



02-44-562823

Trueler

Environmental and Geological
Scientists and Engineers

108 E. Davenport Street • Rhinelander, WI 54501 • Tel. 715.365.1818

April 3, 2015

Mr. John Sager
Wisconsin Department
of Natural Resources
1701 N 4th Street
Superior, WI 54880

via email only
johnn.sager@wisconsin.gov

Mr. Andrew Maguire
On-Scene Coordinator
US EPA Region 5
77 W Jackson Blvd.
Chicago, IL 60604

via email only
maquire.andrew@epa.gov

Ms. Naletta Burr
Wisconsin Economic
Development Corp.
201 W Washington Ave.
Madison, WI 53703

Via email only
naletta.burr@wecd.org

Mr. Blaine Oborn
Administrator
City of Rhinelander
135 S. Stevens Street
Rhinelander, WI 54501

Via email only
boborn@rhinelandercityhall.org

Re: **Former Lindey Cleaners**
34 S. Stevens Street
Rhinelanders, Wisconsin
BRRTS No. 02-44-562823

Subject: **Site Investigation Work Plan**

Dear Mr. Segar, Mr. Maguire, Ms. Burr, and Mr. Oborn:

Enclosed for your review and records is a document titled *Site Investigation Work Plan for the Former Lindey Cleaners Property*. Comments are welcome, bearing in mind we plan to implement this work immediately.

Your questions on this matter will receive my prompt response. I can be reached at 715.365.1828 or christopher.rog@sand-creek.com.

Sincerely,
SAND CREEK CONSULTANTS, INC.


Christopher Rog, PG, Principal
Sr. Project Manager

Enclosures: *Site Investigation Work Plan for the Former Lindey Cleaners*

Via email only



Environmental and Geological
Scientists and Engineers

SITE INVESTIGATION WORK PLAN

FOR THE

**FORMER LINDEY CLEANERS
RHINELANDER, WISCONSIN**

BRRTS No. 02-44-562823

APRIL 2015

Prepared for:

The City of Rhinelander, Wisconsin

The US EPA Region 5

The Wisconsin Department of Natural Resources

The Wisconsin Economic Development Corporation

**Prepared by:
Sand Creek Consultants, Inc.
Rhineland, Wisconsin**

TABLE OF CONTENTS

1	INTRODUCTION	1
1.1	Purpose of this Work	1
1.2	Objectives.....	1
1.3	Interested Parties.....	1
1.3.1	Responsible Party/Property Owner	1
1.3.2	Participating Government Agencies: Project Managers.....	1
1.3.3	Environmental Consultant	2
1.4	Site Information	2
1.4.1	Site Location.....	2
1.5	Site Description	2
1.6	Potential Sensitive Receptors	3
2	PLANNED SITE INVESTIGATION ACTIVITIES.....	4
2.1	General Description of Proposed Investigations	4
2.2	Soil Borings	4
2.2.1	TCLP Analysis.....	4
2.3	Groundwater Monitoring of Existing 1" Wells.....	4
2.4	Assessment of Vapor Intrusion	4
2.5	Equipment Decontamination.....	4
2.6	Health and Safety Management	4
2.7	Reporting.....	5
2.8	Remediation.....	5

LIST OF FIGURES

- | | |
|----------|--|
| Figure 1 | General Site Location |
| Figure 2 | Temporary (1") Monitoring Wells Installed 9/2014 |
| Figure 3 | Proposed Soil Boring Locations |

LIST OF APPENDICES

- | | |
|------------|---|
| Appendix A | Laboratory Results from September 2014 Groundwater Sampling |
| Appendix B | Laboratory Results from March 2015 Soil Samples during Demolition |

1 INTRODUCTION

1.1 Purpose of this Work

Site investigation activities will evaluate the extent of dry cleaning solvent contamination present in soil and groundwater at the former Lindey Cleaners (Site).

1.2 Objectives

The primary objectives of the investigation activities are to:

- Evaluate the degree and extent of solvent-impacted soil in the back (west side) of the building in the former dry cleaning machine area where heavily stained and solvent-odorous soils were observed during demolition activities.
- Obtain sufficient information to characterize the nature of the contamination for landfill disposal.
- Develop information to provide a qualitative assessment of vapor intrusion risk to adjacent buildings.

1.3 Interested Parties

1.3.1 Responsible Party/Property Owner

The City of Rhinelander is not the responsible party since the City has received a Local Government Unit Liability Exemption granted by Wisconsin Department of Natural Resources (WDNR) in November 2014. Thus, there is no responsible party.

The property is owned by:

City of Rhinelander
135 S. Stevens Street
Rhineland, WI 54501

Attn: Blaine Oborn
Email: boborn@rhinelander.cityhall.org
Phone: 715.365.8600

1.3.2 Participating Government Agencies: Project Managers

Wisconsin Department of Natural Resources
1701 N 4th Street
Superior, WI 54880

Attn: Mr. John Sager, Project Manager
Email: john.sager@wisconsin.gov
Phone: 715.392.7822

United States Environmental Protection Agency, Region 5
77 W Jackson Boulevard
Chicago, IL 60604

Attn: Andrew Maguire, Superfund On-Scene Coordinator
Email: maguire.andrew@epa.gov
Phone: 312.353.8782

Wisconsin Economic Development Corporation
201 W Washington Avenue
Madison, WI 53703

Attn: Naletta Burr
Email: naletta.burr@wecd.org
Phone: 608.210.6830

1.3.3 Environmental Consultant

Sand Creek Consultants, Inc.
108 E. Davenport Street
Rhineland, WI 54501

Attn: Mr. Christopher Rog, PG, Sr. Project manager
Email: christopher.rog@sand-creek.com
Phone: 715.365.1828

1.4 Site Information

1.4.1 Site Location

The former Lindey Cleaners is located in the City of Rhinelander, Wisconsin. The Site address is 34 S. Stevens Street, Rhinelander, Wisconsin, 54501. The general Site location is indicated on **Figure 1**.

1.5 Site Description

The property is a former dry cleaning business, situated on a 160-foot by 40-foot lot along Stevens Street (a major thoroughfare) in downtown Rhinelander. The property was first developed as a dry cleaning shop sometime around 1920.

The dry cleaning solvent used by Lindey Cleaners was a benzene-naphthalene, petroleum-based solvent (similar to Stoddard solvent or white spirits), not the typical tetrachloroethylene (a.k.a. "perc") used at most dry cleaners.

Based on Sanborn maps, Underground Storage Tank (UST) records, and other written sources, at least seven USTs have been used over the 90+ year period, seven of which are known to have stored solvent and one for fuel oil. The specific locations of most (all but two) tanks are known. Of the seven USTs, only two are known to have been removed, and two are known to have been closed in place.

In August 2014, after a tax-related foreclosure by the City of Rhinelander, the property began the transformation process back to useable real estate.

First, in the fall of 2014, all asbestos was removed by a certified asbestos abatement contractor. Second, over the winter of 2014 – 2015, the United States Environmental Protection Agency's (US EPA) contractor removed all hazardous substances from the property. Third, in September 2014, Sand Creek Consultants, Inc. (Sand Creek) constructed eight small diameter groundwater monitoring wells surrounding the Site (see **Figure 2** for boring locations and **Appendix A** for laboratory results).

During the demolition process, heavily odorous (odor of solvent) and stained soils were noted in the back (west) side of the building where the former USTs had been (**Figure 3**). No effort was made to determine the depth, extent, or degree of the observed impacted soil. Laboratory data from two samples of this material (collected from 1.5 feet below grade) are in **Appendix B**. The results from these samples indicates numerous solvent-related organic substances exceed the residential screening levels for direct contact as enumerated in the Soil Residual Contaminant Level Determinations using the U.S. EPA Regional Screening Level Web Calculator, as described in WDNR PUB RR-890.

In March 2015, a contractor demolished the building, leaving an open, bare lot. Following the receipt of data indicating these soils are in fact impacted above applicable direct contact standards, and noting the area is potentially accessible to neighborhood kids, on March 24, 2015, the site was fenced and the entire property covered with a foot or so of sand. The known impacted area covered with plastic and buried under an additional foot of sand for security and environmental protection.

1.6 Potential Sensitive Receptors

Potential sensitive receptors include:

- Groundwater beneath the affected areas;
- Children or others that may come into direct contact with the impacted soils. The area is now sand covered, and may appear as an attractive nuisance for local children who may then become exposed to the soils.

The site and surrounding properties obtain potable water from the Rhinelander municipal system. There are no municipal wells within 1,000 feet of the Site.

2 PLANNED SITE INVESTIGATION ACTIVITIES

2.1 General Description of Proposed Investigations

Field investigations will be performed to meet the objectives stated in Section 1.2.

2.2 Soil Borings

Approximately 12 soil borings will be advanced in and around the known release area in the rear (west) part of the property. The proposed soil boring and sample locations are indicated on **Figure 3**.

Soil borings will be advanced using direct-push sampling techniques. The borings will extend to approximately 14 feet below ground surface, which is where the water table is expected to be encountered. At least one soil sample will be collected from each boring (more as necessary) and approximately half of the borings will have a groundwater sample collected.

The soil samples will be characterized and the results recorded on field boring logs. The samples will be analyzed in the field using a hand-held photoionization detector, and selected samples will be submitted to a laboratory for analysis of volatile organic compounds (VOCs). Several samples with the highest indicators of contamination (PID or odor) will also be analyzed for semi-volatile organic compounds (SVOCs) and polynuclear aromatic hydrocarbons (PAHs).

2.2.1 TCLP Analysis

In addition, two soil samples will be analyzed using the Toxicity Characteristic Leaching Procedure (TCLP), with two samples for RCRA metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver) and two samples analyzed for VOCs.

2.3 Groundwater Monitoring of Existing 1" Wells

In addition to the groundwater samples collected from the soil borings, samples will be collected from the 9 existing monitoring wells installed during the off-site groundwater investigation in September 2014. The samples will be submitted to a laboratory and analyzed for VOCs.

2.4 Assessment of Vapor Intrusion

The threat of vapor intrusion will be evaluated by determining if free solvent product is present adjacent to existing structures. If it is reasonably ascertained that little or no free product is in contact with the adjacent building foundation, the threat of vapor intrusion will be considered minor.

2.5 Equipment Decontamination

Disposal equipment and materials will be used to the extent possible during sample collection. Reusable equipment will be decontaminated between sample collections.

2.6 Health and Safety Management

Sand Creek personnel are trained in accordance with Occupational Safety and Health Administration (OSHA) requirements of 29 CFR, Part 1910.120, Hazardous Waste Site Operations and Emergency Response standard. Site Health and Safety Plans (HASPs) are prepared for Sand Creek's field operations personnel for every site where there is potential for environmental contamination resulting from hazardous substances.

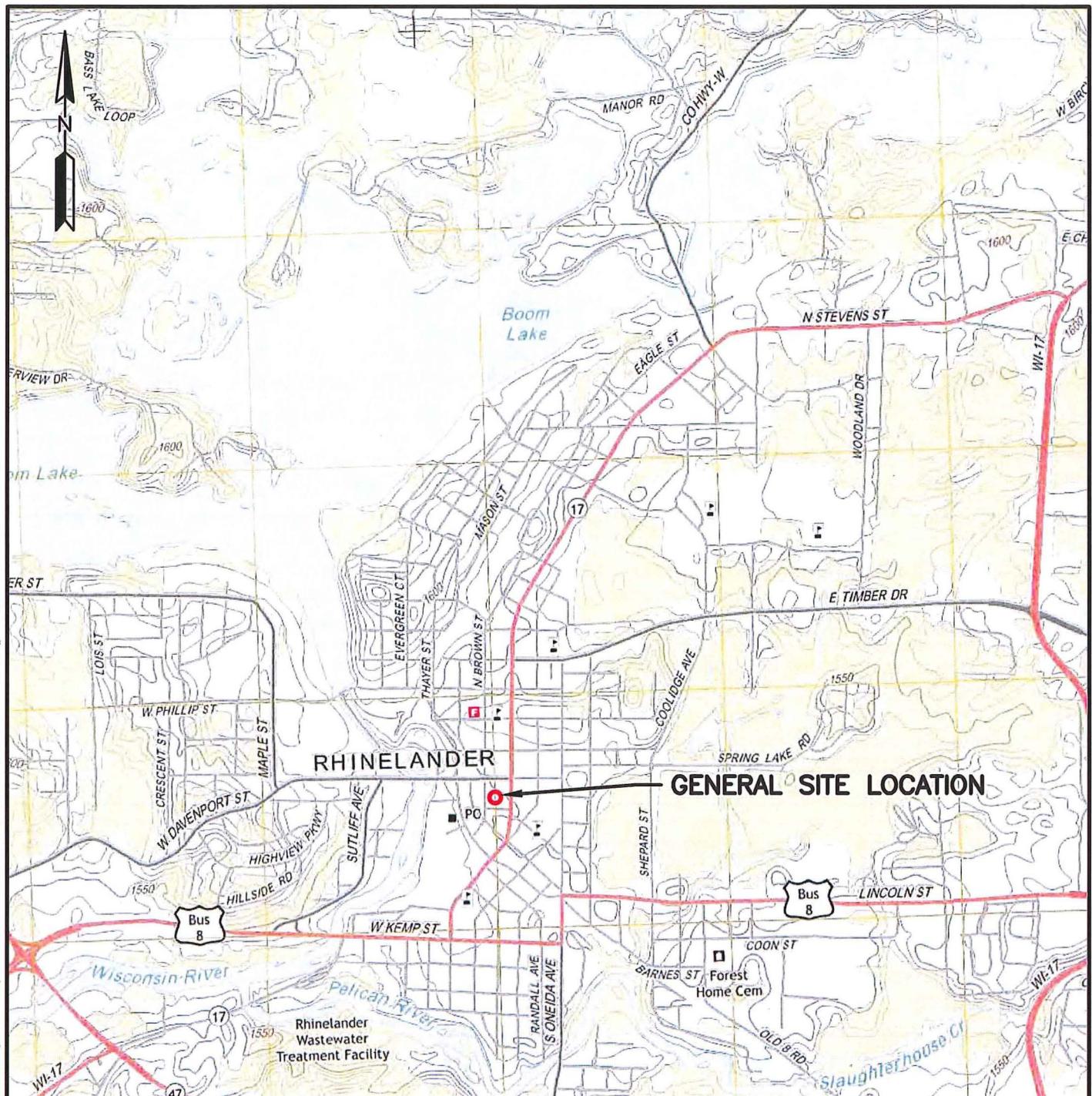
2.7 Reporting

A report summarizing the sampling results and boring locations will be prepared. The report will contain table and figures as appropriate to document the work, and will be delivered to all concerned parties shortly after results are received and the report compiled.

2.8 Remediation

Remediation is not currently proposed for the scope of work outlined in this Work Plan. It is anticipated that remediation, if any, will be completed by the US EPA as part of the Federal agency's ongoing responses for this Site.

Figures



REFERENCE:

USGS 7.5 MIN. RHINELANDER, WISCONSIN
TOPOGRAPHIC QUADRANGLE DATED 2013.



WISCONSIN
ONEIDA COUNTY

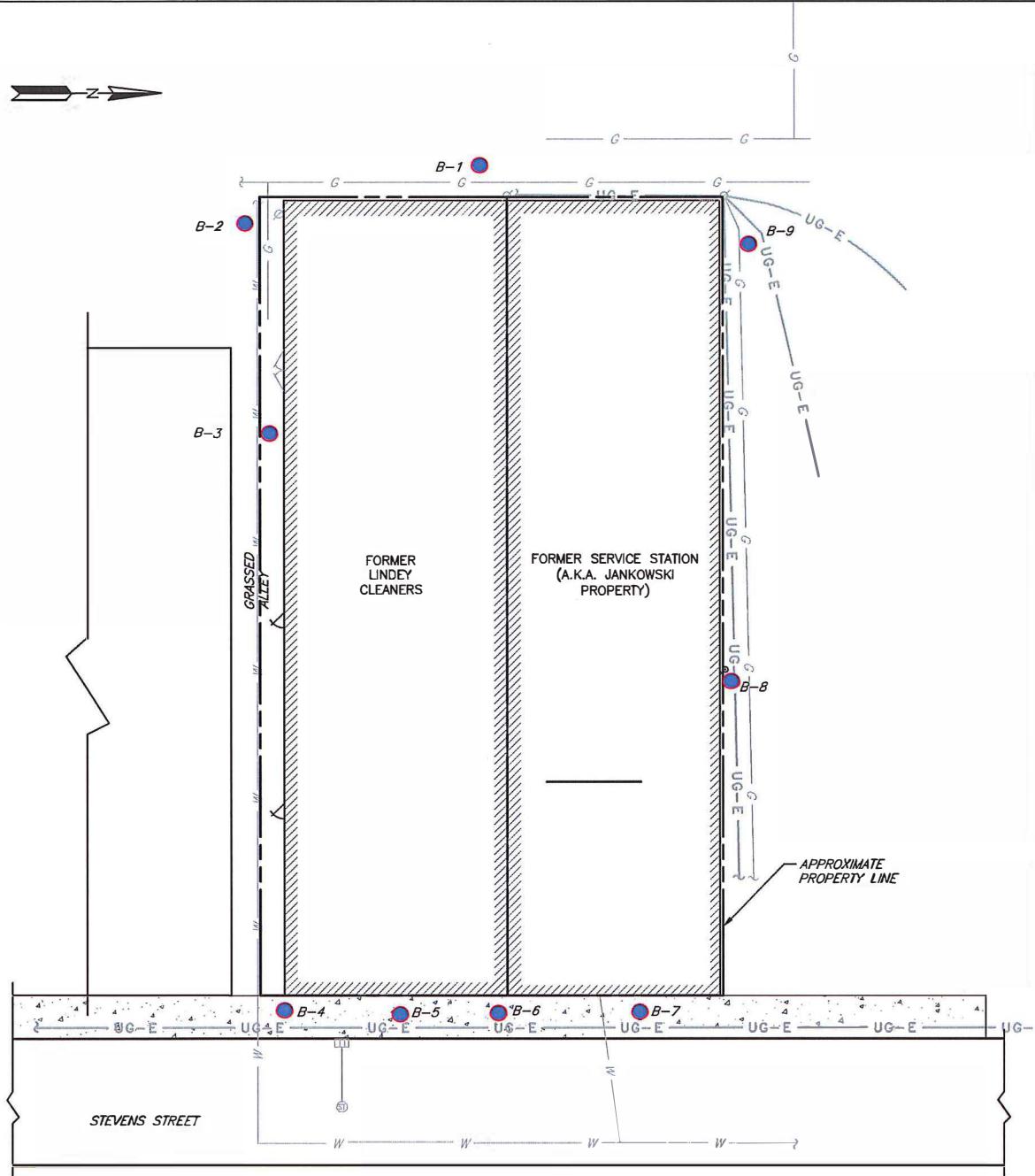
0 1000 2000
SCALE IN FEET



**SAND CREEK
CONSULTANTS, INC.**
Amherst, WI
Rhineland, WI
www.sand-creek.com

GENERAL SITE LOCATION	DATE: OCTOBER 2013	DRAWN BY: KAP
FORMER LINDEY CLEANERS 34 SOUTH STEVENS STREET RHINELANDER, WISCONSIN	SCALE: 1"=2000'	APPROVED: CJR

FIGURE 1



LEGEND

- ||||| BUILDING
- UG-E UNDERGROUND ELECTRIC
- G GAS LINE
- W WATER LINE
- CATCH BASIN
- Ⓐ STORM SEWER MANHOLE
- ∅ UTILITY POLE
- SOIL BORING LOCATION CONVERTED TO 1" MONITORING WELL
- CONCRETE SIDEWALK

0 10 20
SCALE IN FEET

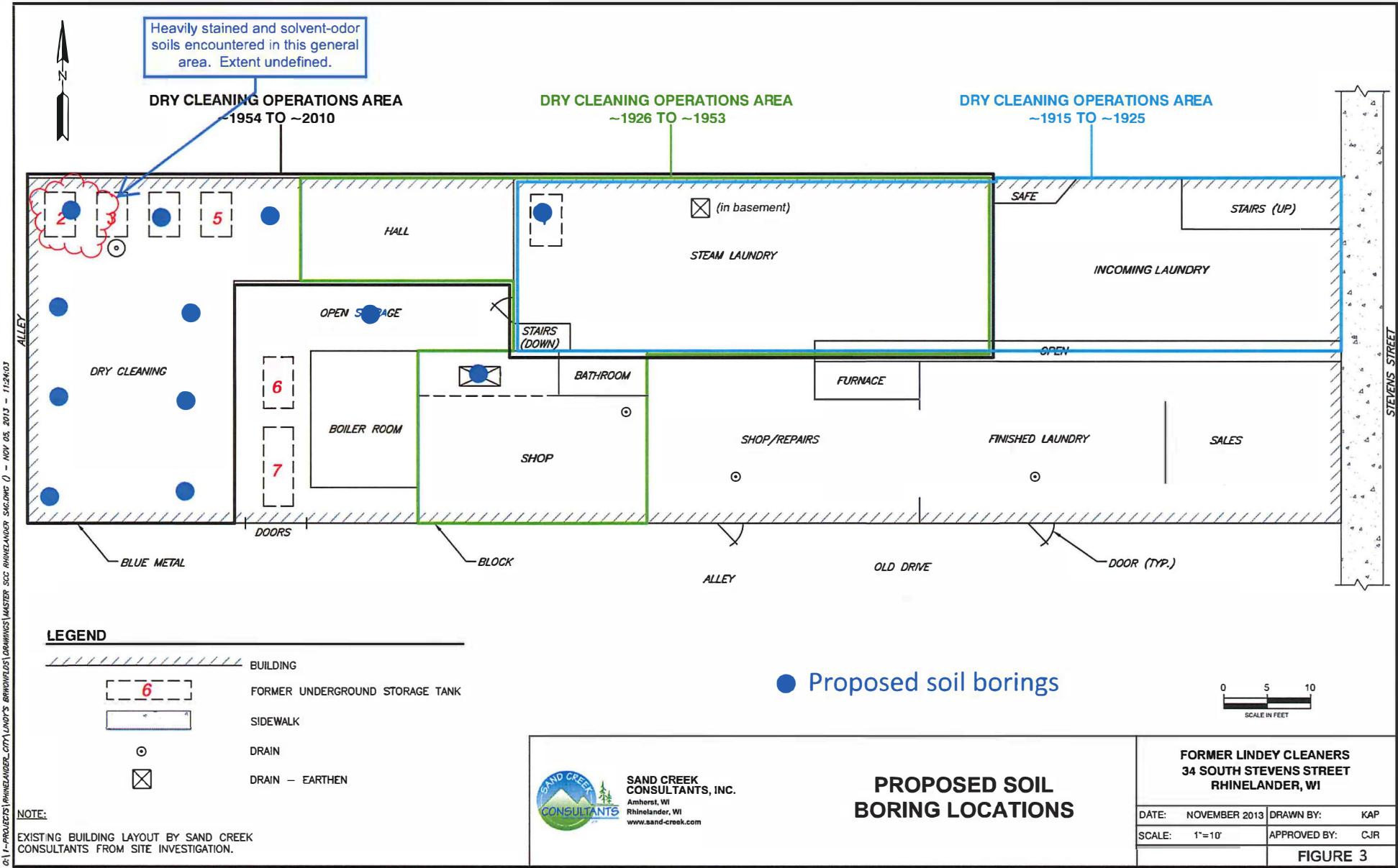


Environmental and Geological
Scientists and Engineers

TEMPORARY (1") MONITORING
WELLS INSTALLED 9/2014

FORMER LINDEY CLEANERS
34 SOUTH STEVENS STREET
RHINELANDER, WI

DATE: NOVEMBER 2014	DRAWN BY: KAP
SCALE: 1"=20'	APPROVED BY: HD
	FIGURE 2



Appendix A
Laboratory Results from September 2014 Groundwater Sampling

September 30, 2014

Hollie DePuydt
SAND CREEK CONSULTANTS, INC.
108 E. Davenport Street
Rhineland, WI 54501

RE: Project: LINDEY CLEANERS
Pace Project No.: 40103891

Dear Hollie DePuydt:

Enclosed are the analytical results for sample(s) received by the laboratory on September 24, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Dan Milewsky
dan.milewsky@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: LINDEY CLEANERS
Pace Project No.: 40103891

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334

New York Certification #: 11888
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: LINDEY CLEANERS

Pace Project No.: 40103891

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40103891001	B-1	Water	09/22/14 09:15	09/24/14 08:40
40103891002	B-2	Water	09/22/14 09:50	09/24/14 08:40
40103891003	B-3	Water	09/22/14 10:15	09/24/14 08:40
40103891004	B-4	Water	09/22/14 10:35	09/24/14 08:40
40103891005	B-5	Water	09/22/14 10:50	09/24/14 08:40
40103891006	B-6	Water	09/22/14 11:35	09/24/14 08:40
40103891007	B-7	Water	09/22/14 12:08	09/24/14 08:40
40103891008	B-8	Water	09/22/14 12:50	09/24/14 08:40
40103891009	B-9	Water	09/22/14 13:20	09/24/14 08:40

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SAMPLE ANALYTE COUNT

Project: LINDEY CLEANERS
 Pace Project No.: 40103891

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40103891001	B-1	EPA 8260	HNW	63
40103891002	B-2	EPA 8260	HNW	63
40103891003	B-3	EPA 8260	HNW	63
40103891004	B-4	EPA 8260	HNW	63
40103891005	B-5	EPA 8260	HNW	63
40103891006	B-6	EPA 8260	HNW	63
40103891007	B-7	EPA 8260	HNW	63
40103891008	B-8	EPA 8260	HNW	63
40103891009	B-9	EPA 8260	HNW	63

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: LINDEY CLEANERS

Pace Project No.: 40103891

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40103891001	B-1					
EPA 8260	1,2,4-Trimethylbenzene	911 ug/L		5.0	09/26/14 10:31	
EPA 8260	1,3,5-Trimethylbenzene	256 ug/L		5.0	09/26/14 10:31	
EPA 8260	Ethylbenzene	6.9 ug/L		5.0	09/26/14 10:31	
EPA 8260	Isopropylbenzene (Cumene)	20.5 ug/L		5.0	09/26/14 10:31	
EPA 8260	Naphthalene	28.8 ug/L		25.0	09/26/14 10:31	
EPA 8260	Xylene (Total)	10.9J ug/L		15.0	09/26/14 10:31	
EPA 8260	n-Butylbenzene	30.0 ug/L		5.0	09/26/14 10:31	
EPA 8260	n-Propylbenzene	55.9 ug/L		5.0	09/26/14 10:31	
EPA 8260	p-Isopropyltoluene	35.6 ug/L		5.0	09/26/14 10:31	
EPA 8260	sec-Butylbenzene	25.7 ug/L		25.0	09/26/14 10:31	
EPA 8260	tert-Butylbenzene	4.3J ug/L		5.0	09/26/14 10:31	
40103891002	B-2					
EPA 8260	Tetrachloroethene	3.6 ug/L		1.0	09/26/14 12:00	L1
40103891003	B-3					
EPA 8260	1,2,4-Trimethylbenzene	15.3 ug/L		1.0	09/26/14 12:23	
EPA 8260	1,3,5-Trimethylbenzene	2.7 ug/L		1.0	09/26/14 12:23	
EPA 8260	Ethylbenzene	1.6 ug/L		1.0	09/26/14 12:23	
EPA 8260	Isopropylbenzene (Cumene)	1.5 ug/L		1.0	09/26/14 12:23	
EPA 8260	Tetrachloroethene	2.4 ug/L		1.0	09/26/14 12:23	L1
EPA 8260	n-Propylbenzene	4.6 ug/L		1.0	09/26/14 12:23	
EPA 8260	p-Isopropyltoluene	1.7 ug/L		1.0	09/26/14 12:23	
EPA 8260	tert-Butylbenzene	0.46J ug/L		1.0	09/26/14 12:23	
40103891006	B-6					
EPA 8260	Bromodichloromethane	0.68J ug/L		1.0	09/26/14 13:30	
EPA 8260	Chloroform	5.8 ug/L		5.0	09/26/14 13:30	
40103891008	B-8					
EPA 8260	1,3,5-Trimethylbenzene	3.3 ug/L		1.0	09/26/14 14:15	
40103891009	B-9					
EPA 8260	1,2,4-Trimethylbenzene	51.9 ug/L		1.0	09/26/14 14:37	
EPA 8260	1,3,5-Trimethylbenzene	20.8 ug/L		1.0	09/26/14 14:37	
EPA 8260	Dichlorodifluoromethane	0.32J ug/L		1.0	09/26/14 14:37	
EPA 8260	Ethylbenzene	1.1 ug/L		1.0	09/26/14 14:37	
EPA 8260	Isopropylbenzene (Cumene)	6.5 ug/L		1.0	09/26/14 14:37	
EPA 8260	Naphthalene	11.9 ug/L		5.0	09/26/14 14:37	
EPA 8260	n-Butylbenzene	4.5 ug/L		1.0	09/26/14 14:37	
EPA 8260	n-Propylbenzene	10.9 ug/L		1.0	09/26/14 14:37	
EPA 8260	p-Isopropyltoluene	8.7 ug/L		1.0	09/26/14 14:37	
EPA 8260	sec-Butylbenzene	16.9 ug/L		5.0	09/26/14 14:37	
EPA 8260	tert-Butylbenzene	3.4 ug/L		1.0	09/26/14 14:37	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: LINDEY CLEANERS
Pace Project No.: 40103891

Sample: B-1 Lab ID: 40103891001 Collected: 09/22/14 09:15 Received: 09/24/14 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	<0.90 ug/L		5.0	0.90	5		09/26/14 10:31	630-20-6	
1,1,1-Trichloroethane	<2.5 ug/L		5.0	2.5	5		09/26/14 10:31	71-55-6	
1,1,2,2-Tetrachloroethane	<1.2 ug/L		5.0	1.2	5		09/26/14 10:31	79-34-5	
1,1,2-Trichloroethane	<0.78 ug/L		5.0	0.78	5		09/26/14 10:31	79-00-5	
1,1-Dichloroethane	<1.2 ug/L		5.0	1.2	5		09/26/14 10:31	75-34-3	
1,1-Dichloroethene	<2.1 ug/L		5.0	2.1	5		09/26/14 10:31	75-35-4	
1,1-Dichloropropene	<2.2 ug/L		5.0	2.2	5		09/26/14 10:31	563-58-6	
1,2,3-Trichlorobenzene	<10.7 ug/L		25.0	10.7	5		09/26/14 10:31	87-61-6	
1,2,3-Trichloropropane	<2.5 ug/L		5.0	2.5	5		09/26/14 10:31	96-18-4	
1,2,4-Trichlorobenzene	<11.0 ug/L		25.0	11.0	5		09/26/14 10:31	120-82-1	
1,2,4-Trimethylbenzene	911 ug/L		5.0	2.5	5		09/26/14 10:31	95-63-6	
1,2-Dibromo-3-chloropropane	<10.8 ug/L		25.0	10.8	5		09/26/14 10:31	96-12-8	
1,2-Dibromoethane (EDB)	<0.82 ug/L		5.0	0.82	5		09/26/14 10:31	106-93-4	
1,2-Dichlorobenzene	<2.5 ug/L		5.0	2.5	5		09/26/14 10:31	95-50-1	
1,2-Dichloroethane	<0.84 ug/L		5.0	0.84	5		09/26/14 10:31	107-06-2	
1,2-Dichloropropane	<1.2 ug/L		5.0	1.2	5		09/26/14 10:31	78-87-5	
1,3,5-Trimethylbenzene	256 ug/L		5.0	2.5	5		09/26/14 10:31	108-67-8	
1,3-Dichlorobenzene	<2.5 ug/L		5.0	2.5	5		09/26/14 10:31	541-73-1	
1,3-Dichloropropane	<2.5 ug/L		5.0	2.5	5		09/26/14 10:31	142-28-9	
1,4-Dichlorobenzene	<2.5 ug/L		5.0	2.5	5		09/26/14 10:31	106-46-7	
2,2-Dichloropropane	<2.4 ug/L		5.0	2.4	5		09/26/14 10:31	594-20-7	
2-Chlorotoluene	<2.5 ug/L		5.0	2.5	5		09/26/14 10:31	95-49-8	
4-Chlorotoluene	<1.1 ug/L		5.0	1.1	5		09/26/14 10:31	106-43-4	
Benzene	<2.5 ug/L		5.0	2.5	5		09/26/14 10:31	71-43-2	
Bromobenzene	<1.2 ug/L		5.0	1.2	5		09/26/14 10:31	108-86-1	
Bromochloromethane	<1.7 ug/L		5.0	1.7	5		09/26/14 10:31	74-97-5	
Bromodichloromethane	<2.5 ug/L		5.0	2.5	5		09/26/14 10:31	75-27-4	
Bromoform	<2.5 ug/L		5.0	2.5	5		09/26/14 10:31	75-25-2	
Bromomethane	<12.2 ug/L		25.0	12.2	5		09/26/14 10:31	74-83-9	
Carbon tetrachloride	<2.5 ug/L		5.0	2.5	5		09/26/14 10:31	56-23-5	
Chlorobenzene	<2.5 ug/L		5.0	2.5	5		09/26/14 10:31	108-90-7	
Chloroethane	<1.9 ug/L		5.0	1.9	5		09/26/14 10:31	75-00-3	
Chloroform	<12.5 ug/L		25.0	12.5	5		09/26/14 10:31	67-66-3	
Chloromethane	<2.5 ug/L		5.0	2.5	5		09/26/14 10:31	74-87-3	
Dibromochloromethane	<2.5 ug/L		5.0	2.5	5		09/26/14 10:31	124-48-1	
Dibromomethane	<2.1 ug/L		5.0	2.1	5		09/26/14 10:31	74-95-3	
Dichlorodifluoromethane	<1.0 ug/L		5.0	1.0	5		09/26/14 10:31	75-71-8	
Diisopropyl ether	<2.5 ug/L		5.0	2.5	5		09/26/14 10:31	108-20-3	
Ethylbenzene	6.9 ug/L		5.0	2.5	5		09/26/14 10:31	100-41-4	
Hexachloro-1,3-butadiene	<10.5 ug/L		25.0	10.5	5		09/26/14 10:31	87-68-3	
Isopropylbenzene (Cumene)	20.5 ug/L		5.0	0.72	5		09/26/14 10:31	98-82-8	
Methyl-tert-butyl ether	<0.87 ug/L		5.0	0.87	5		09/26/14 10:31	1634-04-4	
Methylene Chloride	<1.2 ug/L		5.0	1.2	5		09/26/14 10:31	75-09-2	
Naphthalene	28.8 ug/L		25.0	12.5	5		09/26/14 10:31	91-20-3	
Styrene	<2.5 ug/L		5.0	2.5	5		09/26/14 10:31	100-42-5	
Tetrachloroethene	<2.5 ug/L		5.0	2.5	5		09/26/14 10:31	127-18-4	L3

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ANALYTICAL RESULTS

Project: LINDEY CLEANERS
Pace Project No.: 40103891

Sample: B-1 Lab ID: 40103891001 Collected: 09/22/14 09:15 Received: 09/24/14 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	<2.5 ug/L		5.0	2.5	5		09/26/14 10:31	108-88-3	
Trichloroethene	<1.7 ug/L		5.0	1.7	5		09/26/14 10:31	79-01-6	
Trichlorofluoromethane	<0.86 ug/L		5.0	0.86	5		09/26/14 10:31	75-69-4	
Vinyl chloride	<0.88 ug/L		5.0	0.88	5		09/26/14 10:31	75-01-4	
Xylene (Total)	10.9J ug/L		15.0	7.5	5		09/26/14 10:31	1330-20-7	
cis-1,2-Dichloroethene	<1.3 ug/L		5.0	1.3	5		09/26/14 10:31	156-59-2	
cis-1,3-Dichloropropene	<2.5 ug/L		5.0	2.5	5		09/26/14 10:31	10061-01-5	
n-Butylbenzene	30.0 ug/L		5.0	2.5	5		09/26/14 10:31	104-51-8	
n-Propylbenzene	55.9 ug/L		5.0	2.5	5		09/26/14 10:31	103-65-1	
p-Isopropyltoluene	35.6 ug/L		5.0	2.5	5		09/26/14 10:31	99-87-6	
sec-Butylbenzene	25.7 ug/L		25.0	10.9	5		09/26/14 10:31	135-98-8	
tert-Butylbenzene	4.3J ug/L		5.0	0.90	5		09/26/14 10:31	98-06-6	
trans-1,2-Dichloroethene	<1.3 ug/L		5.0	1.3	5		09/26/14 10:31	156-60-5	
trans-1,3-Dichloropropene	<1.1 ug/L		5.0	1.1	5		09/26/14 10:31	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97 %		59-130		5		09/26/14 10:31	460-00-4	
Dibromofluoromethane (S)	89 %		70-130		5		09/26/14 10:31	1868-53-7	
Toluene-d8 (S)	91 %		70-130		5		09/26/14 10:31	2037-26-5	

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ANALYTICAL RESULTS

Project: LINDEY CLEANERS

Pace Project No.: 40103891

Sample: B-2 Lab ID: 40103891002 Collected: 09/22/14 09:50 Received: 09/24/14 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	<0.18 ug/L		1.0	0.18	1		09/26/14 12:00	630-20-6	
1,1,1-Trichloroethane	<0.50 ug/L		1.0	0.50	1		09/26/14 12:00	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25 ug/L		1.0	0.25	1		09/26/14 12:00	79-34-5	
1,1,2-Trichloroethane	<0.16 ug/L		1.0	0.16	1		09/26/14 12:00	79-00-5	
1,1-Dichloroethane	<0.24 ug/L		1.0	0.24	1		09/26/14 12:00	75-34-3	
1,1-Dichloroethene	<0.41 ug/L		1.0	0.41	1		09/26/14 12:00	75-35-4	
1,1-Dichloropropene	<0.44 ug/L		1.0	0.44	1		09/26/14 12:00	563-58-6	
1,2,3-Trichlorobenzene	<2.1 ug/L		5.0	2.1	1		09/26/14 12:00	87-61-6	
1,2,3-Trichloropropane	<0.50 ug/L		1.0	0.50	1		09/26/14 12:00	96-18-4	
1,2,4-Trichlorobenzene	<2.2 ug/L		5.0	2.2	1		09/26/14 12:00	120-82-1	
1,2,4-Trimethylbenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:00	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2 ug/L		5.0	2.2	1		09/26/14 12:00	96-12-8	
1,2-Dibromoethane (EDB)	<0.16 ug/L		1.0	0.16	1		09/26/14 12:00	106-93-4	
1,2-Dichlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:00	95-50-1	
1,2-Dichloroethane	<0.17 ug/L		1.0	0.17	1		09/26/14 12:00	107-06-2	
1,2-Dichloropropane	<0.23 ug/L		1.0	0.23	1		09/26/14 12:00	78-87-5	
1,3,5-Trimethylbenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:00	108-67-8	
1,3-Dichlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:00	541-73-1	
1,3-Dichloropropane	<0.50 ug/L		1.0	0.50	1		09/26/14 12:00	142-28-9	
1,4-Dichlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:00	106-46-7	
2,2-Dichloropropane	<0.48 ug/L		1.0	0.48	1		09/26/14 12:00	594-20-7	
2-Chlorotoluene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:00	95-49-8	
4-Chlorotoluene	<0.21 ug/L		1.0	0.21	1		09/26/14 12:00	106-43-4	
Benzene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:00	71-43-2	
Bromobenzene	<0.23 ug/L		1.0	0.23	1		09/26/14 12:00	108-86-1	
Bromochloromethane	<0.34 ug/L		1.0	0.34	1		09/26/14 12:00	74-97-5	
Bromodichloromethane	<0.50 ug/L		1.0	0.50	1		09/26/14 12:00	75-27-4	
Bromoform	<0.50 ug/L		1.0	0.50	1		09/26/14 12:00	75-25-2	
Bromomethane	<2.4 ug/L		5.0	2.4	1		09/26/14 12:00	74-83-9	
Carbon tetrachloride	<0.50 ug/L		1.0	0.50	1		09/26/14 12:00	56-23-5	
Chlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:00	108-90-7	
Chloroethane	<0.37 ug/L		1.0	0.37	1		09/26/14 12:00	75-00-3	
Chloroform	<2.5 ug/L		5.0	2.5	1		09/26/14 12:00	67-66-3	
Chloromethane	<0.50 ug/L		1.0	0.50	1		09/26/14 12:00	74-87-3	
Dibromochloromethane	<0.50 ug/L		1.0	0.50	1		09/26/14 12:00	124-48-1	
Dibromomethane	<0.43 ug/L		1.0	0.43	1		09/26/14 12:00	74-95-3	
Dichlorodifluoromethane	<0.20 ug/L		1.0	0.20	1		09/26/14 12:00	75-71-8	
Diisopropyl ether	<0.50 ug/L		1.0	0.50	1		09/26/14 12:00	108-20-3	
Ethylbenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:00	100-41-4	
Hexachloro-1,3-butadiene	<2.1 ug/L		5.0	2.1	1		09/26/14 12:00	87-68-3	
Isopropylbenzene (Cumene)	<0.14 ug/L		1.0	0.14	1		09/26/14 12:00	98-82-8	
Methyl-tert-butyl ether	<0.17 ug/L		1.0	0.17	1		09/26/14 12:00	1634-04-4	
Methylene Chloride	<0.23 ug/L		1.0	0.23	1		09/26/14 12:00	75-09-2	
Naphthalene	<2.5 ug/L		5.0	2.5	1		09/26/14 12:00	91-20-3	
Styrene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:00	100-42-5	
Tetrachloroethene	3.6 ug/L		1.0	0.50	1		09/26/14 12:00	127-18-4	L1

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ANALYTICAL RESULTS

Project: LINDEY CLEANERS
 Pace Project No.: 40103891

Sample: B-2 Lab ID: 40103891002 Collected: 09/22/14 09:50 Received: 09/24/14 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:00	108-88-3	
Trichloroethene	<0.33 ug/L		1.0	0.33	1		09/26/14 12:00	79-01-6	
Trichlorofluoromethane	<0.17 ug/L		1.0	0.17	1		09/26/14 12:00	75-69-4	
Vinyl chloride	<0.18 ug/L		1.0	0.18	1		09/26/14 12:00	75-01-4	
Xylene (Total)	<1.5 ug/L		3.0	1.5	1		09/26/14 12:00	1330-20-7	
cis-1,2-Dichloroethene	<0.26 ug/L		1.0	0.26	1		09/26/14 12:00	156-59-2	
cis-1,3-Dichloropropene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:00	10061-01-5	
n-Butylbenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:00	104-51-8	
n-Propylbenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:00	103-65-1	
p-Isopropyltoluene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:00	99-87-6	
sec-Butylbenzene	<2.2 ug/L		5.0	2.2	1		09/26/14 12:00	135-98-8	
tert-Butylbenzene	<0.18 ug/L		1.0	0.18	1		09/26/14 12:00	98-06-6	
trans-1,2-Dichloroethene	<0.26 ug/L		1.0	0.26	1		09/26/14 12:00	156-60-5	
trans-1,3-Dichloropropene	<0.23 ug/L		1.0	0.23	1		09/26/14 12:00	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92 %		59-130		1		09/26/14 12:00	460-00-4	
Dibromofluoromethane (S)	90 %		70-130		1		09/26/14 12:00	1868-53-7	
Toluene-d8 (S)	92 %		70-130		1		09/26/14 12:00	2037-26-5	

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ANALYTICAL RESULTS

Project: LINDEY CLEANERS
Pace Project No.: 40103891

Sample: B-3 Lab ID: 40103891003 Collected: 09/22/14 10:15 Received: 09/24/14 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	<0.18 ug/L		1.0	0.18	1		09/26/14 12:23	630-20-6	
1,1,1-Trichloroethane	<0.50 ug/L		1.0	0.50	1		09/26/14 12:23	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25 ug/L		1.0	0.25	1		09/26/14 12:23	79-34-5	
1,1,2-Trichloroethane	<0.16 ug/L		1.0	0.16	1		09/26/14 12:23	79-00-5	
1,1-Dichloroethane	<0.24 ug/L		1.0	0.24	1		09/26/14 12:23	75-34-3	
1,1-Dichloroethene	<0.41 ug/L		1.0	0.41	1		09/26/14 12:23	75-35-4	
1,1-Dichloropropene	<0.44 ug/L		1.0	0.44	1		09/26/14 12:23	563-58-6	
1,2,3-Trichlorobenzene	<2.1 ug/L		5.0	2.1	1		09/26/14 12:23	87-61-6	
1,2,3-Trichloropropane	<0.50 ug/L		1.0	0.50	1		09/26/14 12:23	96-18-4	
1,2,4-Trichlorobenzene	<2.2 ug/L		5.0	2.2	1		09/26/14 12:23	120-82-1	
1,2,4-Trimethylbenzene	15.3 ug/L		1.0	0.50	1		09/26/14 12:23	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2 ug/L		5.0	2.2	1		09/26/14 12:23	96-12-8	
1,2-Dibromoethane (EDB)	<0.16 ug/L		1.0	0.16	1		09/26/14 12:23	106-93-4	
1,2-Dichlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:23	95-50-1	
1,2-Dichloroethane	<0.17 ug/L		1.0	0.17	1		09/26/14 12:23	107-06-2	
1,2-Dichloropropane	<0.23 ug/L		1.0	0.23	1		09/26/14 12:23	78-87-5	
1,3,5-Trimethylbenzene	2.7 ug/L		1.0	0.50	1		09/26/14 12:23	108-67-8	
1,3-Dichlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:23	541-73-1	
1,3-Dichloropropane	<0.50 ug/L		1.0	0.50	1		09/26/14 12:23	142-28-9	
1,4-Dichlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:23	106-46-7	
2,2-Dichloropropane	<0.48 ug/L		1.0	0.48	1		09/26/14 12:23	594-20-7	
2-Chlorotoluene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:23	95-49-8	
4-Chlorotoluene	<0.21 ug/L		1.0	0.21	1		09/26/14 12:23	106-43-4	
Benzene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:23	71-43-2	
Bromobenzene	<0.23 ug/L		1.0	0.23	1		09/26/14 12:23	108-86-1	
Bromochloromethane	<0.34 ug/L		1.0	0.34	1		09/26/14 12:23	74-97-5	
Bromodichloromethane	<0.50 ug/L		1.0	0.50	1		09/26/14 12:23	75-27-4	
Bromoform	<0.50 ug/L		1.0	0.50	1		09/26/14 12:23	75-25-2	
Bromomethane	<2.4 ug/L		5.0	2.4	1		09/26/14 12:23	74-83-9	
Carbon tetrachloride	<0.50 ug/L		1.0	0.50	1		09/26/14 12:23	56-23-5	
Chlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:23	108-90-7	
Chloroethane	<0.37 ug/L		1.0	0.37	1		09/26/14 12:23	75-00-3	
Chloroform	<2.5 ug/L		5.0	2.5	1		09/26/14 12:23	67-66-3	
Chloromethane	<0.50 ug/L		1.0	0.50	1		09/26/14 12:23	74-87-3	
Dibromochloromethane	<0.50 ug/L		1.0	0.50	1		09/26/14 12:23	124-48-1	
Dibromomethane	<0.43 ug/L		1.0	0.43	1		09/26/14 12:23	74-95-3	
Dichlorodifluoromethane	<0.20 ug/L		1.0	0.20	1		09/26/14 12:23	75-71-8	
Diisopropyl ether	<0.50 ug/L		1.0	0.50	1		09/26/14 12:23	108-20-3	
Ethylbenzene	1.6 ug/L		1.0	0.50	1		09/26/14 12:23	100-41-4	
Hexachloro-1,3-butadiene	<2.1 ug/L		5.0	2.1	1		09/26/14 12:23	87-68-3	
Isopropylbenzene (Cumene)	1.5 ug/L		1.0	0.14	1		09/26/14 12:23	98-82-8	
Methyl-tert-butyl ether	<0.17 ug/L		1.0	0.17	1		09/26/14 12:23	1634-04-4	
Methylene Chloride	<0.23 ug/L		1.0	0.23	1		09/26/14 12:23	75-09-2	
Naphthalene	<2.5 ug/L		5.0	2.5	1		09/26/14 12:23	91-20-3	
Styrene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:23	100-42-5	
Tetrachloroethene	2.4 ug/L		1.0	0.50	1		09/26/14 12:23	127-18-4	L1

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ANALYTICAL RESULTS

Project: LINDEY CLEANERS

Pace Project No.: 40103891

Sample: B-3 Lab ID: 40103891003 Collected: 09/22/14 10:15 Received: 09/24/14 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:23	108-88-3	
Trichloroethene	<0.33 ug/L		1.0	0.33	1		09/26/14 12:23	79-01-6	
Trichlorofluoromethane	<0.17 ug/L		1.0	0.17	1		09/26/14 12:23	75-69-4	
Vinyl chloride	<0.18 ug/L		1.0	0.18	1		09/26/14 12:23	75-01-4	
Xylene (Total)	<1.5 ug/L		3.0	1.5	1		09/26/14 12:23	1330-20-7	
cis-1,2-Dichloroethene	<0.26 ug/L		1.0	0.26	1		09/26/14 12:23	156-59-2	
cis-1,3-Dichloropropene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:23	10061-01-5	
n-Butylbenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:23	104-51-8	
n-Propylbenzene	4.6 ug/L		1.0	0.50	1		09/26/14 12:23	103-65-1	
p-Isopropyltoluene	1.7 ug/L		1.0	0.50	1		09/26/14 12:23	99-87-6	
sec-Butylbenzene	<2.2 ug/L		5.0	2.2	1		09/26/14 12:23	135-98-8	
tert-Butylbenzene	0.46J ug/L		1.0	0.18	1		09/26/14 12:23	98-06-6	
trans-1,2-Dichloroethene	<0.26 ug/L		1.0	0.26	1		09/26/14 12:23	156-60-5	
trans-1,3-Dichloropropene	<0.23 ug/L		1.0	0.23	1		09/26/14 12:23	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	98 %		59-130		1		09/26/14 12:23	460-00-4	
Dibromofluoromethane (S)	90 %		70-130		1		09/26/14 12:23	1868-53-7	
Toluene-d8 (S)	92 %		70-130		1		09/26/14 12:23	2037-26-5	

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ANALYTICAL RESULTS

Project: LINDEY CLEANERS
Pace Project No.: 40103891

Sample: B-4	Lab ID: 40103891004	Collected: 09/22/14 10:35	Received: 09/24/14 08:40	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	<0.18 ug/L		1.0	0.18	1		09/26/14 12:45	630-20-6	
1,1,1-Trichloroethane	<0.50 ug/L		1.0	0.50	1		09/26/14 12:45	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25 ug/L		1.0	0.25	1		09/26/14 12:45	79-34-5	
1,1,2-Trichloroethane	<0.16 ug/L		1.0	0.16	1		09/26/14 12:45	79-00-5	
1,1-Dichloroethane	<0.24 ug/L		1.0	0.24	1		09/26/14 12:45	75-34-3	
1,1-Dichloroethene	<0.41 ug/L		1.0	0.41	1		09/26/14 12:45	75-35-4	
1,1-Dichloropropene	<0.44 ug/L		1.0	0.44	1		09/26/14 12:45	563-58-6	
1,2,3-Trichlorobenzene	<2.1 ug/L		5.0	2.1	1		09/26/14 12:45	87-61-6	
1,2,3-Trichloropropane	<0.50 ug/L		1.0	0.50	1		09/26/14 12:45	96-18-4	
1,2,4-Trichlorobenzene	<2.2 ug/L		5.0	2.2	1		09/26/14 12:45	120-82-1	
1,2,4-Trimethylbenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:45	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2 ug/L		5.0	2.2	1		09/26/14 12:45	96-12-8	
1,2-Dibromoethane (EDB)	<0.16 ug/L		1.0	0.16	1		09/26/14 12:45	106-93-4	
1,2-Dichlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:45	95-50-1	
1,2-Dichloroethane	<0.17 ug/L		1.0	0.17	1		09/26/14 12:45	107-06-2	
1,2-Dichloropropane	<0.23 ug/L		1.0	0.23	1		09/26/14 12:45	78-87-5	
1,3,5-Trimethylbenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:45	108-67-8	
1,3-Dichlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:45	541-73-1	
1,3-Dichloropropane	<0.50 ug/L		1.0	0.50	1		09/26/14 12:45	142-28-9	
1,4-Dichlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:45	106-46-7	
2,2-Dichloropropane	<0.48 ug/L		1.0	0.48	1		09/26/14 12:45	594-20-7	
2-Chlorotoluene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:45	95-49-8	
4-Chlorotoluene	<0.21 ug/L		1.0	0.21	1		09/26/14 12:45	106-43-4	
Benzene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:45	71-43-2	
Bromobenzene	<0.23 ug/L		1.0	0.23	1		09/26/14 12:45	108-86-1	
Bromochloromethane	<0.34 ug/L		1.0	0.34	1		09/26/14 12:45	74-97-5	
Bromodichloromethane	<0.50 ug/L		1.0	0.50	1		09/26/14 12:45	75-27-4	
Bromoform	<0.50 ug/L		1.0	0.50	1		09/26/14 12:45	75-25-2	
Bromomethane	<2.4 ug/L		5.0	2.4	1		09/26/14 12:45	74-83-9	
Carbon tetrachloride	<0.50 ug/L		1.0	0.50	1		09/26/14 12:45	56-23-5	
Chlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:45	108-90-7	
Chloroethane	<0.37 ug/L		1.0	0.37	1		09/26/14 12:45	75-00-3	
Chloroform	<2.5 ug/L		5.0	2.5	1		09/26/14 12:45	67-66-3	
Chloromethane	<0.50 ug/L		1.0	0.50	1		09/26/14 12:45	74-87-3	
Dibromochloromethane	<0.50 ug/L		1.0	0.50	1		09/26/14 12:45	124-48-1	
Dibromomethane	<0.43 ug/L		1.0	0.43	1		09/26/14 12:45	74-95-3	
Dichlorodifluoromethane	<0.20 ug/L		1.0	0.20	1		09/26/14 12:45	75-71-8	
Diisopropyl ether	<0.50 ug/L		1.0	0.50	1		09/26/14 12:45	108-20-3	
Ethylbenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:45	100-41-4	
Hexachloro-1,3-butadiene	<2.1 ug/L		5.0	2.1	1		09/26/14 12:45	87-68-3	
Isopropylbenzene (Cumene)	<0.14 ug/L		1.0	0.14	1		09/26/14 12:45	98-82-8	
Methyl-tert-butyl ether	<0.17 ug/L		1.0	0.17	1		09/26/14 12:45	1634-04-4	
Methylene Chloride	<0.23 ug/L		1.0	0.23	1		09/26/14 12:45	75-09-2	
Naphthalene	<2.5 ug/L		5.0	2.5	1		09/26/14 12:45	91-20-3	
Styrene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:45	100-42-5	
Tetrachloroethene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:45	127-18-4	L3

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ANALYTICAL RESULTS

Project: LINDEY CLEANERS
Pace Project No.: 40103891

Sample: B-4 Lab ID: 40103891004 Collected: 09/22/14 10:35 Received: 09/24/14 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:45	108-88-3	
Trichloroethene	<0.33 ug/L		1.0	0.33	1		09/26/14 12:45	79-01-6	
Trichlorofluoromethane	<0.17 ug/L		1.0	0.17	1		09/26/14 12:45	75-69-4	
Vinyl chloride	<0.18 ug/L		1.0	0.18	1		09/26/14 12:45	75-01-4	
Xylene (Total)	<1.5 ug/L		3.0	1.5	1		09/26/14 12:45	1330-20-7	
cis-1,2-Dichloroethene	<0.26 ug/L		1.0	0.26	1		09/26/14 12:45	156-59-2	
cis-1,3-Dichloropropene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:45	10061-01-5	
n-Butylbenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:45	104-51-8	
n-Propylbenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:45	103-65-1	
p-Isopropyltoluene	<0.50 ug/L		1.0	0.50	1		09/26/14 12:45	99-87-6	
sec-Butylbenzene	<2.2 ug/L		5.0	2.2	1		09/26/14 12:45	135-98-8	
tert-Butylbenzene	<0.18 ug/L		1.0	0.18	1		09/26/14 12:45	98-06-6	
trans-1,2-Dichloroethene	<0.26 ug/L		1.0	0.26	1		09/26/14 12:45	156-60-5	
trans-1,3-Dichloropropene	<0.23 ug/L		1.0	0.23	1		09/26/14 12:45	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94 %		59-130		1		09/26/14 12:45	460-00-4	
Dibromofluoromethane (S)	90 %		70-130		1		09/26/14 12:45	1868-53-7	
Toluene-d8 (S)	92 %		70-130		1		09/26/14 12:45	2037-26-5	

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ANALYTICAL RESULTS

Project: LINDEY CLEANERS
Pace Project No.: 40103891

Sample: B-5 Lab ID: 40103891005 Collected: 09/22/14 10:50 Received: 09/24/14 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	<0.18 ug/L		1.0	0.18	1		09/26/14 13:08	630-20-6	
1,1,1-Trichloroethane	<0.50 ug/L		1.0	0.50	1		09/26/14 13:08	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25 ug/L		1.0	0.25	1		09/26/14 13:08	79-34-5	
1,1,2-Trichloroethane	<0.16 ug/L		1.0	0.16	1		09/26/14 13:08	79-00-5	
1,1-Dichloroethane	<0.24 ug/L		1.0	0.24	1		09/26/14 13:08	75-34-3	
1,1-Dichloroethene	<0.41 ug/L		1.0	0.41	1		09/26/14 13:08	75-35-4	
1,1-Dichloropropene	<0.44 ug/L		1.0	0.44	1		09/26/14 13:08	563-58-6	
1,2,3-Trichlorobenzene	<2.1 ug/L		5.0	2.1	1		09/26/14 13:08	87-61-6	
1,2,3-Trichloropropane	<0.50 ug/L		1.0	0.50	1		09/26/14 13:08	96-18-4	
1,2,4-Trichlorobenzene	<2.2 ug/L		5.0	2.2	1		09/26/14 13:08	120-82-1	
1,2,4-Trimethylbenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:08	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2 ug/L		5.0	2.2	1		09/26/14 13:08	96-12-8	
1,2-Dibromoethane (EDB)	<0.16 ug/L		1.0	0.16	1		09/26/14 13:08	106-93-4	
1,2-Dichlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:08	95-50-1	
1,2-Dichloroethane	<0.17 ug/L		1.0	0.17	1		09/26/14 13:08	107-06-2	
1,2-Dichloropropane	<0.23 ug/L		1.0	0.23	1		09/26/14 13:08	78-87-5	
1,3,5-Trimethylbenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:08	108-67-8	
1,3-Dichlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:08	541-73-1	
1,3-Dichloropropane	<0.50 ug/L		1.0	0.50	1		09/26/14 13:08	142-28-9	
1,4-Dichlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:08	106-46-7	
2,2-Dichloropropane	<0.48 ug/L		1.0	0.48	1		09/26/14 13:08	594-20-7	
2-Chlorotoluene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:08	95-49-8	
4-Chlorotoluene	<0.21 ug/L		1.0	0.21	1		09/26/14 13:08	106-43-4	
Benzene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:08	71-43-2	
Bromobenzene	<0.23 ug/L		1.0	0.23	1		09/26/14 13:08	108-86-1	
Bromochloromethane	<0.34 ug/L		1.0	0.34	1		09/26/14 13:08	74-97-5	
Bromodichloromethane	<0.50 ug/L		1.0	0.50	1		09/26/14 13:08	75-27-4	
Bromoform	<0.50 ug/L		1.0	0.50	1		09/26/14 13:08	75-25-2	
Bromomethane	<2.4 ug/L		5.0	2.4	1		09/26/14 13:08	74-83-9	
Carbon tetrachloride	<0.50 ug/L		1.0	0.50	1		09/26/14 13:08	56-23-5	
Chlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:08	108-90-7	
Chloroethane	<0.37 ug/L		1.0	0.37	1		09/26/14 13:08	75-00-3	
Chloroform	<2.5 ug/L		5.0	2.5	1		09/26/14 13:08	67-66-3	
Chloromethane	<0.50 ug/L		1.0	0.50	1		09/26/14 13:08	74-87-3	
Dibromochloromethane	<0.50 ug/L		1.0	0.50	1		09/26/14 13:08	124-48-1	
Dibromomethane	<0.43 ug/L		1.0	0.43	1		09/26/14 13:08	74-95-3	
Dichlorodifluoromethane	<0.20 ug/L		1.0	0.20	1		09/26/14 13:08	75-71-8	
Diisopropyl ether	<0.50 ug/L		1.0	0.50	1		09/26/14 13:08	108-20-3	
Ethylbenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:08	100-41-4	
Hexachloro-1,3-butadiene	<2.1 ug/L		5.0	2.1	1		09/26/14 13:08	87-68-3	
Isopropylbenzene (Cumene)	<0.14 ug/L		1.0	0.14	1		09/26/14 13:08	98-82-8	
Methyl-tert-butyl ether	<0.17 ug/L		1.0	0.17	1		09/26/14 13:08	1634-04-4	
Methylene Chloride	<0.23 ug/L		1.0	0.23	1		09/26/14 13:08	75-09-2	
Naphthalene	<2.5 ug/L		5.0	2.5	1		09/26/14 13:08	91-20-3	
Styrene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:08	100-42-5	
Tetrachloroethene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:08	127-18-4	L3

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ANALYTICAL RESULTS

Project: LINDEY CLEANERS
Pace Project No.: 40103891

Sample: B-5 **Lab ID:** 40103891005 **Collected:** 09/22/14 10:50 **Received:** 09/24/14 08:40 **Matrix:** Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:08	108-88-3	
Trichloroethene	<0.33 ug/L		1.0	0.33	1		09/26/14 13:08	79-01-6	
Trichlorofluoromethane	<0.17 ug/L		1.0	0.17	1		09/26/14 13:08	75-69-4	
Vinyl chloride	<0.18 ug/L		1.0	0.18	1		09/26/14 13:08	75-01-4	
Xylene (Total)	<1.5 ug/L		3.0	1.5	1		09/26/14 13:08	1330-20-7	
cis-1,2-Dichloroethene	<0.26 ug/L		1.0	0.26	1		09/26/14 13:08	156-59-2	
cis-1,3-Dichloropropene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:08	10061-01-5	
n-Butylbenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:08	104-51-8	
n-Propylbenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:08	103-65-1	
p-Isopropyltoluene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:08	99-87-6	
sec-Butylbenzene	<2.2 ug/L		5.0	2.2	1		09/26/14 13:08	135-98-8	
tert-Butylbenzene	<0.18 ug/L		1.0	0.18	1		09/26/14 13:08	98-06-6	
trans-1,2-Dichloroethene	<0.26 ug/L		1.0	0.26	1		09/26/14 13:08	156-60-5	
trans-1,3-Dichloropropene	<0.23 ug/L		1.0	0.23	1		09/26/14 13:08	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93 %		59-130		1		09/26/14 13:08	460-00-4	
Dibromofluoromethane (S)	90 %		70-130		1		09/26/14 13:08	1868-53-7	
Toluene-d8 (S)	92 %		70-130		1		09/26/14 13:08	2037-26-5	

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ANALYTICAL RESULTS

Project: LINDEY CLEANERS
Pace Project No.: 40103891

Sample: B-6 Lab ID: 40103891006 Collected: 09/22/14 11:35 Received: 09/24/14 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	<0.18 ug/L		1.0	0.18	1		09/26/14 13:30	630-20-6	
1,1,1-Trichloroethane	<0.50 ug/L		1.0	0.50	1		09/26/14 13:30	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25 ug/L		1.0	0.25	1		09/26/14 13:30	79-34-5	
1,1,2-Trichloroethane	<0.16 ug/L		1.0	0.16	1		09/26/14 13:30	79-00-5	
1,1-Dichloroethane	<0.24 ug/L		1.0	0.24	1		09/26/14 13:30	75-34-3	
1,1-Dichloroethene	<0.41 ug/L		1.0	0.41	1		09/26/14 13:30	75-35-4	
1,1-Dichloropropene	<0.44 ug/L		1.0	0.44	1		09/26/14 13:30	563-58-6	
1,2,3-Trichlorobenzene	<2.1 ug/L		5.0	2.1	1		09/26/14 13:30	87-61-6	
1,2,3-Trichloropropane	<0.50 ug/L		1.0	0.50	1		09/26/14 13:30	96-18-4	
1,2,4-Trichlorobenzene	<2.2 ug/L		5.0	2.2	1		09/26/14 13:30	120-82-1	
1,2,4-Trimethylbenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:30	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2 ug/L		5.0	2.2	1		09/26/14 13:30	96-12-8	
1,2-Dibromoethane (EDB)	<0.16 ug/L		1.0	0.16	1		09/26/14 13:30	106-93-4	
1,2-Dichlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:30	95-50-1	
1,2-Dichloroethane	<0.17 ug/L		1.0	0.17	1		09/26/14 13:30	107-06-2	
1,2-Dichloropropane	<0.23 ug/L		1.0	0.23	1		09/26/14 13:30	78-87-5	
1,3,5-Trimethylbenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:30	108-67-8	
1,3-Dichlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:30	541-73-1	
1,3-Dichloropropane	<0.50 ug/L		1.0	0.50	1		09/26/14 13:30	142-28-9	
1,4-Dichlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:30	106-46-7	
2,2-Dichloropropane	<0.48 ug/L		1.0	0.48	1		09/26/14 13:30	594-20-7	
2-Chlorotoluene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:30	95-49-8	
4-Chlorotoluene	<0.21 ug/L		1.0	0.21	1		09/26/14 13:30	106-43-4	
Benzene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:30	71-43-2	
Bromobenzene	<0.23 ug/L		1.0	0.23	1		09/26/14 13:30	108-86-1	
Bromochloromethane	<0.34 ug/L		1.0	0.34	1		09/26/14 13:30	74-97-5	
Bromodichloromethane	0.68J ug/L		1.0	0.50	1		09/26/14 13:30	75-27-4	
Bromoform	<0.50 ug/L		1.0	0.50	1		09/26/14 13:30	75-25-2	
Bromomethane	<2.4 ug/L		5.0	2.4	1		09/26/14 13:30	74-83-9	
Carbon tetrachloride	<0.50 ug/L		1.0	0.50	1		09/26/14 13:30	56-23-5	
Chlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:30	108-90-7	
Chloroethane	<0.37 ug/L		1.0	0.37	1		09/26/14 13:30	75-00-3	
Chloroform	5.8 ug/L		5.0	2.5	1		09/26/14 13:30	67-66-3	
Chloromethane	<0.50 ug/L		1.0	0.50	1		09/26/14 13:30	74-87-3	
Dibromochloromethane	<0.50 ug/L		1.0	0.50	1		09/26/14 13:30	124-48-1	
Dibromomethane	<0.43 ug/L		1.0	0.43	1		09/26/14 13:30	74-95-3	
Dichlorodifluoromethane	<0.20 ug/L		1.0	0.20	1		09/26/14 13:30	75-71-8	
Diisopropyl ether	<0.50 ug/L		1.0	0.50	1		09/26/14 13:30	108-20-3	
Ethylbenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:30	100-41-4	
Hexachloro-1,3-butadiene	<2.1 ug/L		5.0	2.1	1		09/26/14 13:30	87-68-3	
Isopropylbenzene (Cumene)	<0.14 ug/L		1.0	0.14	1		09/26/14 13:30	98-82-8	
Methyl-tert-butyl ether	<0.17 ug/L		1.0	0.17	1		09/26/14 13:30	1634-04-4	
Methylene Chloride	<0.23 ug/L		1.0	0.23	1		09/26/14 13:30	75-09-2	
Naphthalene	<2.5 ug/L		5.0	2.5	1		09/26/14 13:30	91-20-3	
Styrene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:30	100-42-5	
Tetrachloroethene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:30	127-18-4	L3

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ANALYTICAL RESULTS

Project: LINDEY CLEANERS
Pace Project No.: 40103891

Sample: B-6 Lab ID: 40103891006 Collected: 09/22/14 11:35 Received: 09/24/14 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:30	108-88-3	
Trichloroethene	<0.33 ug/L		1.0	0.33	1		09/26/14 13:30	79-01-6	
Trichlorofluoromethane	<0.17 ug/L		1.0	0.17	1		09/26/14 13:30	75-69-4	
Vinyl chloride	<0.18 ug/L		1.0	0.18	1		09/26/14 13:30	75-01-4	
Xylene (Total)	<1.5 ug/L		3.0	1.5	1		09/26/14 13:30	1330-20-7	
cis-1,2-Dichloroethene	<0.26 ug/L		1.0	0.26	1		09/26/14 13:30	156-59-2	
cis-1,3-Dichloropropene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:30	10061-01-5	
n-Butylbenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:30	104-51-8	
n-Propylbenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:30	103-65-1	
p-Isopropyltoluene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:30	99-87-6	
sec-Butylbenzene	<2.2 ug/L		5.0	2.2	1		09/26/14 13:30	135-98-8	
tert-Butylbenzene	<0.18 ug/L		1.0	0.18	1		09/26/14 13:30	98-06-6	
trans-1,2-Dichloroethene	<0.26 ug/L		1.0	0.26	1		09/26/14 13:30	156-60-5	
trans-1,3-Dichloropropene	<0.23 ug/L		1.0	0.23	1		09/26/14 13:30	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	91 %		59-130		1		09/26/14 13:30	460-00-4	
Dibromofluoromethane (S)	90 %		70-130		1		09/26/14 13:30	1868-53-7	
Toluene-d8 (S)	91 %		70-130		1		09/26/14 13:30	2037-26-5	

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ANALYTICAL RESULTS

Project: LINDEY CLEANERS
Pace Project No.: 40103891

Sample: B-7 Lab ID: 40103891007 Collected: 09/22/14 12:08 Received: 09/24/14 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	<0.18 ug/L		1.0	0.18	1		09/26/14 13:52	630-20-6	
1,1,1-Trichloroethane	<0.50 ug/L		1.0	0.50	1		09/26/14 13:52	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25 ug/L		1.0	0.25	1		09/26/14 13:52	79-34-5	
1,1,2-Trichloroethane	<0.16 ug/L		1.0	0.16	1		09/26/14 13:52	79-00-5	
1,1-Dichloroethane	<0.24 ug/L		1.0	0.24	1		09/26/14 13:52	75-34-3	
1,1-Dichloroethene	<0.41 ug/L		1.0	0.41	1		09/26/14 13:52	75-35-4	
1,1-Dichloropropene	<0.44 ug/L		1.0	0.44	1		09/26/14 13:52	563-58-6	
1,2,3-Trichlorobenzene	<2.1 ug/L		5.0	2.1	1		09/26/14 13:52	87-61-6	
1,2,3-Trichloropropane	<0.50 ug/L		1.0	0.50	1		09/26/14 13:52	96-18-4	
1,2,4-Trichlorobenzene	<2.2 ug/L		5.0	2.2	1		09/26/14 13:52	120-82-1	
1,2,4-Trimethylbenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:52	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2 ug/L		5.0	2.2	1		09/26/14 13:52	96-12-8	
1,2-Dibromoethane (EDB)	<0.16 ug/L		1.0	0.16	1		09/26/14 13:52	106-93-4	
1,2-Dichlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:52	95-50-1	
1,2-Dichloroethane	<0.17 ug/L		1.0	0.17	1		09/26/14 13:52	107-06-2	
1,2-Dichloropropane	<0.23 ug/L		1.0	0.23	1		09/26/14 13:52	78-87-5	
1,3,5-Trimethylbenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:52	108-67-8	
1,3-Dichlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:52	541-73-1	
1,3-Dichloropropane	<0.50 ug/L		1.0	0.50	1		09/26/14 13:52	142-28-9	
1,4-Dichlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:52	106-46-7	
2,2-Dichloropropane	<0.48 ug/L		1.0	0.48	1		09/26/14 13:52	594-20-7	
2-Chlorotoluene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:52	95-49-8	
4-Chlorotoluene	<0.21 ug/L		1.0	0.21	1		09/26/14 13:52	106-43-4	
Benzene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:52	71-43-2	
Bromobenzene	<0.23 ug/L		1.0	0.23	1		09/26/14 13:52	108-86-1	
Bromochloromethane	<0.34 ug/L		1.0	0.34	1		09/26/14 13:52	74-97-5	
Bromodichloromethane	<0.50 ug/L		1.0	0.50	1		09/26/14 13:52	75-27-4	
Bromoform	<0.50 ug/L		1.0	0.50	1		09/26/14 13:52	75-25-2	
Bromomethane	<2.4 ug/L		5.0	2.4	1		09/26/14 13:52	74-83-9	
Carbon tetrachloride	<0.50 ug/L		1.0	0.50	1		09/26/14 13:52	56-23-5	
Chlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:52	108-90-7	
Chloroethane	<0.37 ug/L		1.0	0.37	1		09/26/14 13:52	75-00-3	
Chloroform	<2.5 ug/L		5.0	2.5	1		09/26/14 13:52	67-66-3	
Chloromethane	<0.50 ug/L		1.0	0.50	1		09/26/14 13:52	74-87-3	
Dibromochloromethane	<0.50 ug/L		1.0	0.50	1		09/26/14 13:52	124-48-1	
Dibromomethane	<0.43 ug/L		1.0	0.43	1		09/26/14 13:52	74-95-3	
Dichlorodifluoromethane	<0.20 ug/L		1.0	0.20	1		09/26/14 13:52	75-71-8	
Diisopropyl ether	<0.50 ug/L		1.0	0.50	1		09/26/14 13:52	108-20-3	
Ethylbenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:52	100-41-4	
Hexachloro-1,3-butadiene	<2.1 ug/L		5.0	2.1	1		09/26/14 13:52	87-68-3	
Isopropylbenzene (Cumene)	<0.14 ug/L		1.0	0.14	1		09/26/14 13:52	98-82-8	
Methyl-tert-butyl ether	<0.17 ug/L		1.0	0.17	1		09/26/14 13:52	1634-04-4	
Methylene Chloride	<0.23 ug/L		1.0	0.23	1		09/26/14 13:52	75-09-2	
Naphthalene	<2.5 ug/L		5.0	2.5	1		09/26/14 13:52	91-20-3	
Styrene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:52	100-42-5	
Tetrachloroethene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:52	127-18-4	L3

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ANALYTICAL RESULTS

Project: LINDEY CLEANERS
 Pace Project No.: 40103891

Sample: B-7 Lab ID: 40103891007 Collected: 09/22/14 12:08 Received: 09/24/14 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:52	108-88-3	
Trichloroethene	<0.33 ug/L		1.0	0.33	1		09/26/14 13:52	79-01-6	
Trichlorofluoromethane	<0.17 ug/L		1.0	0.17	1		09/26/14 13:52	75-69-4	
Vinyl chloride	<0.18 ug/L		1.0	0.18	1		09/26/14 13:52	75-01-4	
Xylene (Total)	<1.5 ug/L		3.0	1.5	1		09/26/14 13:52	1330-20-7	
cis-1,2-Dichloroethene	<0.26 ug/L		1.0	0.26	1		09/26/14 13:52	156-59-2	
cis-1,3-Dichloropropene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:52	10061-01-5	
n-Butylbenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:52	104-51-8	
n-Propylbenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:52	103-65-1	
p-Isopropyltoluene	<0.50 ug/L		1.0	0.50	1		09/26/14 13:52	99-87-6	
sec-Butylbenzene	<2.2 ug/L		5.0	2.2	1		09/26/14 13:52	135-98-8	
tert-Butylbenzene	<0.18 ug/L		1.0	0.18	1		09/26/14 13:52	98-06-6	
trans-1,2-Dichloroethene	<0.26 ug/L		1.0	0.26	1		09/26/14 13:52	156-60-5	
trans-1,3-Dichloropropene	<0.23 ug/L		1.0	0.23	1		09/26/14 13:52	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	90 %		59-130		1		09/26/14 13:52	460-00-4	
Dibromofluoromethane (S)	90 %		70-130		1		09/26/14 13:52	1868-53-7	
Toluene-d8 (S)	92 %		70-130		1		09/26/14 13:52	2037-26-5	

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ANALYTICAL RESULTS

Project: LINDEY CLEANERS

Pace Project No.: 40103891

Sample: B-8 Lab ID: 40103891008 Collected: 09/22/14 12:50 Received: 09/24/14 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	<0.18 ug/L		1.0	0.18	1		09/26/14 14:15	630-20-6	
1,1,1-Trichloroethane	<0.50 ug/L		1.0	0.50	1		09/26/14 14:15	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25 ug/L		1.0	0.25	1		09/26/14 14:15	79-34-5	
1,1,2-Trichloroethane	<0.16 ug/L		1.0	0.16	1		09/26/14 14:15	79-00-5	
1,1-Dichloroethane	<0.24 ug/L		1.0	0.24	1		09/26/14 14:15	75-34-3	
1,1-Dichloroethene	<0.41 ug/L		1.0	0.41	1		09/26/14 14:15	75-35-4	
1,1-Dichloropropene	<0.44 ug/L		1.0	0.44	1		09/26/14 14:15	563-58-6	
1,2,3-Trichlorobenzene	<2.1 ug/L		5.0	2.1	1		09/26/14 14:15	87-61-6	
1,2,3-Trichloropropane	<0.50 ug/L		1.0	0.50	1		09/26/14 14:15	96-18-4	
1,2,4-Trichlorobenzene	<2.2 ug/L		5.0	2.2	1		09/26/14 14:15	120-82-1	
1,2,4-Trimethylbenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 14:15	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2 ug/L		5.0	2.2	1		09/26/14 14:15	96-12-8	
1,2-Dibromoethane (EDB)	<0.16 ug/L		1.0	0.16	1		09/26/14 14:15	106-93-4	
1,2-Dichlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 14:15	95-50-1	
1,2-Dichloroethane	<0.17 ug/L		1.0	0.17	1		09/26/14 14:15	107-06-2	
1,2-Dichloropropane	<0.23 ug/L		1.0	0.23	1		09/26/14 14:15	78-87-5	
1,3,5-Trimethylbenzene	3.3 ug/L		1.0	0.50	1		09/26/14 14:15	108-67-8	
1,3-Dichlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 14:15	541-73-1	
1,3-Dichloropropane	<0.50 ug/L		1.0	0.50	1		09/26/14 14:15	142-28-9	
1,4-Dichlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 14:15	106-46-7	
2,2-Dichloropropane	<0.48 ug/L		1.0	0.48	1		09/26/14 14:15	594-20-7	
2-Chlorotoluene	<0.50 ug/L		1.0	0.50	1		09/26/14 14:15	95-49-8	
4-Chlorotoluene	<0.21 ug/L		1.0	0.21	1		09/26/14 14:15	106-43-4	
Benzene	<0.50 ug/L		1.0	0.50	1		09/26/14 14:15	71-43-2	
Bromobenzene	<0.23 ug/L		1.0	0.23	1		09/26/14 14:15	108-86-1	
Bromochloromethane	<0.34 ug/L		1.0	0.34	1		09/26/14 14:15	74-97-5	
Bromodichloromethane	<0.50 ug/L		1.0	0.50	1		09/26/14 14:15	75-27-4	
Bromoform	<0.50 ug/L		1.0	0.50	1		09/26/14 14:15	75-25-2	
Bromomethane	<2.4 ug/L		5.0	2.4	1		09/26/14 14:15	74-83-9	
Carbon tetrachloride	<0.50 ug/L		1.0	0.50	1		09/26/14 14:15	56-23-5	
Chlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 14:15	108-90-7	
Chloroethane	<0.37 ug/L		1.0	0.37	1		09/26/14 14:15	75-00-3	
Chloroform	<2.5 ug/L		5.0	2.5	1		09/26/14 14:15	67-66-3	
Chloromethane	<0.50 ug/L		1.0	0.50	1		09/26/14 14:15	74-87-3	
Dibromochloromethane	<0.50 ug/L		1.0	0.50	1		09/26/14 14:15	124-48-1	
Dibromomethane	<0.43 ug/L		1.0	0.43	1		09/26/14 14:15	74-95-3	
Dichlorodifluoromethane	<0.20 ug/L		1.0	0.20	1		09/26/14 14:15	75-71-8	
Diisopropyl ether	<0.50 ug/L		1.0	0.50	1		09/26/14 14:15	108-20-3	
Ethylbenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 14:15	100-41-4	
Hexachloro-1,3-butadiene	<2.1 ug/L		5.0	2.1	1		09/26/14 14:15	87-68-3	
Isopropylbenzene (Cumene)	<0.14 ug/L		1.0	0.14	1		09/26/14 14:15	98-82-8	
Methyl-tert-butyl ether	<0.17 ug/L		1.0	0.17	1		09/26/14 14:15	1634-04-4	
Methylene Chloride	<0.23 ug/L		1.0	0.23	1		09/26/14 14:15	75-09-2	
Naphthalene	<2.5 ug/L		5.0	2.5	1		09/26/14 14:15	91-20-3	
Styrene	<0.50 ug/L		1.0	0.50	1		09/26/14 14:15	100-42-5	
Tetrachloroethene	<0.50 ug/L		1.0	0.50	1		09/26/14 14:15	127-18-4	L3

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ANALYTICAL RESULTS

Project: LINDEY CLEANERS
Pace Project No.: 40103891

Sample: B-8	Lab ID: 40103891008	Collected: 09/22/14 12:50	Received: 09/24/14 08:40	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Toluene	<0.50 ug/L		1.0	0.50	1		09/26/14 14:15	108-88-3	
Trichloroethene	<0.33 ug/L		1.0	0.33	1		09/26/14 14:15	79-01-6	
Trichlorofluoromethane	<0.17 ug/L		1.0	0.17	1		09/26/14 14:15	75-69-4	
Vinyl chloride	<0.18 ug/L		1.0	0.18	1		09/26/14 14:15	75-01-4	
Xylene (Total)	<1.5 ug/L		3.0	1.5	1		09/26/14 14:15	1330-20-7	
cis-1,2-Dichloroethene	<0.26 ug/L		1.0	0.26	1		09/26/14 14:15	156-59-2	
cis-1,3-Dichloropropene	<0.50 ug/L		1.0	0.50	1		09/26/14 14:15	10061-01-5	
n-Butylbenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 14:15	104-51-8	
n-Propylbenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 14:15	103-65-1	
p-Isopropyltoluene	<0.50 ug/L		1.0	0.50	1		09/26/14 14:15	99-87-6	
sec-Butylbenzene	<2.2 ug/L		5.0	2.2	1		09/26/14 14:15	135-98-8	
tert-Butylbenzene	<0.18 ug/L		1.0	0.18	1		09/26/14 14:15	98-06-6	
trans-1,2-Dichloroethene	<0.26 ug/L		1.0	0.26	1		09/26/14 14:15	156-60-5	
trans-1,3-Dichloropropene	<0.23 ug/L		1.0	0.23	1		09/26/14 14:15	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	104 %		59-130		1		09/26/14 14:15	460-00-4	
Dibromofluoromethane (S)	91 %		70-130		1		09/26/14 14:15	1868-53-7	
Toluene-d8 (S)	91 %		70-130		1		09/26/14 14:15	2037-26-5	

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ANALYTICAL RESULTS

Project: LINDEY CLEANERS
Pace Project No.: 40103891

Sample: B-9 Lab ID: 40103891009 Collected: 09/22/14 13:20 Received: 09/24/14 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	<0.18 ug/L		1.0	0.18	1		09/26/14 14:37	630-20-6	
1,1,1-Trichloroethane	<0.50 ug/L		1.0	0.50	1		09/26/14 14:37	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25 ug/L		1.0	0.25	1		09/26/14 14:37	79-34-5	
1,1,2-Trichloroethane	<0.16 ug/L		1.0	0.16	1		09/26/14 14:37	79-00-5	
1,1-Dichloroethane	<0.24 ug/L		1.0	0.24	1		09/26/14 14:37	75-34-3	
1,1-Dichloroethene	<0.41 ug/L		1.0	0.41	1		09/26/14 14:37	75-35-4	
1,1-Dichloropropene	<0.44 ug/L		1.0	0.44	1		09/26/14 14:37	563-58-6	
1,2,3-Trichlorobenzene	<2.1 ug/L		5.0	2.1	1		09/26/14 14:37	87-61-6	
1,2,3-Trichloropropane	<0.50 ug/L		1.0	0.50	1		09/26/14 14:37	96-18-4	
1,2,4-Trichlorobenzene	<2.2 ug/L		5.0	2.2	1		09/26/14 14:37	120-82-1	
1,2,4-Trimethylbenzene	51.9 ug/L		1.0	0.50	1		09/26/14 14:37	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2 ug/L		5.0	2.2	1		09/26/14 14:37	96-12-8	
1,2-Dibromoethane (EDB)	<0.16 ug/L		1.0	0.16	1		09/26/14 14:37	106-93-4	
1,2-Dichlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 14:37	95-50-1	
1,2-Dichloroethane	<0.17 ug/L		1.0	0.17	1		09/26/14 14:37	107-06-2	
1,2-Dichloropropane	<0.23 ug/L		1.0	0.23	1		09/26/14 14:37	78-87-5	
1,3,5-Trimethylbenzene	20.8 ug/L		1.0	0.50	1		09/26/14 14:37	108-67-8	
1,3-Dichlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 14:37	541-73-1	
1,3-Dichloropropane	<0.50 ug/L		1.0	0.50	1		09/26/14 14:37	142-28-9	
1,4-Dichlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 14:37	106-46-7	
2,2-Dichloropropane	<0.48 ug/L		1.0	0.48	1		09/26/14 14:37	594-20-7	
2-Chlorotoluene	<0.50 ug/L		1.0	0.50	1		09/26/14 14:37	95-49-8	
4-Chlorotoluene	<0.21 ug/L		1.0	0.21	1		09/26/14 14:37	106-43-4	
Benzene	<0.50 ug/L		1.0	0.50	1		09/26/14 14:37	71-43-2	
Bromobenzene	<0.23 ug/L		1.0	0.23	1		09/26/14 14:37	108-86-1	
Bromochloromethane	<0.34 ug/L		1.0	0.34	1		09/26/14 14:37	74-97-5	
Bromodichloromethane	<0.50 ug/L		1.0	0.50	1		09/26/14 14:37	75-27-4	
Bromoform	<0.50 ug/L		1.0	0.50	1		09/26/14 14:37	75-25-2	
Bromomethane	<2.4 ug/L		5.0	2.4	1		09/26/14 14:37	74-83-9	
Carbon tetrachloride	<0.50 ug/L		1.0	0.50	1		09/26/14 14:37	56-23-5	
Chlorobenzene	<0.50 ug/L		1.0	0.50	1		09/26/14 14:37	108-90-7	
Chloroethane	<0.37 ug/L		1.0	0.37	1		09/26/14 14:37	75-00-3	
Chloroform	<2.5 ug/L		5.0	2.5	1		09/26/14 14:37	67-66-3	
Chloromethane	<0.50 ug/L		1.0	0.50	1		09/26/14 14:37	74-87-3	
Dibromochloromethane	<0.50 ug/L		1.0	0.50	1		09/26/14 14:37	124-48-1	
Dibromomethane	<0.43 ug/L		1.0	0.43	1		09/26/14 14:37	74-95-3	
Dichlorodifluoromethane	0.32J ug/L		1.0	0.20	1		09/26/14 14:37	75-71-8	
Diisopropyl ether	<0.50 ug/L		1.0	0.50	1		09/26/14 14:37	108-20-3	
Ethylbenzene	1.1 ug/L		1.0	0.50	1		09/26/14 14:37	100-41-4	
Hexachloro-1,3-butadiene	<2.1 ug/L		5.0	2.1	1		09/26/14 14:37	87-68-3	
Isopropylbenzene (Cumene)	6.5 ug/L		1.0	0.14	1		09/26/14 14:37	98-82-8	
Methyl-tert-butyl ether	<0.17 ug/L		1.0	0.17	1		09/26/14 14:37	1634-04-4	
Methylene Chloride	<0.23 ug/L		1.0	0.23	1		09/26/14 14:37	75-09-2	
Naphthalene	11.9 ug/L		5.0	2.5	1		09/26/14 14:37	91-20-3	
Styrene	<0.50 ug/L		1.0	0.50	1		09/26/14 14:37	100-42-5	
Tetrachloroethene	<0.50 ug/L		1.0	0.50	1		09/26/14 14:37	127-18-4	L3

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: LINDEY CLEANERS
Pace Project No.: 40103891

Sample: B-9 Lab ID: 40103891009 Collected: 09/22/14 13:20 Received: 09/24/14 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Toluene	<0.50 ug/L		1.0	0.50	1		09/26/14 14:37	108-88-3	
Trichloroethene	<0.33 ug/L		1.0	0.33	1		09/26/14 14:37	79-01-6	
Trichlorofluoromethane	<0.17 ug/L		1.0	0.17	1		09/26/14 14:37	75-69-4	
Vinyl chloride	<0.18 ug/L		1.0	0.18	1		09/26/14 14:37	75-01-4	
Xylene (Total)	<1.5 ug/L		3.0	1.5	1		09/26/14 14:37	1330-20-7	
cis-1,2-Dichloroethene	<0.26 ug/L		1.0	0.26	1		09/26/14 14:37	156-59-2	
cis-1,3-Dichloropropene	<0.50 ug/L		1.0	0.50	1		09/26/14 14:37	10061-01-5	
n-Butylbenzene	4.5 ug/L		1.0	0.50	1		09/26/14 14:37	104-51-8	
n-Propylbenzene	10.9 ug/L		1.0	0.50	1		09/26/14 14:37	103-65-1	
p-Isopropyltoluene	8.7 ug/L		1.0	0.50	1		09/26/14 14:37	99-87-6	
sec-Butylbenzene	16.9 ug/L		5.0	2.2	1		09/26/14 14:37	135-98-8	
tert-Butylbenzene	3.4 ug/L		1.0	0.18	1		09/26/14 14:37	98-06-6	
trans-1,2-Dichloroethene	<0.26 ug/L		1.0	0.26	1		09/26/14 14:37	156-60-5	
trans-1,3-Dichloropropene	<0.23 ug/L		1.0	0.23	1		09/26/14 14:37	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	99 %		59-130		1		09/26/14 14:37	460-00-4	
Dibromofluoromethane (S)	88 %		70-130		1		09/26/14 14:37	1868-53-7	
Toluene-d8 (S)	91 %		70-130		1		09/26/14 14:37	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: LINDEY CLEANERS

Pace Project No.: 40103891

QC Batch: MSV/25870

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Associated Lab Samples: 40103891001, 40103891002, 40103891003, 40103891004, 40103891005, 40103891006, 40103891007,
40103891008, 40103891009

METHOD BLANK: 1050358

Matrix: Water

Associated Lab Samples: 40103891001, 40103891002, 40103891003, 40103891004, 40103891005, 40103891006, 40103891007,
40103891008, 40103891009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	09/26/14 06:24	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	09/26/14 06:24	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	09/26/14 06:24	
1,1,2-Trichloroethane	ug/L	<0.16	1.0	09/26/14 06:24	
1,1-Dichloroethane	ug/L	<0.24	1.0	09/26/14 06:24	
1,1-Dichloroethene	ug/L	<0.41	1.0	09/26/14 06:24	
1,1-Dichloropropene	ug/L	<0.44	1.0	09/26/14 06:24	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	09/26/14 06:24	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	09/26/14 06:24	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	09/26/14 06:24	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	09/26/14 06:24	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	09/26/14 06:24	
1,2-Dibromoethane (EDB)	ug/L	<0.16	1.0	09/26/14 06:24	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	09/26/14 06:24	
1,2-Dichloroethane	ug/L	<0.17	1.0	09/26/14 06:24	
1,2-Dichloropropane	ug/L	<0.23	1.0	09/26/14 06:24	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	09/26/14 06:24	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	09/26/14 06:24	
1,3-Dichloropropane	ug/L	<0.50	1.0	09/26/14 06:24	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	09/26/14 06:24	
2,2-Dichloropropane	ug/L	<0.48	1.0	09/26/14 06:24	
2-Chlorotoluene	ug/L	<0.50	1.0	09/26/14 06:24	
4-Chlorotoluene	ug/L	<0.21	1.0	09/26/14 06:24	
Benzene	ug/L	<0.50	1.0	09/26/14 06:24	
Bromobenzene	ug/L	<0.23	1.0	09/26/14 06:24	
Bromochloromethane	ug/L	<0.34	1.0	09/26/14 06:24	
Bromodichloromethane	ug/L	<0.50	1.0	09/26/14 06:24	
Bromoform	ug/L	<0.50	1.0	09/26/14 06:24	
Bromomethane	ug/L	<2.4	5.0	09/26/14 06:24	
Carbon tetrachloride	ug/L	<0.50	1.0	09/26/14 06:24	
Chlorobenzene	ug/L	<0.50	1.0	09/26/14 06:24	
Chloroethane	ug/L	<0.37	1.0	09/26/14 06:24	
Chloroform	ug/L	<2.5	5.0	09/26/14 06:24	
Chloromethane	ug/L	<0.50	1.0	09/26/14 06:24	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	09/26/14 06:24	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	09/26/14 06:24	
Dibromochloromethane	ug/L	<0.50	1.0	09/26/14 06:24	
Dibromomethane	ug/L	<0.43	1.0	09/26/14 06:24	
Dichlorodifluoromethane	ug/L	<0.20	1.0	09/26/14 06:24	
Diisopropyl ether	ug/L	<0.50	1.0	09/26/14 06:24	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: LINDEY CLEANERS
Pace Project No.: 40103891

METHOD BLANK: 1050358 Matrix: Water

Associated Lab Samples: 40103891001, 40103891002, 40103891003, 40103891004, 40103891005, 40103891006, 40103891007,
40103891008, 40103891009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.50	1.0	09/26/14 06:24	
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	09/26/14 06:24	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	09/26/14 06:24	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	09/26/14 06:24	
Methylene Chloride	ug/L	<0.23	1.0	09/26/14 06:24	
n-Butylbenzene	ug/L	<0.50	1.0	09/26/14 06:24	
n-Propylbenzene	ug/L	<0.50	1.0	09/26/14 06:24	
Naphthalene	ug/L	<2.5	5.0	09/26/14 06:24	
p-Isopropyltoluene	ug/L	<0.50	1.0	09/26/14 06:24	
sec-Butylbenzene	ug/L	<2.2	5.0	09/26/14 06:24	
Styrene	ug/L	<0.50	1.0	09/26/14 06:24	
tert-Butylbenzene	ug/L	<0.18	1.0	09/26/14 06:24	
Tetrachloroethene	ug/L	<0.50	1.0	09/26/14 06:24	
Toluene	ug/L	<0.50	1.0	09/26/14 06:24	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	09/26/14 06:24	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	09/26/14 06:24	
Trichloroethene	ug/L	<0.33	1.0	09/26/14 06:24	
Trichlorofluoromethane	ug/L	<0.17	1.0	09/26/14 06:24	
Vinyl chloride	ug/L	<0.18	1.0	09/26/14 06:24	
Xylene (Total)	ug/L	<1.5	3.0	09/26/14 06:24	
4-Bromofluorobenzene (S)	%	93	59-130	09/26/14 06:24	
Dibromofluoromethane (S)	%	89	70-130	09/26/14 06:24	
Toluene-d8 (S)	%	93	70-130	09/26/14 06:24	

LABORATORY CONTROL SAMPLE & LCSD: 1050359

1050360

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	54.8	56.1	110	112	70-130	2	20	
1,1,2,2-Tetrachloroethane	ug/L	50	42.8	44.1	86	88	70-130	3	20	
1,1,2-Trichloroethane	ug/L	50	51.1	52.7	102	105	70-130	3	20	
1,1-Dichloroethane	ug/L	50	45.8	46.5	92	93	70-130	2	20	
1,1-Dichloroethene	ug/L	50	50.6	52.2	101	104	70-132	3	20	
1,2,4-Trichlorobenzene	ug/L	50	54.6	56.6	109	113	70-130	4	20	
1,2-Dibromo-3-chloropropane	ug/L	50	40.1	41.3	80	83	50-150	3	20	
1,2-Dibromoethane (EDB)	ug/L	50	51.7	54.0	103	108	70-130	4	20	
1,2-Dichlorobenzene	ug/L	50	51.9	53.5	104	107	70-130	3	20	
1,2-Dichloroethane	ug/L	50	47.7	49.1	95	98	70-130	3	20	
1,2-Dichloropropane	ug/L	50	53.8	54.2	108	108	70-130	1	20	
1,3-Dichlorobenzene	ug/L	50	51.7	52.7	103	105	70-130	2	20	
1,4-Dichlorobenzene	ug/L	50	51.7	52.9	103	106	70-130	2	20	
Benzene	ug/L	50	49.5	50.2	99	100	70-130	1	20	
Bromodichloromethane	ug/L	50	57.3	59.0	115	118	70-130	3	20	
Bromoform	ug/L	50	55.4	58.0	111	116	70-130	5	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: LINDEY CLEANERS
Pace Project No.: 40103891

LABORATORY CONTROL SAMPLE & LCSD:		1050360									
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
Bromomethane	ug/L	50	37.7	41.9	75	84	34-157	10	20		
Carbon tetrachloride	ug/L	50	55.0	56.2	110	112	70-132	2	20		
Chlorobenzene	ug/L	50	52.0	53.6	104	107	70-130	3	20		
Chloroethane	ug/L	50	38.0	39.8	76	80	60-143	5	20		
Chloroform	ug/L	50	49.1	50.4	98	101	70-130	3	20		
Chloromethane	ug/L	50	30.6	32.4	61	65	43-148	6	20		
cis-1,2-Dichloroethene	ug/L	50	48.3	48.9	97	98	51-133	1	20		
cis-1,3-Dichloropropene	ug/L	50	50.4	51.4	101	103	70-130	2	20		
Dibromochloromethane	ug/L	50	57.3	59.3	115	119	70-130	3	20		
Dichlorodifluoromethane	ug/L	50	24.6	26.0	49	52	10-174	6	20		
Ethylbenzene	ug/L	50	55.4	56.5	111	113	70-130	2	20		
Isopropylbenzene (Cumene)	ug/L	50	52.6	54.0	105	108	70-136	3	20		
Methyl-tert-butyl ether	ug/L	50	46.4	48.3	93	97	54-139	4	20		
Methylene Chloride	ug/L	50	47.7	48.1	95	96	70-130	1	20		
Styrene	ug/L	50	50.6	52.1	101	104	70-130	3	20		
Tetrachloroethene	ug/L	50	64.6	66.8	129	134	70-130	3	20	L0	
Toluene	ug/L	50	52.3	53.3	105	107	70-130	2	20		
trans-1,2-Dichloroethene	ug/L	50	49.4	50.5	99	101	70-130	2	20		
trans-1,3-Dichloropropene	ug/L	50	47.3	48.4	95	97	70-130	2	20		
Trichloroethene	ug/L	50	57.6	58.4	115	117	70-130	1	20		
Trichlorofluoromethane	ug/L	50	53.0	54.6	106	109	50-150	3	20		
Vinyl chloride	ug/L	50	37.5	39.8	75	80	59-157	6	20		
Xylene (Total)	ug/L	150	166	170	111	113	70-130	3	20		
4-Bromofluorobenzene (S)	%				99	101	59-130				
Dibromofluoromethane (S)	%				89	90	70-130				
Toluene-d8 (S)	%				92	92	70-130				

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		1050451											
Parameter	Units	40103733009		MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	MSD % Rec						
1,1,1-Trichloroethane	ug/L	<0.50	50	50	54.1	52.8	108	106	70-130	2	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	43.7	43.4	87	87	70-130	1	20		
1,1,2-Trichloroethane	ug/L	<0.16	50	50	51.4	50.3	103	101	70-130	2	20		
1,1-Dichloroethane	ug/L	2.2	50	50	47.3	45.7	90	87	70-130	3	20		
1,1-Dichloroethene	ug/L	<0.41	50	50	50.0	49.2	100	98	70-138	2	20		
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	55.2	53.2	110	106	70-130	4	20		
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	40.2	40.9	80	82	50-150	2	20		
1,2-Dibromoethane (EDB)	ug/L	<0.16	50	50	52.3	50.9	105	102	70-130	3	20		
1,2-Dichlorobenzene	ug/L	<0.50	50	50	52.3	50.4	105	101	70-130	4	20		
1,2-Dichloroethane	ug/L	<0.17	50	50	47.9	46.0	96	92	70-130	4	20		
1,2-Dichloropropane	ug/L	<0.23	50	50	52.7	51.4	105	103	70-130	3	20		
1,3-Dichlorobenzene	ug/L	<0.50	50	50	51.7	49.9	103	100	70-130	3	20		
1,4-Dichlorobenzene	ug/L	<0.50	50	50	52.7	50.1	105	100	70-130	5	20		

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QUALITY CONTROL DATA

Project: LINDEY CLEANERS

Pace Project No.: 40103891

Parameter	Units	40103733009		MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	MS Result	MSD Result							
Benzene	ug/L	<0.50	50	50	48.9	47.2	98	94	70-130	4	20		
Bromodichloromethane	ug/L	<0.50	50	50	56.7	55.0	113	110	70-130	3	20		
Bromoform	ug/L	<0.50	50	50	56.3	54.5	113	109	70-130	3	20		
Bromomethane	ug/L	<2.4	50	50	41.9	42.8	84	86	34-159	2	20		
Carbon tetrachloride	ug/L	<0.50	50	50	54.0	52.9	108	106	70-132	2	20		
Chlorobenzene	ug/L	<0.50	50	50	51.7	50.8	103	102	70-130	2	20		
Chloroethane	ug/L	<0.37	50	50	37.3	36.8	75	74	60-143	1	20		
Chloroform	ug/L	<2.5	50	50	48.8	47.2	98	94	70-130	3	20		
Chloromethane	ug/L	<0.50	50	50	30.2	28.9	60	58	43-149	5	20		
cis-1,2-Dichloroethene	ug/L	0.98J	50	50	49.1	47.5	96	93	48-137	3	33		
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	50.5	48.5	101	97	70-130	4	20		
Dibromochloromethane	ug/L	<0.50	50	50	57.1	54.9	114	110	70-130	4	20		
Dichlorodifluoromethane	ug/L	<0.20	50	50	22.4	21.6	45	43	10-174	3	20		
Ethylbenzene	ug/L	<0.50	50	50	55.3	53.5	111	107	70-130	3	20		
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	52.4	50.8	105	102	70-136	3	20		
Methyl-tert-butyl ether	ug/L	<0.17	50	50	46.2	45.3	92	91	54-139	2	20		
Methylene Chloride	ug/L	<0.23	50	50	47.1	45.4	94	91	70-133	4	20		
Styrene	ug/L	<0.50	50	50	51.2	48.6	102	97	70-130	5	20		
Tetrachloroethene	ug/L	<0.50	50	50	64.6	62.6	129	125	70-130	3	20		
Toluene	ug/L	<0.50	50	50	51.9	50.5	104	101	70-130	3	20		
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	49.2	47.8	98	96	70-130	3	20		
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	47.3	46.4	95	93	70-130	2	20		
Trichloroethene	ug/L	<0.33	50	50	57.3	55.6	115	111	70-130	3	20		
Trichlorofluoromethane	ug/L	<0.17	50	50	52.9	50.7	106	101	50-150	4	20		
Vinyl chloride	ug/L	0.59J	50	50	38.0	36.3	75	71	59-158	5	20		
Xylene (Total)	ug/L	<1.5	150	150	165	160	110	107	70-132	3	20		
4-Bromofluorobenzene (S)	%						100	100	59-130				
Dibromofluoromethane (S)	%							89	88	70-130			
Toluene-d8 (S)	%							92	93	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: LINDEY CLEANERS
Pace Project No.: 40103891

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

LOD - Limit of Detection.

LOQ - Limit of Quantitation.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.

L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: LINDEY CLEANERS
 Pace Project No.: 40103891

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40103891001	B-1	EPA 8260	MSV/25870		
40103891002	B-2	EPA 8260	MSV/25870		
40103891003	B-3	EPA 8260	MSV/25870		
40103891004	B-4	EPA 8260	MSV/25870		
40103891005	B-5	EPA 8260	MSV/25870		
40103891006	B-6	EPA 8260	MSV/25870		
40103891007	B-7	EPA 8260	MSV/25870		
40103891008	B-8	EPA 8260	MSV/25870		
40103891009	B-9	EPA 8260	MSV/25870		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name:	Sand Creek
Branch/Location:	Rhineland
Project Contact:	Hollie DePuydt
Phone:	715.365.1818
Project Number:	
Project Name:	Linday Cleaners
Project State:	Wisconsin
Sampled By (Print):	Hollie DePuydt
Sampled By (Sign):	
PO #:	Regulatory Program



CHAIN OF CUSTODY

***Preservation Codes**

A=None	B=HCL	C=H ₂ SO ₄	D=HNO ₃	E=DI Water	F=Methanol	G=NaOH
H=Sodium Bisulfate Solution			I=Sodium Thiosulfate	J=Other		

FILTERED? (YES/NO)	Y/N						
PRESERVATION (CODE)*	Pick Letter						
		Analyses Requested					
Codes							
= Water							
V = Drinking Water							
W = Ground Water							
S = Surface Water							
N = Waste Water							
W = Wipe							
ION	MATRIX						
TIME							
115	GW	X					
150	1	X					
015		X					
035		X					
050		X					
135		X					
208		X					
250		X					
320	✓	X					
VOC							

UPPER MIDWEST REGION

MN: 612-607-1700 WI: 920-469-2438

Page 1 of

Page 30 of 31

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	Relinquished By: <i>Mark Wright</i>	Date/Time: <i>9/23/14 0840</i>	Received By:	Date/Time:	PACE Project No. <i>40103891</i>
Transmit Prelim Rush Results by (complete what you want):	Relinquished By: <i>Durham</i>	Date/Time: <i>9/24/14 0840</i>	Received By: <i>Susan Wyle</i>	Date/Time: <i>9/24/14 0840</i>	Receipt Temp = <i>ROT</i> °C
Email #1:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Sample Receipt pH
Email #2:	Relinquished By:	Date/Time:	Received By:	Date/Time:	OK / Adjusted
Telephone:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Cooler Custody Seal
Fax:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Present / Not Present
Samples on HOLD are subject to special pricing and release of liability	Relinquished By:	Date/Time:	Received By:	Date/Time:	Intact / Not Intact

Sample Condition Upon Receipt

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Pace Analytical

Client Name: Sand Creek Dunham

Project #: WO# : 40103891

Courier: Fed Ex UPS Client Pace Other: Dunham
Tracking #: 853042



40103891

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used: N/A Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: ROI /Corr:

Biological Tissue is Frozen: yes

Temp Blank Present: yes no

no

Person examining contents:

Date: 9-24-14

Initials: SLW

Temp should be above freezing to 6°C for all sample except Biota.

Frozen Biota Samples should be received ≤ 0°C.

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time: - VOA Samples frozen upon receipt	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5. Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used: -Pace Containers Used: -Pace IR Containers Used:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	9.
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <i>No collect date or time on samples.</i> <i>9-24-14 SLW</i>
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> NaOH + ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO ₃ , H ₂ SO ₄) ≤ 2; NaOH + ZnAct ≥ 9; NaOH ≥ 12) exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

If checked, see attached form for additional comments

Person Contacted:

Date/Time:

Comments/ Resolution:

Received original and copy of COC. 9-24-14 SLW

Project Manager Review:

JJ for DLU

Date:

9/24/14

Appendix B

Laboratory Results from March 2015 Soil Samples during Demolition

March 24, 2015

Christopher Rog
SAND CREEK CONSULTANTS, INC.
108 E. Davenport Street
Rhineland, WI 54501

RE: Project: LINDEY CLEANERS
Pace Project No.: 40111877

Dear Christopher Rog:

Enclosed are the analytical results for sample(s) received by the laboratory on March 19, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Tod Noltemeyer for
Dan Milewsky
dan.milewsky@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: LINDEY CLEANERS
Pace Project No.: 40111877

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334

North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

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Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: LINDEY CLEANERS

Pace Project No.: 40111877

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40111877001	1	Solid	03/17/15 14:00	03/19/15 08:30
40111877002	2	Solid	03/17/15 14:00	03/19/15 08:30

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SAMPLE ANALYTE COUNT

Project: LINDEY CLEANERS
Pace Project No.: 40111877

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40111877001	1	EPA 8270	RJN	70
		EPA 8260	SMT	64
		ASTM D2974-87	RMS	1
40111877002	2	EPA 8260	SMT	64
		ASTM D2974-87	RMS	1

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: LINDEY CLEANERS

Pace Project No.: 40111877

Lab Sample ID	Client Sample ID						
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers	
40111877001	1						
EPA 8270	bis(2-Ethylhexyl)phthalate	12900J	ug/kg	52300	03/20/15 13:02		
EPA 8270	Naphthalene	10100J	ug/kg	52300	03/20/15 13:02		
EPA 8260	1,2,4-Trimethylbenzene	189000	ug/kg	13800	03/20/15 17:24		
EPA 8260	1,3,5-Trimethylbenzene	70700	ug/kg	13800	03/20/15 17:24		
EPA 8260	Naphthalene	18300J	ug/kg	57600	03/20/15 17:24		
EPA 8260	n-Propylbenzene	7210J	ug/kg	13800	03/20/15 17:24		
EPA 8260	p-Isopropyltoluene	22900	ug/kg	13800	03/20/15 17:24		
EPA 8260	sec-Butylbenzene	13600J	ug/kg	13800	03/20/15 17:24		
ASTM D2974-87	Percent Moisture	10.5	%	0.10	03/23/15 17:34		
40111877002	2						
EPA 8260	1,2,4-Trimethylbenzene	264000	ug/kg	18000	03/20/15 18:12		
EPA 8260	1,3,5-Trimethylbenzene	94500	ug/kg	18000	03/20/15 18:12		
EPA 8260	Naphthalene	19400J	ug/kg	74800	03/20/15 18:12		
EPA 8260	n-Propylbenzene	10100J	ug/kg	18000	03/20/15 18:12		
EPA 8260	p-Isopropyltoluene	30900	ug/kg	18000	03/20/15 18:12		
EPA 8260	sec-Butylbenzene	21600	ug/kg	18000	03/20/15 18:12		
ASTM D2974-87	Percent Moisture	26.5	%	0.10	03/23/15 17:34		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: LINDEY CLEANERS
Pace Project No.: 40111877

Sample: 1 Lab ID: 40111877001 Collected: 03/17/15 14:00 Received: 03/19/15 08:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	<12500	ug/kg	52300	12500	40	03/20/15 10:10	03/20/15 13:02	83-32-9	
Acenaphthylene	<11700	ug/kg	52300	11700	40	03/20/15 10:10	03/20/15 13:02	208-96-8	
Anthracene	<13800	ug/kg	52300	13800	40	03/20/15 10:10	03/20/15 13:02	120-12-7	
Benzo(a)anthracene	<9440	ug/kg	52300	9440	40	03/20/15 10:10	03/20/15 13:02	56-55-3	
Benzo(a)pyrene	<10400	ug/kg	52300	10400	40	03/20/15 10:10	03/20/15 13:02	50-32-8	
Benzo(b)fluoranthene	<12300	ug/kg	52300	12300	40	03/20/15 10:10	03/20/15 13:02	205-99-2	
Benzo(g,h,i)perylene	<10500	ug/kg	52300	10500	40	03/20/15 10:10	03/20/15 13:02	191-24-2	
Benzo(k)fluoranthene	<14100	ug/kg	52300	14100	40	03/20/15 10:10	03/20/15 13:02	207-08-9	
4-Bromophenylphenyl ether	<11000	ug/kg	52300	11000	40	03/20/15 10:10	03/20/15 13:02	101-55-3	
Butylbenzylphthalate	<9800	ug/kg	52300	9800	40	03/20/15 10:10	03/20/15 13:02	85-68-7	
Carbazole	<11200	ug/kg	52300	11200	40	03/20/15 10:10	03/20/15 13:02	86-74-8	
4-Chloro-3-methylphenol	<10100	ug/kg	52300	10100	40	03/20/15 10:10	03/20/15 13:02	59-50-7	
4-Chloroaniline	<6480	ug/kg	104000	6480	40	03/20/15 10:10	03/20/15 13:02	106-47-8	
bis(2-Chloroethoxy)methane	<9250	ug/kg	52300	9250	40	03/20/15 10:10	03/20/15 13:02	111-91-1	
bis(2-Chloroethyl) ether	<10200	ug/kg	52300	10200	40	03/20/15 10:10	03/20/15 13:02	111-44-4	
2-Chloronaphthalene	<9510	ug/kg	52300	9510	40	03/20/15 10:10	03/20/15 13:02	91-58-7	
2-Chlorophenol	<9410	ug/kg	52300	9410	40	03/20/15 10:10	03/20/15 13:02	95-57-8	
4-Chlorophenylphenyl ether	<10900	ug/kg	52300	10900	40	03/20/15 10:10	03/20/15 13:02	7005-72-3	
Chrysene	<10300	ug/kg	52300	10300	40	03/20/15 10:10	03/20/15 13:02	218-01-9	
Dibenz(a,h)anthracene	<7690	ug/kg	52300	7690	40	03/20/15 10:10	03/20/15 13:02	53-70-3	
Dibenzofuran	<11500	ug/kg	52300	11500	40	03/20/15 10:10	03/20/15 13:02	132-64-9	
1,2-Dichlorobenzene	<8660	ug/kg	52300	8660	40	03/20/15 10:10	03/20/15 13:02	95-50-1	
1,3-Dichlorobenzene	<6930	ug/kg	52300	6930	40	03/20/15 10:10	03/20/15 13:02	541-73-1	
1,4-Dichlorobenzene	<7850	ug/kg	52300	7850	40	03/20/15 10:10	03/20/15 13:02	106-46-7	
3,3'-Dichlorobenzidine	<6450	ug/kg	52300	6450	40	03/20/15 10:10	03/20/15 13:02	91-94-1	
2,4-Dichlorophenol	<8700	ug/kg	52300	8700	40	03/20/15 10:10	03/20/15 13:02	120-83-2	
Diethylphthalate	<10300	ug/kg	52300	10300	40	03/20/15 10:10	03/20/15 13:02	84-66-2	
2,4-Dimethylphenol	<9990	ug/kg	52300	9990	40	03/20/15 10:10	03/20/15 13:02	105-67-9	
Dimethylphthalate	<9990	ug/kg	52300	9990	40	03/20/15 10:10	03/20/15 13:02	131-11-3	
Di-n-butylphthalate	<11200	ug/kg	52300	11200	40	03/20/15 10:10	03/20/15 13:02	84-74-2	
4,6-Dinitro-2-methylphenol	<5480	ug/kg	52300	5480	40	03/20/15 10:10	03/20/15 13:02	534-52-1	
2,4-Dinitrophenol	<21200	ug/kg	104000	21200	40	03/20/15 10:10	03/20/15 13:02	51-28-5	
2,4-Dinitrotoluene	<16100	ug/kg	52300	16100	40	03/20/15 10:10	03/20/15 13:02	121-14-2	
2,6-Dinitrotoluene	<5680	ug/kg	52300	5680	40	03/20/15 10:10	03/20/15 13:02	606-20-2	
Di-n-octylphthalate	<8120	ug/kg	52300	8120	40	03/20/15 10:10	03/20/15 13:02	117-84-0	
bis(2-Ethylhexyl)phthalate	12900J	ug/kg	52300	6600	40	03/20/15 10:10	03/20/15 13:02	117-81-7	
Fluoranthene	<11500	ug/kg	52300	11500	40	03/20/15 10:10	03/20/15 13:02	206-44-0	
Fluorene	<9620	ug/kg	52300	9620	40	03/20/15 10:10	03/20/15 13:02	86-73-7	
Hexachloro-1,3-butadiene	<8330	ug/kg	52300	8330	40	03/20/15 10:10	03/20/15 13:02	87-68-3	
Hexachlorobenzene	<11800	ug/kg	52300	11800	40	03/20/15 10:10	03/20/15 13:02	118-74-1	
Hexachlorocyclopentadiene	<5400	ug/kg	52300	5400	40	03/20/15 10:10	03/20/15 13:02	77-47-4	
Hexachloroethane	<11800	ug/kg	52300	11800	40	03/20/15 10:10	03/20/15 13:02	67-72-1	
Indeno(1,2,3-cd)pyrene	<11800	ug/kg	52300	11800	40	03/20/15 10:10	03/20/15 13:02	193-39-5	
Isophorone	<9710	ug/kg	52300	9710	40	03/20/15 10:10	03/20/15 13:02	78-59-1	
2-Methylnaphthalene	<9680	ug/kg	52300	9680	40	03/20/15 10:10	03/20/15 13:02	91-57-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: LINDEY CLEANERS
Pace Project No.: 40111877

Sample: 1 Lab ID: 40111877001 Collected: 03/17/15 14:00 Received: 03/19/15 08:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV FULL LIST MICROWAVE		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Methylphenol(o-Cresol)	<9910	ug/kg	52300	9910	40	03/20/15 10:10	03/20/15 13:02	95-48-7	
3&4-Methylphenol(m&p Cresol)	<7630	ug/kg	52300	7630	40	03/20/15 10:10	03/20/15 13:02		
Naphthalene	10100J	ug/kg	52300	9230	40	03/20/15 10:10	03/20/15 13:02	91-20-3	
2-Nitroaniline	<9810	ug/kg	52300	9810	40	03/20/15 10:10	03/20/15 13:02	88-74-4	
3-Nitroaniline	<14400	ug/kg	52300	14400	40	03/20/15 10:10	03/20/15 13:02	99-09-2	
4-Nitroaniline	<13700	ug/kg	52300	13700	40	03/20/15 10:10	03/20/15 13:02	100-01-6	
Nitrobenzene	<12800	ug/kg	52300	12800	40	03/20/15 10:10	03/20/15 13:02	98-95-3	
2-Nitrophenol	<10200	ug/kg	52300	10200	40	03/20/15 10:10	03/20/15 13:02	88-75-5	
4-Nitrophenol	<14000	ug/kg	52300	14000	40	03/20/15 10:10	03/20/15 13:02	100-02-7	
N-Nitroso-di-n-propylamine	<11100	ug/kg	52300	11100	40	03/20/15 10:10	03/20/15 13:02	621-64-7	
N-Nitrosodiphenylamine	<39600	ug/kg	104000	39600	40	03/20/15 10:10	03/20/15 13:02	86-30-6	
2,2'-Oxybis(1-chloropropane)	<9040	ug/kg	52300	9040	40	03/20/15 10:10	03/20/15 13:02	108-60-1	
Pentachlorophenol	<7050	ug/kg	52300	7050	40	03/20/15 10:10	03/20/15 13:02	87-86-5	
Phenanthrene	<10900	ug/kg	52300	10900	40	03/20/15 10:10	03/20/15 13:02	85-01-8	
Phenol	<16400	ug/kg	52300	16400	40	03/20/15 10:10	03/20/15 13:02	108-95-2	D3
Pyrene	<14600	ug/kg	52300	14600	40	03/20/15 10:10	03/20/15 13:02	129-00-0	
1,2,4-Trichlorobenzene	<13100	ug/kg	52300	13100	40	03/20/15 10:10	03/20/15 13:02	120-82-1	
2,4,5-Trichlorophenol	<11100	ug/kg	52300	11100	40	03/20/15 10:10	03/20/15 13:02	95-95-4	
2,4,6-Trichlorophenol	<13200	ug/kg	52300	13200	40	03/20/15 10:10	03/20/15 13:02	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	0	%	45-130		40	03/20/15 10:10	03/20/15 13:02	4165-60-0	S4
2-Fluorobiphenyl (S)	0	%	51-130		40	03/20/15 10:10	03/20/15 13:02	321-60-8	S4
Terphenyl-d14 (S)	0	%	37-134		40	03/20/15 10:10	03/20/15 13:02	1718-51-0	S4
Phenol-d6 (S)	0	%	36-130		40	03/20/15 10:10	03/20/15 13:02	13127-88-3	S4
2-Fluorophenol (S)	0	%	37-130		40	03/20/15 10:10	03/20/15 13:02	367-12-4	S4
2,4,6-Tribromophenol (S)	0	%	30-130		40	03/20/15 10:10	03/20/15 13:02	118-79-6	S4
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	630-20-6	W
1,1,1-Trichloroethane	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	71-55-6	W
1,1,2,2-Tetrachloroethane	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	79-34-5	W
1,1,2-Trichloroethane	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	79-00-5	W
1,1-Dichloroethane	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	75-34-3	W
1,1-Dichloroethene	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	75-35-4	W
1,1-Dichloropropene	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	563-58-6	W
1,2,3-Trichlorobenzene	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	87-61-6	W
1,2,3-Trichloropropane	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	96-18-4	W
1,2,4-Trichlorobenzene	<9800	ug/kg	51500	9800	200	03/20/15 07:30	03/20/15 17:24	120-82-1	W
1,2,4-Trimethylbenzene	189000	ug/kg	13800	5760	200	03/20/15 07:30	03/20/15 17:24	95-63-6	
1,2-Dibromo-3-chloropropane	<18800	ug/kg	51500	18800	200	03/20/15 07:30	03/20/15 17:24	96-12-8	W
1,2-Dibromoethane (EDB)	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	106-93-4	W
1,2-Dichlorobenzene	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	95-50-1	W
1,2-Dichloroethane	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	107-06-2	W
1,2-Dichloropropane	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	78-87-5	W
1,3,5-Trimethylbenzene	70700	ug/kg	13800	5760	200	03/20/15 07:30	03/20/15 17:24	108-67-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: LINDEY CLEANERS
Pace Project No.: 40111877

Sample: 1 Lab ID: 40111877001 Collected: 03/17/15 14:00 Received: 03/19/15 08:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,3-Dichlorobenzene	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	541-73-1	W
1,3-Dichloropropane	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	142-28-9	W
1,4-Dichlorobenzene	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	106-46-7	W
2,2-Dichloropropane	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	594-20-7	W
2-Chlorotoluene	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	95-49-8	W
4-Chlorotoluene	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	106-43-4	W
Benzene	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	71-43-2	W
Bromobenzene	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	108-86-1	W
Bromoform	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	74-97-5	W
Bromochloromethane	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	75-27-4	W
Bromodichloromethane	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	75-25-2	W
Bromoform	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	74-83-9	W
Bromomethane	<14400	ug/kg	51500	14400	200	03/20/15 07:30	03/20/15 17:24	56-23-5	W
Carbon tetrachloride	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	108-90-7	W
Chlorobenzene	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	75-00-3	W
Chloroethane	<13800	ug/kg	51500	13800	200	03/20/15 07:30	03/20/15 17:24	67-66-3	W
Chloroform	<9580	ug/kg	51500	9580	200	03/20/15 07:30	03/20/15 17:24	74-87-3	W
Chloromethane	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	124-48-1	W
Dibromochloromethane	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	74-95-3	W
Dibromomethane	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	100-41-4	W
Dichlorodifluoromethane	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	108-20-3	W
Diisopropyl ether	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	98-82-8	W
Ethylbenzene	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	1634-04-4	W
Hexachloro-1,3-butadiene	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	79-09-2	W
Isopropylbenzene (Cumene)	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	179601-23-1	W
Methyl-tert-butyl ether	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	100-42-5	W
Methylene Chloride	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	106-60-5	W
Naphthalene	18300J	ug/kg	57600	9230	200	03/20/15 07:30	03/20/15 17:24	135-98-8	W
Styrene	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	127-18-4	W
Tetrachloroethene	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	79-01-6	W
Toluene	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	100-47-6	W
Trichloroethene	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	106-61-01-5	W
Trichlorofluoromethane	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	108-88-3	W
Vinyl chloride	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	156-59-2	W
cis-1,2-Dichloroethene	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	99-87-6	W
cis-1,3-Dichloropropene	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	135-98-8	W
m-&p-Xylene	<10300	ug/kg	24700	10300	200	03/20/15 07:30	03/20/15 17:24	136-00-8	W
n-Butylbenzene	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	104-51-8	W
n-Propylbenzene	7210J	ug/kg	13800	5760	200	03/20/15 07:30	03/20/15 17:24	103-65-1	W
o-Xylene	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	98-06-6	W
p-Isopropyltoluene	22900	ug/kg	13800	5760	200	03/20/15 07:30	03/20/15 17:24	10061-01-5	W
sec-Butylbenzene	13600J	ug/kg	13800	5760	200	03/20/15 07:30	03/20/15 17:24	10061-02-6	W
tert-Butylbenzene	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	106-60-5	W
trans-1,2-Dichloroethene	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	108-88-3	W
trans-1,3-Dichloropropene	<5150	ug/kg	12400	5150	200	03/20/15 07:30	03/20/15 17:24	108-88-3	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: LINDEY CLEANERS

Pace Project No.: 40111877

Sample: 1 Lab ID: 40111877001 Collected: 03/17/15 14:00 Received: 03/19/15 08:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Surrogates									
Dibromofluoromethane (S)	0	%	49-157		200	03/20/15 07:30	03/20/15 17:24	1868-53-7	D3,S4
Toluene-d8 (S)	0	%	61-148		200	03/20/15 07:30	03/20/15 17:24	2037-26-5	S4
4-Bromofluorobenzene (S)	0	%	53-134		200	03/20/15 07:30	03/20/15 17:24	460-00-4	S4
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	10.5	%	0.10	0.10	1			03/23/15 17:34	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: LINDEY CLEANERS
Pace Project No.: 40111877

Sample: 2 Lab ID: 40111877002 Collected: 03/17/15 14:00 Received: 03/19/15 08:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA5035/5030B							
1,1,1,2-Tetrachloroethane	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	630-20-6	W
1,1,1-Trichloroethane	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	71-55-6	W
1,1,2,2-Tetrachloroethane	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	79-34-5	W
1,1,2-Trichloroethane	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	79-00-5	W
1,1-Dichloroethane	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	75-34-3	W
1,1-Dichloroethene	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	75-35-4	W
1,1-Dichloropropene	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	563-58-6	W
1,2,3-Trichlorobenzene	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	87-61-6	W
1,2,3-Trichloropropane	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	96-18-4	W
1,2,4-Trichlorobenzene	<10500	ug/kg	54900	10500	200	03/20/15 07:30	03/20/15 18:12	120-82-1	W
1,2,4-Trimethylbenzene	264000	ug/kg	18000	7480	200	03/20/15 07:30	03/20/15 18:12	95-63-6	
1,2-Dibromo-3-chloropropane	<20100	ug/kg	54900	20100	200	03/20/15 07:30	03/20/15 18:12	96-12-8	W
1,2-Dibromoethane (EDB)	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	106-93-4	W
1,2-Dichlorobenzene	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	95-50-1	W
1,2-Dichloroethane	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	107-06-2	W
1,2-Dichloropropane	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	78-87-5	W
1,3,5-Trimethylbenzene	94500	ug/kg	18000	7480	200	03/20/15 07:30	03/20/15 18:12	108-67-8	
1,3-Dichlorobenzene	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	541-73-1	W
1,3-Dichloropropane	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	142-28-9	W
1,4-Dichlorobenzene	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	106-46-7	W
2,2-Dichloropropane	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	594-20-7	W
2-Chlorotoluene	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	95-49-8	W
4-Chlorotoluene	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	106-43-4	W
Benzene	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	71-43-2	W
Bromobenzene	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	108-86-1	W
Bromochloromethane	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	74-97-5	W
Bromodichloromethane	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	75-27-4	W
Bromoform	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	75-25-2	W
Bromomethane	<15400	ug/kg	54900	15400	200	03/20/15 07:30	03/20/15 18:12	74-83-9	W
Carbon tetrachloride	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	56-23-5	W
Chlorobenzene	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	108-90-7	W
Chloroethane	<14700	ug/kg	54900	14700	200	03/20/15 07:30	03/20/15 18:12	75-00-3	W
Chloroform	<10200	ug/kg	54900	10200	200	03/20/15 07:30	03/20/15 18:12	67-66-3	W
Chloromethane	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	74-87-3	W
Dibromochloromethane	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	124-48-1	W
Dibromomethane	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	74-95-3	W
Dichlorodifluoromethane	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	75-71-8	W
Diisopropyl ether	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	108-20-3	W
Ethylbenzene	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	100-41-4	W
Hexachloro-1,3-butadiene	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	87-68-3	W
Isopropylbenzene (Cumene)	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	98-82-8	W
Methyl-tert-butyl ether	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	1634-04-4	W
Methylene Chloride	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	75-09-2	W
Naphthalene	19400J	ug/kg	74800	12000	200	03/20/15 07:30	03/20/15 18:12	91-20-3	
Styrene	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: LINDEY CLEANERS
Pace Project No.: 40111877

Sample: 2 Lab ID: 40111877002 Collected: 03/17/15 14:00 Received: 03/19/15 08:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	127-18-4	W
Toluene	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	108-88-3	W
Trichloroethene	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	79-01-6	W
Trichlorofluoromethane	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	75-69-4	W
Vinyl chloride	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	75-01-4	W
cis-1,2-Dichloroethene	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	156-59-2	W
cis-1,3-Dichloropropene	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	10061-01-5	W
m&p-Xylene	<11000	ug/kg	26400	11000	200	03/20/15 07:30	03/20/15 18:12	179601-23-1	W
n-Butylbenzene	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	104-51-8	W
n-Propylbenzene	10100J	ug/kg	18000	7480	200	03/20/15 07:30	03/20/15 18:12	103-65-1	
o-Xylene	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	95-47-6	W
p-Isopropyltoluene	30900	ug/kg	18000	7480	200	03/20/15 07:30	03/20/15 18:12	99-87-6	
sec-Butylbenzene	21600	ug/kg	18000	7480	200	03/20/15 07:30	03/20/15 18:12	135-98-8	
tert-Butylbenzene	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	98-06-6	W
trans-1,2-Dichloroethene	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	156-60-5	W
trans-1,3-Dichloropropene	<5490	ug/kg	13200	5490	200	03/20/15 07:30	03/20/15 18:12	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	0	%	49-157		200	03/20/15 07:30	03/20/15 18:12	1868-53-7	D3,S4
Toluene-d8 (S)	0	%	61-148		200	03/20/15 07:30	03/20/15 18:12	2037-26-5	S4
4-Bromofluorobenzene (S)	0	%	53-134		200	03/20/15 07:30	03/20/15 18:12	460-00-4	S4
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	26.5	%	0.10	0.10	1			03/23/15 17:34	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: LINDEY CLEANERS

Pace Project No.: 40111877

QC Batch:	MSV/27811	Analysis Method:	EPA 8260
QC Batch Method:	EPA 5035/5030B	Analysis Description:	8260 MSV Med Level Normal List
Associated Lab Samples: 40111877001, 40111877002			

METHOD BLANK: 1129842 Matrix: Solid

Associated Lab Samples: 40111877001, 40111877002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	03/20/15 09:05	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	03/20/15 09:05	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	03/20/15 09:05	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	03/20/15 09:05	
1,1-Dichloroethane	ug/kg	<17.6	50.0	03/20/15 09:05	
1,1-Dichloroethene	ug/kg	<17.6	50.0	03/20/15 09:05	
1,1-Dichloropropene	ug/kg	<14.0	50.0	03/20/15 09:05	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	03/20/15 09:05	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	03/20/15 09:05	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	03/20/15 09:05	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	03/20/15 09:05	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	03/20/15 09:05	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	03/20/15 09:05	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	03/20/15 09:05	
1,2-Dichloroethane	ug/kg	<15.0	50.0	03/20/15 09:05	
1,2-Dichloropropane	ug/kg	<16.8	50.0	03/20/15 09:05	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	03/20/15 09:05	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	03/20/15 09:05	
1,3-Dichloropropane	ug/kg	<12.0	50.0	03/20/15 09:05	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	03/20/15 09:05	
2,2-Dichloropropane	ug/kg	<12.6	50.0	03/20/15 09:05	
2-Chlorotoluene	ug/kg	<15.8	50.0	03/20/15 09:05	
4-Chlorotoluene	ug/kg	<13.0	50.0	03/20/15 09:05	
Benzene	ug/kg	<9.2	20.0	03/20/15 09:05	
Bromobenzene	ug/kg	<20.6	50.0	03/20/15 09:05	
Bromochloromethane	ug/kg	<21.4	50.0	03/20/15 09:05	
Bromodichloromethane	ug/kg	<9.8	50.0	03/20/15 09:05	
Bromoform	ug/kg	<19.8	50.0	03/20/15 09:05	
Bromomethane	ug/kg	<69.9	250	03/20/15 09:05	
Carbon tetrachloride	ug/kg	<12.1	50.0	03/20/15 09:05	
Chlorobenzene	ug/kg	<14.8	50.0	03/20/15 09:05	
Chloroethane	ug/kg	<67.0	250	03/20/15 09:05	
Chloroform	ug/kg	<46.4	250	03/20/15 09:05	
Chloromethane	ug/kg	<20.4	50.0	03/20/15 09:05	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	03/20/15 09:05	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	03/20/15 09:05	
Dibromochloromethane	ug/kg	<17.9	50.0	03/20/15 09:05	
Dibromomethane	ug/kg	<19.3	50.0	03/20/15 09:05	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	03/20/15 09:05	
Diisopropyl ether	ug/kg	<17.7	50.0	03/20/15 09:05	
Ethylbenzene	ug/kg	<12.4	50.0	03/20/15 09:05	

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QUALITY CONTROL DATA

Project: LINDEY CLEANERS

Pace Project No.: 40111877

METHOD BLANK: 1129842

Matrix: Solid

Associated Lab Samples: 40111877001, 40111877002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	03/20/15 09:05	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	03/20/15 09:05	
m&p-Xylene	ug/kg	<34.4	100	03/20/15 09:05	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	03/20/15 09:05	
Methylene Chloride	ug/kg	<16.2	50.0	03/20/15 09:05	
n-Butylbenzene	ug/kg	<10.5	50.0	03/20/15 09:05	
n-Propylbenzene	ug/kg	<11.6	50.0	03/20/15 09:05	
Naphthalene	ug/kg	<40.0	250	03/20/15 09:05	
o-Xylene	ug/kg	<14.0	50.0	03/20/15 09:05	
p-Isopropyltoluene	ug/kg	<12.0	50.0	03/20/15 09:05	
sec-Butylbenzene	ug/kg	<11.9	50.0	03/20/15 09:05	
Styrene	ug/kg	<9.0	50.0	03/20/15 09:05	
tert-Butylbenzene	ug/kg	<9.5	50.0	03/20/15 09:05	
Tetrachloroethene	ug/kg	<12.9	50.0	03/20/15 09:05	
Toluene	ug/kg	<11.2	50.0	03/20/15 09:05	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	03/20/15 09:05	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	03/20/15 09:05	
Trichloroethene	ug/kg	<23.6	50.0	03/20/15 09:05	
Trichlorofluoromethane	ug/kg	<24.7	50.0	03/20/15 09:05	
Vinyl chloride	ug/kg	<21.1	50.0	03/20/15 09:05	
4-Bromofluorobenzene (S)	%	99	53-134	03/20/15 09:05	
Dibromofluoromethane (S)	%	111	49-157	03/20/15 09:05	
Toluene-d8 (S)	%	104	61-148	03/20/15 09:05	

LABORATORY CONTROL SAMPLE & LCSD: 1129843

1129844

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2330	2330	93	93	70-130	0	20	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2570	2610	103	105	70-130	2	20	
1,1,2-Trichloroethane	ug/kg	2500	2570	2480	103	99	70-130	3	20	
1,1-Dichloroethane	ug/kg	2500	2680	2600	107	104	70-130	3	20	
1,1-Dichloroethene	ug/kg	2500	2420	2430	97	97	70-132	0	20	
1,2,4-Trichlorobenzene	ug/kg	2500	2270	2480	91	99	70-130	9	20	
1,2-Dibromo-3-chloropropane	ug/kg	2500	1970	2060	79	83	45-150	5	20	
1,2-Dibromoethane (EDB)	ug/kg	2500	2480	2430	99	97	70-130	2	20	
1,2-Dichlorobenzene	ug/kg	2500	2550	2600	102	104	70-130	2	20	
1,2-Dichloroethane	ug/kg	2500	2590	2570	104	103	70-134	1	20	
1,2-Dichloropropane	ug/kg	2500	2560	2580	103	103	70-130	1	20	
1,3-Dichlorobenzene	ug/kg	2500	2530	2610	101	104	70-130	3	20	
1,4-Dichlorobenzene	ug/kg	2500	2550	2640	102	106	70-130	3	20	
Benzene	ug/kg	2500	2610	2590	104	103	70-130	1	20	
Bromodichloromethane	ug/kg	2500	2190	2160	87	87	70-130	1	20	
Bromoform	ug/kg	2500	1790	1830	72	73	48-130	2	20	
Bromomethane	ug/kg	2500	2340	2420	94	97	70-169	3	20	

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QUALITY CONTROL DATA

Project: LINDEY CLEANERS

Pace Project No.: 40111877

Parameter	Units	1129843		1129844		% Rec	Limits	RPD	Max RPD	Qualifiers
		Spike Conc.	LCS Result	LCSD Result	% Rec					
Carbon tetrachloride	ug/kg	2500	2450	2440	98	98	67-130	0	20	
Chlorobenzene	ug/kg	2500	2550	2540	102	101	70-130	1	20	
Chloroethane	ug/kg	2500	2690	2610	108	104	70-191	3	20	
Chloroform	ug/kg	2500	2540	2510	102	100	70-130	1	20	
Chloromethane	ug/kg	2500	2360	2310	94	93	52-132	2	20	
cis-1,2-Dichloroethene	ug/kg	2500	2530	2470	101	99	70-130	3	20	
cis-1,3-Dichloropropene	ug/kg	2500	2090	2080	84	83	70-130	1	20	
Dibromochloromethane	ug/kg	2500	2220	2220	89	89	65-130	0	20	
Dichlorodifluoromethane	ug/kg	2500	1540	1490	62	60	12-150	3	20	
Ethylbenzene	ug/kg	2500	2430	2420	97	97	70-130	0	20	
Isopropylbenzene (Cumene)	ug/kg	2500	2520	2430	101	97	70-130	3	20	
m&p-Xylene	ug/kg	5000	5220	4990	104	100	70-130	4	20	
Methyl-tert-butyl ether	ug/kg	2500	2380	2310	95	92	70-130	3	20	
Methylene Chloride	ug/kg	2500	2540	2530	102	101	70-131	0	20	
o-Xylene	ug/kg	2500	2540	2450	101	98	70-130	3	20	
Styrene	ug/kg	2500	2560	2450	102	98	70-130	4	20	
Tetrachloroethene	ug/kg	2500	2620	2520	105	101	70-130	4	20	
Toluene	ug/kg	2500	2540	2520	102	101	70-130	1	20	
trans-1,2-Dichloroethene	ug/kg	2500	2400	2380	96	95	69-130	1	20	
trans-1,3-Dichloropropene	ug/kg	2500	2040	1970	82	79	65-130	3	20	
Trichloroethene	ug/kg	2500	2450	2400	98	96	70-130	2	20	
Trichlorofluoromethane	ug/kg	2500	2530	2410	101	96	50-150	5	20	
Vinyl chloride	ug/kg	2500	2580	2550	103	102	67-134	1	20	
4-Bromofluorobenzene (S)	%				97	93	53-134			
Dibromofluoromethane (S)	%					115	114	49-157		
Toluene-d8 (S)	%					105	105	61-148		

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QUALITY CONTROL DATA

Project: LINDEY CLEANERS

Pace Project No.: 40111877

QC Batch: OEXT/26048

Analysis Method: EPA 8270

QC Batch Method: EPA 3546

Analysis Description: 8270 Solid MSSV Microwave

Associated Lab Samples: 40111877001

METHOD BLANK: 1129864

Matrix: Solid

Associated Lab Samples: 40111877001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	<41.7	167	03/20/15 11:22	
1,2-Dichlorobenzene	ug/kg	<27.7	167	03/20/15 11:22	
1,3-Dichlorobenzene	ug/kg	<22.1	167	03/20/15 11:22	
1,4-Dichlorobenzene	ug/kg	<25.1	167	03/20/15 11:22	
2,2'-Oxybis(1-chloropropane)	ug/kg	<28.9	167	03/20/15 11:22	
2,4,5-Trichlorophenol	ug/kg	<35.5	167	03/20/15 11:22	
2,4,6-Trichlorophenol	ug/kg	<42.3	167	03/20/15 11:22	
2,4-Dichlorophenol	ug/kg	<27.8	167	03/20/15 11:22	
2,4-Dimethylphenol	ug/kg	<31.9	167	03/20/15 11:22	
2,4-Dinitrophenol	ug/kg	<67.7	333	03/20/15 11:22	
2,4-Dinitrotoluene	ug/kg	<51.4	167	03/20/15 11:22	
2,6-Dinitrotoluene	ug/kg	<18.2	167	03/20/15 11:22	
2-Chloronaphthalene	ug/kg	<30.4	167	03/20/15 11:22	
2-Chlorophenol	ug/kg	<30.1	167	03/20/15 11:22	
2-Methylnaphthalene	ug/kg	<30.9	167	03/20/15 11:22	
2-Methylphenol(o-Cresol)	ug/kg	<31.6	167	03/20/15 11:22	
2-Nitroaniline	ug/kg	<31.4	167	03/20/15 11:22	
2-Nitrophenol	ug/kg	<32.6	167	03/20/15 11:22	
3&4-Methylphenol(m&p Cresol)	ug/kg	<24.4	167	03/20/15 11:22	
3,3'-Dichlorobenzidine	ug/kg	<20.6	167	03/20/15 11:22	
3-Nitroaniline	ug/kg	<46.0	167	03/20/15 11:22	
4,6-Dinitro-2-methylphenol	ug/kg	<17.5	167	03/20/15 11:22	
4-Bromophenylphenyl ether	ug/kg	<35.1	167	03/20/15 11:22	
4-Chloro-3-methylphenol	ug/kg	<32.4	167	03/20/15 11:22	
4-Chloroaniline	ug/kg	<20.7	333	03/20/15 11:22	
4-Chlorophenylphenyl ether	ug/kg	<34.9	167	03/20/15 11:22	
4-Nitroaniline	ug/kg	<43.9	167	03/20/15 11:22	
4-Nitrophenol	ug/kg	<44.8	167	03/20/15 11:22	
Acenaphthene	ug/kg	<39.8	167	03/20/15 11:22	
Acenaphthylene	ug/kg	<37.2	167	03/20/15 11:22	
Anthracene	ug/kg	<44.0	167	03/20/15 11:22	
Benzo(a)anthracene	ug/kg	<30.2	167	03/20/15 11:22	
Benzo(a)pyrene	ug/kg	<33.1	167	03/20/15 11:22	
Benzo(b)fluoranthene	ug/kg	<39.4	167	03/20/15 11:22	
Benzo(g,h,i)perylene	ug/kg	<33.4	167	03/20/15 11:22	
Benzo(k)fluoranthene	ug/kg	<45.2	167	03/20/15 11:22	
bis(2-Chloroethoxy)methane	ug/kg	<29.5	167	03/20/15 11:22	
bis(2-Chloroethyl) ether	ug/kg	<32.5	167	03/20/15 11:22	
bis(2-Ethylhexyl)phthalate	ug/kg	<21.1	167	03/20/15 11:22	
Butylbenzylphthalate	ug/kg	<31.3	167	03/20/15 11:22	
Carbazole	ug/kg	<35.9	167	03/20/15 11:22	

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QUALITY CONTROL DATA

Project: LINDEY CLEANERS
 Pace Project No.: 40111877

METHOD BLANK: 1129864 Matrix: Solid

Associated Lab Samples: 40111877001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chrysene	ug/kg	<32.8	167	03/20/15 11:22	
Di-n-butylphthalate	ug/kg	<35.8	167	03/20/15 11:22	
Di-n-octylphthalate	ug/kg	<26.0	167	03/20/15 11:22	
Dibenz(a,h)anthracene	ug/kg	<24.6	167	03/20/15 11:22	
Dibenzofuran	ug/kg	<36.7	167	03/20/15 11:22	
Diethylphthalate	ug/kg	<33.1	167	03/20/15 11:22	
Dimethylphthalate	ug/kg	<31.9	167	03/20/15 11:22	
Fluoranthene	ug/kg	<36.8	167	03/20/15 11:22	
Fluorene	ug/kg	<30.8	167	03/20/15 11:22	
Hexachloro-1,3-butadiene	ug/kg	<26.6	167	03/20/15 11:22	
Hexachlorobenzene	ug/kg	<37.7	167	03/20/15 11:22	
Hexachlorocyclopentadiene	ug/kg	<17.2	167	03/20/15 11:22	
Hexachloroethane	ug/kg	<37.8	167	03/20/15 11:22	
Indeno(1,2,3-cd)pyrene	ug/kg	<37.7	167	03/20/15 11:22	
Isophorone	ug/kg	<31.0	167	03/20/15 11:22	
N-Nitroso-di-n-propylamine	ug/kg	<35.6	167	03/20/15 11:22	
N-Nitrosodiphenylamine	ug/kg	<127	333	03/20/15 11:22	
Naphthalene	ug/kg	<29.5	167	03/20/15 11:22	
Nitrobenzene	ug/kg	<40.8	167	03/20/15 11:22	
Pentachlorophenol	ug/kg	<22.5	167	03/20/15 11:22	
Phenanthere	ug/kg	<35.0	167	03/20/15 11:22	
Phenol	ug/kg	<52.5	167	03/20/15 11:22	
Pyrene	ug/kg	<46.8	167	03/20/15 11:22	
2,4,6-Tribromophenol (S)	%	71	30-130	03/20/15 11:22	
2-Fluorobiphenyl (S)	%	90	51-130	03/20/15 11:22	
2-Fluorophenol (S)	%	77	37-130	03/20/15 11:22	
Nitrobenzene-d5 (S)	%	77	45-130	03/20/15 11:22	
Phenol-d6 (S)	%	80	36-130	03/20/15 11:22	
Terphenyl-d14 (S)	%	82	37-134	03/20/15 11:22	

LABORATORY CONTROL SAMPLE: 1129865

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1670	1500	90	57-130	
1,2-Dichlorobenzene	ug/kg	1670	1520	91	52-130	
1,3-Dichlorobenzene	ug/kg	1670	1490	89	51-130	
1,4-Dichlorobenzene	ug/kg	1670	1580	95	51-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	1670	1490	89	42-130	
2,4,5-Trichlorophenol	ug/kg	1670	1680	101	61-130	
2,4,6-Trichlorophenol	ug/kg	1670	1670	100	65-130	
2,4-Dichlorophenol	ug/kg	1670	1340	81	61-130	
2,4-Dimethylphenol	ug/kg	1670	1590	95	54-130	
2,4-Dinitrophenol	ug/kg	1670	1200	72	22-130	
2,4-Dinitrotoluene	ug/kg	1670	1930	116	61-139	

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QUALITY CONTROL DATA

Project: LINDEY CLEANERS

Pace Project No.: 40111877

LABORATORY CONTROL SAMPLE: 1129865

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,6-Dinitrotoluene	ug/kg	1670	2000	120	63-142	
2-Chloronaphthalene	ug/kg	1670	1660	99	70-130	
2-Chlorophenol	ug/kg	1670	1500	90	51-130	
2-Methylnaphthalene	ug/kg	1670	1420	85	62-130	
2-Methylphenol(o-Cresol)	ug/kg	1670	1670	100	55-130	
2-Nitroaniline	ug/kg	1670	1760	106	51-136	
2-Nitrophenol	ug/kg	1670	1380	83	60-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	1530	92	55-130	
3,3'-Dichlorobenzidine	ug/kg	1670	1170	70	47-130	
3-Nitroaniline	ug/kg	1670	1430	86	53-132	
4,6-Dinitro-2-methylphenol	ug/kg	1670	1590	95	57-130	
4-Bromophenylphenyl ether	ug/kg	1670	1570	94	69-130	
4-Chloro-3-methylphenol	ug/kg	1670	1440	86	64-130	
4-Chloroaniline	ug/kg	1670	1490	89	57-130	
4-Chlorophenylphenyl ether	ug/kg	1670	1720	103	69-130	
4-Nitroaniline	ug/kg	1670	1490	90	46-142	
4-Nitrophenol	ug/kg	1670	1400	84	35-130	
Acenaphthene	ug/kg	1670	1780	107	66-130	
Acenaphthylene	ug/kg	1670	1800	108	69-130	
Anthracene	ug/kg	1670	1570	94	70-130	
Benzo(a)anthracene	ug/kg	1670	1560	94	70-130	
Benzo(a)pyrene	ug/kg	1670	1400	84	62-130	
Benzo(b)fluoranthene	ug/kg	1670	1340	81	59-130	
Benzo(g,h,i)perylene	ug/kg	1670	1060	64	48-130	
Benzo(k)fluoranthene	ug/kg	1670	1430	86	61-132	
bis(2-Chloroethoxy)methane	ug/kg	1670	1500	90	58-130	
bis(2-Chloroethyl) ether	ug/kg	1670	1540	92	44-130	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1480	89	57-137	
Butylbenzylphthalate	ug/kg	1670	1530	92	59-134	
Carbazole	ug/kg	1670	1390	83	62-130	
Chrysene	ug/kg	1670	1610	97	70-130	
Di-n-butylphthalate	ug/kg	1670	1470	88	59-130	
Di-n-octylphthalate	ug/kg	1670	1400	84	56-138	
Dibenz(a,h)anthracene	ug/kg	1670	280	17	10-130	
Dibenzofuran	ug/kg	1670	1690	102	70-130	
Diethylphthalate	ug/kg	1670	1680	101	63-130	
Dimethylphthalate	ug/kg	1670	1860	112	68-130	
Fluoranthene	ug/kg	1670	1560	94	56-130	
Fluorene	ug/kg	1670	1790	107	65-130	
Hexachloro-1,3-butadiene	ug/kg	1670	1450	87	58-130	
Hexachlorobenzene	ug/kg	1670	1410	84	66-130	
Hexachlorocyclopentadiene	ug/kg	1670	1630	98	31-130	
Hexachloroethane	ug/kg	1670	1460	87	51-130	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1140	69	37-130	
Isophorone	ug/kg	1670	1700	102	57-140	
N-Nitroso-di-n-propylamine	ug/kg	1670	1640	98	50-130	
N-Nitrosodiphenylamine	ug/kg	1670	1670	100	68-135	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: LINDEY CLEANERS
Pace Project No.: 40111877

LABORATORY CONTROL SAMPLE: 1129865

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/kg	1670	1560	94	64-130	
Nitrobenzene	ug/kg	1670	1540	92	48-134	
Pentachlorophenol	ug/kg	1670	1200	72	47-130	
Phenanthrene	ug/kg	1670	1600	96	70-130	
Phenol	ug/kg	1670	1710	103	52-130	
Pyrene	ug/kg	1670	1630	98	63-130	
2,4,6-Tribromophenol (S)	%			92	30-130	
2-Fluorobiphenyl (S)	%			99	51-130	
2-Fluorophenol (S)	%			90	37-130	
Nitrobenzene-d5 (S)	%			86	45-130	
Phenol-d6 (S)	%			92	36-130	
Terphenyl-d14 (S)	%			88	37-134	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1129866 1129867

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Max RPD	Max Qual
		40111563002	Result	Spike Conc.	Spike Conc.						
1,2,4-Trichlorobenzene	ug/kg	<1010	2020	2020	1380J	1640J	68	81	47-130	35	
1,2-Dichlorobenzene	ug/kg	<668	2020	2020	1280J	1760J	64	88	41-130	37	
1,3-Dichlorobenzene	ug/kg	<534	2020	2020	1360J	1710J	68	85	40-130	41	
1,4-Dichlorobenzene	ug/kg	<606	2020	2020	1420J	1820J	71	91	40-130	38	
2,2'-Oxybis(1-chloropropane)	ug/kg	<698	2020	2020	1230J	1730J	61	86	26-130	35	
2,4,5-Trichlorophenol	ug/kg	<856	2020	2020	1290J	1150J	64	57	23-132	26	
2,4,6-Trichlorophenol	ug/kg	<1020	2020	2020	1370J	1470J	68	73	27-130	23	
2,4-Dichlorophenol	ug/kg	<671	2020	2020	1120J	1180J	56	58	33-130	28	
2,4-Dimethylphenol	ug/kg	<771	2020	2020	1560J	1830J	77	91	15-135	33	
2,4-Dinitrophenol	ug/kg	<1630	2020	2020	<1630	<1630	0	0	10-130	50 M6	
2,4-Dinitrotoluene	ug/kg	<1240	2020	2020	1520J	1560J	76	78	25-139	33	
2,6-Dinitrotoluene	ug/kg	<438	2020	2020	1600J	1800J	80	89	25-142	28	
2-Chloronaphthalene	ug/kg	<734	2020	2020	1650J	1660J	82	83	46-130	20	
2-Chlorophenol	ug/kg	<726	2020	2020	1170J	1560J	58	77	37-130	34	
2-Methylnaphthalene	ug/kg	<747	2020	2020	1890J	1980J	63	67	49-130	33	
2-Methylphenol(o-Cresol)	ug/kg	<764	2020	2020	1460J	1830J	72	91	32-130	27	
2-Nitroaniline	ug/kg	<757	2020	2020	1180J	1140J	59	56	20-136	23	
2-Nitrophenol	ug/kg	<787	2020	2020	988J	1240J	49	62	25-130	24	
3&4-Methylphenol(m&p Cresol)	ug/kg	<589	2020	2020	1110J	1530J	55	76	25-130	26	
3,3'-Dichlorobenzidine	ug/kg	<498	2020	2020	1120J	1080J	56	54	10-141	50	
3-Nitroaniline	ug/kg	<1110	2020	2020	<1110	<1110	35	34	10-134	27	
4,6-Dinitro-2-methylphenol	ug/kg	<423	2020	2020	<423	<423	0	0	10-130	49 M6	
4-Bromophenylphenyl ether	ug/kg	<848	2020	2020	1480J	1900J	74	94	44-130	28	
4-Chloro-3-methylphenol	ug/kg	<781	2020	2020	1240J	1500J	61	75	29-130	35	
4-Chloroaniline	ug/kg	<500	2020	2020	1120J	1360J	56	67	10-136	36	
4-Chlorophenylphenyl ether	ug/kg	<842	2020	2020	1740J	1700J	86	85	45-130	30	
4-Nitroaniline	ug/kg	<1060	2020	2020	<1060	<1060	0	0	10-142	33 M6	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: LINDEY CLEANERS

Pace Project No.: 40111877

Parameter	Units	40111563002		1129866		MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	% Rec								
4-Nitrophenol	ug/kg	<1080	2020	2020	<1080	<1080	0	0	0	10-130	50	M6			
Acenaphthene	ug/kg	1030J	2020	2020	2920J	2370J	94	67	43-130		23				
Acenaphthylene	ug/kg	<899	2020	2020	1900J	1890J	95	94	44-130		24				
Anthracene	ug/kg	1620J	2020	2020	4150	1950J	126	16	42-130		32	M6			
Benzo(a)anthracene	ug/kg	4960	2020	2020	7420	3080J	122	-94	33-130		35	M6			
Benzo(a)pyrene	ug/kg	3520J	2020	2020	5260	2240J	87	-64	25-130		38	M6			
Benzo(b)fluoranthene	ug/kg	3060J	2020	2020	5210	2280J	107	-39	36-130		38	M6			
Benzo(g,h,i)perylene	ug/kg	1900J	2020	2020	3050J	1580J	57	-16	18-130		40	M6			
Benzo(k)fluoranthene	ug/kg	3090J	2020	2020	5780	2380J	134	-35	22-133		50	M6			
bis(2-Chloroethoxy)methane	ug/kg	<713	2020	2020	1460J	1610J	73	80	32-131		24				
bis(2-Chloroethyl) ether	ug/kg	<785	2020	2020	1420J	1760J	71	87	25-130		35				
bis(2-Ethylhexyl)phthalate	ug/kg	<509	2020	2020	1180J	1550J	59	77	13-166		37				
Butylbenzylphthalate	ug/kg	<756	2020	2020	1340J	1590J	67	79	19-153		43				
Carbazole	ug/kg	<868	2020	2020	1830J	1540J	91	76	32-130		34				
Chrysene	ug/kg	5340	2020	2020	7150	2640J	90	-134	20-138		50	M6			
Di-n-butylphthalate	ug/kg	<865	2020	2020	1420J	1550J	71	77	39-130		33				
Di-n-octylphthalate	ug/kg	<627	2020	2020	<627	<627	0	0	0	21-154	35	M6			
Dibenz(a,h)anthracene	ug/kg	603J	2020	2020	867J	824J	13	11	10-130		41				
Dibenzofuran	ug/kg	1300J	2020	2020	3250J	2360J	97	53	44-130		24				
Diethylphthalate	ug/kg	<798	2020	2020	1800J	1830J	90	91	42-130		29				
Dimethylphthalate	ug/kg	<771	2020	2020	2100J	1920J	104	95	45-130		25				
Fluoranthene	ug/kg	8810	2020	2020	14200	4110	270	-233	36-130	110	46	M6,R1			
Fluorene	ug/kg	2090J	2020	2020	4080	2430J	99	17	41-130		29	M6			
Hexachloro-1,3-butadiene	ug/kg	<643	2020	2020	1370J	1940J	68	96	41-130		34				
Hexachlorobenzene	ug/kg	<909	2020	2020	1330J	1750J	66	87	42-130		28				
Hexachlorocyclopentadiene	ug/kg	<417	2020	2020	501J	519J	25	26	10-130		35				
Hexachloroethane	ug/kg	<912	2020	2020	1140J	1630J	57	81	27-130		40				
Indeno(1,2,3-cd)pyrene	ug/kg	1930J	2020	2020	3130J	2010J	60	4	10-130		44	M6			
Isophorone	ug/kg	<749	2020	2020	1510J	2060J	75	102	29-140		22				
N-Nitroso-di-n-propylamine	ug/kg	<860	2020	2020	1370J	1640J	68	82	28-130		21				
N-Nitrosodiphenylamine	ug/kg	<3060	2020	2020	<3060	<3060	76	85	39-142		32				
Naphthalene	ug/kg	763J	2020	2020	2280J	2840J	75	103	45-130		35				
Nitrobenzene	ug/kg	<984	2020	2020	1380J	1560J	69	78	23-134		26				
Pentachlorophenol	ug/kg	<544	2020	2020	<544	<544	0	0	10-130		48	M6			
Phenanthrene	ug/kg	8500	2020	2020	12000	4510	176	-198	39-130	91	41	M6,R1			
Phenol	ug/kg	<1270	2020	2020	<1270	1580J	63	79	32-130		38				
Pyrene	ug/kg	7370	2020	2020	11300	3950J	197	-170	15-146		50	M6			
2,4,6-Tribromophenol (S)	%						0	0	30-130		S4				
2-Fluorobiphenyl (S)	%						0	0	51-130		S4				
2-Fluorophenol (S)	%						0	0	37-130		S4				
Nitrobenzene-d5 (S)	%						0	0	45-130		S4				
Phenol-d6 (S)	%						0	0	36-130		S4				
Terphenyl-d14 (S)	%						0	0	37-134		S4				

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QUALITY CONTROL DATA

Project: LINDEY CLEANERS

Pace Project No.: 40111877

QC Batch:	PMST/10987	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	40111877001, 40111877002		

SAMPLE DUPLICATE: 1131047

Parameter	Units	40112040008	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	12.3	12.4	0	10	

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QUALIFIERS

Project: LINDEY CLEANERS
Pace Project No.: 40111877

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above LOD.
J - Estimated concentration at or above the LOD and below the LOQ.
LOD - Limit of Detection adjusted for dilution factor and percent moisture.
LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

BATCH QUALIFIERS

Batch: MSV/27813

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
M6 Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.
R1 RPD value was outside control limits.
S4 Surrogate recovery not evaluated against control limits due to sample dilution.
W Non-detect results are reported on a wet weight basis.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: LINDEY CLEANERS
 Pace Project No.: 40111877

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40111877001	1	EPA 3546	OEXT/26048	EPA 8270	MSSV/7725
40111877001	1	EPA 5035/5030B	MSV/27811	EPA 8260	MSV/27813
40111877002	2	EPA 5035/5030B	MSV/27811	EPA 8260	MSV/27813
40111877001	1	ASTM D2974-87	PMST/10987		
40111877002	2	ASTM D2974-87	PMST/10987		

REPORT OF LABORATORY ANALYSIS

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REW

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

40111877

Section A Required Client Information: Company: Sand Creek Consultants, Inc. Address: 108 E. Davenport St Rhinelander, WI 54501 Email To: crog@sand-creekc.com Phone: 715.365.1828 Fax: _____ Requested Due Date/TAT: RUSH		Section B Required Project Information: Report To: Christopher Rog Copy To: _____ Purchase Order No.: _____ Project Name: Lindey Cleaners Project Number: _____		Section C Invoice Information: Attention: Christopher Rog Company Name: Sand Creek Consultants, Inc. Pace Quote Reference: _____ Pace Project Manager: _____ Pace Profile #: _____		Page: 1 of 1
						REGULATORY AGENCY <input type="checkbox"/> NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER

ITEM #	SAMPLE ID (A-Z, 0-9 / , -) Sample IDs MUST BE UNIQUE	COLLECTED								Requested Analysis Filtered (Y/N)															
		COMPOSITE START				COMPOSITE END/GRAB				SAMPLE TEMP AT COLLECTION		# OF CONTAINERS		Preservatives		Y/N		Analysis Test		Y/N		Residual Chlorine (Y/N)		Pace Project No./ Lab I.D.	
		MATRIX CODE MATRIX / CODE (see valid codes below)	SAMPLE TYPE (G=GRAB C=COMP)	DATE	TIME	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N
1 C01 1	SL G	3/17/15	2 PM						1								1 1								
2 C02 2	SL G	3/17/15	2 PM						1								1								
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
ADDITIONAL COMMENTS		RELINQUISHED BY/AFFILIATION		DATE	TIME	ACCEPTED BY/AFFILIATION		DATE	TIME	SAMPLE CONDITIONS															
Dunham Exp.		Christopher Rog		3/19/15	0830	Katheryn Wenzel		3/19/15	0830	R01	Y	N	Y												

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Christopher Rog

SIGNATURE of SAMPLER: (Signature)

DATE Signed (MM/DD/YY): 3/18/15

Temp in °C	Received on Ice (Y/N)
	Custody Sealed Cooler (Y/N)
	Samples intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

 A-1-100 mLs
 ↓ ↓

Sample Condition Upon Receipt

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Pace Analytical™

Client Name: Sand Creek Consultants

Project #

WO# : **40111877**

Courier: FedEx UPS Client Pace Other: Dunham
Tracking #: 955373



40111877

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used

N/A

Type of Ice: Wet Blue Dry None

Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 401 /Corr:

Biological Tissue is Frozen: yes

no

Person examining contents:

Date: 3-19-15

Initials: KRW

Temp Blank Present: yes no

Temp should be above freezing to 6°C for all sample except Biota.

Frozen Biota Samples should be received ≤ 0°C.

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.		
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.		
Chain of Custody Relinquished:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3.		
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.		
Samples Arrived within Hold Time: - VOA Samples frozen upon receipt	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.		
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.		
Rush Turn Around Time Requested:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.		
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.		
Correct Containers Used: -Pace Containers Used: -Pace IR Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.		
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.		
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	11.		
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12.	<i>No collection info on labels</i> <i>KW 3-19-15</i>	
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	13.	<input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> NaOH +ZnAct	
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO ₃ , H ₂ SO ₄ ≤2; NaOH+ZnAct ≥9, NaOH ≥12) exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.		
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.		
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
Pace Trip Blank Lot # (if purchased):			Initial when completed	Lab Std #/ID of preservative
Client Notification/ Resolution:	If checked, see attached form for additional comments <input type="checkbox"/>			
Person Contacted:	Date/Time:			
Comments/ Resolution:				

Project Manager Review:

JJ for DM

Date: 3-19-15