28	1.00	02/22/13	KCA	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	02/22/13	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	02/22/13	KCA	TO15 1
Cyclohexane	ND	0.291	ND	1.00	02/22/13	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	02/22/13	KCA	TO15
Dichlorodifluoromethane	0.51	0.202	2.52	1.00	02/22/13	KCA	TO15
Ethanol	6.87	0.531	12.9	1.00	02/22/13	KCA	TO15 1
Ethyl acetate	ND	0.278	ND	1.00	02/22/13	KCA	TO15 1
Ethylbenzene	ND	0.230	ND	1.00	02/22/13	KCA	TO15
Heptane	ND	0.244	ND	1.00	02/22/13	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	02/22/13	KCA	TO15
Hexane	0.51	0.284	1.80	1.00	02/22/13	KCA	TO15
Isopropylalcohol	0.69	0.407	1.70	1.00	02/22/13	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	02/22/13	KCA	TO15
m,p-Xylene	0.32	0.230	1.39	1.00	02/22/13	KCA	TO15
Methyl Ethyl Ketone	ND	0.339	ND	1.00	02/22/13	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	02/22/13	KCA	TO15
Methylene Chloride	0.38	0.288	1.32	1.00	02/22/13	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.00	02/22/13	KCA	TO15 1
o-Xylene	ND	0.230	ND	1.00	02/22/13	KCA	TO15
Propylene	ND	0.581	ND	1.00	02/22/13	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	02/22/13	KCA	TO15 1
Styrene	ND	0.235	ND	1.00	02/22/13	KCA	TO15
<b>Tetrachloroethene</b>	<b>0.06</b>	<b>0.037</b>	<b>0.407</b>	<b>0.25</b>	<b>02/22/13</b>	<b>KCA</b>	<b>TO15</b>
Tetrahydrofuran	ND	0.339	ND	1.00	02/22/13	KCA	TO15 1
Toluene	0.69	0.266	2.60	1.00	02/22/13	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	02/22/13	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	02/22/13	KCA	TO15
<b>Trichloroethene</b>	<b>ND</b>	<b>0.047</b>	<b>ND</b>	<b>0.25</b>	<b>02/22/13</b>	<b>KCA</b>	<b>TO15</b>
Trichlorofluoromethane	0.24	0.178	1.35	1.00	02/22/13	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	02/22/13	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	02/22/13	KCA	TO15
<b><u>QA/QC Surrogates</u></b>							
% Bromofluorobenzene	106	%	106	%	02/22/13	KCA	TO15

Project ID: LOVE CLEANERS

Phoenix I.D.: BD38585

Client ID: AMBIENT

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

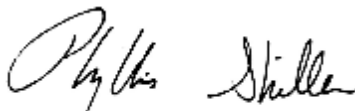
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

**Comments:**

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



**Phyllis Shiller, Laboratory Director**

**February 28, 2013**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**





Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



# QA/QC Report

February 28, 2013

## QA/QC Data

SDG I.D.: GBD38581

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 222083, QC Sample No: BD38581 (BD38581, BD38582, BD38583, BD38584, BD38585)										
<u>Volatiles</u>										
1,1,1,2-Tetrachloroethane	ND	ND	115	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	ND	112	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	ND	110	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	ND	82	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	ND	113	17.8	17.3	3.62	3.52	2.8	70 - 130	20
1,2-Dibromoethane(EDB)	ND	ND	116	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	ND	107	5.36	5.16	1.09	1.05	3.7	70 - 130	20
1,3-Butadiene	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	ND	115	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	ND	110	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	ND	108	4.08	4.27	0.83	0.87	4.7	70 - 130	20
4-Isopropyltoluene	ND	ND	126	2.47	3.73	0.45	0.68	40.7	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	ND	115	7.94	6.84	1.94	1.67	15.0	70 - 130	20
Acetone	ND	ND	105	33.9	45.6	14.3	19.2	29.3	70 - 130	20
Acrylonitrile	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	ND	91	7.88	8.72	2.47	2.73	10.0	70 - 130	20
Benzyl chloride	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	ND	119	6.70	5.22	1	0.78	24.7	70 - 130	20
Bromoform	ND	ND	131	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	ND	98	4.14	4.20	1.33	1.35	1.5	70 - 130	20
Carbon Tetrachloride	ND	ND	113	0.251	0.251	0.04	0.04	0.0	70 - 130	20
Chlorobenzene	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	ND	107	9.27	9.08	1.9	1.86	2.1	70 - 130	20
Chloromethane	ND	ND	93	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	ND	101	96.3	94.7	24.3	23.9	1.7	70 - 130	20
cis-1,3-Dichloropropene	ND	ND	123	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	ND	92	6.74	7.88	1.96	2.29	15.5	70 - 130	20
Dibromochloromethane	ND	ND	127	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	ND	109	2.27	2.37	0.46	0.48	4.3	70 - 130	20
Ethanol	ND	ND	89	15.9	17.7	8.47	9.38	10.2	70 - 130	20

## QA/QC Data

SDG I.D.: GBD38581

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethyl acetate	ND	ND	100	3.60	3.78	1	1.05	4.9	70 - 130	20
Ethylbenzene	ND	ND	108	4.99	5.21	1.15	1.2	4.3	70 - 130	20
Heptane	ND	ND	108	16.3	14.5	3.99	3.55	11.7	70 - 130	20
Hexachlorobutadiene	ND	ND	86	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	ND	96	23.8	26.1	6.75	7.41	9.3	70 - 130	20
Isopropylalcohol	ND	ND	94	ND	1.94	ND	0.79	NC	70 - 130	20
Isopropylbenzene	ND	ND	114	1.28	1.57	0.26	0.32	20.7	70 - 130	20
m,p-Xylene	ND	ND	112	14.9	15.3	3.44	3.53	2.6	70 - 130	20
Methyl Ethyl Ketone	ND	ND	103	10.8	10.7	3.67	3.63	1.1	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	ND	97	1.56	1.53	0.45	0.44	2.2	70 - 130	20
n-Butylbenzene	ND	ND	118	5.10	4.88	0.93	0.89	4.4	70 - 130	20
o-Xylene	ND	ND	109	6.60	6.60	1.52	1.52	0.0	70 - 130	20
Propylene	ND	ND	94	114	126	66.5	73.5	10.0	70 - 130	20
sec-Butylbenzene	ND	ND	118	2.08	2.47	0.38	0.45	16.9	70 - 130	20
Styrene	ND	ND	107	2.34	2.43	0.55	0.57	3.6	70 - 130	20
Tetrachloroethene	ND	ND	119	4840	3160	714	466	42.0	70 - 130	20
Tetrahydrofuran	ND	ND	100	1.50	1.89	0.51	0.64	22.6	70 - 130	20
Toluene	ND	ND	114	12.0	10.9	3.19	2.9	9.5	70 - 130	20
Trans-1,2-Dichloroethene	ND	ND	104	22.9	22.1	5.79	5.59	3.5	70 - 130	20
trans-1,3-Dichloropropene	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	ND	118	827	655	154	122	23.2	70 - 130	20
Trichlorofluoromethane	ND	ND	115	2.70	2.41	0.48	0.43	11.0	70 - 130	20
Trichlorotrifluoroethane	ND	ND	114	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	101	101	103	112	107	112	107	4.6	70 - 130	20

I = This parameter is outside laboratory lcs/lcsd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

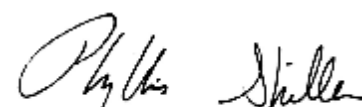
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director

February 28, 2013

Thursday, February 28, 2013

Requested Criteria: None

State: NY

## Sample Criteria Exceedences Report

### GBD38581 - CONKLIN

Page 1 of 1

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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\*\*\* No Data to Display \*\*\*

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



Environmental Laboratories, Inc.

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# CHAIN OF CUSTODY RECORD

## AIR ANALYSES

800-827-5426

email: greg@phoenixlabs.com

P.O. #

Page 1 of 1

### Data Delivery:

☐ Fax #:

☒ Email: Sean@CorklinServing

☐ Phone #:

Report to: Sean Moran	Invoice to: CSE	Project Name: Low (Corklin)
Customer: Corklin		Criteria Requested: Deliverable: RCP <input type="checkbox"/>
Address: 94 Stewart Ave Newburgh NY		MCP <input type="checkbox"/>
	Sampled by: Sean Moran	State where samples collected: NY

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure ("Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start ("Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor	Soil Gas	Grab (G) Comp	TO-14	TO-15
THIS SECTION FOR LAB USE ONLY													MATRIX	ANALYSES			
38581	UP-1	371	6	-30	0	0331	170	1:27	2:00	2/19/13	27	-3	X			X	
38582	Sub slab	215	6	-30	0	5351	170	1:24	1:54		27	0	X			X	
38583	Indoor air	495	6	-30	-5	4990	170	1:18	1:48		32	-9	X			X	
38584	UP-2	11250	6	-30	0	3411	170	1:30	2:01		29	-5	X			X	
38585	Ambient	11292	6	-30	0	3409	170	1:31	2:02		28	-3	X			X	
	UP-2	357	6	-30		4481	170										

Relinquished by: [Signature]	Accepted by: [Signature]	Date: 2-21-13	Time: 12:00	Data Format: Excel <input type="checkbox"/> Equis <input type="checkbox"/> GISKey <input type="checkbox"/>
	Paradise	2/21/13	1636	PDF <input checked="" type="checkbox"/> Other: <input type="checkbox"/>

### SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

357 371 no use  
Bad push pin

DO 269967

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Quote Number:

Signature:

Date: