

Reuse Soil Characterization  
Analytical Sampling Data

*(Provided on DVD in Bound Report)*



## ANALYTICAL REPORT

Lab Number:	L1524605
Client:	Roux Associates, Inc. 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Rich Maxwell
Phone:	(631) 232-2600
Project Name:	PARAGON PAINT AND VARNISH SITE
Project Number:	2051.0001Y000
Report Date:	10/05/15

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Eight Walkup Drive, Westborough, MA 01581-1019  
508-898-9220 (Fax) 508-898-9193 800-624-9220 - [www.alphalab.com](http://www.alphalab.com)



**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1524605-01	FB093015	WATER	5-49 6TH AVENUE, LONG ISLAND CITY, NY	09/30/15 12:01	09/30/15
L1524605-02	TB093015	WATER	5-49 6TH AVENUE, LONG ISLAND CITY, NY	09/30/15 00:00	09/30/15
L1524605-03	SC-02/2-3	SOIL	5-49 6TH AVENUE, LONG ISLAND CITY, NY	09/30/15 15:00	09/30/15
L1524605-04	SC-02/3-5	SOIL	5-49 6TH AVENUE, LONG ISLAND CITY, NY	09/30/15 15:05	09/30/15
L1524605-05	PD-07/2-4	SOIL	5-49 6TH AVENUE, LONG ISLAND CITY, NY	09/30/15 11:30	09/30/15
L1524605-06	SC-03/2-3	SOIL	5-49 6TH AVENUE, LONG ISLAND CITY, NY	09/30/15 15:43	09/30/15
L1524605-07	SC-02/2-5	SOIL	5-49 6TH AVENUE, LONG ISLAND CITY, NY	09/30/15 15:30	09/30/15
L1524605-08	SC-03/2-5	SOIL	5-49 6TH AVENUE, LONG ISLAND CITY, NY	09/30/15 15:35	09/30/15
L1524605-09	SC-03/3-5	SOIL	5-49 6TH AVENUE, LONG ISLAND CITY, NY	09/30/15 15:47	09/30/15
L1524605-10	PD-08/12-14	SOIL	5-49 6TH AVENUE, LONG ISLAND CITY, NY	09/30/15 14:00	09/30/15
L1524605-11	SC-01/2-3	SOIL	5-49 6TH AVENUE, LONG ISLAND CITY, NY	09/30/15 14:45	09/30/15
L1524605-12	PD-05/4-6	SOIL	5-49 6TH AVENUE, LONG ISLAND CITY, NY	09/30/15 14:30	09/30/15
L1524605-13	PD-07/8-10	SOIL	5-49 6TH AVENUE, LONG ISLAND CITY, NY	09/30/15 11:32	09/30/15
L1524605-14	SC-01/3-5	SOIL	5-49 6TH AVENUE, LONG ISLAND CITY, NY	09/30/15 14:50	09/30/15

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
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### Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

#### HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

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**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

### Case Narrative (continued)

#### Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

#### Volatile Organics

L1524605-05 and -10 through -13: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

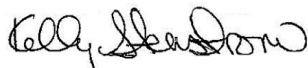
The surrogate recovery for L1524605-14 is below the acceptance criteria for dibromofluoromethane (24%), due to a known matrix effect caused by the high pH of the sample (>10).

#### Metals

L1524605-07 and -08: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 10/05/15

# ORGANICS

# VOLATILES

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

**Lab ID:** L1524605-01  
**Client ID:** FB093015  
**Sample Location:** 5-49 6TH AVENUE, LONG ISLAND CITY, NY  
**Matrix:** Water  
**Analytical Method:** 1,8260C  
**Analytical Date:** 10/04/15 09:10  
**Analyst:** PD

**Date Collected:** 09/30/15 12:01  
**Date Received:** 09/30/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1



**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

**Lab ID:** L1524605-01  
**Client ID:** FB093015  
**Sample Location:** 5-49 6TH AVENUE, LONG ISLAND CITY, NY

**Date Collected:** 09/30/15 12:01  
**Date Received:** 09/30/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	94		70-130

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

**Lab ID:** L1524605-02  
**Client ID:** TB093015  
**Sample Location:** 5-49 6TH AVENUE, LONG ISLAND CITY, NY  
**Matrix:** Water  
**Analytical Method:** 1,8260C  
**Analytical Date:** 10/04/15 09:39  
**Analyst:** PD

**Date Collected:** 09/30/15 00:00  
**Date Received:** 09/30/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

**Project Name:** PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524605**Project Number:** 2051.0001Y000**Report Date:** 10/05/15**SAMPLE RESULTS**

Lab ID: L1524605-02

Date Collected: 09/30/15 00:00

Client ID: TB093015

Date Received: 09/30/15

Sample Location: 5-49 6TH AVENUE, LONG ISLAND CITY, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.4	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	94		70-130

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

**Lab ID:** L1524605-03  
**Client ID:** SC-02/2-3  
**Sample Location:** 5-49 6TH AVENUE, LONG ISLAND CITY, NY  
**Matrix:** Soil  
**Analytical Method:** 1,8260C  
**Analytical Date:** 10/02/15 16:15  
**Analyst:** BN  
**Percent Solids:** 88%

**Date Collected:** 09/30/15 15:00  
**Date Received:** 09/30/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	13	1.4	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.11	1
Chloroform	ND		ug/kg	2.0	0.49	1
Carbon tetrachloride	ND		ug/kg	1.3	0.28	1
1,2-Dichloropropane	ND		ug/kg	4.6	0.30	1
Dibromochloromethane	ND		ug/kg	1.3	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.40	1
Tetrachloroethene	ND		ug/kg	1.3	0.18	1
Chlorobenzene	ND		ug/kg	1.3	0.46	1
Trichlorofluoromethane	ND		ug/kg	6.6	0.51	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.15	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.15	1
Bromodichloromethane	ND		ug/kg	1.3	0.23	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
Bromoform	ND		ug/kg	5.3	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.13	1
Benzene	ND		ug/kg	1.3	0.16	1
Toluene	ND		ug/kg	2.0	0.26	1
Ethylbenzene	ND		ug/kg	1.3	0.17	1
Chloromethane	ND		ug/kg	6.6	0.39	1
Bromomethane	ND		ug/kg	2.6	0.44	1
Vinyl chloride	ND		ug/kg	2.6	0.15	1
Chloroethane	ND		ug/kg	2.6	0.42	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.28	1
Trichloroethene	ND		ug/kg	1.3	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	6.6	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	6.6	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	6.6	0.18	1

**Project Name:** PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524605**Project Number:** 2051.0001Y000**Report Date:** 10/05/15**SAMPLE RESULTS**

Lab ID: L1524605-03

Date Collected: 09/30/15 15:00

Client ID: SC-02/2-3

Date Received: 09/30/15

Sample Location: 5-49 6TH AVENUE, LONG ISLAND CITY, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/kg	2.6	0.11	1
p/m-Xylene	ND		ug/kg	2.6	0.26	1
o-Xylene	ND		ug/kg	2.6	0.23	1
Xylenes, Total	ND		ug/kg	2.6	0.23	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.19	1
Styrene	ND		ug/kg	2.6	0.53	1
Dichlorodifluoromethane	ND		ug/kg	13	0.25	1
Acetone	17		ug/kg	13	1.4	1
Carbon disulfide	ND		ug/kg	13	1.4	1
2-Butanone	ND		ug/kg	13	0.36	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.32	1
2-Hexanone	ND		ug/kg	13	0.88	1
Bromochloromethane	ND		ug/kg	6.6	0.36	1
1,2-Dibromoethane	ND		ug/kg	5.3	0.23	1
sec-Butylbenzene	ND		ug/kg	1.3	0.16	1
tert-Butylbenzene	ND		ug/kg	6.6	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.6	0.52	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
n-Propylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.6	0.19	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.6	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.6	0.19	1
1,4-Dioxane	ND		ug/kg	130	19.	1
Freon-113	ND		ug/kg	26	0.36	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	76		70-130

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

Lab ID: L1524605-04  
 Client ID: SC-02/3-5  
 Sample Location: 5-49 6TH AVENUE, LONG ISLAND CITY, NY  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 10/02/15 16:06  
 Analyst: BN  
 Percent Solids: 82%

Date Collected: 09/30/15 15:05  
 Date Received: 09/30/15  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	880	97.	1
1,1-Dichloroethane	ND		ug/kg	130	7.5	1
Chloroform	ND		ug/kg	130	32.	1
Carbon tetrachloride	ND		ug/kg	88	18.	1
1,2-Dichloropropane	ND		ug/kg	310	20.	1
Dibromochloromethane	ND		ug/kg	88	13.	1
1,1,2-Trichloroethane	ND		ug/kg	130	27.	1
Tetrachloroethene	ND		ug/kg	88	12.	1
Chlorobenzene	ND		ug/kg	88	30.	1
Trichlorofluoromethane	ND		ug/kg	440	34.	1
1,2-Dichloroethane	ND		ug/kg	88	9.9	1
1,1,1-Trichloroethane	ND		ug/kg	88	9.7	1
Bromodichloromethane	ND		ug/kg	88	15.	1
trans-1,3-Dichloropropene	ND		ug/kg	88	10.	1
cis-1,3-Dichloropropene	ND		ug/kg	88	10.	1
Bromoform	ND		ug/kg	350	21.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	88	8.8	1
Benzene	ND		ug/kg	88	10.	1
Toluene	ND		ug/kg	130	17.	1
Ethylbenzene	ND		ug/kg	88	11.	1
Chloromethane	ND		ug/kg	440	26.	1
Bromomethane	ND		ug/kg	180	30.	1
Vinyl chloride	ND		ug/kg	180	10.	1
Chloroethane	ND		ug/kg	180	28.	1
1,1-Dichloroethene	ND		ug/kg	88	23.	1
trans-1,2-Dichloroethene	ND		ug/kg	130	18.	1
Trichloroethene	ND		ug/kg	88	11.	1
1,2-Dichlorobenzene	ND		ug/kg	440	13.	1
1,3-Dichlorobenzene	ND		ug/kg	440	12.	1
1,4-Dichlorobenzene	ND		ug/kg	440	12.	1

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

**Lab ID:** L1524605-04  
**Client ID:** SC-02/3-5  
**Sample Location:** 5-49 6TH AVENUE, LONG ISLAND CITY, NY

**Date Collected:** 09/30/15 15:05  
**Date Received:** 09/30/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/kg	180	7.4	1
p/m-Xylene	ND		ug/kg	180	17.	1
o-Xylene	ND		ug/kg	180	15.	1
Xylenes, Total	ND		ug/kg	180	15.	1
cis-1,2-Dichloroethene	ND		ug/kg	88	12.	1
Styrene	ND		ug/kg	180	35.	1
Dichlorodifluoromethane	ND		ug/kg	880	17.	1
Acetone	2000		ug/kg	880	91.	1
Carbon disulfide	ND		ug/kg	880	97.	1
2-Butanone	ND		ug/kg	880	24.	1
4-Methyl-2-pentanone	ND		ug/kg	880	21.	1
2-Hexanone	ND		ug/kg	880	58.	1
Bromochloromethane	ND		ug/kg	440	24.	1
1,2-Dibromoethane	ND		ug/kg	350	15.	1
sec-Butylbenzene	ND		ug/kg	88	11.	1
tert-Butylbenzene	ND		ug/kg	440	12.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	440	35.	1
Isopropylbenzene	ND		ug/kg	88	9.1	1
n-Propylbenzene	ND		ug/kg	88	9.6	1
1,2,3-Trichlorobenzene	ND		ug/kg	440	13.	1
1,2,4-Trichlorobenzene	ND		ug/kg	440	16.	1
1,3,5-Trimethylbenzene	29	J	ug/kg	440	12.	1
1,4-Dioxane	ND		ug/kg	8800	1300	1
Freon-113	ND		ug/kg	1800	24.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	107		70-130

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

Lab ID: L1524605-05 D  
 Client ID: PD-07/2-4  
 Sample Location: 5-49 6TH AVENUE, LONG ISLAND CITY, NY  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 10/02/15 16:32  
 Analyst: BN  
 Percent Solids: 83%

Date Collected: 09/30/15 11:30  
 Date Received: 09/30/15  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	29000	3200	40
1,1-Dichloroethane	ND		ug/kg	4400	250	40
Chloroform	ND		ug/kg	4400	1100	40
Carbon tetrachloride	ND		ug/kg	2900	610	40
1,2-Dichloropropane	ND		ug/kg	10000	660	40
Dibromochloromethane	ND		ug/kg	2900	450	40
1,1,2-Trichloroethane	ND		ug/kg	4400	880	40
Tetrachloroethene	ND		ug/kg	2900	410	40
Chlorobenzene	ND		ug/kg	2900	1000	40
Trichlorofluoromethane	ND		ug/kg	14000	1100	40
1,2-Dichloroethane	ND		ug/kg	2900	330	40
1,1,1-Trichloroethane	ND		ug/kg	2900	320	40
Bromodichloromethane	ND		ug/kg	2900	500	40
trans-1,3-Dichloropropene	ND		ug/kg	2900	350	40
cis-1,3-Dichloropropene	ND		ug/kg	2900	340	40
Bromoform	ND		ug/kg	12000	690	40
1,1,2,2-Tetrachloroethane	ND		ug/kg	2900	290	40
Benzene	ND		ug/kg	2900	340	40
Toluene	ND		ug/kg	4400	570	40
Ethylbenzene	ND		ug/kg	2900	370	40
Chloromethane	ND		ug/kg	14000	860	40
Bromomethane	ND		ug/kg	5800	980	40
Vinyl chloride	ND		ug/kg	5800	340	40
Chloroethane	ND		ug/kg	5800	920	40
1,1-Dichloroethene	ND		ug/kg	2900	760	40
trans-1,2-Dichloroethene	ND		ug/kg	4400	620	40
Trichloroethene	ND		ug/kg	2900	360	40
1,2-Dichlorobenzene	ND		ug/kg	14000	450	40
1,3-Dichlorobenzene	ND		ug/kg	14000	390	40
1,4-Dichlorobenzene	ND		ug/kg	14000	400	40



**Project Name:** PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524605**Project Number:** 2051.0001Y000**Report Date:** 10/05/15**SAMPLE RESULTS**

Lab ID: L1524605-05 D

Date Collected: 09/30/15 11:30

Client ID: PD-07/2-4

Date Received: 09/30/15

Sample Location: 5-49 6TH AVENUE, LONG ISLAND CITY, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/kg	5800	240	40
p/m-Xylene	7300		ug/kg	5800	580	40
o-Xylene	7700		ug/kg	5800	500	40
Xylenes, Total	15000		ug/kg	5800	500	40
cis-1,2-Dichloroethene	ND		ug/kg	2900	420	40
Styrene	ND		ug/kg	5800	1200	40
Dichlorodifluoromethane	ND		ug/kg	29000	560	40
Acetone	ND		ug/kg	29000	3000	40
Carbon disulfide	ND		ug/kg	29000	3200	40
2-Butanone	ND		ug/kg	29000	790	40
4-Methyl-2-pentanone	ND		ug/kg	29000	710	40
2-Hexanone	ND		ug/kg	29000	1900	40
Bromochloromethane	ND		ug/kg	14000	800	40
1,2-Dibromoethane	ND		ug/kg	12000	510	40
sec-Butylbenzene	1600	J	ug/kg	2900	360	40
tert-Butylbenzene	2300	J	ug/kg	14000	390	40
1,2-Dibromo-3-chloropropane	ND		ug/kg	14000	1200	40
Isopropylbenzene	ND		ug/kg	2900	300	40
n-Propylbenzene	ND		ug/kg	2900	320	40
1,2,3-Trichlorobenzene	ND		ug/kg	14000	430	40
1,2,4-Trichlorobenzene	ND		ug/kg	14000	530	40
1,3,5-Trimethylbenzene	140000		ug/kg	14000	420	40
1,4-Dioxane	ND		ug/kg	290000	42000	40
Freon-113	ND		ug/kg	58000	800	40

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	107		70-130

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

**Lab ID:** L1524605-06  
**Client ID:** SC-03/2-3  
**Sample Location:** 5-49 6TH AVENUE, LONG ISLAND CITY, NY  
**Matrix:** Soil  
**Analytical Method:** 1,8260C  
**Analytical Date:** 10/02/15 16:58  
**Analyst:** BN  
**Percent Solids:** 82%

**Date Collected:** 09/30/15 15:43  
**Date Received:** 09/30/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	560	62.	1
1,1-Dichloroethane	ND		ug/kg	84	4.8	1
Chloroform	ND		ug/kg	84	21.	1
Carbon tetrachloride	ND		ug/kg	56	12.	1
1,2-Dichloropropane	ND		ug/kg	200	13.	1
Dibromochloromethane	ND		ug/kg	56	8.6	1
1,1,2-Trichloroethane	ND		ug/kg	84	17.	1
Tetrachloroethene	ND		ug/kg	56	7.9	1
Chlorobenzene	ND		ug/kg	56	20.	1
Trichlorofluoromethane	ND		ug/kg	280	22.	1
1,2-Dichloroethane	ND		ug/kg	56	6.4	1
1,1,1-Trichloroethane	ND		ug/kg	56	6.2	1
Bromodichloromethane	ND		ug/kg	56	9.7	1
trans-1,3-Dichloropropene	ND		ug/kg	56	6.8	1
cis-1,3-Dichloropropene	ND		ug/kg	56	6.6	1
Bromoform	ND		ug/kg	220	13.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	56	5.6	1
Benzene	12	J	ug/kg	56	6.6	1
Toluene	220		ug/kg	84	11.	1
Ethylbenzene	120		ug/kg	56	7.1	1
Chloromethane	ND		ug/kg	280	16.	1
Bromomethane	ND		ug/kg	110	19.	1
Vinyl chloride	ND		ug/kg	110	6.6	1
Chloroethane	ND		ug/kg	110	18.	1
1,1-Dichloroethene	ND		ug/kg	56	15.	1
trans-1,2-Dichloroethene	ND		ug/kg	84	12.	1
Trichloroethene	ND		ug/kg	56	7.0	1
1,2-Dichlorobenzene	ND		ug/kg	280	8.6	1
1,3-Dichlorobenzene	ND		ug/kg	280	7.6	1
1,4-Dichlorobenzene	ND		ug/kg	280	7.8	1

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

**Lab ID:** L1524605-06  
**Client ID:** SC-03/2-3  
**Sample Location:** 5-49 6TH AVENUE, LONG ISLAND CITY, NY

**Date Collected:** 09/30/15 15:43  
**Date Received:** 09/30/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/kg	110	4.7	1
p/m-Xylene	1000		ug/kg	110	11.	1
o-Xylene	280		ug/kg	110	9.6	1
Xylenes, Total	1300		ug/kg	110	9.6	1
cis-1,2-Dichloroethene	ND		ug/kg	56	8.0	1
Styrene	ND		ug/kg	110	22.	1
Dichlorodifluoromethane	ND		ug/kg	560	11.	1
Acetone	240	J	ug/kg	560	58.	1
Carbon disulfide	ND		ug/kg	560	62.	1
2-Butanone	ND		ug/kg	560	15.	1
4-Methyl-2-pentanone	ND		ug/kg	560	14.	1
2-Hexanone	ND		ug/kg	560	37.	1
Bromochloromethane	ND		ug/kg	280	15.	1
1,2-Dibromoethane	ND		ug/kg	220	9.8	1
sec-Butylbenzene	21	J	ug/kg	56	6.8	1
tert-Butylbenzene	ND		ug/kg	280	7.6	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	280	22.	1
Isopropylbenzene	24	J	ug/kg	56	5.8	1
n-Propylbenzene	210		ug/kg	56	6.1	1
1,2,3-Trichlorobenzene	ND		ug/kg	280	8.3	1
1,2,4-Trichlorobenzene	ND		ug/kg	280	10.	1
1,3,5-Trimethylbenzene	180	J	ug/kg	280	8.0	1
1,4-Dioxane	ND		ug/kg	5600	810	1
Freon-113	ND		ug/kg	1100	15.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	104		70-130

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

Lab ID: L1524605-09  
 Client ID: SC-03/3-5  
 Sample Location: 5-49 6TH AVENUE, LONG ISLAND CITY, NY  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 10/02/15 16:42  
 Analyst: BN  
 Percent Solids: 83%

Date Collected: 09/30/15 15:47  
 Date Received: 09/30/15  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	14	1.5	1
1,1-Dichloroethane	ND		ug/kg	2.1	0.12	1
Chloroform	ND		ug/kg	2.1	0.51	1
Carbon tetrachloride	ND		ug/kg	1.4	0.29	1
1,2-Dichloropropane	ND		ug/kg	4.8	0.31	1
Dibromochloromethane	ND		ug/kg	1.4	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	0.42	1
Tetrachloroethene	ND		ug/kg	1.4	0.19	1
Chlorobenzene	ND		ug/kg	1.4	0.48	1
Trichlorofluoromethane	ND		ug/kg	6.9	0.53	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.15	1
Bromodichloromethane	ND		ug/kg	1.4	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
Bromoform	ND		ug/kg	5.5	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.14	1
Benzene	ND		ug/kg	1.4	0.16	1
Toluene	ND		ug/kg	2.1	0.27	1
Ethylbenzene	ND		ug/kg	1.4	0.18	1
Chloromethane	ND		ug/kg	6.9	0.40	1
Bromomethane	ND		ug/kg	2.7	0.46	1
Vinyl chloride	ND		ug/kg	2.7	0.16	1
Chloroethane	ND		ug/kg	2.7	0.43	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.29	1
Trichloroethene	ND		ug/kg	1.4	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	6.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	6.9	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	6.9	0.19	1

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

**Lab ID:** L1524605-09  
**Client ID:** SC-03/3-5  
**Sample Location:** 5-49 6TH AVENUE, LONG ISLAND CITY, NY

**Date Collected:** 09/30/15 15:47  
**Date Received:** 09/30/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/kg	2.7	0.12	1
p/m-Xylene	0.77	J	ug/kg	2.7	0.27	1
o-Xylene	ND		ug/kg	2.7	0.24	1
Xylenes, Total	0.77	J	ug/kg	2.7	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.20	1
Styrene	ND		ug/kg	2.7	0.55	1
Dichlorodifluoromethane	ND		ug/kg	14	0.26	1
Acetone	ND		ug/kg	14	1.4	1
Carbon disulfide	ND		ug/kg	14	1.5	1
2-Butanone	ND		ug/kg	14	0.37	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.34	1
2-Hexanone	ND		ug/kg	14	0.92	1
Bromochloromethane	ND		ug/kg	6.9	0.38	1
1,2-Dibromoethane	ND		ug/kg	5.5	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.17	1
tert-Butylbenzene	ND		ug/kg	6.9	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.9	0.54	1
Isopropylbenzene	ND		ug/kg	1.4	0.14	1
n-Propylbenzene	ND		ug/kg	1.4	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.9	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.9	0.25	1
1,3,5-Trimethylbenzene	0.33	J	ug/kg	6.9	0.20	1
1,4-Dioxane	ND		ug/kg	140	20.	1
Freon-113	ND		ug/kg	27	0.38	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	105		70-130

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

Lab ID: L1524605-10 D  
 Client ID: PD-08/12-14  
 Sample Location: 5-49 6TH AVENUE, LONG ISLAND CITY, NY  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 10/02/15 17:24  
 Analyst: BN  
 Percent Solids: 78%

Date Collected: 09/30/15 14:00  
 Date Received: 09/30/15  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	7600	840	10
1,1-Dichloroethane	ND		ug/kg	1100	65.	10
Chloroform	ND		ug/kg	1100	280	10
Carbon tetrachloride	ND		ug/kg	760	160	10
1,2-Dichloropropane	ND		ug/kg	2700	170	10
Dibromochloromethane	ND		ug/kg	760	120	10
1,1,2-Trichloroethane	ND		ug/kg	1100	230	10
Tetrachloroethene	ND		ug/kg	760	110	10
Chlorobenzene	ND		ug/kg	760	260	10
Trichlorofluoromethane	ND		ug/kg	3800	300	10
1,2-Dichloroethane	ND		ug/kg	760	86.	10
1,1,1-Trichloroethane	ND		ug/kg	760	84.	10
Bromodichloromethane	ND		ug/kg	760	130	10
trans-1,3-Dichloropropene	ND		ug/kg	760	92.	10
cis-1,3-Dichloropropene	ND		ug/kg	760	89.	10
Bromoform	ND		ug/kg	3000	180	10
1,1,2,2-Tetrachloroethane	ND		ug/kg	760	77.	10
Benzene	ND		ug/kg	760	90.	10
Toluene	ND		ug/kg	1100	150	10
Ethylbenzene	350	J	ug/kg	760	97.	10
Chloromethane	ND		ug/kg	3800	220	10
Bromomethane	ND		ug/kg	1500	260	10
Vinyl chloride	ND		ug/kg	1500	89.	10
Chloroethane	ND		ug/kg	1500	240	10
1,1-Dichloroethene	ND		ug/kg	760	200	10
trans-1,2-Dichloroethene	ND		ug/kg	1100	160	10
Trichloroethene	ND		ug/kg	760	95.	10
1,2-Dichlorobenzene	ND		ug/kg	3800	120	10
1,3-Dichlorobenzene	ND		ug/kg	3800	100	10
1,4-Dichlorobenzene	ND		ug/kg	3800	100	10

**Project Name:** PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524605**Project Number:** 2051.0001Y000**Report Date:** 10/05/15**SAMPLE RESULTS**

Lab ID: L1524605-10 D

Date Collected: 09/30/15 14:00

Client ID: PD-08/12-14

Date Received: 09/30/15

Sample Location: 5-49 6TH AVENUE, LONG ISLAND CITY, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/kg	1500	64.	10
p/m-Xylene	1400	J	ug/kg	1500	150	10
o-Xylene	220	J	ug/kg	1500	130	10
Xylenes, Total	1600	J	ug/kg	1500	130	10
cis-1,2-Dichloroethene	ND		ug/kg	760	110	10
Styrene	ND		ug/kg	1500	300	10
Dichlorodifluoromethane	ND		ug/kg	7600	140	10
Acetone	2800	J	ug/kg	7600	790	10
Carbon disulfide	ND		ug/kg	7600	840	10
2-Butanone	ND		ug/kg	7600	210	10
4-Methyl-2-pentanone	ND		ug/kg	7600	180	10
2-Hexanone	ND		ug/kg	7600	510	10
Bromochloromethane	ND		ug/kg	3800	210	10
1,2-Dibromoethane	ND		ug/kg	3000	130	10
sec-Butylbenzene	6000		ug/kg	760	93.	10
tert-Butylbenzene	810	J	ug/kg	3800	100	10
1,2-Dibromo-3-chloropropane	ND		ug/kg	3800	300	10
Isopropylbenzene	2300		ug/kg	760	79.	10
n-Propylbenzene	6400		ug/kg	760	83.	10
1,2,3-Trichlorobenzene	ND		ug/kg	3800	110	10
1,2,4-Trichlorobenzene	ND		ug/kg	3800	140	10
1,3,5-Trimethylbenzene	31000		ug/kg	3800	110	10
1,4-Dioxane	ND		ug/kg	76000	11000	10
Freon-113	ND		ug/kg	15000	210	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	104		70-130

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

Lab ID: L1524605-11 D  
 Client ID: SC-01/2-3  
 Sample Location: 5-49 6TH AVENUE, LONG ISLAND CITY, NY  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 10/02/15 17:50  
 Analyst: BN  
 Percent Solids: 86%

Date Collected: 09/30/15 14:45  
 Date Received: 09/30/15  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	1600	180	2.5
1,1-Dichloroethane	ND		ug/kg	240	14.	2.5
Chloroform	ND		ug/kg	240	59.	2.5
Carbon tetrachloride	ND		ug/kg	160	33.	2.5
1,2-Dichloropropane	ND		ug/kg	560	36.	2.5
Dibromochloromethane	ND		ug/kg	160	24.	2.5
1,1,2-Trichloroethane	ND		ug/kg	240	48.	2.5
Tetrachloroethene	ND		ug/kg	160	22.	2.5
Chlorobenzene	ND		ug/kg	160	55.	2.5
Trichlorofluoromethane	ND		ug/kg	800	62.	2.5
1,2-Dichloroethane	ND		ug/kg	160	18.	2.5
1,1,1-Trichloroethane	ND		ug/kg	160	18.	2.5
Bromodichloromethane	ND		ug/kg	160	28.	2.5
trans-1,3-Dichloropropene	ND		ug/kg	160	19.	2.5
cis-1,3-Dichloropropene	ND		ug/kg	160	19.	2.5
Bromoform	ND		ug/kg	640	38.	2.5
1,1,2,2-Tetrachloroethane	ND		ug/kg	160	16.	2.5
Benzene	ND		ug/kg	160	19.	2.5
Toluene	52	J	ug/kg	240	31.	2.5
Ethylbenzene	140	J	ug/kg	160	20.	2.5
Chloromethane	ND		ug/kg	800	47.	2.5
Bromomethane	ND		ug/kg	320	54.	2.5
Vinyl chloride	ND		ug/kg	320	19.	2.5
Chloroethane	ND		ug/kg	320	50.	2.5
1,1-Dichloroethene	ND		ug/kg	160	42.	2.5
trans-1,2-Dichloroethene	ND		ug/kg	240	34.	2.5
Trichloroethene	ND		ug/kg	160	20.	2.5
1,2-Dichlorobenzene	ND		ug/kg	800	24.	2.5
1,3-Dichlorobenzene	ND		ug/kg	800	21.	2.5
1,4-Dichlorobenzene	ND		ug/kg	800	22.	2.5



**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

Lab ID: L1524605-11 D  
 Client ID: SC-01/2-3  
 Sample Location: 5-49 6TH AVENUE, LONG ISLAND CITY, NY

Date Collected: 09/30/15 14:45  
 Date Received: 09/30/15  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/kg	320	13.	2.5
p/m-Xylene	690		ug/kg	320	31.	2.5
o-Xylene	400		ug/kg	320	27.	2.5
Xylenes, Total	1100		ug/kg	320	27.	2.5
cis-1,2-Dichloroethene	ND		ug/kg	160	23.	2.5
Styrene	ND		ug/kg	320	64.	2.5
Dichlorodifluoromethane	ND		ug/kg	1600	30.	2.5
Acetone	1200	J	ug/kg	1600	160	2.5
Carbon disulfide	ND		ug/kg	1600	180	2.5
2-Butanone	ND		ug/kg	1600	43.	2.5
4-Methyl-2-pentanone	ND		ug/kg	1600	39.	2.5
2-Hexanone	ND		ug/kg	1600	100	2.5
Bromochloromethane	ND		ug/kg	800	44.	2.5
1,2-Dibromoethane	ND		ug/kg	640	28.	2.5
sec-Butylbenzene	880		ug/kg	160	19.	2.5
tert-Butylbenzene	130	J	ug/kg	800	22.	2.5
1,2-Dibromo-3-chloropropane	ND		ug/kg	800	63.	2.5
Isopropylbenzene	400		ug/kg	160	16.	2.5
n-Propylbenzene	940		ug/kg	160	17.	2.5
1,2,3-Trichlorobenzene	ND		ug/kg	800	23.	2.5
1,2,4-Trichlorobenzene	ND		ug/kg	800	29.	2.5
1,3,5-Trimethylbenzene	3400		ug/kg	800	23.	2.5
1,4-Dioxane	ND		ug/kg	16000	2300	2.5
Freon-113	ND		ug/kg	3200	44.	2.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	102		70-130

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

Lab ID: L1524605-12 D  
 Client ID: PD-05/4-6  
 Sample Location: 5-49 6TH AVENUE, LONG ISLAND CITY, NY  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 10/02/15 18:16  
 Analyst: BN  
 Percent Solids: 81%

Date Collected: 09/30/15 14:30  
 Date Received: 09/30/15  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	29000	3200	40
1,1-Dichloroethane	ND		ug/kg	4400	250	40
Chloroform	ND		ug/kg	4400	1100	40
Carbon tetrachloride	ND		ug/kg	2900	610	40
1,2-Dichloropropane	ND		ug/kg	10000	660	40
Dibromochloromethane	ND		ug/kg	2900	450	40
1,1,2-Trichloroethane	ND		ug/kg	4400	880	40
Tetrachloroethene	ND		ug/kg	2900	410	40
Chlorobenzene	ND		ug/kg	2900	1000	40
Trichlorofluoromethane	ND		ug/kg	14000	1100	40
1,2-Dichloroethane	ND		ug/kg	2900	330	40
1,1,1-Trichloroethane	ND		ug/kg	2900	320	40
Bromodichloromethane	ND		ug/kg	2900	500	40
trans-1,3-Dichloropropene	ND		ug/kg	2900	350	40
cis-1,3-Dichloropropene	ND		ug/kg	2900	340	40
Bromoform	ND		ug/kg	12000	690	40
1,1,2,2-Tetrachloroethane	ND		ug/kg	2900	290	40
Benzene	ND		ug/kg	2900	340	40
Toluene	ND		ug/kg	4400	570	40
Ethylbenzene	ND		ug/kg	2900	370	40
Chloromethane	ND		ug/kg	14000	860	40
Bromomethane	ND		ug/kg	5800	980	40
Vinyl chloride	ND		ug/kg	5800	340	40
Chloroethane	ND		ug/kg	5800	920	40
1,1-Dichloroethene	ND		ug/kg	2900	760	40
trans-1,2-Dichloroethene	ND		ug/kg	4400	620	40
Trichloroethene	ND		ug/kg	2900	360	40
1,2-Dichlorobenzene	ND		ug/kg	14000	450	40
1,3-Dichlorobenzene	ND		ug/kg	14000	390	40
1,4-Dichlorobenzene	ND		ug/kg	14000	400	40

**Project Name:** PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524605**Project Number:** 2051.0001Y000**Report Date:** 10/05/15**SAMPLE RESULTS**

Lab ID: L1524605-12 D

Date Collected: 09/30/15 14:30

Client ID: PD-05/4-6

Date Received: 09/30/15

Sample Location: 5-49 6TH AVENUE, LONG ISLAND CITY, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/kg	5800	240	40
p/m-Xylene	ND		ug/kg	5800	580	40
o-Xylene	ND		ug/kg	5800	500	40
Xylenes, Total	ND		ug/kg	5800	500	40
cis-1,2-Dichloroethene	ND		ug/kg	2900	420	40
Styrene	ND		ug/kg	5800	1200	40
Dichlorodifluoromethane	ND		ug/kg	29000	560	40
Acetone	12000	J	ug/kg	29000	3000	40
Carbon disulfide	ND		ug/kg	29000	3200	40
2-Butanone	ND		ug/kg	29000	790	40
4-Methyl-2-pentanone	ND		ug/kg	29000	710	40
2-Hexanone	ND		ug/kg	29000	1900	40
Bromochloromethane	ND		ug/kg	14000	800	40
1,2-Dibromoethane	ND		ug/kg	12000	510	40
sec-Butylbenzene	10000		ug/kg	2900	360	40
tert-Butylbenzene	ND		ug/kg	14000	390	40
1,2-Dibromo-3-chloropropane	ND		ug/kg	14000	1200	40
Isopropylbenzene	2300	J	ug/kg	2900	300	40
n-Propylbenzene	4200		ug/kg	2900	320	40
1,2,3-Trichlorobenzene	ND		ug/kg	14000	430	40
1,2,4-Trichlorobenzene	ND		ug/kg	14000	530	40
1,3,5-Trimethylbenzene	ND		ug/kg	14000	420	40
1,4-Dioxane	ND		ug/kg	290000	42000	40
Freon-113	ND		ug/kg	58000	800	40

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	106		70-130

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

Lab ID: L1524605-13 D  
 Client ID: PD-07/8-10  
 Sample Location: 5-49 6TH AVENUE, LONG ISLAND CITY, NY  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 10/02/15 18:42  
 Analyst: BN  
 Percent Solids: 77%

Date Collected: 09/30/15 11:32  
 Date Received: 09/30/15  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	7900	870	10
1,1-Dichloroethane	ND		ug/kg	1200	68.	10
Chloroform	ND		ug/kg	1200	290	10
Carbon tetrachloride	ND		ug/kg	790	160	10
1,2-Dichloropropane	ND		ug/kg	2800	180	10
Dibromochloromethane	ND		ug/kg	790	120	10
1,1,2-Trichloroethane	ND		ug/kg	1200	240	10
Tetrachloroethene	ND		ug/kg	790	110	10
Chlorobenzene	ND		ug/kg	790	270	10
Trichlorofluoromethane	ND		ug/kg	3900	310	10
1,2-Dichloroethane	ND		ug/kg	790	90.	10
1,1,1-Trichloroethane	ND		ug/kg	790	87.	10
Bromodichloromethane	ND		ug/kg	790	140	10
trans-1,3-Dichloropropene	ND		ug/kg	790	95.	10
cis-1,3-Dichloropropene	ND		ug/kg	790	93.	10
Bromoform	ND		ug/kg	3200	190	10
1,1,2,2-Tetrachloroethane	ND		ug/kg	790	80.	10
Benzene	ND		ug/kg	790	93.	10
Toluene	ND		ug/kg	1200	150	10
Ethylbenzene	300	J	ug/kg	790	100	10
Chloromethane	ND		ug/kg	3900	230	10
Bromomethane	ND		ug/kg	1600	270	10
Vinyl chloride	ND		ug/kg	1600	93.	10
Chloroethane	ND		ug/kg	1600	250	10
1,1-Dichloroethene	ND		ug/kg	790	210	10
trans-1,2-Dichloroethene	ND		ug/kg	1200	170	10
Trichloroethene	ND		ug/kg	790	99.	10
1,2-Dichlorobenzene	ND		ug/kg	3900	120	10
1,3-Dichlorobenzene	ND		ug/kg	3900	110	10
1,4-Dichlorobenzene	ND		ug/kg	3900	110	10

**Project Name:** PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524605**Project Number:** 2051.0001Y000**Report Date:** 10/05/15**SAMPLE RESULTS**

Lab ID: L1524605-13 D

Date Collected: 09/30/15 11:32

Client ID: PD-07/8-10

Date Received: 09/30/15

Sample Location: 5-49 6TH AVENUE, LONG ISLAND CITY, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/kg	1600	67.	10
p/m-Xylene	1800		ug/kg	1600	160	10
o-Xylene	400	J	ug/kg	1600	140	10
Xylenes, Total	2200	J	ug/kg	1600	140	10
cis-1,2-Dichloroethene	ND		ug/kg	790	110	10
Styrene	ND		ug/kg	1600	320	10
Dichlorodifluoromethane	ND		ug/kg	7900	150	10
Acetone	3500	J	ug/kg	7900	820	10
Carbon disulfide	ND		ug/kg	7900	870	10
2-Butanone	ND		ug/kg	7900	210	10
4-Methyl-2-pentanone	ND		ug/kg	7900	190	10
2-Hexanone	ND		ug/kg	7900	520	10
Bromochloromethane	ND		ug/kg	3900	220	10
1,2-Dibromoethane	ND		ug/kg	3200	140	10
sec-Butylbenzene	1600		ug/kg	790	96.	10
tert-Butylbenzene	ND		ug/kg	3900	110	10
1,2-Dibromo-3-chloropropane	ND		ug/kg	3900	310	10
Isopropylbenzene	590	J	ug/kg	790	82.	10
n-Propylbenzene	1200		ug/kg	790	86.	10
1,2,3-Trichlorobenzene	ND		ug/kg	3900	120	10
1,2,4-Trichlorobenzene	ND		ug/kg	3900	140	10
1,3,5-Trimethylbenzene	4500		ug/kg	3900	110	10
1,4-Dioxane	ND		ug/kg	79000	11000	10
Freon-113	ND		ug/kg	16000	220	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	105		70-130

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

**Lab ID:** L1524605-14  
**Client ID:** SC-01/3-5  
**Sample Location:** 5-49 6TH AVENUE, LONG ISLAND CITY, NY  
**Matrix:** Soil  
**Analytical Method:** 1,8260C  
**Analytical Date:** 10/02/15 17:09  
**Analyst:** BN  
**Percent Solids:** 88%

**Date Collected:** 09/30/15 14:50  
**Date Received:** 09/30/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	15	1.6	1
1,1-Dichloroethane	ND		ug/kg	2.2	0.13	1
Chloroform	ND		ug/kg	2.2	0.55	1
Carbon tetrachloride	ND		ug/kg	1.5	0.31	1
1,2-Dichloropropane	ND		ug/kg	5.2	0.34	1
Dibromochloromethane	ND		ug/kg	1.5	0.23	1
1,1,2-Trichloroethane	ND		ug/kg	2.2	0.45	1
Tetrachloroethene	ND		ug/kg	1.5	0.21	1
Chlorobenzene	ND		ug/kg	1.5	0.52	1
Trichlorofluoromethane	ND		ug/kg	7.5	0.58	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.17	1
1,1,1-Trichloroethane	ND		ug/kg	1.5	0.16	1
Bromodichloromethane	ND		ug/kg	1.5	0.26	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.18	1
cis-1,3-Dichloropropene	ND		ug/kg	1.5	0.18	1
Bromoform	ND		ug/kg	6.0	0.35	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.5	0.15	1
Benzene	ND		ug/kg	1.5	0.18	1
Toluene	2.2		ug/kg	2.2	0.29	1
Ethylbenzene	9.9		ug/kg	1.5	0.19	1
Chloromethane	ND		ug/kg	7.5	0.44	1
Bromomethane	ND		ug/kg	3.0	0.50	1
Vinyl chloride	ND		ug/kg	3.0	0.18	1
Chloroethane	ND		ug/kg	3.0	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.39	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.32	1
Trichloroethene	ND		ug/kg	1.5	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	7.5	0.23	1
1,3-Dichlorobenzene	ND		ug/kg	7.5	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	7.5	0.21	1

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

**Lab ID:** L1524605-14  
**Client ID:** SC-01/3-5  
**Sample Location:** 5-49 6TH AVENUE, LONG ISLAND CITY, NY

**Date Collected:** 09/30/15 14:50  
**Date Received:** 09/30/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/kg	3.0	0.13	1
p/m-Xylene	38		ug/kg	3.0	0.30	1
o-Xylene	25		ug/kg	3.0	0.26	1
Xylenes, Total	63		ug/kg	3.0	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.21	1
Styrene	ND		ug/kg	3.0	0.60	1
Dichlorodifluoromethane	ND		ug/kg	15	0.28	1
Acetone	140		ug/kg	15	1.5	1
Carbon disulfide	ND		ug/kg	15	1.6	1
2-Butanone	19		ug/kg	15	0.41	1
4-Methyl-2-pentanone	ND		ug/kg	15	0.36	1
2-Hexanone	ND		ug/kg	15	0.99	1
Bromochloromethane	ND		ug/kg	7.5	0.41	1
1,2-Dibromoethane	ND		ug/kg	6.0	0.26	1
sec-Butylbenzene	10		ug/kg	1.5	0.18	1
tert-Butylbenzene	ND		ug/kg	7.5	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.5	0.59	1
Isopropylbenzene	20		ug/kg	1.5	0.16	1
n-Propylbenzene	34		ug/kg	1.5	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.5	0.22	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.5	0.27	1
1,3,5-Trimethylbenzene	66		ug/kg	7.5	0.21	1
1,4-Dioxane	ND		ug/kg	150	22.	1
Freon-113	ND		ug/kg	30	0.41	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	127		70-130
Dibromofluoromethane	24	Q	70-130

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 10/04/15 07:42  
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG827694-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70



**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 10/04/15 07:42  
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG827694-3					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	41.
Freon-113	ND		ug/l	2.5	0.70

**Project Name:** PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524605**Project Number:** 2051.0001Y000**Report Date:** 10/05/15**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C

Analytical Date: 10/04/15 07:42

Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG827694-3					

## Tentatively Identified Compounds

No Tentatively Identified Compounds	ND		ug/l		
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Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	95		70-130

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 10/02/15 09:04  
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 03,09,14 Batch: WG827700-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 10/02/15 09:04  
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 03,09,14 Batch: WG827700-3					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
Xylenes, Total	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27

Project Name: PARAGON PAINT AND VARNISH SITE

Lab Number: L1524605

Project Number: 2051.0001Y000

Report Date: 10/05/15

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
 Analytical Date: 10/02/15 09:04  
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 03,09,14 Batch: WG827700-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	99		70-130

Project Name: PARAGON PAINT AND VARNISH SITE

Lab Number: L1524605

Project Number: 2051.0001Y000

Report Date: 10/05/15

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
 Analytical Date: 10/02/15 09:58  
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04-06,10-13 Batch: WG827701-3					
Methylene chloride	ND		ug/kg	500	55.
1,1-Dichloroethane	ND		ug/kg	75	4.3
Chloroform	ND		ug/kg	75	18.
Carbon tetrachloride	ND		ug/kg	50	10.
1,2-Dichloropropane	ND		ug/kg	180	11.
Dibromochloromethane	ND		ug/kg	50	7.7
1,1,2-Trichloroethane	ND		ug/kg	75	15.
Tetrachloroethene	ND		ug/kg	50	7.0
Chlorobenzene	ND		ug/kg	50	17.
Trichlorofluoromethane	ND		ug/kg	250	19.
1,2-Dichloroethane	ND		ug/kg	50	5.7
1,1,1-Trichloroethane	ND		ug/kg	50	5.5
Bromodichloromethane	ND		ug/kg	50	8.7
trans-1,3-Dichloropropene	ND		ug/kg	50	6.0
cis-1,3-Dichloropropene	ND		ug/kg	50	5.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	50	5.0
Benzene	ND		ug/kg	50	5.9
Toluene	ND		ug/kg	75	9.7
Ethylbenzene	ND		ug/kg	50	6.4
Chloromethane	ND		ug/kg	250	15.
Bromomethane	ND		ug/kg	100	17.
Vinyl chloride	ND		ug/kg	100	5.9
Chloroethane	ND		ug/kg	100	16.
1,1-Dichloroethene	ND		ug/kg	50	13.
trans-1,2-Dichloroethene	ND		ug/kg	75	11.
Trichloroethene	ND		ug/kg	50	6.2
1,2-Dichlorobenzene	ND		ug/kg	250	7.7
1,3-Dichlorobenzene	ND		ug/kg	250	6.8

Project Name: PARAGON PAINT AND VARNISH SITE

Lab Number: L1524605

Project Number: 2051.0001Y000

Report Date: 10/05/15

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8260C  
 Analytical Date: 10/02/15 09:58  
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04-06,10-13 Batch: WG827701-3					
1,4-Dichlorobenzene	ND		ug/kg	250	6.9
Methyl tert butyl ether	ND		ug/kg	100	4.2
p/m-Xylene	ND		ug/kg	100	9.9
o-Xylene	ND		ug/kg	100	8.6
Xylenes, Total	ND		ug/kg	100	8.6
cis-1,2-Dichloroethene	ND		ug/kg	50	7.1
Styrene	ND		ug/kg	100	20.
Dichlorodifluoromethane	ND		ug/kg	500	9.5
Acetone	ND		ug/kg	500	52.
Carbon disulfide	ND		ug/kg	500	55.
2-Butanone	ND		ug/kg	500	14.
4-Methyl-2-pentanone	ND		ug/kg	500	12.
2-Hexanone	ND		ug/kg	500	33.
Bromochloromethane	ND		ug/kg	250	14.
1,2-Dibromoethane	ND		ug/kg	200	8.7
sec-Butylbenzene	ND		ug/kg	50	6.1
tert-Butylbenzene	ND		ug/kg	250	6.8
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	20.
Isopropylbenzene	ND		ug/kg	50	5.2
n-Propylbenzene	ND		ug/kg	50	5.5
1,2,3-Trichlorobenzene	ND		ug/kg	250	7.4
1,2,4-Trichlorobenzene	ND		ug/kg	250	9.1
1,3,5-Trimethylbenzene	ND		ug/kg	250	7.2
1,4-Dioxane	ND		ug/kg	5000	720
Freon-113	ND		ug/kg	1000	14.

Project Name: PARAGON PAINT AND VARNISH SITE

Lab Number: L1524605

Project Number: 2051.0001Y000

Report Date: 10/05/15

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C

Analytical Date: 10/02/15 09:58

Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04-06,10-13 Batch: WG827701-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	107		70-130



## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE

**Lab Number:** L1524605

**Project Number:** 2051.0001Y000

**Report Date:** 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG827694-1 WG827694-2								
Methylene chloride	99		102		70-130	3		20
1,1-Dichloroethane	109		110		70-130	1		20
Chloroform	102		105		70-130	3		20
2-Chloroethylvinyl ether	112		114		70-130	2		20
Carbon tetrachloride	99		100		63-132	1		20
1,2-Dichloropropane	107		108		70-130	1		20
Dibromochloromethane	85		86		63-130	1		20
1,1,2-Trichloroethane	98		98		70-130	0		20
Tetrachloroethene	97		98		70-130	1		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	111		114		62-150	3		20
1,2-Dichloroethane	100		101		70-130	1		20
1,1,1-Trichloroethane	101		102		67-130	1		20
Bromodichloromethane	96		97		67-130	1		20
trans-1,3-Dichloropropene	95		93		70-130	2		20
cis-1,3-Dichloropropene	99		99		70-130	0		20
1,1-Dichloropropene	110		112		70-130	2		20
Bromoform	82		80		54-136	2		20
1,1,2,2-Tetrachloroethane	97		96		67-130	1		20
Benzene	107		109		70-130	2		20
Toluene	102		104		70-130	2		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE

**Lab Number:** L1524605

**Project Number:** 2051.0001Y000

**Report Date:** 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG827694-1 WG827694-2								
Ethylbenzene	107		108		70-130	1		20
Chloromethane	55	Q	58	Q	64-130	5		20
Bromomethane	86		103		39-139	18		20
Vinyl chloride	113		117		55-140	3		20
Chloroethane	140	Q	146	Q	55-138	4		20
1,1-Dichloroethene	104		109		61-145	5		20
trans-1,2-Dichloroethene	102		105		70-130	3		20
Trichloroethene	104		107		70-130	3		20
1,2-Dichlorobenzene	94		93		70-130	1		20
1,3-Dichlorobenzene	97		95		70-130	2		20
1,4-Dichlorobenzene	97		96		70-130	1		20
Methyl tert butyl ether	94		97		63-130	3		20
p/m-Xylene	104		106		70-130	2		20
o-Xylene	104		105		70-130	1		20
cis-1,2-Dichloroethene	99		102		70-130	3		20
Dibromomethane	94		95		70-130	1		20
1,2,3-Trichloropropane	104		103		64-130	1		20
Acrylonitrile	92		97		70-130	5		20
Isopropyl Ether	111		113		70-130	2		20
tert-Butyl Alcohol	78		81		70-130	4		20
Styrene	106		107		70-130	1		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG827694-1 WG827694-2								
Dichlorodifluoromethane	101		105		36-147	4		20
Acetone	112		117		58-148	4		20
Carbon disulfide	107		108		51-130	1		20
2-Butanone	99		104		63-138	5		20
Vinyl acetate	106		106		70-130	0		20
4-Methyl-2-pentanone	89		90		59-130	1		20
2-Hexanone	93		93		57-130	0		20
Acrolein	97		100		40-160	3		20
Bromochloromethane	97		99		70-130	2		20
2,2-Dichloropropane	105		105		63-133	0		20
1,2-Dibromoethane	90		92		70-130	2		20
1,3-Dichloropropane	99		100		70-130	1		20
1,1,1,2-Tetrachloroethane	92		91		64-130	1		20
Bromobenzene	94		94		70-130	0		20
n-Butylbenzene	113		111		53-136	2		20
sec-Butylbenzene	113		111		70-130	2		20
tert-Butylbenzene	105		102		70-130	3		20
o-Chlorotoluene	114		112		70-130	2		20
p-Chlorotoluene	108		106		70-130	2		20
1,2-Dibromo-3-chloropropane	93		95		41-144	2		20
Hexachlorobutadiene	92		95		63-130	3		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG827694-1 WG827694-2								
Isopropylbenzene	110		108		70-130	2		20
p-Isopropyltoluene	106		104		70-130	2		20
Naphthalene	84		86		70-130	2		20
n-Propylbenzene	119		117		69-130	2		20
1,2,3-Trichlorobenzene	85		88		70-130	3		20
1,2,4-Trichlorobenzene	89		90		70-130	1		20
1,3,5-Trimethylbenzene	107		105		64-130	2		20
1,2,4-Trimethylbenzene	105		103		70-130	2		20
Methyl Acetate	99		103		70-130	4		20
Ethyl Acetate	94		97		70-130	3		20
Cyclohexane	120		122		70-130	2		20
Ethyl-Tert-Butyl-Ether	102		103		70-130	1		20
Tertiary-Amyl Methyl Ether	96		97		66-130	1		20
1,4-Dioxane	86		91		56-162	6		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	111		113		70-130	2		20
p-Diethylbenzene	101		99		70-130	2		20
p-Ethyltoluene	111		110		70-130	1		20
1,2,4,5-Tetramethylbenzene	97		95		70-130	2		20
Ethyl ether	101		101		59-134	0		20
trans-1,4-Dichloro-2-butene	75		74		70-130	1		20
Methyl cyclohexane	113		113		70-130	0		20

**Lab Control Sample Analysis****Batch Quality Control****Project Name:** PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524605**Project Number:** 2051.0001Y000**Report Date:** 10/05/15

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
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Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG827694-1 WG827694-2

<b>Surrogate</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>Acceptance Criteria</b>
1,2-Dichloroethane-d4	101		100		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	102		101		70-130
Dibromofluoromethane	97		98		70-130

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03,09,14 Batch: WG827700-1 WG827700-2								
Methylene chloride	101		92		70-130	9		30
1,1-Dichloroethane	96		84		70-130	13		30
Chloroform	102		92		70-130	10		30
Carbon tetrachloride	104		83		70-130	22		30
1,2-Dichloropropane	100		91		70-130	9		30
Dibromochloromethane	112		106		70-130	6		30
2-Chloroethylvinyl ether	132	Q	127		70-130	4		30
1,1,2-Trichloroethane	102		97		70-130	5		30
Tetrachloroethene	108		91		70-130	17		30
Chlorobenzene	111		100		70-130	10		30
Trichlorofluoromethane	91		71		70-139	25		30
1,2-Dichloroethane	95		90		70-130	5		30
1,1,1-Trichloroethane	103		85		70-130	19		30
Bromodichloromethane	106		97		70-130	9		30
trans-1,3-Dichloropropene	106		100		70-130	6		30
cis-1,3-Dichloropropene	110		100		70-130	10		30
1,1-Dichloropropene	97		79		70-130	20		30
Bromoform	109		104		70-130	5		30
1,1,2,2-Tetrachloroethane	94		91		70-130	3		30
Benzene	103		91		70-130	12		30
Toluene	106		92		70-130	14		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03,09,14 Batch: WG827700-1 WG827700-2								
Ethylbenzene	105		92		70-130	13		30
Chloromethane	86		70		52-130	21		30
Bromomethane	91		77		57-147	17		30
Vinyl chloride	73		57	Q	67-130	25		30
Chloroethane	73		58		50-151	23		30
1,1-Dichloroethene	95		78		65-135	20		30
trans-1,2-Dichloroethene	102		86		70-130	17		30
Trichloroethene	104		89		70-130	16		30
1,2-Dichlorobenzene	112		103		70-130	8		30
1,3-Dichlorobenzene	115		105		70-130	9		30
1,4-Dichlorobenzene	116		104		70-130	11		30
Methyl tert butyl ether	111		107		66-130	4		30
p/m-Xylene	109		95		70-130	14		30
o-Xylene	114		101		70-130	12		30
cis-1,2-Dichloroethene	109		96		70-130	13		30
Dibromomethane	103		98		70-130	5		30
Styrene	115		104		70-130	10		30
Dichlorodifluoromethane	88		66		30-146	29		30
Acetone	68		64		54-140	6		30
Carbon disulfide	95		78		59-130	20		30
2-Butanone	74		74		70-130	0		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03,09,14 Batch: WG827700-1 WG827700-2								
Vinyl acetate	83		81		70-130	2		30
4-Methyl-2-pentanone	89		86		70-130	3		30
1,2,3-Trichloropropane	92		89		68-130	3		30
2-Hexanone	71		70		70-130	1		30
Bromochloromethane	112		103		70-130	8		30
2,2-Dichloropropane	104		86		70-130	19		30
1,2-Dibromoethane	105		100		70-130	5		30
1,3-Dichloropropane	102		98		69-130	4		30
1,1,1,2-Tetrachloroethane	117		106		70-130	10		30
Bromobenzene	115		105		70-130	9		30
n-Butylbenzene	106		89		70-130	17		30
sec-Butylbenzene	106		88		70-130	19		30
tert-Butylbenzene	110		92		70-130	18		30
o-Chlorotoluene	109		96		70-130	13		30
p-Chlorotoluene	112		100		70-130	11		30
1,2-Dibromo-3-chloropropane	96		95		68-130	1		30
Hexachlorobutadiene	127		102		67-130	22		30
Isopropylbenzene	106		90		70-130	16		30
p-Isopropyltoluene	113		95		70-130	17		30
Naphthalene	105		102		70-130	3		30
Acrylonitrile	88		85		70-130	3		30



## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03,09,14 Batch: WG827700-1 WG827700-2								
Isopropyl Ether	87		81		66-130	7		30
tert-Butyl Alcohol	86		86		70-130	0		30
n-Propylbenzene	104		88		70-130	17		30
1,2,3-Trichlorobenzene	121		114		70-130	6		30
1,2,4-Trichlorobenzene	126		115		70-130	9		30
1,3,5-Trimethylbenzene	113		97		70-130	15		30
1,2,4-Trimethylbenzene	115		102		70-130	12		30
Methyl Acetate	70		68		51-146	3		30
Ethyl Acetate	72		72		70-130	0		30
Acrolein	52	Q	50	Q	70-130	4		30
Cyclohexane	86		67		59-142	25		30
1,4-Dioxane	119		116		65-136	3		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	92		72		50-139	24		30
p-Diethylbenzene	111		95		70-130	16		30
p-Ethyltoluene	106		90		70-130	16		30
1,2,4,5-Tetramethylbenzene	119		106		70-130	12		30
Tetrahydrofuran	84		86		66-130	2		30
Ethyl ether	87		84		67-130	4		30
trans-1,4-Dichloro-2-butene	92		90		70-130	2		30
Methyl cyclohexane	94		72		70-130	27		30
Ethyl-Tert-Butyl-Ether	100		96		70-130	4		30

### Lab Control Sample Analysis Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03,09,14 Batch: WG827700-1 WG827700-2								
Tertiary-Amyl Methyl Ether	108		102		70-130	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	86		87		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	102		101		70-130
Dibromofluoromethane	99		99		70-130

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04-06,10-13 Batch: WG827701-1 WG827701-2								
Methylene chloride	91		93		70-130	2		30
1,1-Dichloroethane	105		107		70-130	2		30
Chloroform	102		103		70-130	1		30
Carbon tetrachloride	109		110		70-130	1		30
1,2-Dichloropropane	102		104		70-130	2		30
Dibromochloromethane	110		109		70-130	1		30
2-Chloroethylvinyl ether	100		100		70-130	0		30
1,1,2-Trichloroethane	92		93		70-130	1		30
Tetrachloroethene	85		90		70-130	6		30
Chlorobenzene	93		95		70-130	2		30
Trichlorofluoromethane	106		111		70-139	5		30
1,2-Dichloroethane	124		127		70-130	2		30
1,1,1-Trichloroethane	106		110		70-130	4		30
Bromodichloromethane	108		108		70-130	0		30
trans-1,3-Dichloropropene	98		101		70-130	3		30
cis-1,3-Dichloropropene	96		98		70-130	2		30
1,1-Dichloropropene	90		94		70-130	4		30
Bromoform	91		89		70-130	2		30
1,1,2,2-Tetrachloroethane	96		98		70-130	2		30
Benzene	88		91		70-130	3		30
Toluene	88		90		70-130	2		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04-06,10-13 Batch: WG827701-1 WG827701-2								
Ethylbenzene	90		92		70-130	2		30
Chloromethane	138	Q	142	Q	52-130	3		30
Bromomethane	70		71		57-147	1		30
Vinyl chloride	64	Q	66	Q	67-130	3		30
Chloroethane	90		86		50-151	5		30
1,1-Dichloroethene	93		94		65-135	1		30
trans-1,2-Dichloroethene	92		95		70-130	3		30
Trichloroethene	95		99		70-130	4		30
1,2-Dichlorobenzene	101		102		70-130	1		30
1,3-Dichlorobenzene	100		102		70-130	2		30
1,4-Dichlorobenzene	98		100		70-130	2		30
Methyl tert butyl ether	105		103		66-130	2		30
p/m-Xylene	89		91		70-130	2		30
o-Xylene	91		92		70-130	1		30
cis-1,2-Dichloroethene	94		98		70-130	4		30
Dibromomethane	108		108		70-130	0		30
Styrene	90		93		70-130	3		30
Dichlorodifluoromethane	107		113		30-146	5		30
Acetone	120		126		54-140	5		30
Carbon disulfide	93		97		59-130	4		30
2-Butanone	118		124		70-130	5		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04-06,10-13 Batch: WG827701-1 WG827701-2								
Vinyl acetate	131	Q	130		70-130	1		30
4-Methyl-2-pentanone	108		113		70-130	5		30
1,2,3-Trichloropropane	96		98		68-130	2		30
2-Hexanone	110		110		70-130	0		30
Bromochloromethane	105		110		70-130	5		30
2,2-Dichloropropane	102		106		70-130	4		30
1,2-Dibromoethane	100		99		70-130	1		30
1,3-Dichloropropane	92		95		69-130	3		30
1,1,1,2-Tetrachloroethane	99		97		70-130	2		30
Bromobenzene	98		98		70-130	0		30
n-Butylbenzene	100		103		70-130	3		30
sec-Butylbenzene	102		104		70-130	2		30
tert-Butylbenzene	100		103		70-130	3		30
o-Chlorotoluene	104		105		70-130	1		30
p-Chlorotoluene	103		106		70-130	3		30
1,2-Dibromo-3-chloropropane	94		102		68-130	8		30
Hexachlorobutadiene	80		88		67-130	10		30
Isopropylbenzene	100		103		70-130	3		30
p-Isopropyltoluene	101		103		70-130	2		30
Naphthalene	100		103		70-130	3		30
Acrylonitrile	145	Q	150	Q	70-130	3		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04-06,10-13 Batch: WG827701-1 WG827701-2								
Isopropyl Ether	143	Q	141	Q	66-130	1		30
tert-Butyl Alcohol	91		93		70-130	2		30
n-Propylbenzene	99		101		70-130	2		30
1,2,3-Trichlorobenzene	94		97		70-130	3		30
1,2,4-Trichlorobenzene	95		99		70-130	4		30
1,3,5-Trimethylbenzene	102		104		70-130	2		30
1,2,4-Trimethylbenzene	105		105		70-130	0		30
Methyl Acetate	123		121		51-146	2		30
Ethyl Acetate	123		126		70-130	2		30
Acrolein	119		118		70-130	1		30
Cyclohexane	119		123		59-142	3		30
1,4-Dioxane	81		87		65-136	7		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	97		102		50-139	5		30
p-Diethylbenzene	101		103		70-130	2		30
p-Ethyltoluene	98		100		70-130	2		30
1,2,4,5-Tetramethylbenzene	105		106		70-130	1		30
Tetrahydrofuran	123		131	Q	66-130	6		30
Ethyl ether	104		105		67-130	1		30
trans-1,4-Dichloro-2-butene	164	Q	169	Q	70-130	3		30
Methyl cyclohexane	86		88		70-130	2		30
Ethyl-Tert-Butyl-Ether	120		122		70-130	2		30

### Lab Control Sample Analysis Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04-06,10-13 Batch: WG827701-1 WG827701-2								
Tertiary-Amyl Methyl Ether	95		94		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	120		118		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	110		107		70-130
Dibromofluoromethane	108		107		70-130

# SEMIVOLATILES



**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

Lab ID: L1524605-01  
 Client ID: FB093015  
 Sample Location: 5-49 6TH AVENUE, LONG ISLAND CITY, NY  
 Matrix: Water  
 Analytical Method: 1,8270D  
 Analytical Date: 10/02/15 21:28  
 Analyst: JB

Date Collected: 09/30/15 12:01  
 Date Received: 09/30/15  
 Field Prep: Not Specified  
 Extraction Method: EPA 3510C  
 Extraction Date: 10/01/15 04:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/l	2.0	0.28	1
Hexachlorobenzene	ND		ug/l	2.0	0.40	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41	1
2-Chloronaphthalene	ND		ug/l	2.0	0.46	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89	1
Fluoranthene	ND		ug/l	2.0	0.40	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60	1
Hexachlorobutadiene	ND		ug/l	2.0	0.42	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.58	1
Hexachloroethane	ND		ug/l	2.0	0.30	1
Isophorone	ND		ug/l	5.0	0.79	1
Naphthalene	ND		ug/l	2.0	0.33	1
Nitrobenzene	ND		ug/l	2.0	0.40	1
NDPA/DPA	ND		ug/l	2.0	0.34	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.93	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.1	1
Di-n-butylphthalate	ND		ug/l	5.0	0.77	1
Di-n-octylphthalate	ND		ug/l	5.0	1.2	1
Diethyl phthalate	ND		ug/l	5.0	0.39	1
Dimethyl phthalate	ND		ug/l	5.0	0.33	1
Benzo(a)anthracene	ND		ug/l	2.0	0.32	1
Benzo(a)pyrene	ND		ug/l	2.0	0.66	1
Benzo(b)fluoranthene	ND		ug/l	2.0	0.37	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.30	1

**Project Name:** PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524605**Project Number:** 2051.0001Y000**Report Date:** 10/05/15**SAMPLE RESULTS**

Lab ID: L1524605-01

Date Collected: 09/30/15 12:01

Client ID: FB093015

Date Received: 09/30/15

Sample Location: 5-49 6TH AVENUE, LONG ISLAND CITY, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Chrysene	ND		ug/l	2.0	0.30	1
Acenaphthylene	ND		ug/l	2.0	0.37	1
Anthracene	ND		ug/l	2.0	0.20	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.57	1
Fluorene	ND		ug/l	2.0	0.32	1
Phenanthrene	ND		ug/l	2.0	0.23	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.44	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.43	1
Pyrene	ND		ug/l	2.0	0.52	1
Biphenyl	ND		ug/l	2.0	0.24	1
4-Chloroaniline	ND		ug/l	5.0	0.84	1
2-Nitroaniline	ND		ug/l	5.0	0.96	1
3-Nitroaniline	ND		ug/l	5.0	0.67	1
4-Nitroaniline	ND		ug/l	5.0	0.83	1
Dibenzofuran	ND		ug/l	2.0	0.22	1
2-Methylnaphthalene	ND		ug/l	2.0	0.36	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36	1
Acetophenone	ND		ug/l	5.0	0.43	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.54	1
2-Chlorophenol	ND		ug/l	2.0	0.58	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.56	1
2,4-Dimethylphenol	ND		ug/l	5.0	0.58	1
2-Nitrophenol	ND		ug/l	10	1.0	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4	1
Pentachlorophenol	ND		ug/l	10	3.2	1
Phenol	ND		ug/l	5.0	0.27	1
2-Methylphenol	ND		ug/l	5.0	0.70	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.68	1
Carbazole	ND		ug/l	2.0	0.37	1

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

Lab ID: L1524605-01  
 Client ID: FB093015  
 Sample Location: 5-49 6TH AVENUE, LONG ISLAND CITY, NY

Date Collected: 09/30/15 12:01  
 Date Received: 09/30/15  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	28		21-120
Phenol-d6	19		10-120
Nitrobenzene-d5	48		23-120
2-Fluorobiphenyl	49		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	50		41-149

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

Lab ID: L1524605-07  
 Client ID: SC-02/2-5  
 Sample Location: 5-49 6TH AVENUE, LONG ISLAND CITY, NY  
 Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 10/03/15 11:50  
 Analyst: KR  
 Percent Solids: 73%

Date Collected: 09/30/15 15:30  
 Date Received: 09/30/15  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 10/03/15 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	57	J	ug/kg	180	47.	1
Hexachlorobenzene	ND		ug/kg	140	42.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	64.	1
2-Chloronaphthalene	ND		ug/kg	230	74.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	60.	1
2,4-Dinitrotoluene	ND		ug/kg	230	49.	1
2,6-Dinitrotoluene	ND		ug/kg	230	58.	1
Fluoranthene	920		ug/kg	140	42.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	69.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	52.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	80.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	69.	1
Hexachlorobutadiene	ND		ug/kg	230	64.	1
Hexachlorocyclopentadiene	ND		ug/kg	650	140	1
Hexachloroethane	ND		ug/kg	180	41.	1
Isophorone	ND		ug/kg	200	60.	1
Naphthalene	ND		ug/kg	230	75.	1
Nitrobenzene	ND		ug/kg	200	54.	1
NDPA/DPA	ND		ug/kg	180	48.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	68.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	230	60.	1
Butyl benzyl phthalate	ND		ug/kg	230	44.	1
Di-n-butylphthalate	ND		ug/kg	230	44.	1
Di-n-octylphthalate	ND		ug/kg	230	56.	1
Diethyl phthalate	ND		ug/kg	230	48.	1
Dimethyl phthalate	ND		ug/kg	230	58.	1
Benzo(a)anthracene	470		ug/kg	140	44.	1
Benzo(a)pyrene	430		ug/kg	180	56.	1
Benzo(b)fluoranthene	590		ug/kg	140	46.	1
Benzo(k)fluoranthene	220		ug/kg	140	43.	1

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

**Lab ID:** L1524605-07  
**Client ID:** SC-02/2-5  
**Sample Location:** 5-49 6TH AVENUE, LONG ISLAND CITY, NY

**Date Collected:** 09/30/15 15:30  
**Date Received:** 09/30/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Chrysene	520		ug/kg	140	45.	1
Acenaphthylene	ND		ug/kg	180	42.	1
Anthracene	150		ug/kg	140	38.	1
Benzo(ghi)perylene	330		ug/kg	180	47.	1
Fluorene	ND		ug/kg	230	65.	1
Phenanthrene	780		ug/kg	140	44.	1
Dibenzo(a,h)anthracene	87	J	ug/kg	140	44.	1
Indeno(1,2,3-cd)pyrene	330		ug/kg	180	50.	1
Pyrene	850		ug/kg	140	44.	1
Biphenyl	ND		ug/kg	520	75.	1
4-Chloroaniline	ND		ug/kg	230	60.	1
2-Nitroaniline	ND		ug/kg	230	64.	1
3-Nitroaniline	ND		ug/kg	230	63.	1
4-Nitroaniline	ND		ug/kg	230	61.	1
Dibenzofuran	ND		ug/kg	230	76.	1
2-Methylnaphthalene	ND		ug/kg	270	73.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	70.	1
Acetophenone	ND		ug/kg	230	70.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	43.	1
p-Chloro-m-cresol	ND		ug/kg	230	66.	1
2-Chlorophenol	ND		ug/kg	230	69.	1
2,4-Dichlorophenol	ND		ug/kg	200	74.	1
2,4-Dimethylphenol	ND		ug/kg	230	68.	1
2-Nitrophenol	ND		ug/kg	490	71.	1
4-Nitrophenol	ND		ug/kg	320	74.	1
2,4-Dinitrophenol	ND		ug/kg	1100	310	1
4,6-Dinitro-o-cresol	ND		ug/kg	590	83.	1
Pentachlorophenol	ND		ug/kg	180	49.	1
Phenol	ND		ug/kg	230	67.	1
2-Methylphenol	ND		ug/kg	230	73.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	330	74.	1
2,4,5-Trichlorophenol	ND		ug/kg	230	74.	1
Benzoic Acid	490	J	ug/kg	740	230	1
Benzyl Alcohol	ND		ug/kg	230	70.	1
Carbazole	55	J	ug/kg	230	49.	1

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

Lab ID: L1524605-07  
 Client ID: SC-02/2-5  
 Sample Location: 5-49 6TH AVENUE, LONG ISLAND CITY, NY

Date Collected: 09/30/15 15:30  
 Date Received: 09/30/15  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatiles Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	29		10-136
4-Terphenyl-d14	72		18-120

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

Lab ID: L1524605-08 D  
 Client ID: SC-03/2-5  
 Sample Location: 5-49 6TH AVENUE, LONG ISLAND CITY, NY  
 Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 10/03/15 12:16  
 Analyst: KR  
 Percent Solids: 68%

Date Collected: 09/30/15 15:35  
 Date Received: 09/30/15  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 10/03/15 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	3600		ug/kg	980	250	5
Hexachlorobenzene	ND		ug/kg	730	230	5
Bis(2-chloroethyl)ether	ND		ug/kg	1100	340	5
2-Chloronaphthalene	ND		ug/kg	1200	400	5
3,3'-Dichlorobenzidine	ND		ug/kg	1200	320	5
2,4-Dinitrotoluene	ND		ug/kg	1200	260	5
2,6-Dinitrotoluene	ND		ug/kg	1200	310	5
Fluoranthene	46000		ug/kg	730	220	5
4-Chlorophenyl phenyl ether	ND		ug/kg	1200	370	5
4-Bromophenyl phenyl ether	ND		ug/kg	1200	280	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1500	430	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1300	370	5
Hexachlorobutadiene	ND		ug/kg	1200	340	5
Hexachlorocyclopentadiene	ND		ug/kg	3500	780	5
Hexachloroethane	ND		ug/kg	980	220	5
Isophorone	ND		ug/kg	1100	320	5
Naphthalene	3800		ug/kg	1200	400	5
Nitrobenzene	ND		ug/kg	1100	290	5
NDPA/DPA	ND		ug/kg	980	260	5
n-Nitrosodi-n-propylamine	ND		ug/kg	1200	360	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1200	320	5
Butyl benzyl phthalate	ND		ug/kg	1200	240	5
Di-n-butylphthalate	ND		ug/kg	1200	240	5
Di-n-octylphthalate	ND		ug/kg	1200	300	5
Diethyl phthalate	ND		ug/kg	1200	260	5
Dimethyl phthalate	ND		ug/kg	1200	310	5
Benzo(a)anthracene	28000		ug/kg	730	240	5
Benzo(a)pyrene	30000		ug/kg	980	300	5
Benzo(b)fluoranthene	34000		ug/kg	730	250	5
Benzo(k)fluoranthene	14000		ug/kg	730	230	5

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

Lab ID: L1524605-08 D  
 Client ID: SC-03/2-5  
 Sample Location: 5-49 6TH AVENUE, LONG ISLAND CITY, NY

Date Collected: 09/30/15 15:35  
 Date Received: 09/30/15  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Chrysene	29000		ug/kg	730	240	5
Acenaphthylene	3400		ug/kg	980	230	5
Anthracene	6700		ug/kg	730	200	5
Benzo(ghi)perylene	20000		ug/kg	980	250	5
Fluorene	3200		ug/kg	1200	350	5
Phenanthrene	31000		ug/kg	730	240	5
Dibenzo(a,h)anthracene	5500		ug/kg	730	240	5
Indeno(1,2,3-cd)pyrene	21000		ug/kg	980	270	5
Pyrene	45000		ug/kg	730	240	5
Biphenyl	480	J	ug/kg	2800	400	5
4-Chloroaniline	ND		ug/kg	1200	320	5
2-Nitroaniline	ND		ug/kg	1200	340	5
3-Nitroaniline	ND		ug/kg	1200	340	5
4-Nitroaniline	ND		ug/kg	1200	330	5
Dibenzofuran	2200		ug/kg	1200	410	5
2-Methylnaphthalene	1500		ug/kg	1500	390	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1200	380	5
Acetophenone	ND		ug/kg	1200	380	5
2,4,6-Trichlorophenol	ND		ug/kg	730	230	5
p-Chloro-m-cresol	ND		ug/kg	1200	350	5
2-Chlorophenol	ND		ug/kg	1200	370	5
2,4-Dichlorophenol	ND		ug/kg	1100	390	5
2,4-Dimethylphenol	ND		ug/kg	1200	360	5
2-Nitrophenol	ND		ug/kg	2600	380	5
4-Nitrophenol	ND		ug/kg	1700	390	5
2,4-Dinitrophenol	ND		ug/kg	5800	1700	5
4,6-Dinitro-o-cresol	ND		ug/kg	3200	450	5
Pentachlorophenol	ND		ug/kg	980	260	5
Phenol	ND		ug/kg	1200	360	5
2-Methylphenol	ND		ug/kg	1200	390	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1800	400	5
2,4,5-Trichlorophenol	ND		ug/kg	1200	390	5
Benzoic Acid	ND		ug/kg	3900	1200	5
Benzyl Alcohol	ND		ug/kg	1200	380	5
Carbazole	2700		ug/kg	1200	260	5



**Project Name:** PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524605**Project Number:** 2051.0001Y000**Report Date:** 10/05/15**SAMPLE RESULTS**

Lab ID: L1524605-08 D

Date Collected: 09/30/15 15:35

Client ID: SC-03/2-5

Date Received: 09/30/15

Sample Location: 5-49 6TH AVENUE, LONG ISLAND CITY, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	95		10-136
4-Terphenyl-d14	67		18-120

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270D  
**Analytical Date:** 10/01/15 18:59  
**Analyst:** JB

**Extraction Method:** EPA 3510C  
**Extraction Date:** 10/01/15 04:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG826706-1					
Acenaphthene	ND		ug/l	2.0	0.28
Hexachlorobenzene	ND		ug/l	2.0	0.40
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41
2-Chloronaphthalene	ND		ug/l	2.0	0.46
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89
Fluoranthene	ND		ug/l	2.0	0.40
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60
Hexachlorobutadiene	ND		ug/l	2.0	0.42
Hexachlorocyclopentadiene	ND		ug/l	20	0.58
Hexachloroethane	ND		ug/l	2.0	0.30
Isophorone	ND		ug/l	5.0	0.79
Naphthalene	ND		ug/l	2.0	0.33
Nitrobenzene	ND		ug/l	2.0	0.40
NDPA/DPA	ND		ug/l	2.0	0.34
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.93
Butyl benzyl phthalate	ND		ug/l	5.0	1.1
Di-n-butylphthalate	ND		ug/l	5.0	0.77
Di-n-octylphthalate	ND		ug/l	5.0	1.2
Diethyl phthalate	ND		ug/l	5.0	0.39
Dimethyl phthalate	ND		ug/l	5.0	0.33
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.66
Benzo(b)fluoranthene	ND		ug/l	2.0	0.37

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270D  
**Analytical Date:** 10/01/15 18:59  
**Analyst:** JB

**Extraction Method:** EPA 3510C  
**Extraction Date:** 10/01/15 04:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG826706-1					
Benzo(k)fluoranthene	ND		ug/l	2.0	0.30
Chrysene	ND		ug/l	2.0	0.30
Acenaphthylene	ND		ug/l	2.0	0.37
Anthracene	ND		ug/l	2.0	0.20
Benzo(ghi)perylene	ND		ug/l	2.0	0.57
Fluorene	ND		ug/l	2.0	0.32
Phenanthrene	ND		ug/l	2.0	0.23
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.44
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.43
Pyrene	ND		ug/l	2.0	0.52
Biphenyl	ND		ug/l	2.0	0.24
4-Chloroaniline	ND		ug/l	5.0	0.84
2-Nitroaniline	ND		ug/l	5.0	0.96
3-Nitroaniline	ND		ug/l	5.0	0.67
4-Nitroaniline	ND		ug/l	5.0	0.83
Dibenzofuran	ND		ug/l	2.0	0.22
2-Methylnaphthalene	ND		ug/l	2.0	0.36
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36
Acetophenone	ND		ug/l	5.0	0.43
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78
p-Chloro-m-cresol	ND		ug/l	2.0	0.54
2-Chlorophenol	ND		ug/l	2.0	0.58
2,4-Dichlorophenol	ND		ug/l	5.0	0.56
2,4-Dimethylphenol	ND		ug/l	5.0	0.58
2-Nitrophenol	ND		ug/l	10	1.0
4-Nitrophenol	ND		ug/l	10	1.1
2,4-Dinitrophenol	ND		ug/l	20	1.4
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4
Pentachlorophenol	ND		ug/l	10	3.2

Project Name: PARAGON PAINT AND VARNISH SITE

Lab Number: L1524605

Project Number: 2051.0001Y000

Report Date: 10/05/15

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D  
 Analytical Date: 10/01/15 18:59  
 Analyst: JB

Extraction Method: EPA 3510C  
 Extraction Date: 10/01/15 04:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG826706-1					
Phenol	ND		ug/l	5.0	0.27
2-Methylphenol	ND		ug/l	5.0	0.70
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75
Benzoic Acid	ND		ug/l	50	1.0
Benzyl Alcohol	ND		ug/l	2.0	0.68
Carbazole	ND		ug/l	2.0	0.37

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	90		15-120
2,4,6-Tribromophenol	84		10-120
4-Terphenyl-d14	101		41-149

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270D  
**Analytical Date:** 10/03/15 09:43  
**Analyst:** KR

**Extraction Method:** EPA 3546  
**Extraction Date:** 10/03/15 02:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG827494-1					
Acenaphthene	ND		ug/kg	130	33.
Hexachlorobenzene	ND		ug/kg	97	30.
Bis(2-chloroethyl)ether	ND		ug/kg	150	46.
2-Chloronaphthalene	ND		ug/kg	160	53.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	97	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	49.
4-Bromophenyl phenyl ether	ND		ug/kg	160	37.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	57.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	49.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	460	100
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	43.
Naphthalene	ND		ug/kg	160	54.
Nitrobenzene	ND		ug/kg	150	39.
NDPA/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	48.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	42.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	34.
Dimethyl phthalate	ND		ug/kg	160	41.
Benzo(a)anthracene	ND		ug/kg	97	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	33.

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270D  
**Analytical Date:** 10/03/15 09:43  
**Analyst:** KR

**Extraction Method:** EPA 3546  
**Extraction Date:** 10/03/15 02:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG827494-1					
Benzo(k)fluoranthene	ND		ug/kg	97	31.
Chrysene	ND		ug/kg	97	32.
Acenaphthylene	ND		ug/kg	130	30.
Anthracene	ND		ug/kg	97	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	46.
Phenanthrene	ND		ug/kg	97	32.
Dibenzo(a,h)anthracene	ND		ug/kg	97	31.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	97	32.
Biphenyl	ND		ug/kg	370	54.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	45.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	54.
2-Methylnaphthalene	ND		ug/kg	190	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	50.
Acetophenone	ND		ug/kg	160	50.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	47.
2-Chlorophenol	ND		ug/kg	160	49.
2,4-Dichlorophenol	ND		ug/kg	150	52.
2,4-Dimethylphenol	ND		ug/kg	160	48.
2-Nitrophenol	ND		ug/kg	350	51.
4-Nitrophenol	ND		ug/kg	230	52.
2,4-Dinitrophenol	ND		ug/kg	780	220
4,6-Dinitro-o-cresol	ND		ug/kg	420	59.
Pentachlorophenol	ND		ug/kg	130	35.

Project Name: PARAGON PAINT AND VARNISH SITE

Lab Number: L1524605

Project Number: 2051.0001Y000

Report Date: 10/05/15

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8270D  
 Analytical Date: 10/03/15 09:43  
 Analyst: KR

Extraction Method: EPA 3546  
 Extraction Date: 10/03/15 02:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG827494-1					
Phenol	ND		ug/kg	160	48.
2-Methylphenol	ND		ug/kg	160	52.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	53.
2,4,5-Trichlorophenol	ND		ug/kg	160	52.
Benzoic Acid	ND		ug/kg	520	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	35.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	68		18-120

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG826706-2 WG826706-3								
Acenaphthene	80		85		37-111	6		30
1,2,4-Trichlorobenzene	67		73		39-98	9		30
Hexachlorobenzene	84		90		40-140	7		30
Bis(2-chloroethyl)ether	78		86		40-140	10		30
2-Chloronaphthalene	83		88		40-140	6		30
1,2-Dichlorobenzene	65		71		40-140	9		30
1,3-Dichlorobenzene	62		68		40-140	9		30
1,4-Dichlorobenzene	63		69		36-97	9		30
3,3'-Dichlorobenzidine	95		98		40-140	3		30
2,4-Dinitrotoluene	96		98	Q	24-96	2		30
2,6-Dinitrotoluene	103		108		40-140	5		30
Fluoranthene	92		96		40-140	4		30
4-Chlorophenyl phenyl ether	84		88		40-140	5		30
4-Bromophenyl phenyl ether	89		95		40-140	7		30
Bis(2-chloroisopropyl)ether	83		89		40-140	7		30
Bis(2-chloroethoxy)methane	85		96		40-140	12		30
Hexachlorobutadiene	62		65		40-140	5		30
Hexachlorocyclopentadiene	52		57		40-140	9		30
Hexachloroethane	60		64		40-140	6		30
Isophorone	89		99		40-140	11		30
Naphthalene	72		78		40-140	8		30



## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG826706-2 WG826706-3								
Nitrobenzene	77		85		40-140	10		30
NitrosoDiPhenylAmine(NDPA)/DPA	92		96		40-140	4		30
n-Nitrosodi-n-propylamine	87		96		29-132	10		30
Bis(2-Ethylhexyl)phthalate	98		102		40-140	4		30
Butyl benzyl phthalate	99		103		40-140	4		30
Di-n-butylphthalate	96		100		40-140	4		30
Di-n-octylphthalate	94		98		40-140	4		30
Diethyl phthalate	92		98		40-140	6		30
Dimethyl phthalate	90		93		40-140	3		30
Benzo(a)anthracene	88		92		40-140	4		30
Benzo(a)pyrene	89		97		40-140	9		30
Benzo(b)fluoranthene	89		95		40-140	7		30
Benzo(k)fluoranthene	86		91		40-140	6		30
Chrysene	85		90		40-140	6		30
Acenaphthylene	91		96		45-123	5		30
Anthracene	87		91		40-140	4		30
Benzo(ghi)perylene	88		95		40-140	8		30
Fluorene	87		91		40-140	4		30
Phenanthrene	84		89		40-140	6		30
Dibenzo(a,h)anthracene	90		94		40-140	4		30
Indeno(1,2,3-cd)Pyrene	89		94		40-140	5		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG826706-2 WG826706-3								
Pyrene	91		96		26-127	5		30
Biphenyl	78		84		54-104	7		30
4-Chloroaniline	79		84		40-140	6		30
2-Nitroaniline	99		103		52-143	4		30
3-Nitroaniline	84		87		25-145	4		30
4-Nitroaniline	95		103		51-143	8		30
Dibenzofuran	82		87		40-140	6		30
2-Methylnaphthalene	79		83		40-140	5		30
1,2,4,5-Tetrachlorobenzene	74		79		2-134	7		30
Acetophenone	84		92		39-129	9		30
2,4,6-Trichlorophenol	100		104		30-130	4		30
P-Chloro-M-Cresol	92		99	Q	23-97	7		30
2-Chlorophenol	78		87		27-123	11		30
2,4-Dichlorophenol	88		93		30-130	6		30
2,4-Dimethylphenol	83		89		30-130	7		30
2-Nitrophenol	91		99		30-130	8		30
4-Nitrophenol	55		58		10-80	5		30
2,4-Dinitrophenol	82		90		20-130	9		30
4,6-Dinitro-o-cresol	91		97		20-164	6		30
Pentachlorophenol	75		81		9-103	8		30
Phenol	40		43		12-110	7		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG826706-2 WG826706-3								
2-Methylphenol	77		84		30-130	9		30
3-Methylphenol/4-Methylphenol	74		81		30-130	9		30
2,4,5-Trichlorophenol	91		100		30-130	9		30
Benzoic Acid	33		38		10-110	14		30
Benzyl Alcohol	71		81		15-110	13		30
Carbazole	92		98		55-144	6		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
2-Fluorophenol	55		57		21-120
Phenol-d6	40		42		10-120
Nitrobenzene-d5	85		91		23-120
2-Fluorobiphenyl	84		88		15-120
2,4,6-Tribromophenol	79		82		10-120
4-Terphenyl-d14	91		91		41-149

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG827494-2 WG827494-3								
Acenaphthene	67		75		31-137	11		50
Benzidine	58		59		10-66	2		50
n-Nitrosodimethylamine	54		60		22-100	11		50
1,2,4-Trichlorobenzene	66		73		38-107	10		50
Hexachlorobenzene	73		80		40-140	9		50
Bis(2-chloroethyl)ether	60		66		40-140	10		50
2-Chloronaphthalene	66		74		40-140	11		50
1,2-Dichlorobenzene	61		68		40-140	11		50
1,3-Dichlorobenzene	60		66		40-140	10		50
1,4-Dichlorobenzene	60		67		28-104	11		50
3,3'-Dichlorobenzidine	61		64		40-140	5		50
2,4-Dinitrotoluene	75		86		28-89	14		50
2,6-Dinitrotoluene	68		79		40-140	15		50
Fluoranthene	67		76		40-140	13		50
4-Chlorophenyl phenyl ether	70		78		40-140	11		50
4-Bromophenyl phenyl ether	74		82		40-140	10		50
Azobenzene	65		74		40-140	13		50
Bis(2-chloroisopropyl)ether	58		64		40-140	10		50
Bis(2-chloroethoxy)methane	62		70		40-117	12		50
Hexachlorobutadiene	68		75		40-140	10		50
Hexachlorocyclopentadiene	117		127		40-140	8		50

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG827494-2 WG827494-3								
Hexachloroethane	61		70		40-140	14		50
Isophorone	62		70		40-140	12		50
Naphthalene	64		71		40-140	10		50
Nitrobenzene	67		75		40-140	11		50
NitrosoDiPhenylAmine(NDPA)/DPA	70		78		36-157	11		50
n-Nitrosodi-n-propylamine	62		69		32-121	11		50
Bis(2-Ethylhexyl)phthalate	68		76		40-140	11		50
Butyl benzyl phthalate	71		80		40-140	12		50
Di-n-butylphthalate	70		78		40-140	11		50
Di-n-octylphthalate	69		78		40-140	12		50
Diethyl phthalate	69		77		40-140	11		50
Dimethyl phthalate	70		78		40-140	11		50
Benzo(a)anthracene	68		77		40-140	12		50
Benzo(a)pyrene	69		78		40-140	12		50
Benzo(b)fluoranthene	67		77		40-140	14		50
Benzo(k)fluoranthene	65		77		40-140	17		50
Chrysene	66		75		40-140	13		50
Acenaphthylene	66		75		40-140	13		50
Anthracene	70		78		40-140	11		50
Benzo(ghi)perylene	69		78		40-140	12		50
Fluorene	68		77		40-140	12		50

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG827494-2 WG827494-3								
Phenanthrene	67		75		40-140	11		50
Dibenzo(a,h)anthracene	73		83		40-140	13		50
Indeno(1,2,3-cd)Pyrene	70		79		40-140	12		50
Pyrene	67		76		35-142	13		50
Biphenyl	69		77		54-104	11		50
4-Chloroaniline	67		73		40-140	9		50
2-Nitroaniline	70		80		47-134	13		50
3-Nitroaniline	62		69		26-129	11		50
4-Nitroaniline	71		79		41-125	11		50
Dibenzofuran	68		77		40-140	12		50
2-Methylnaphthalene	65		71		40-140	9		50
1,2,4,5-Tetrachlorobenzene	71		78		40-117	9		50
Acetophenone	65		72		14-144	10		50
2,4,6-Trichlorophenol	80		90		30-130	12		50
P-Chloro-M-Cresol	72		81		26-103	12		50
2-Chlorophenol	67		75		25-102	11		50
2,4-Dichlorophenol	74		84		30-130	13		50
2,4-Dimethylphenol	71		81		30-130	13		50
2-Nitrophenol	71		80		30-130	12		50
4-Nitrophenol	72		82		11-114	13		50
2,4-Dinitrophenol	67		106		4-130	45		50

### Lab Control Sample Analysis Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG827494-2 WG827494-3								
4,6-Dinitro-o-cresol	90		103		10-130	13		50
Pentachlorophenol	71		82		17-109	14		50
Phenol	63		71		26-90	12		50
2-Methylphenol	65		72		30-130	10		50
3-Methylphenol/4-Methylphenol	65		74		30-130	13		50
2,4,5-Trichlorophenol	73		83		30-130	13		50
Benzoic Acid	39		63		10-66	47		50
Benzyl Alcohol	67		75		40-140	11		50
Carbazole	69		77		54-128	11		50
Benzaldehyde	62		68		40-140	9		50
Caprolactam	71		80		15-130	12		50
Atrazine	78		84		40-140	7		50
2,3,4,6-Tetrachlorophenol	77		86		40-140	11		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	68		73		25-120
Phenol-d6	70		76		10-120
Nitrobenzene-d5	71		76		23-120
2-Fluorobiphenyl	70		76		30-120
2,4,6-Tribromophenol	85		93		10-136
4-Terphenyl-d14	72		79		18-120



# PCBS



**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

**Lab ID:** L1524605-01  
**Client ID:** FB093015  
**Sample Location:** 5-49 6TH AVENUE, LONG ISLAND CITY, NY  
**Matrix:** Water  
**Analytical Method:** 1,8082A  
**Analytical Date:** 10/02/15 17:25  
**Analyst:** JT

**Date Collected:** 09/30/15 12:01  
**Date Received:** 09/30/15  
**Field Prep:** Not Specified  
**Extraction Method:** EPA 3510C  
**Extraction Date:** 10/01/15 03:51  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 10/01/15  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 10/01/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	54		30-150	B
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	61		30-150	A

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

**Lab ID:** L1524605-07  
**Client ID:** SC-02/2-5  
**Sample Location:** 5-49 6TH AVENUE, LONG ISLAND CITY, NY  
**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 10/01/15 17:02  
**Analyst:** JT  
**Percent Solids:** 73%

**Date Collected:** 09/30/15 15:30  
**Date Received:** 09/30/15  
**Field Prep:** Not Specified  
**Extraction Method:** EPA 3546  
**Extraction Date:** 10/01/15 02:52  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 10/01/15  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 10/01/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	44.6	3.53	1	A
Aroclor 1221	ND		ug/kg	44.6	4.12	1	A
Aroclor 1232	ND		ug/kg	44.6	5.23	1	A
Aroclor 1242	ND		ug/kg	44.6	5.46	1	A
Aroclor 1248	ND		ug/kg	44.6	3.77	1	A
Aroclor 1254	ND		ug/kg	44.6	3.67	1	A
Aroclor 1260	ND		ug/kg	44.6	3.40	1	A
Aroclor 1262	ND		ug/kg	44.6	2.21	1	A
Aroclor 1268	ND		ug/kg	44.6	6.47	1	A
PCBs, Total	ND		ug/kg	44.6	2.21	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	40		30-150	A
Decachlorobiphenyl	21	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	46		30-150	B
Decachlorobiphenyl	37		30-150	B

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

**Lab ID:** L1524605-08  
**Client ID:** SC-03/2-5  
**Sample Location:** 5-49 6TH AVENUE, LONG ISLAND CITY, NY  
**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 10/01/15 17:15  
**Analyst:** JT  
**Percent Solids:** 68%

**Date Collected:** 09/30/15 15:35  
**Date Received:** 09/30/15  
**Field Prep:** Not Specified  
**Extraction Method:** EPA 3546  
**Extraction Date:** 10/01/15 02:52  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 10/01/15  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 10/01/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	48.3	3.82	1	A
Aroclor 1221	ND		ug/kg	48.3	4.45	1	A
Aroclor 1232	ND		ug/kg	48.3	5.66	1	A
Aroclor 1242	ND		ug/kg	48.3	5.91	1	A
Aroclor 1248	ND		ug/kg	48.3	4.08	1	A
Aroclor 1254	ND		ug/kg	48.3	3.97	1	A
Aroclor 1260	ND		ug/kg	48.3	3.68	1	A
Aroclor 1262	ND		ug/kg	48.3	2.40	1	A
Aroclor 1268	ND		ug/kg	48.3	7.00	1	A
PCBs, Total	ND		ug/kg	48.3	2.40	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	46		30-150	A
Decachlorobiphenyl	24	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	41		30-150	B
Decachlorobiphenyl	40		30-150	B

**Project Name:** PARAGON PAINT AND VARNISH SITE

**Lab Number:** L1524605

**Project Number:** 2051.0001Y000

**Report Date:** 10/05/15

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8082A  
 Analytical Date: 10/01/15 18:17  
 Analyst: JT

Extraction Method: EPA 3546  
 Extraction Date: 10/01/15 02:47  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 10/01/15  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 10/01/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 07-08 Batch: WG826693-1						
Aroclor 1016	ND		ug/kg	31.8	2.51	A
Aroclor 1221	ND		ug/kg	31.8	2.93	A
Aroclor 1232	ND		ug/kg	31.8	3.72	A
Aroclor 1242	ND		ug/kg	31.8	3.89	A
Aroclor 1248	ND		ug/kg	31.8	2.68	A
Aroclor 1254	ND		ug/kg	31.8	2.61	A
Aroclor 1260	ND		ug/kg	31.8	2.42	A
Aroclor 1262	ND		ug/kg	31.8	1.58	A
Aroclor 1268	ND		ug/kg	31.8	4.61	A
PCBs, Total	ND		ug/kg	31.8	1.58	A

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	34		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	47		30-150	B



**Project Name:** PARAGON PAINT AND VARNISH SITE

**Lab Number:** L1524605

**Project Number:** 2051.0001Y000

**Report Date:** 10/05/15

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8082A  
 Analytical Date: 10/02/15 18:05  
 Analyst: JT

Extraction Method: EPA 3510C  
 Extraction Date: 10/01/15 03:51  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 10/01/15  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 10/01/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG826707-1						
Aroclor 1016	ND		ug/l	0.083	0.055	A
Aroclor 1221	ND		ug/l	0.083	0.053	A
Aroclor 1232	ND		ug/l	0.083	0.031	A
Aroclor 1242	ND		ug/l	0.083	0.060	A
Aroclor 1248	ND		ug/l	0.083	0.051	A
Aroclor 1254	ND		ug/l	0.083	0.034	A
Aroclor 1260	ND		ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.029	A
Aroclor 1268	ND		ug/l	0.083	0.038	A
PCBs, Total	ND		ug/l	0.083	0.029	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	58		30-150	B
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	67		30-150	A



## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 07-08 Batch: WG826693-2 WG826693-3									
Aroclor 1016	84		85		40-140	1		50	A
Aroclor 1260	68		72		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		69		30-150	A
Decachlorobiphenyl	39		42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		65		30-150	B
Decachlorobiphenyl	53		57		30-150	B

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE

**Lab Number:** L1524605

**Project Number:** 2051.0001Y000

**Report Date:** 10/05/15

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>	<b>Column</b>
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG826707-2 WG826707-3									
Aroclor 1016	90		104		40-140	15		50	A
Aroclor 1260	78		85		40-140	9		50	A

<b>Surrogate</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>Acceptance Criteria</b>	<b>Column</b>
2,4,5,6-Tetrachloro-m-xylene	65		81		30-150	B
Decachlorobiphenyl	54		55		30-150	B
2,4,5,6-Tetrachloro-m-xylene	66		80		30-150	A
Decachlorobiphenyl	60		63		30-150	A

# PESTICIDES



**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

**Lab ID:** L1524605-01  
**Client ID:** FB093015  
**Sample Location:** 5-49 6TH AVENUE, LONG ISLAND CITY, NY  
**Matrix:** Water  
**Analytical Method:** 1,8081B  
**Analytical Date:** 10/01/15 18:35  
**Analyst:** AM

**Date Collected:** 09/30/15 12:01  
**Date Received:** 09/30/15  
**Field Prep:** Not Specified  
**Extraction Method:** EPA 3510C  
**Extraction Date:** 10/01/15 03:51  
**Cleanup Method:** EPA 3620B  
**Cleanup Date:** 10/01/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	96		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	98		30-150	B

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

Lab ID: L1524605-07  
 Client ID: SC-02/2-5  
 Sample Location: 5-49 6TH AVENUE, LONG ISLAND CITY, NY  
 Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 10/01/15 19:53  
 Analyst: AM  
 Percent Solids: 73%

Date Collected: 09/30/15 15:30  
 Date Received: 09/30/15  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 10/01/15 02:49  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 10/01/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	2.12	0.414	1	A
Lindane	5.34	PI	ug/kg	0.881	0.394	1	A
Alpha-BHC	ND		ug/kg	0.881	0.250	1	A
Beta-BHC	ND		ug/kg	2.12	0.802	1	A
Heptachlor	ND		ug/kg	1.06	0.474	1	A
Aldrin	ND		ug/kg	2.12	0.745	1	A
Heptachlor epoxide	ND		ug/kg	3.97	1.19	1	A
Endrin	ND		ug/kg	0.881	0.361	1	A
Endrin ketone	ND		ug/kg	2.12	0.545	1	A
Dieldrin	ND		ug/kg	1.32	0.661	1	A
4,4'-DDE	ND		ug/kg	2.12	0.489	1	A
4,4'-DDD	ND		ug/kg	2.12	0.754	1	A
4,4'-DDT	ND		ug/kg	3.97	1.70	1	A
Endosulfan I	ND		ug/kg	2.12	0.500	1	A
Endosulfan II	ND		ug/kg	2.12	0.707	1	A
Endosulfan sulfate	ND		ug/kg	0.881	0.420	1	A
Methoxychlor	ND		ug/kg	3.97	1.23	1	A
Toxaphene	ND		ug/kg	39.7	11.1	1	A
cis-Chlordane	ND		ug/kg	2.64	0.737	1	A
trans-Chlordane	ND		ug/kg	2.64	0.698	1	A
Chlordane	ND		ug/kg	17.2	7.01	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	61		30-150	B
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	51		30-150	A

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

Lab ID: L1524605-08  
 Client ID: SC-03/2-5  
 Sample Location: 5-49 6TH AVENUE, LONG ISLAND CITY, NY  
 Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 10/01/15 20:06  
 Analyst: AM  
 Percent Solids: 68%

Date Collected: 09/30/15 15:35  
 Date Received: 09/30/15  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 10/01/15 02:49  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 10/01/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	2.31	0.453	1	A
Lindane	ND		ug/kg	0.964	0.431	1	A
Alpha-BHC	ND		ug/kg	0.964	0.274	1	A
Beta-BHC	ND		ug/kg	2.31	0.877	1	A
Heptachlor	ND		ug/kg	1.16	0.519	1	A
Aldrin	ND		ug/kg	2.31	0.815	1	A
Heptachlor epoxide	ND		ug/kg	4.34	1.30	1	A
Endrin	3.60	PI	ug/kg	0.964	0.395	1	B
Endrin ketone	ND		ug/kg	2.31	0.596	1	A
Dieldrin	ND		ug/kg	1.45	0.723	1	A
4,4'-DDE	ND		ug/kg	2.31	0.535	1	A
4,4'-DDD	ND		ug/kg	2.31	0.825	1	A
4,4'-DDT	ND		ug/kg	4.34	1.86	1	A
Endosulfan I	ND		ug/kg	2.31	0.547	1	A
Endosulfan II	3.16	PI	ug/kg	2.31	0.773	1	A
Endosulfan sulfate	ND		ug/kg	0.964	0.459	1	A
Methoxychlor	ND		ug/kg	4.34	1.35	1	A
Toxaphene	ND		ug/kg	43.4	12.1	1	A
cis-Chlordane	ND		ug/kg	2.89	0.806	1	A
trans-Chlordane	ND		ug/kg	2.89	0.764	1	A
Chlordane	ND		ug/kg	18.8	7.66	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	70		30-150	B
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	75		30-150	A

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8081B  
 Analytical Date: 10/01/15 18:48  
 Analyst: AM

Extraction Method: EPA 3546  
 Extraction Date: 10/01/15 02:40  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 10/01/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 07-08 Batch: WG826691-1						
Delta-BHC	ND		ug/kg	1.56	0.306	A
Lindane	ND		ug/kg	0.651	0.291	A
Alpha-BHC	ND		ug/kg	0.651	0.185	A
Beta-BHC	ND		ug/kg	1.56	0.592	A
Heptachlor	ND		ug/kg	0.781	0.350	A
Aldrin	ND		ug/kg	1.56	0.550	A
Heptachlor epoxide	ND		ug/kg	2.93	0.878	A
Endrin	ND		ug/kg	0.651	0.267	A
Endrin ketone	ND		ug/kg	1.56	0.402	A
Dieldrin	ND		ug/kg	0.976	0.488	A
4,4'-DDE	ND		ug/kg	1.56	0.361	A
4,4'-DDD	ND		ug/kg	1.56	0.557	A
4,4'-DDT	ND		ug/kg	2.93	1.26	A
Endosulfan I	ND		ug/kg	1.56	0.369	A
Endosulfan II	ND		ug/kg	1.56	0.522	A
Endosulfan sulfate	ND		ug/kg	0.651	0.310	A
Methoxychlor	ND		ug/kg	2.93	0.911	A
Toxaphene	ND		ug/kg	29.3	8.20	A
cis-Chlordane	ND		ug/kg	1.95	0.544	A
trans-Chlordane	ND		ug/kg	1.95	0.515	A
Chlordane	ND		ug/kg	12.7	5.17	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	81		30-150	B
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	87		30-150	A



**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8081B  
Analytical Date: 10/01/15 17:57  
Analyst: AM

Extraction Method: EPA 3510C  
Extraction Date: 10/01/15 03:51  
Cleanup Method: EPA 3620B  
Cleanup Date: 10/01/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG826705-1						
Delta-BHC	ND		ug/l	0.020	0.005	A
Lindane	ND		ug/l	0.020	0.004	A
Alpha-BHC	ND		ug/l	0.020	0.004	A
Beta-BHC	ND		ug/l	0.020	0.006	A
Heptachlor	ND		ug/l	0.020	0.003	A
Aldrin	ND		ug/l	0.020	0.002	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	A
Endrin	ND		ug/l	0.040	0.004	A
Endrin ketone	ND		ug/l	0.040	0.005	A
Dieldrin	ND		ug/l	0.040	0.004	A
4,4'-DDE	ND		ug/l	0.040	0.004	A
4,4'-DDD	ND		ug/l	0.040	0.005	A
4,4'-DDT	ND		ug/l	0.040	0.004	A
Endosulfan I	ND		ug/l	0.020	0.003	A
Endosulfan II	ND		ug/l	0.040	0.005	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	A
Methoxychlor	ND		ug/l	0.200	0.007	A
Toxaphene	ND		ug/l	0.200	0.063	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.006	A
Chlordane	ND		ug/l	0.200	0.046	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	114		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	110		30-150	B



## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE

**Lab Number:** L1524605

**Project Number:** 2051.0001Y000

**Report Date:** 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 07-08 Batch: WG826691-2 WG826691-3									
Delta-BHC	73		83		30-150	13		30	A
Lindane	80		89		30-150	11		30	A
Alpha-BHC	87		92		30-150	6		30	A
Beta-BHC	82		91		30-150	10		30	A
Heptachlor	84		95		30-150	12		30	A
Aldrin	86		98		30-150	13		30	A
Heptachlor epoxide	81		91		30-150	12		30	A
Endrin	91		101		30-150	10		30	A
Endrin ketone	63		71		30-150	12		30	A
Dieldrin	86		98		30-150	13		30	A
4,4'-DDE	87		99		30-150	13		30	A
4,4'-DDD	78		85		30-150	9		30	A
4,4'-DDT	94		105		30-150	11		30	A
Endosulfan I	86		97		30-150	12		30	A
Endosulfan II	77		87		30-150	12		30	A
Endosulfan sulfate	64		74		30-150	14		30	A
Methoxychlor	81		92		30-150	13		30	A
cis-Chlordane	82		92		30-150	11		30	A
trans-Chlordane	83		94		30-150	12		30	A

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 07-08 Batch: WG826691-2 WG826691-3

<u>Surrogate</u>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria	<i>Column</i>
2,4,5,6-Tetrachloro-m-xylene	90		91		30-150	B
Decachlorobiphenyl	85		106		30-150	B
2,4,5,6-Tetrachloro-m-xylene	92		96		30-150	A
Decachlorobiphenyl	95		106		30-150	A

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG826705-2 WG826705-3									
Delta-BHC	93		88		30-150	6		20	A
Lindane	142		113		30-150	23	Q	20	A
Alpha-BHC	148		120		30-150	21	Q	20	A
Beta-BHC	133		105		30-150	24	Q	20	A
Heptachlor	139		112		30-150	22	Q	20	A
Aldrin	141		115		30-150	20		20	A
Heptachlor epoxide	150		113		30-150	28	Q	20	A
Endrin	164	Q	125		30-150	27	Q	20	A
Endrin ketone	121		91		30-150	28	Q	20	A
Dieldrin	164	Q	123		30-150	29	Q	20	A
4,4'-DDE	169	Q	123		30-150	32	Q	20	A
4,4'-DDD	139		110		30-150	23	Q	20	A
4,4'-DDT	178	Q	131		30-150	30	Q	20	A
Endosulfan I	162	Q	121		30-150	29	Q	20	A
Endosulfan II	144		107		30-150	29	Q	20	A
Endosulfan sulfate	115		89		30-150	25	Q	20	A
Methoxychlor	151	Q	113		30-150	29	Q	20	A
cis-Chlordane	152	Q	114		30-150	29	Q	20	A
trans-Chlordane	151	Q	116		30-150	26	Q	20	A



### Lab Control Sample Analysis Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG826705-2 WG826705-3

<u>Surrogate</u>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria	<i>Column</i>
2,4,5,6-Tetrachloro-m-xylene	101		103		30-150	A
Decachlorobiphenyl	128		95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	109		92		30-150	B
Decachlorobiphenyl	121		90		30-150	B

## METALS

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

Lab ID: L1524605-01  
 Client ID: FB093015  
 Sample Location: 5-49 6TH AVENUE, LONG ISLAND C  
 Matrix: Water

Date Collected: 09/30/15 12:01  
 Date Received: 09/30/15  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Westborough Lab</b>											
Aluminum, Total	ND		mg/l	0.10	0.02	1	10/01/15 03:30	10/03/15 14:17	EPA 3005A	1,6010C	MC
Antimony, Total	ND		mg/l	0.0500	0.0080	1	10/01/15 03:30	10/03/15 14:17	EPA 3005A	1,6010C	MC
Arsenic, Total	0.004	J	mg/l	0.005	0.002	1	10/01/15 03:30	10/03/15 14:17	EPA 3005A	1,6010C	MC
Barium, Total	ND		mg/l	0.010	0.003	1	10/01/15 03:30	10/03/15 14:17	EPA 3005A	1,6010C	MC
Beryllium, Total	ND		mg/l	0.005	0.001	1	10/01/15 03:30	10/03/15 14:17	EPA 3005A	1,6010C	MC
Cadmium, Total	ND		mg/l	0.005	0.001	1	10/01/15 03:30	10/03/15 14:17	EPA 3005A	1,6010C	MC
Calcium, Total	0.049	J	mg/l	0.10	0.030	1	10/01/15 03:30	10/03/15 16:10	EPA 3005A	1,6010C	AB
Chromium, Total	ND		mg/l	0.01	0.002	1	10/01/15 03:30	10/03/15 14:17	EPA 3005A	1,6010C	MC
Cobalt, Total	ND		mg/l	0.020	0.005	1	10/01/15 03:30	10/03/15 14:17	EPA 3005A	1,6010C	MC
Copper, Total	ND		mg/l	0.0100	0.0020	1	10/01/15 03:30	10/03/15 14:17	EPA 3005A	1,6010C	MC
Iron, Total	0.095		mg/l	0.050	0.020	1	10/01/15 03:30	10/03/15 14:17	EPA 3005A	1,6010C	MC
Lead, Total	ND		mg/l	0.0100	0.0020	1	10/01/15 03:30	10/03/15 14:17	EPA 3005A	1,6010C	MC
Magnesium, Total	ND		mg/l	0.10	0.010	1	10/01/15 03:30	10/03/15 14:17	EPA 3005A	1,6010C	MC
Manganese, Total	ND		mg/l	0.0100	0.0020	1	10/01/15 03:30	10/03/15 14:17	EPA 3005A	1,6010C	MC
Mercury, Total	ND		mg/l	0.00020	0.00006	1	10/02/15 09:26	10/02/15 21:27	EPA 7470A	1,7470A	EA
Nickel, Total	ND		mg/l	0.0250	0.0040	1	10/01/15 03:30	10/03/15 14:17	EPA 3005A	1,6010C	MC
Potassium, Total	ND		mg/l	2.5	0.40	1	10/01/15 03:30	10/03/15 14:17	EPA 3005A	1,6010C	MC
Selenium, Total	ND		mg/l	0.0100	0.0030	1	10/01/15 03:30	10/03/15 14:17	EPA 3005A	1,6010C	MC
Silver, Total	ND		mg/l	0.007	0.002	1	10/01/15 03:30	10/03/15 14:17	EPA 3005A	1,6010C	MC
Sodium, Total	ND		mg/l	2.0	0.30	1	10/01/15 03:30	10/03/15 14:17	EPA 3005A	1,6010C	MC
Thallium, Total	ND		mg/l	0.0200	0.0040	1	10/01/15 03:30	10/03/15 14:17	EPA 3005A	1,6010C	MC
Vanadium, Total	ND		mg/l	0.0100	0.0010	1	10/01/15 03:30	10/03/15 14:17	EPA 3005A	1,6010C	MC
Zinc, Total	ND		mg/l	0.0500	0.0070	1	10/01/15 03:30	10/03/15 14:17	EPA 3005A	1,6010C	MC



**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

Lab ID: L1524605-07  
 Client ID: SC-02/2-5  
 Sample Location: 5-49 6TH AVENUE, LONG ISLAND C  
 Matrix: Soil  
 Percent Solids: 73%

Date Collected: 09/30/15 15:30  
 Date Received: 09/30/15  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Westborough Lab</b>											
Aluminum, Total	4600		mg/kg	10	2.1	2	10/01/15 05:07	10/01/15 12:31	EPA 3050B	1,6010C	TT
Antimony, Total	0.99	J	mg/kg	5.3	0.84	2	10/01/15 05:07	10/01/15 12:31	EPA 3050B	1,6010C	TT
Arsenic, Total	24		mg/kg	1.0	0.21	2	10/01/15 05:07	10/01/15 12:31	EPA 3050B	1,6010C	TT
Barium, Total	65		mg/kg	1.0	0.32	2	10/01/15 05:07	10/01/15 12:31	EPA 3050B	1,6010C	TT
Beryllium, Total	0.30	J	mg/kg	0.53	0.10	2	10/01/15 05:07	10/01/15 12:31	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	1.0	0.07	2	10/01/15 05:07	10/01/15 12:31	EPA 3050B	1,6010C	TT
Calcium, Total	41000		mg/kg	10	3.2	2	10/01/15 05:07	10/01/15 12:31	EPA 3050B	1,6010C	TT
Chromium, Total	11		mg/kg	1.0	0.21	2	10/01/15 05:07	10/01/15 12:31	EPA 3050B	1,6010C	TT
Cobalt, Total	3.1		mg/kg	2.1	0.53	2	10/01/15 05:07	10/01/15 12:31	EPA 3050B	1,6010C	TT
Copper, Total	15		mg/kg	1.0	0.21	2	10/01/15 05:07	10/01/15 12:31	EPA 3050B	1,6010C	TT
Iron, Total	39000		mg/kg	5.3	2.1	2	10/01/15 05:07	10/01/15 12:31	EPA 3050B	1,6010C	TT
Lead, Total	ND		mg/kg	53	2.1	20	10/01/15 05:07	10/01/15 21:01	EPA 3050B	1,6010C	TT
Magnesium, Total	8800		mg/kg	10	1.0	2	10/01/15 05:07	10/01/15 12:31	EPA 3050B	1,6010C	TT
Manganese, Total	480		mg/kg	1.0	0.21	2	10/01/15 05:07	10/01/15 12:31	EPA 3050B	1,6010C	TT
Mercury, Total	0.03	J	mg/kg	0.10	0.02	1	10/01/15 09:40	10/01/15 15:47	EPA 7471B	1,7471B	DB
Nickel, Total	8.0		mg/kg	2.6	0.42	2	10/01/15 05:07	10/01/15 12:31	EPA 3050B	1,6010C	TT
Potassium, Total	710		mg/kg	260	42.	2	10/01/15 05:07	10/01/15 12:31	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	2.1	0.32	2	10/01/15 05:07	10/01/15 12:31	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	1.0	0.21	2	10/01/15 05:07	10/01/15 12:31	EPA 3050B	1,6010C	TT
Sodium, Total	300		mg/kg	210	32.	2	10/01/15 05:07	10/01/15 12:31	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	2.1	0.42	2	10/01/15 05:07	10/01/15 12:31	EPA 3050B	1,6010C	TT
Vanadium, Total	9.6		mg/kg	1.0	0.10	2	10/01/15 05:07	10/01/15 12:31	EPA 3050B	1,6010C	TT
Zinc, Total	88		mg/kg	5.3	0.74	2	10/01/15 05:07	10/01/15 12:31	EPA 3050B	1,6010C	TT



**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

Lab ID: L1524605-08  
 Client ID: SC-03/2-5  
 Sample Location: 5-49 6TH AVENUE, LONG ISLAND C  
 Matrix: Soil  
 Percent Solids: 68%

Date Collected: 09/30/15 15:35  
 Date Received: 09/30/15  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Westborough Lab</b>											
Aluminum, Total	5600		mg/kg	12	2.3	2	10/01/15 05:07	10/01/15 12:43	EPA 3050B	1,6010C	TT
Antimony, Total	3.5	J	mg/kg	5.8	0.93	2	10/01/15 05:07	10/01/15 12:43	EPA 3050B	1,6010C	TT
Arsenic, Total	9.3		mg/kg	1.2	0.23	2	10/01/15 05:07	10/01/15 12:43	EPA 3050B	1,6010C	TT
Barium, Total	110		mg/kg	1.2	0.35	2	10/01/15 05:07	10/01/15 12:43	EPA 3050B	1,6010C	TT
Beryllium, Total	0.17	J	mg/kg	0.58	0.12	2	10/01/15 05:07	10/01/15 12:43	EPA 3050B	1,6010C	TT
Cadmium, Total	2.8		mg/kg	1.2	0.08	2	10/01/15 05:07	10/01/15 12:43	EPA 3050B	1,6010C	TT
Calcium, Total	6600		mg/kg	12	3.5	2	10/01/15 05:07	10/01/15 12:43	EPA 3050B	1,6010C	TT
Chromium, Total	28		mg/kg	1.2	0.23	2	10/01/15 05:07	10/01/15 12:43	EPA 3050B	1,6010C	TT
Cobalt, Total	5.7		mg/kg	2.3	0.58	2	10/01/15 05:07	10/01/15 12:43	EPA 3050B	1,6010C	TT
Copper, Total	83		mg/kg	1.2	0.23	2	10/01/15 05:07	10/01/15 12:43	EPA 3050B	1,6010C	TT
Iron, Total	12000		mg/kg	5.8	2.3	2	10/01/15 05:07	10/01/15 12:43	EPA 3050B	1,6010C	TT
Lead, Total	200		mg/kg	5.8	0.23	2	10/01/15 05:07	10/01/15 12:43	EPA 3050B	1,6010C	TT
Magnesium, Total	3000		mg/kg	12	1.2	2	10/01/15 05:07	10/01/15 12:43	EPA 3050B	1,6010C	TT
Manganese, Total	100		mg/kg	1.2	0.23	2	10/01/15 05:07	10/01/15 12:43	EPA 3050B	1,6010C	TT
Mercury, Total	0.22		mg/kg	0.10	0.02	1	10/01/15 09:40	10/01/15 15:48	EPA 7471B	1,7471B	DB
Nickel, Total	24		mg/kg	2.9	0.47	2	10/01/15 05:07	10/01/15 12:43	EPA 3050B	1,6010C	TT
Potassium, Total	490		mg/kg	290	47.	2	10/01/15 05:07	10/01/15 12:43	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	2.3	0.35	2	10/01/15 05:07	10/01/15 12:43	EPA 3050B	1,6010C	TT
Silver, Total	0.30	J	mg/kg	1.2	0.23	2	10/01/15 05:07	10/01/15 12:43	EPA 3050B	1,6010C	TT
Sodium, Total	390		mg/kg	230	35.	2	10/01/15 05:07	10/01/15 12:43	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	2.3	0.47	2	10/01/15 05:07	10/01/15 12:43	EPA 3050B	1,6010C	TT
Vanadium, Total	30		mg/kg	1.2	0.12	2	10/01/15 05:07	10/01/15 12:43	EPA 3050B	1,6010C	TT
Zinc, Total	610		mg/kg	5.8	0.82	2	10/01/15 05:07	10/01/15 12:43	EPA 3050B	1,6010C	TT



**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

## Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 07-08 Batch: WG826692-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	10/01/15 09:40	10/01/15 12:12	1,7471B	DB

### Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01 Batch: WG826702-1									
Aluminum, Total	ND	mg/l	0.10	0.02	1	10/01/15 03:30	10/02/15 13:11	1,6010C	JH
Antimony, Total	ND	mg/l	0.0500	0.0080	1	10/01/15 03:30	10/02/15 13:11	1,6010C	JH
Arsenic, Total	ND	mg/l	0.005	0.002	1	10/01/15 03:30	10/02/15 13:11	1,6010C	JH
Barium, Total	ND	mg/l	0.010	0.003	1	10/01/15 03:30	10/02/15 13:11	1,6010C	JH
Beryllium, Total	ND	mg/l	0.005	0.001	1	10/01/15 03:30	10/02/15 13:11	1,6010C	JH
Cadmium, Total	ND	mg/l	0.005	0.001	1	10/01/15 03:30	10/02/15 13:11	1,6010C	JH
Calcium, Total	ND	mg/l	0.10	0.03	1	10/01/15 03:30	10/02/15 13:11	1,6010C	JH
Chromium, Total	ND	mg/l	0.01	0.002	1	10/01/15 03:30	10/02/15 13:11	1,6010C	JH
Cobalt, Total	ND	mg/l	0.020	0.005	1	10/01/15 03:30	10/02/15 13:11	1,6010C	JH
Copper, Total	ND	mg/l	0.0100	0.0020	1	10/01/15 03:30	10/02/15 13:11	1,6010C	JH
Iron, Total	ND	mg/l	0.050	0.020	1	10/01/15 03:30	10/02/15 13:11	1,6010C	JH
Lead, Total	ND	mg/l	0.0100	0.0020	1	10/01/15 03:30	10/02/15 13:11	1,6010C	JH
Magnesium, Total	ND	mg/l	0.10	0.010	1	10/01/15 03:30	10/02/15 13:11	1,6010C	JH
Manganese, Total	ND	mg/l	0.0100	0.0020	1	10/01/15 03:30	10/02/15 13:11	1,6010C	JH
Nickel, Total	ND	mg/l	0.0250	0.0040	1	10/01/15 03:30	10/02/15 13:11	1,6010C	JH
Potassium, Total	ND	mg/l	2.5	0.40	1	10/01/15 03:30	10/02/15 13:11	1,6010C	JH
Selenium, Total	ND	mg/l	0.0100	0.0030	1	10/01/15 03:30	10/02/15 13:11	1,6010C	JH
Silver, Total	ND	mg/l	0.007	0.002	1	10/01/15 03:30	10/02/15 13:11	1,6010C	JH
Sodium, Total	ND	mg/l	2.0	0.30	1	10/01/15 03:30	10/02/15 13:11	1,6010C	JH
Thallium, Total	ND	mg/l	0.0200	0.0040	1	10/01/15 03:30	10/02/15 13:11	1,6010C	JH
Vanadium, Total	ND	mg/l	0.0100	0.0010	1	10/01/15 03:30	10/02/15 13:11	1,6010C	JH
Zinc, Total	ND	mg/l	0.0500	0.0070	1	10/01/15 03:30	10/02/15 13:11	1,6010C	JH

Project Name: PARAGON PAINT AND VARNISH SITE

Lab Number: L1524605

Project Number: 2051.0001Y000

Report Date: 10/05/15

## Method Blank Analysis Batch Quality Control

### Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 07-08 Batch: WG826717-1									
Aluminum, Total	ND	mg/kg	4.0	0.80	1	10/01/15 05:07	10/01/15 11:45	1,6010C	TT
Antimony, Total	ND	mg/kg	2.0	0.32	1	10/01/15 05:07	10/01/15 11:45	1,6010C	TT
Arsenic, Total	ND	mg/kg	0.40	0.08	1	10/01/15 05:07	10/01/15 11:45	1,6010C	TT
Barium, Total	ND	mg/kg	0.40	0.12	1	10/01/15 05:07	10/01/15 11:45	1,6010C	TT
Beryllium, Total	ND	mg/kg	0.20	0.04	1	10/01/15 05:07	10/01/15 11:45	1,6010C	TT
Cadmium, Total	ND	mg/kg	0.40	0.03	1	10/01/15 05:07	10/01/15 11:45	1,6010C	TT
Calcium, Total	ND	mg/kg	4.0	1.2	1	10/01/15 05:07	10/01/15 11:45	1,6010C	TT
Chromium, Total	ND	mg/kg	0.40	0.08	1	10/01/15 05:07	10/01/15 11:45	1,6010C	TT
Cobalt, Total	ND	mg/kg	0.80	0.20	1	10/01/15 05:07	10/01/15 11:45	1,6010C	TT
Copper, Total	ND	mg/kg	0.40	0.08	1	10/01/15 05:07	10/01/15 11:45	1,6010C	TT
Iron, Total	ND	mg/kg	2.0	0.80	1	10/01/15 05:07	10/01/15 11:45	1,6010C	TT
Lead, Total	ND	mg/kg	2.0	0.08	1	10/01/15 05:07	10/01/15 11:45	1,6010C	TT
Magnesium, Total	ND	mg/kg	4.0	0.40	1	10/01/15 05:07	10/01/15 11:45	1,6010C	TT
Manganese, Total	ND	mg/kg	0.40	0.08	1	10/01/15 05:07	10/01/15 11:45	1,6010C	TT
Nickel, Total	ND	mg/kg	1.0	0.16	1	10/01/15 05:07	10/01/15 11:45	1,6010C	TT
Potassium, Total	ND	mg/kg	100	16.	1	10/01/15 05:07	10/01/15 11:45	1,6010C	TT
Selenium, Total	ND	mg/kg	0.80	0.12	1	10/01/15 05:07	10/01/15 11:45	1,6010C	TT
Silver, Total	ND	mg/kg	0.40	0.08	1	10/01/15 05:07	10/01/15 11:45	1,6010C	TT
Sodium, Total	ND	mg/kg	80	12.	1	10/01/15 05:07	10/01/15 11:45	1,6010C	TT
Thallium, Total	ND	mg/kg	0.80	0.16	1	10/01/15 05:07	10/01/15 11:45	1,6010C	TT
Vanadium, Total	ND	mg/kg	0.40	0.04	1	10/01/15 05:07	10/01/15 11:45	1,6010C	TT
Zinc, Total	ND	mg/kg	2.0	0.28	1	10/01/15 05:07	10/01/15 11:45	1,6010C	TT

### Prep Information

Digestion Method: EPA 3050B



Project Name: PARAGON PAINT AND VARNISH SITE

Lab Number: L1524605

Project Number: 2051.0001Y000

Report Date: 10/05/15

## Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01 Batch: WG827214-1									
Mercury, Total	ND	mg/l	0.00020	0.00006	1	10/02/15 09:26	10/02/15 21:23	1,7470A	EA

### Prep Information

Digestion Method: EPA 7470A



### Lab Control Sample Analysis Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 07-08 Batch: WG826692-2 SRM Lot Number: D088-540								
Mercury, Total	101		-		72-128	-		

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG826702-2					
Aluminum, Total	100	-	80-120	-	
Antimony, Total	94	-	80-120	-	
Arsenic, Total	110	-	80-120	-	
Barium, Total	98	-	80-120	-	
Beryllium, Total	95	-	80-120	-	
Cadmium, Total	108	-	80-120	-	
Calcium, Total	90	-	80-120	-	
Chromium, Total	95	-	80-120	-	
Cobalt, Total	99	-	80-120	-	
Copper, Total	100	-	80-120	-	
Iron, Total	87	-	80-120	-	
Lead, Total	105	-	80-120	-	
Magnesium, Total	100	-	80-120	-	
Manganese, Total	86	-	80-120	-	
Nickel, Total	100	-	80-120	-	
Potassium, Total	100	-	80-120	-	
Selenium, Total	115	-	80-120	-	
Silver, Total	99	-	80-120	-	
Sodium, Total	110	-	80-120	-	
Thallium, Total	107	-	80-120	-	
Vanadium, Total	101	-	80-120	-	

**Lab Control Sample Analysis****Batch Quality Control****Project Name:** PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524605**Project Number:** 2051.0001Y000**Report Date:** 10/05/15

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>LCSD %Recovery</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>RPD Limits</b>
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG826702-2					
Zinc, Total	102	-	80-120	-	

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 07-08 Batch: WG826717-2 SRM Lot Number: D088-540					
Aluminum, Total	86	-	48-151	-	
Antimony, Total	178	-	1-208	-	
Arsenic, Total	105	-	79-121	-	
Barium, Total	88	-	83-117	-	
Beryllium, Total	96	-	83-117	-	
Cadmium, Total	96	-	83-117	-	
Calcium, Total	90	-	81-119	-	
Chromium, Total	101	-	80-120	-	
Cobalt, Total	102	-	84-115	-	
Copper, Total	98	-	81-118	-	
Iron, Total	110	-	45-155	-	
Lead, Total	87	-	81-117	-	
Magnesium, Total	98	-	76-124	-	
Manganese, Total	93	-	81-118	-	
Nickel, Total	100	-	83-117	-	
Potassium, Total	100	-	71-129	-	
Selenium, Total	102	-	78-122	-	
Silver, Total	91	-	75-124	-	
Sodium, Total	92	-	72-127	-	
Thallium, Total	100	-	80-120	-	
Vanadium, Total	95	-	78-122	-	

### Lab Control Sample Analysis Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 07-08 Batch: WG826717-2 SRM Lot Number: D088-540					
Zinc, Total	97	-	82-118	-	
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG827214-2					
Mercury, Total	101	-	80-120	-	

**Matrix Spike Analysis**  
Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

<b>Parameter</b>	<b>Native Sample</b>	<b>MS Added</b>	<b>MS Found</b>	<b>MS %Recovery</b>	<b>MSD Qual</b>	<b>MSD Found</b>	<b>MSD %Recovery</b>	<b>MSD Qual</b>	<b>Recovery Limits</b>	<b>RPD Qual</b>	<b>RPD Limits</b>
Total Metals - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG826692-4 QC Sample: L1524607-01 Client ID: MS Sample											
Mercury, Total	0.03J	0.139	0.15	108	-	-	-	-	80-120	-	20

### Matrix Spike Analysis Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01    QC Batch ID: WG826702-4    QC Sample: L1524626-07    Client ID: MS Sample									
Aluminum, Total	0.03J	2	2.1	105	-	-	75-125	-	20
Antimony, Total	0.0176J	0.5	0.521	104	-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.134	112	-	-	75-125	-	20
Barium, Total	0.040	2	2.03	100	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.049	98	-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.055	108	-	-	75-125	-	20
Calcium, Total	19.	10	28	90	-	-	75-125	-	20
Chromium, Total	0.004J	0.2	0.19	95	-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.486	97	-	-	75-125	-	20
Copper, Total	0.0028J	0.25	0.252	101	-	-	75-125	-	20
Iron, Total	0.28	1	1.2	92	-	-	75-125	-	20
Lead, Total	ND	0.51	0.514	101	-	-	75-125	-	20
Magnesium, Total	4.9	10	15	101	-	-	75-125	-	20
Manganese, Total	0.228	0.5	0.649	84	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.490	98	-	-	75-125	-	20
Potassium, Total	2.3J	10	13	130	Q	-	75-125	-	20
Selenium, Total	ND	0.12	0.138	115	-	-	75-125	-	20
Silver, Total	ND	0.05	0.050	99	-	-	75-125	-	20
Sodium, Total	92.	10	100	80	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.121	101	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.506	101	-	-	75-125	-	20

**Matrix Spike Analysis**  
Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

<b>Parameter</b>	<b>Native Sample</b>	<b>MS Added</b>	<b>MS Found</b>	<b>MS %Recovery</b>	<b>MSD Found</b>	<b>MSD %Recovery</b>	<b>Recovery Limits</b>	<b>RPD</b>	<b>RPD Limits</b>
Total Metals - Westborough Lab Associated sample(s): 01    QC Batch ID: WG826702-4    QC Sample: L1524626-07    Client ID: MS Sample									
Zinc, Total	ND	0.5	0.514	103	-	-	75-125	-	20



### Matrix Spike Analysis Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG826717-4 QC Sample: L1524564-01 Client ID: MS Sample									
Aluminum, Total	10000	208	12000	963	Q	-	75-125	-	20
Antimony, Total	0.95J	51.9	44	85		-	75-125	-	20
Arsenic, Total	17.	12.5	24	56	Q	-	75-125	-	20
Barium, Total	80.	208	250	82		-	75-125	-	20
Beryllium, Total	0.57	5.19	5.0	85		-	75-125	-	20
Cadmium, Total	ND	5.3	4.3	81		-	75-125	-	20
Calcium, Total	12000	1040	6000	0	Q	-	75-125	-	20
Chromium, Total	51.	20.8	57	29	Q	-	75-125	-	20
Cobalt, Total	6.2	51.9	48	80		-	75-125	-	20
Copper, Total	81.	26	72	0	Q	-	75-125	-	20
Iron, Total	26000	104	24000	0	Q	-	75-125	-	20
Lead, Total	390	53	350	0	Q	-	75-125	-	20
Magnesium, Total	7300	1040	4600	0	Q	-	75-125	-	20
Manganese, Total	1100	51.9	570	0	Q	-	75-125	-	20
Nickel, Total	16.	51.9	58	81		-	75-125	-	20
Potassium, Total	830	1040	1900	103		-	75-125	-	20
Selenium, Total	ND	12.5	10	80		-	75-125	-	20
Silver, Total	ND	31.2	30	96		-	75-125	-	20
Sodium, Total	130J	1040	1200	116		-	75-125	-	20
Thallium, Total	ND	12.5	9.2	74	Q	-	75-125	-	20
Vanadium, Total	38.	51.9	78	77		-	75-125	-	20

**Matrix Spike Analysis**  
Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG826717-4 QC Sample: L1524564-01 Client ID: MS Sample									
Zinc, Total	140	51.9	170	58	Q	-	75-125	-	20
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG827214-4 QC Sample: L1524605-01 Client ID: FB093015									
Mercury, Total	ND	0.005	0.00520	104	-	-	80-120	-	20

## Lab Duplicate Analysis

Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE

**Project Number:** 2051.0001Y000

**Lab Number:** L1524605

**Report Date:** 10/05/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG826692-3 QC Sample: L1524607-01 Client ID: DUP Sample						
Mercury, Total	0.03J	ND	mg/kg	NC		20

## Lab Duplicate Analysis

Batch Quality Control

Project Name: PARAGON PAINT AND VARNISH SITE

Project Number: 2051.0001Y000

Lab Number: L1524605

Report Date: 10/05/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG826702-3 QC Sample: L1524626-07 Client ID: DUP Sample					
Aluminum, Total	0.03J	ND	mg/l	NC	20
Antimony, Total	0.0176J	ND	mg/l	NC	20
Arsenic, Total	ND	ND	mg/l	NC	20
Barium, Total	0.040	0.039	mg/l	3	20
Beryllium, Total	ND	ND	mg/l	NC	20
Cadmium, Total	ND	ND	mg/l	NC	20
Calcium, Total	19.	18	mg/l	5	20
Chromium, Total	0.004J	0.004J	mg/l	NC	20
Cobalt, Total	ND	ND	mg/l	NC	20
Copper, Total	0.0028J	0.0025J	mg/l	NC	20
Iron, Total	0.28	0.26	mg/l	7	20
Lead, Total	ND	ND	mg/l	NC	20
Magnesium, Total	4.9	4.8	mg/l	2	20
Manganese, Total	0.228	0.211	mg/l	8	20
Nickel, Total	ND	ND	mg/l	NC	20
Potassium, Total	2.3J	2.3J	mg/l	NC	20
Selenium, Total	ND	ND	mg/l	NC	20
Silver, Total	ND	ND	mg/l	NC	20
Sodium, Total	92.	90	mg/l	2	20

## Lab Duplicate Analysis

Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE

**Project Number:** 2051.0001Y000

**Lab Number:** L1524605

**Report Date:** 10/05/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG826702-3 QC Sample: L1524626-07 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/l	NC	20
Vanadium, Total	ND	ND	mg/l	NC	20
Zinc, Total	ND	ND	mg/l	NC	20

## Lab Duplicate Analysis

Batch Quality Control

Project Name: PARAGON PAINT AND VARNISH SITE

Project Number: 2051.0001Y000

Lab Number: L1524605

Report Date: 10/05/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG826717-3 QC Sample: L1524564-01 Client ID: DUP Sample					
Aluminum, Total	10000	12000	mg/kg	18	20
Antimony, Total	0.95J	ND	mg/kg	NC	20
Arsenic, Total	17.	14	mg/kg	19	20
Barium, Total	80.	89	mg/kg	11	20
Beryllium, Total	0.57	0.51	mg/kg	11	20
Cadmium, Total	ND	0.23J	mg/kg	NC	20
Calcium, Total	12000	13000	mg/kg	8	20
Chromium, Total	51.	100	mg/kg	65	Q 20
Cobalt, Total	6.2	5.9	mg/kg	5	20
Copper, Total	81.	59	mg/kg	31	Q 20
Iron, Total	26000	27000	mg/kg	4	20
Lead, Total	390	370	mg/kg	5	20
Magnesium, Total	7300	5600	mg/kg	26	Q 20
Manganese, Total	1100	1400	mg/kg	24	Q 20
Nickel, Total	16.	16	mg/kg	0	20
Potassium, Total	830	960	mg/kg	15	20
Selenium, Total	ND	ND	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	130J	140J	mg/kg	NC	20

### Lab Duplicate Analysis Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG826717-3 QC Sample: L1524564-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	38.	54	mg/kg	35 Q	20
Zinc, Total	140	150	mg/kg	7	20
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG827214-3 QC Sample: L1524605-01 Client ID: FB093015					
Mercury, Total	ND	ND	mg/l	NC	20



# **INORGANICS & MISCELLANEOUS**



**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

**Lab ID:** L1524605-03  
**Client ID:** SC-02/2-3  
**Sample Location:** 5-49 6TH AVENUE, LONG ISLAND C  
**Matrix:** Soil

**Date Collected:** 09/30/15 15:00  
**Date Received:** 09/30/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.2		%	0.100	NA	1	-	10/01/15 02:58	30,2540G	RT



**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

**Lab ID:** L1524605-04  
**Client ID:** SC-02/3-5  
**Sample Location:** 5-49 6TH AVENUE, LONG ISLAND C  
**Matrix:** Soil

**Date Collected:** 09/30/15 15:05  
**Date Received:** 09/30/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.7		%	0.100	NA	1	-	10/01/15 02:58	30,2540G	RT



**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

**Lab ID:** L1524605-05  
**Client ID:** PD-07/2-4  
**Sample Location:** 5-49 6TH AVENUE, LONG ISLAND C  
**Matrix:** Soil

**Date Collected:** 09/30/15 11:30  
**Date Received:** 09/30/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.1		%	0.100	NA	1	-	10/01/15 02:58	30,2540G	RT



**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

**Lab ID:** L1524605-06  
**Client ID:** SC-03/2-3  
**Sample Location:** 5-49 6TH AVENUE, LONG ISLAND C  
**Matrix:** Soil

**Date Collected:** 09/30/15 15:43  
**Date Received:** 09/30/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.8		%	0.100	NA	1	-	10/01/15 02:58	30,2540G	RT



**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

**Lab ID:** L1524605-07  
**Client ID:** SC-02/2-5  
**Sample Location:** 5-49 6TH AVENUE, LONG ISLAND C  
**Matrix:** Soil

**Date Collected:** 09/30/15 15:30  
**Date Received:** 09/30/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.2		%	0.100	NA	1	-	10/01/15 02:58	30,2540G	RT



**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

**Lab ID:** L1524605-08  
**Client ID:** SC-03/2-5  
**Sample Location:** 5-49 6TH AVENUE, LONG ISLAND C  
**Matrix:** Soil

**Date Collected:** 09/30/15 15:35  
**Date Received:** 09/30/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	67.7		%	0.100	NA	1	-	10/01/15 02:58	30,2540G	RT



**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

**Lab ID:** L1524605-09  
**Client ID:** SC-03/3-5  
**Sample Location:** 5-49 6TH AVENUE, LONG ISLAND C  
**Matrix:** Soil

**Date Collected:** 09/30/15 15:47  
**Date Received:** 09/30/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.7		%	0.100	NA	1	-	10/01/15 02:58	30,2540G	RT



**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

**Lab ID:** L1524605-10  
**Client ID:** PD-08/12-14  
**Sample Location:** 5-49 6TH AVENUE, LONG ISLAND C  
**Matrix:** Soil

**Date Collected:** 09/30/15 14:00  
**Date Received:** 09/30/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.8		%	0.100	NA	1	-	10/01/15 02:58	30,2540G	RT





**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

**Lab ID:** L1524605-11  
**Client ID:** SC-01/2-3  
**Sample Location:** 5-49 6TH AVENUE, LONG ISLAND C  
**Matrix:** Soil

**Date Collected:** 09/30/15 14:45  
**Date Received:** 09/30/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.5		%	0.100	NA	1	-	10/01/15 02:58	30,2540G	RT



**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

**Lab ID:** L1524605-12  
**Client ID:** PD-05/4-6  
**Sample Location:** 5-49 6TH AVENUE, LONG ISLAND C  
**Matrix:** Soil

**Date Collected:** 09/30/15 14:30  
**Date Received:** 09/30/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.6		%	0.100	NA	1	-	10/01/15 02:58	30,2540G	RT



**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

**Lab ID:** L1524605-13  
**Client ID:** PD-07/8-10  
**Sample Location:** 5-49 6TH AVENUE, LONG ISLAND C  
**Matrix:** Soil

**Date Collected:** 09/30/15 11:32  
**Date Received:** 09/30/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.8		%	0.100	NA	1	-	10/01/15 02:58	30,2540G	RT



**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**SAMPLE RESULTS**

**Lab ID:** L1524605-14  
**Client ID:** SC-01/3-5  
**Sample Location:** 5-49 6TH AVENUE, LONG ISLAND C  
**Matrix:** Soil

**Date Collected:** 09/30/15 14:50  
**Date Received:** 09/30/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.1		%	0.100	NA	1	-	10/01/15 02:58	30,2540G	RT



## Lab Duplicate Analysis

Batch Quality Control

**Project Name:** PARAGON PAINT AND VARNISH SITE

**Project Number:** 2051.0001Y000

**Lab Number:** L1524605

**Report Date:** 10/05/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 03-14 QC Batch ID: WG826695-1 QC Sample: L1524541-01 Client ID: DUP Sample						
Solids, Total	94.0	93.8	%	0		20

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

### Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

#### Cooler Information Custody Seal

##### Cooler

A Absent

#### Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1524605-01A	Vial HCl preserved	A	N/A	4.7	Y	Absent	NYTCL-8260(14)
L1524605-01B	Vial HCl preserved	A	N/A	4.7	Y	Absent	NYTCL-8260(14)
L1524605-01C	Vial HCl preserved	A	N/A	4.7	Y	Absent	NYTCL-8260(14)
L1524605-01D	Plastic 500ml HNO3 preserved	A	<2	4.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1524605-01E	Amber 500ml unpreserved	A	7	4.7	Y	Absent	NYTCL-8081(7)
L1524605-01F	Amber 500ml unpreserved	A	7	4.7	Y	Absent	NYTCL-8081(7)
L1524605-01G	Amber 1000ml unpreserved	A	7	4.7	Y	Absent	NYTCL-8082-1200ML(7)
L1524605-01H	Amber 1000ml unpreserved	A	7	4.7	Y	Absent	NYTCL-8082-1200ML(7)
L1524605-01I	Amber 1000ml unpreserved	A	7	4.7	Y	Absent	NYTCL-8270(7)
L1524605-01J	Amber 1000ml unpreserved	A	7	4.7	Y	Absent	NYTCL-8270(7)
L1524605-02A	Vial HCl preserved	A	N/A	4.7	Y	Absent	NYTCL-8260(14)
L1524605-02B	Vial HCl preserved	A	N/A	4.7	Y	Absent	NYTCL-8260(14)
L1524605-03A	5 gram Encore Sampler	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(2)
L1524605-03B	5 gram Encore Sampler	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(2)
L1524605-03C	5 gram Encore Sampler	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(2)
L1524605-03D	Plastic 2oz unpreserved for TS	A	N/A	4.7	Y	Absent	TS(7)
L1524605-03X	Vial MeOH preserved split	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(14)
L1524605-03Y	Vial Water preserved split	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(14)
L1524605-03Z	Vial Water preserved split	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(14)
L1524605-04A	5 gram Encore Sampler	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(2)
L1524605-04B	5 gram Encore Sampler	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(2)

\*Values in parentheses indicate holding time in days



**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**Container Information**

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1524605-04C	5 gram Encore Sampler	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(2)
L1524605-04D	Plastic 2oz unpreserved for TS	A	N/A	4.7	Y	Absent	TS(7)
L1524605-04X	Vial MeOH preserved split	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(14)
L1524605-04Y	Vial Water preserved split	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(14)
L1524605-04Z	Vial Water preserved split	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(14)
L1524605-05A	5 gram Encore Sampler	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(2)
L1524605-05B	5 gram Encore Sampler	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(2)
L1524605-05C	5 gram Encore Sampler	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(2)
L1524605-05D	Plastic 2oz unpreserved for TS	A	N/A	4.7	Y	Absent	TS(7)
L1524605-05X	Vial MeOH preserved split	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(14)
L1524605-05Y	Vial Water preserved split	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(14)
L1524605-05Z	Vial Water preserved split	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(14)
L1524605-06A	5 gram Encore Sampler	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(2)
L1524605-06B	5 gram Encore Sampler	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(2)
L1524605-06C	5 gram Encore Sampler	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(2)
L1524605-06D	Plastic 2oz unpreserved for TS	A	N/A	4.7	Y	Absent	TS(7)
L1524605-06X	Vial MeOH preserved split	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(14)
L1524605-06Y	Vial Water preserved split	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(14)
L1524605-06Z	Vial Water preserved split	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(14)
L1524605-07A	Glass 250ml/8oz unpreserved	A	N/A	4.7	Y	Absent	NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(14)
L1524605-07B	Glass 250ml/8oz unpreserved	A	N/A	4.7	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1524605-08A	Glass 250ml/8oz unpreserved	A	N/A	4.7	Y	Absent	NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(14)

\*Values in parentheses indicate holding time in days



**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

**Container Information**

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1524605-08B	Glass 250ml/8oz unpreserved	A	N/A	4.7	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1524605-09A	5 gram Encore Sampler	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(2)
L1524605-09B	5 gram Encore Sampler	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(2)
L1524605-09C	5 gram Encore Sampler	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(2)
L1524605-09D	Plastic 2oz unpreserved for TS	A	N/A	4.7	Y	Absent	TS(7)
L1524605-09X	Vial MeOH preserved split	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(14)
L1524605-09Y	Vial Water preserved split	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(14)
L1524605-09Z	Vial Water preserved split	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(14)
L1524605-10A	5 gram Encore Sampler	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(2)
L1524605-10B	5 gram Encore Sampler	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(2)
L1524605-10C	5 gram Encore Sampler	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(2)
L1524605-10D	Plastic 2oz unpreserved for TS	A	N/A	4.7	Y	Absent	TS(7)
L1524605-10X	Vial MeOH preserved split	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(14)
L1524605-10Y	Vial Water preserved split	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(14)
L1524605-10Z	Vial Water preserved split	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(14)
L1524605-11A	5 gram Encore Sampler	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(2)
L1524605-11B	5 gram Encore Sampler	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(2)
L1524605-11C	5 gram Encore Sampler	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(2)
L1524605-11D	Plastic 2oz unpreserved for TS	A	N/A	4.7	Y	Absent	TS(7)
L1524605-11X	Vial MeOH preserved split	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(14)
L1524605-11Y	Vial Water preserved split	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(14)
L1524605-11Z	Vial Water preserved split	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(14)
L1524605-12A	5 gram Encore Sampler	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(2)
L1524605-12B	5 gram Encore Sampler	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(2)
L1524605-12C	5 gram Encore Sampler	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(2)
L1524605-12D	Plastic 2oz unpreserved for TS	A	N/A	4.7	Y	Absent	TS(7)
L1524605-12X	Vial MeOH preserved split	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(14)
L1524605-12Y	Vial Water preserved split	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(14)
L1524605-12Z	Vial Water preserved split	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(14)

\*Values in parentheses indicate holding time in days





**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

### Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1524605-13A	5 gram Encore Sampler	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(2)
L1524605-13B	5 gram Encore Sampler	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(2)
L1524605-13C	5 gram Encore Sampler	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(2)
L1524605-13D	Plastic 2oz unpreserved for TS	A	N/A	4.7	Y	Absent	TS(7)
L1524605-13X	Vial MeOH preserved split	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(14)
L1524605-13Y	Vial Water preserved split	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(14)
L1524605-13Z	Vial Water preserved split	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(14)
L1524605-14A	5 gram Encore Sampler	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(2)
L1524605-14B	5 gram Encore Sampler	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(2)
L1524605-14C	5 gram Encore Sampler	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(2)
L1524605-14D	Plastic 2oz unpreserved for TS	A	N/A	4.7	Y	Absent	TS(7)
L1524605-14X	Vial MeOH preserved split	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(14)
L1524605-14Y	Vial Water preserved split	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(14)
L1524605-14Z	Vial Water preserved split	A	N/A	4.7	Y	Absent	NYTCL-8260HLW(14)

### Container Comments

L1524605-02B

\*Values in parentheses indicate holding time in days

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

## GLOSSARY

### Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

### Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.
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### Terms

**Total:** With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

**Analytical Method:** Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

### Data Qualifiers

<b>A</b>	- Spectra identified as "Aldol Condensation Product".
<b>B</b>	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
<b>C</b>	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

**Report Format:** DU Report with 'J' Qualifiers



**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

#### Data Qualifiers

- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e., co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

**Project Name:** PARAGON PAINT AND VARNISH SITE  
**Project Number:** 2051.0001Y000

**Lab Number:** L1524605  
**Report Date:** 10/05/15

## REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



## Certification Information

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The following analytes are not included in our Primary NELAP Scope of Accreditation:

### Westborough Facility

**EPA 8260C:** 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide) (soil), Methyl methacrylate (soil), Azobenzene.

**EPA 8270D:** Dimethylnaphthalene, 1,4-Diphenylhydrazine.

**EPA 625:** 4-Chloroaniline, 4-Methylphenol.

**SM4500:** Soil: Total Phosphorus, TKN, NO<sub>2</sub>, NO<sub>3</sub>.

### Mansfield Facility

**EPA 8270D:** Biphenyl.

**EPA 2540D:** TSS

**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

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The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

### Drinking Water

**EPA 200.8:** Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;

**EPA 300.0:** Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

**EPA 332:** Perchlorate.

**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

### Non-Potable Water

**EPA 200.8:** Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;

**EPA 200.7:** Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;

**EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F,**

**EPA 353.2:** Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**

**EPA 624:** Volatile Halocarbons & Aromatics,

**EPA 608:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

**EPA 625:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

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For a complete listing of analytes and methods, please contact your Alpha Project Manager.





**NEW YORK CHAIN OF CUSTODY**

Westborough, MA 01581  
8 Walkup Dr.  
TEL: 508-898-9220  
FAX: 508-898-9193

Mansfield, MA 02048  
320 Forbes Blvd  
TEL: 508-822-9300  
FAX: 508-822-3288

**Service Centers**  
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5  
Albany, NY 12205: 14 Walker Way  
Tonawanda, NY 14160: 276 Cooper Ave, Suite 105

Page 1  
of 2

Date Rec'd in Lab 10/11/15

ALPHA Job # L1524605

**Project Information**  
Project Name: Paragon Paint and Varnish Site  
Project Location: 5-49 46th Avenue, Long Island City, NY  
Project #: 2051.0001Y000

**Deliverables**  
 ASP-A  ASP-B  
 EQUIS (1 File)  EQUIS (4 File)  
 Other

**Billing Information**  
 Same as Client Info  
PO #

(Use Project name as Project #)   
Project Manager: Roux: Richard Maxwell / Alpha: Karyn Raymond  
ALPHAQuote #:

**Regulatory Requirement**  
 NY TOGS  NY Part 375  
 AWQ Standards  NY CP-51  
 NY Restricted Use  Other  
 NY Unrestricted Use  
 NYC Sewer Discharge

**Disposal Site Information**  
Please identify below location of applicable disposal facilities.  
Disposal Facility:  
 NJ  NY  
 Other:

**Turn-Around Time**  
Standard  Due Date:  
Rush (only if pre approved)  # of Days: 3

**Client Information**  
Client: Roux Associates, Inc.  
Address: 209 Shafter St  
Islandia, New York 11749  
Phone: (631)232-2600  
Fax: (631)232-9898  
Email: rmaxwell@rouxinc.com

**Other project specific requirements/comments:**  
  
**Please specify Metals or TAL.**

**ANALYSIS**

TCL VOCs	TCL SVOCs	TAL Metals	TCL PCBs	TCL Pests

**Sample Filtration**  
 Done  
 Lab to do  
**Preservation**  
 Lab to do  
*(Please Specify below)*

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	TAL Metals	TCL PCBs	TCL Pests	Sample Specific Comments
		Date	Time								
24605-01	FB093015	9/30/2015	1201	FB	RRH	X	X	X	X	X	
02	TB093015	9/30/2015	--	TB	LAB	X					
03	SC-02/2-3	9/30/15	1500	S	RRH	X					
04	SC-02/3-5	9/30/15	1505	S	RRH	X					
05	PD-07/2-4	9/30/15	1130	S	RRH	X					
06	SC-03/2-3	9/30/15	1543	S	RRH	X					
07	SC-02/12-5	9/30/15	1530	S	RRH	X	X	X	X	X	
08	SC-03/12-5	9/30/15	1535	S	RRH	X	X	X	X	X	
09	SC-03/3-5	9/30/15	1542	S	RRH	X					
10	PD-08/12-14	9/30/15	1400	S	RRH	X					
11	SC-01/2-3	9/30	1445	S	RRH	X					

Preservative Code:  
A = None  
B = HCl  
C = HNO<sub>3</sub>  
D = H<sub>2</sub>SO<sub>4</sub>  
E = NaOH  
F = MeOH  
G = NaHSO<sub>4</sub>  
H = Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>  
K/E = Zn Ac/NaOH  
O = Other

Container Code:  
P = Plastic  
A = Amber Glass  
V = Vial  
G = Glass  
B = Bacteria Cup  
C = Cube  
O = Other  
E = Encore  
D = BOD Bottle


Westboro: Certification No: MA935  
Mansfield: Certification No: MA015

Container Type: E A A A A  
Preservative: A A A A A

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Relinquished By: <i>[Signature]</i>	Date/Time: 9/30/15 16:30	Received By: <i>[Signature]</i>	Date/Time: 9/30/15 16:30
<i>[Signature]</i>	9/30/15 18:20	<i>[Signature]</i>	9/30/15 18:20
<i>[Signature]</i>	10/11/15 01:15	<i>[Signature]</i>	10/11/15 01:15



 Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	<b>NEW YORK CHAIN OF CUSTODY</b> Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	<b>Service Centers</b> Mahwah, NJ 07430: 36 Whitney Rd, Suite 6 Albany, NY 12206: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page	2	Date Rec'd in Lab 10/1/15	ALPHA Job #	L1524605														
		of		2																	
		<b>Project Information</b> Project Name: Paragon Paint and Varnish Site Project Location: 5-49 46th Avenue, Long Island City, NY Project #: 2051.0001Y000 (Use Project name as Project #) <input type="checkbox"/>		<b>Deliverables</b> <input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		<b>Billing Information</b> <input checked="" type="checkbox"/> Same as Client Info PO #															
<b>Client Information</b> Client: Roux Associates, Inc. Address: 209 Shafter St Islandia, New York 11749 Phone: (631)232-2600 Fax: (631)232-9898 Email: rmaxwell@rouxinc.com		Project Manager: Roux: Richard Maxwell / Alpha: Karyn Raymond ALPHAQuote #: Turn-Around Time Standard <input type="checkbox"/> Due Date: Rush (only if pre approved) <input checked="" type="checkbox"/> # of Days: 3		<b>Regulatory Requirement</b> <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		<b>Disposal Site Information</b> Please identify below location of applicable disposal facilities. Disposal Facility: <input checked="" type="checkbox"/> NJ <input checked="" type="checkbox"/> NY <input type="checkbox"/> Other.															
Other project specific requirements/comments:						<b>ANALYSIS</b>		<b>Sample Filtration</b> <input type="checkbox"/> Done <input type="checkbox"/> Lab to do <b>Preservation</b> <input type="checkbox"/> Lab to do (Please Specify below)													
Please specify Metals or TAL.						TCL VOCs	TCL SVOCs	TAL Metals	TCL PCBs	TCL <del>pest</del> Pest	Total Bottles										
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials																
		Date	Time																		
24605-12	PD-05/4-6	9/30/15	1430	S	RRH	X					4										
13	PD-07/8-10	9/30/15	1132	S	RRH	X					4										
14	SC-01/3-5	9/30/15	1450	S	RRH	X					4										
Preservative Code: A = None B = HCl C = HNO <sub>3</sub> D = H <sub>2</sub> SO <sub>4</sub> E = NaOH F = MeOH G = NaHSO <sub>4</sub> H = Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> K/E = Zn Ac/NaOH O = Other						Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle						Westboro: Certification No: MA935 Mansfield: Certification No: MA015						Container Type: E Preservative: A		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.	
Relinquished By:		Date/Time		Received By:		Date/Time															
Rachelle Penko		9/30/15 16:30		Dana Hill AAC		9/30/15 16:30															
Dana Hill (K-AL)		9/30/15 18:20		Tom Tabor		9/30/15 18:20															
Tom Tabor		10/1/15 01:15		Glenn Hill		10/1/15 01:15															
Form No: 01-25 (rev. 30-Sept-2013)																					



## ANALYTICAL REPORT

Lab Number:	L1526871
Client:	Roux Associates, Inc. 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Rich Maxwell
Phone:	(631) 232-2600
Project Name:	FORMER PARAGON PAINT & VARNISH
Project Number:	2051.0001Y000
Report Date:	10/28/15

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

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Eight Walkup Drive, Westborough, MA 01581-1019  
508-898-9220 (Fax) 508-898-9193 800-624-9220 - [www.alphalab.com](http://www.alphalab.com)





**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1526871-01	FB102115	WATER	5-49 46TH AVENUE, LONG ISLAND CITY, NY	10/21/15 15:00	10/21/15
L1526871-02	TB102115	WATER	5-49 46TH AVENUE, LONG ISLAND CITY, NY	10/21/15 00:00	10/21/15
L1526871-03	SP-GARAGE (0-100)	SOIL	5-49 46TH AVENUE, LONG ISLAND CITY, NY	10/21/15 14:45	10/21/15
L1526871-04	SP-GARAGE (0-50)	SOIL	5-49 46TH AVENUE, LONG ISLAND CITY, NY	10/21/15 14:46	10/21/15
L1526871-05	SP-GARAGE (50-100)	SOIL	5-49 46TH AVENUE, LONG ISLAND CITY, NY	10/21/15 14:48	10/21/15
L1526871-06	SP-SHED (0-100)	SOIL	5-49 46TH AVENUE, LONG ISLAND CITY, NY	10/21/15 14:30	10/21/15
L1526871-07	SP-SHED (0-50)	SOIL	5-49 46TH AVENUE, LONG ISLAND CITY, NY	10/21/15 14:36	10/21/15
L1526871-08	SP-SHED (50-100)	SOIL	5-49 46TH AVENUE, LONG ISLAND CITY, NY	10/21/15 14:38	10/21/15

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

### Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

#### HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

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**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

### Case Narrative (continued)

#### Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

#### Volatile Organics

L1526871-08: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

#### PCBs

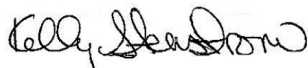
L1526871-06: The surrogate recoveries are below the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (0%) and decachlorobiphenyl (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

#### Metals

L1526871-03 and -06: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 10/28/15

# ORGANICS

# VOLATILES

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

**Lab ID:** L1526871-01  
**Client ID:** FB102115  
**Sample Location:** 5-49 46TH AVENUE, LONG ISLAND CITY, NY  
**Matrix:** Water  
**Analytical Method:** 1,8260C  
**Analytical Date:** 10/22/15 18:41  
**Analyst:** MS

**Date Collected:** 10/21/15 15:00  
**Date Received:** 10/21/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

**Lab ID:** L1526871-01  
**Client ID:** FB102115  
**Sample Location:** 5-49 46TH AVENUE, LONG ISLAND CITY, NY

**Date Collected:** 10/21/15 15:00  
**Date Received:** 10/21/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	95		70-130

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

**Lab ID:** L1526871-02  
**Client ID:** TB102115  
**Sample Location:** 5-49 46TH AVENUE, LONG ISLAND CITY, NY  
**Matrix:** Water  
**Analytical Method:** 1,8260C  
**Analytical Date:** 10/22/15 19:15  
**Analyst:** MS

**Date Collected:** 10/21/15 00:00  
**Date Received:** 10/21/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1



**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

**Lab ID:** L1526871-02  
**Client ID:** TB102115  
**Sample Location:** 5-49 46TH AVENUE, LONG ISLAND CITY, NY

**Date Collected:** 10/21/15 00:00  
**Date Received:** 10/21/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	97		70-130

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

**Lab ID:** L1526871-04  
**Client ID:** SP-GARAGE (0-50)  
**Sample Location:** 5-49 46TH AVENUE, LONG ISLAND CITY, NY  
**Matrix:** Soil  
**Analytical Method:** 1,8260C  
**Analytical Date:** 10/27/15 12:53  
**Analyst:** BN  
**Percent Solids:** 86%

**Date Collected:** 10/21/15 14:46  
**Date Received:** 10/21/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.10	1
Chloroform	ND		ug/kg	1.7	0.43	1
Carbon tetrachloride	ND		ug/kg	1.2	0.24	1
1,2-Dichloropropane	ND		ug/kg	4.1	0.26	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.35	1
Tetrachloroethene	ND		ug/kg	1.2	0.16	1
Chlorobenzene	ND		ug/kg	1.2	0.40	1
Trichlorofluoromethane	ND		ug/kg	5.8	0.45	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	4.6	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.7	0.23	1
Ethylbenzene	ND		ug/kg	1.2	0.15	1
Chloromethane	ND		ug/kg	5.8	0.34	1
Bromomethane	ND		ug/kg	2.3	0.39	1
Vinyl chloride	ND		ug/kg	2.3	0.14	1
Chloroethane	ND		ug/kg	2.3	0.37	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.25	1
Trichloroethene	ND		ug/kg	1.2	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.8	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	5.8	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	5.8	0.16	1

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

**Lab ID:** L1526871-04  
**Client ID:** SP-GARAGE (0-50)  
**Sample Location:** 5-49 46TH AVENUE, LONG ISLAND CITY, NY

**Date Collected:** 10/21/15 14:46  
**Date Received:** 10/21/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/kg	2.3	0.10	1
p/m-Xylene	ND		ug/kg	2.3	0.23	1
o-Xylene	ND		ug/kg	2.3	0.20	1
Xylenes, Total	ND		ug/kg	2.3	0.20	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.16	1
Styrene	ND		ug/kg	2.3	0.47	1
Dichlorodifluoromethane	ND		ug/kg	12	0.22	1
Acetone	ND		ug/kg	12	1.2	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	ND		ug/kg	12	0.32	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.28	1
2-Hexanone	ND		ug/kg	12	0.77	1
Bromochloromethane	ND		ug/kg	5.8	0.32	1
1,2-Dibromoethane	ND		ug/kg	4.6	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.14	1
tert-Butylbenzene	ND		ug/kg	5.8	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.8	0.46	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
n-Propylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.8	0.17	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.8	0.21	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.8	0.17	1
1,4-Dioxane	ND		ug/kg	120	17.	1
Freon-113	ND		ug/kg	23	0.32	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	103		70-130

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

Lab ID: L1526871-05  
 Client ID: SP-GARAGE (50-100)  
 Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 10/27/15 13:19  
 Analyst: BN  
 Percent Solids: 93%

Date Collected: 10/21/15 14:48  
 Date Received: 10/21/15  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.40	1
Carbon tetrachloride	ND		ug/kg	1.1	0.22	1
1,2-Dichloropropane	ND		ug/kg	3.8	0.24	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.33	1
Tetrachloroethene	ND		ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.37	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.42	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
Bromoform	ND		ug/kg	4.3	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.11	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.6	0.21	1
Ethylbenzene	ND		ug/kg	1.1	0.14	1
Chloromethane	ND		ug/kg	5.4	0.32	1
Bromomethane	ND		ug/kg	2.2	0.36	1
Vinyl chloride	ND		ug/kg	2.2	0.13	1
Chloroethane	ND		ug/kg	2.2	0.34	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Trichloroethene	ND		ug/kg	1.1	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	5.4	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	5.4	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	5.4	0.15	1

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

Lab ID: L1526871-05  
 Client ID: SP-GARAGE (50-100)  
 Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY

Date Collected: 10/21/15 14:48  
 Date Received: 10/21/15  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/kg	2.2	0.09	1
p/m-Xylene	ND		ug/kg	2.2	0.21	1
o-Xylene	ND		ug/kg	2.2	0.18	1
Xylenes, Total	ND		ug/kg	2.2	0.18	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.15	1
Styrene	ND		ug/kg	2.2	0.43	1
Dichlorodifluoromethane	ND		ug/kg	11	0.20	1
Acetone	ND		ug/kg	11	1.1	1
Carbon disulfide	ND		ug/kg	11	1.2	1
2-Butanone	ND		ug/kg	11	0.29	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.26	1
2-Hexanone	ND		ug/kg	11	0.72	1
Bromochloromethane	ND		ug/kg	5.4	0.30	1
1,2-Dibromoethane	ND		ug/kg	4.3	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.13	1
tert-Butylbenzene	ND		ug/kg	5.4	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.4	0.42	1
Isopropylbenzene	ND		ug/kg	1.1	0.11	1
n-Propylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.4	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.4	0.20	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.4	0.15	1
1,4-Dioxane	ND		ug/kg	110	16.	1
Freon-113	ND		ug/kg	22	0.29	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	102		70-130

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

**Lab ID:** L1526871-07  
**Client ID:** SP-SHED (0-50)  
**Sample Location:** 5-49 46TH AVENUE, LONG ISLAND CITY, NY  
**Matrix:** Soil  
**Analytical Method:** 1,8260C  
**Analytical Date:** 10/27/15 13:44  
**Analyst:** BN  
**Percent Solids:** 91%

**Date Collected:** 10/21/15 14:36  
**Date Received:** 10/21/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.41	1
Carbon tetrachloride	ND		ug/kg	1.1	0.23	1
1,2-Dichloropropane	ND		ug/kg	3.8	0.25	1
Dibromochloromethane	ND		ug/kg	1.1	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.33	1
Tetrachloroethene	ND		ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.38	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.42	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
Bromoform	ND		ug/kg	4.4	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.11	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.6	0.21	1
Ethylbenzene	ND		ug/kg	1.1	0.14	1
Chloromethane	ND		ug/kg	5.5	0.32	1
Bromomethane	ND		ug/kg	2.2	0.37	1
Vinyl chloride	ND		ug/kg	2.2	0.13	1
Chloroethane	ND		ug/kg	2.2	0.35	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Trichloroethene	ND		ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.5	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	5.5	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.5	0.15	1

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

**Lab ID:** L1526871-07  
**Client ID:** SP-SHED (0-50)  
**Sample Location:** 5-49 46TH AVENUE, LONG ISLAND CITY, NY

**Date Collected:** 10/21/15 14:36  
**Date Received:** 10/21/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/kg	2.2	0.09	1
p/m-Xylene	ND		ug/kg	2.2	0.22	1
o-Xylene	ND		ug/kg	2.2	0.19	1
Xylenes, Total	ND		ug/kg	2.2	0.19	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
Styrene	ND		ug/kg	2.2	0.44	1
Dichlorodifluoromethane	ND		ug/kg	11	0.21	1
Acetone	12		ug/kg	11	1.1	1
Carbon disulfide	ND		ug/kg	11	1.2	1
2-Butanone	ND		ug/kg	11	0.30	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.27	1
2-Hexanone	ND		ug/kg	11	0.73	1
Bromochloromethane	ND		ug/kg	5.5	0.30	1
1,2-Dibromoethane	ND		ug/kg	4.4	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.13	1
tert-Butylbenzene	ND		ug/kg	5.5	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.5	0.43	1
Isopropylbenzene	ND		ug/kg	1.1	0.11	1
n-Propylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.5	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.5	0.20	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.5	0.16	1
1,4-Dioxane	ND		ug/kg	110	16.	1
Freon-113	ND		ug/kg	22	0.30	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	106		70-130

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

Lab ID: L1526871-08 D  
 Client ID: SP-SHED (50-100)  
 Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 10/27/15 14:09  
 Analyst: BN  
 Percent Solids: 86%

Date Collected: 10/21/15 14:38  
 Date Received: 10/21/15  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	580	64.	50
1,1-Dichloroethane	ND		ug/kg	87	5.0	50
Chloroform	ND		ug/kg	87	21.	50
Carbon tetrachloride	ND		ug/kg	58	12.	50
1,2-Dichloropropane	ND		ug/kg	200	13.	50
Dibromochloromethane	ND		ug/kg	58	8.9	50
1,1,2-Trichloroethane	ND		ug/kg	87	18.	50
Tetrachloroethene	ND		ug/kg	58	8.1	50
Chlorobenzene	ND		ug/kg	58	20.	50
Trichlorofluoromethane	ND		ug/kg	290	22.	50
1,2-Dichloroethane	ND		ug/kg	58	6.6	50
1,1,1-Trichloroethane	ND		ug/kg	58	6.4	50
Bromodichloromethane	ND		ug/kg	58	10.	50
trans-1,3-Dichloropropene	ND		ug/kg	58	7.0	50
cis-1,3-Dichloropropene	ND		ug/kg	58	6.8	50
Bromoform	ND		ug/kg	230	14.	50
1,1,2,2-Tetrachloroethane	ND		ug/kg	58	5.8	50
Benzene	ND		ug/kg	58	6.8	50
Toluene	31	J	ug/kg	87	11.	50
Ethylbenzene	50	J	ug/kg	58	7.4	50
Chloromethane	ND		ug/kg	290	17.	50
Bromomethane	ND		ug/kg	120	20.	50
Vinyl chloride	ND		ug/kg	120	6.8	50
Chloroethane	ND		ug/kg	120	18.	50
1,1-Dichloroethene	ND		ug/kg	58	15.	50
trans-1,2-Dichloroethene	ND		ug/kg	87	12.	50
Trichloroethene	ND		ug/kg	58	7.2	50
1,2-Dichlorobenzene	ND		ug/kg	290	8.9	50
1,3-Dichlorobenzene	ND		ug/kg	290	7.8	50
1,4-Dichlorobenzene	ND		ug/kg	290	8.0	50



**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

Lab ID: L1526871-08 D  
 Client ID: SP-SHED (50-100)  
 Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY

Date Collected: 10/21/15 14:38  
 Date Received: 10/21/15  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/kg	120	4.9	50
p/m-Xylene	240		ug/kg	120	11.	50
o-Xylene	140		ug/kg	120	10.	50
Xylenes, Total	380		ug/kg	120	10.	50
cis-1,2-Dichloroethene	ND		ug/kg	58	8.3	50
Styrene	ND		ug/kg	120	23.	50
Dichlorodifluoromethane	ND		ug/kg	580	11.	50
Acetone	ND		ug/kg	580	60.	50
Carbon disulfide	ND		ug/kg	580	64.	50
2-Butanone	ND		ug/kg	580	16.	50
4-Methyl-2-pentanone	ND		ug/kg	580	14.	50
2-Hexanone	ND		ug/kg	580	39.	50
Bromochloromethane	ND		ug/kg	290	16.	50
1,2-Dibromoethane	ND		ug/kg	230	10.	50
sec-Butylbenzene	73		ug/kg	58	7.1	50
tert-Butylbenzene	ND		ug/kg	290	7.9	50
1,2-Dibromo-3-chloropropane	ND		ug/kg	290	23.	50
Isopropylbenzene	39	J	ug/kg	58	6.0	50
n-Propylbenzene	ND		ug/kg	58	6.3	50
1,2,3-Trichlorobenzene	ND		ug/kg	290	8.6	50
1,2,4-Trichlorobenzene	ND		ug/kg	290	10.	50
1,3,5-Trimethylbenzene	380		ug/kg	290	8.3	50
1,4-Dioxane	ND		ug/kg	5800	840	50
Freon-113	ND		ug/kg	1200	16.	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	98		70-130

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 10/22/15 15:51  
Analyst: MS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG833382-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 10/22/15 15:51  
Analyst: MS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG833382-3					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	41.
Freon-113	ND		ug/l	2.5	0.70

Project Name: FORMER PARAGON PAINT &amp; VARNISH

Lab Number: L1526871

Project Number: 2051.0001Y000

Report Date: 10/28/15

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
 Analytical Date: 10/22/15 15:51  
 Analyst: MS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG833382-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	94		70-130

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 10/27/15 11:11  
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-05,07-08 Batch: WG834677-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 10/27/15 11:11  
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-05,07-08 Batch: WG834677-3					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
Xylenes, Total	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27

**Project Name:** FORMER PARAGON PAINT & VARNISH**Lab Number:** L1526871**Project Number:** 2051.0001Y000**Report Date:** 10/28/15

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8260C  
 Analytical Date: 10/27/15 11:11  
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-05,07-08 Batch: WG834677-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	93		70-130

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG833382-1 WG833382-2								
Methylene chloride	108		102		70-130	6		20
1,1-Dichloroethane	108		98		70-130	10		20
Chloroform	107		100		70-130	7		20
2-Chloroethylvinyl ether	92		97		70-130	5		20
Carbon tetrachloride	106		99		63-132	7		20
1,2-Dichloropropane	105		96		70-130	9		20
Dibromochloromethane	113		102		63-130	10		20
1,1,2-Trichloroethane	109		102		70-130	7		20
Tetrachloroethene	116		102		70-130	13		20
Chlorobenzene	106		96		75-130	10		20
Trichlorofluoromethane	124		117		62-150	6		20
1,2-Dichloroethane	112		107		70-130	5		20
1,1,1-Trichloroethane	115		107		67-130	7		20
Bromodichloromethane	110		101		67-130	9		20
trans-1,3-Dichloropropene	91		84		70-130	8		20
cis-1,3-Dichloropropene	100		96		70-130	4		20
1,1-Dichloropropene	111		106		70-130	5		20
Bromoform	102		95		54-136	7		20
1,1,2,2-Tetrachloroethane	100		94		67-130	6		20
Benzene	104		100		70-130	4		20
Toluene	107		96		70-130	11		20



## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG833382-1 WG833382-2								
Ethylbenzene	113		101		70-130	11		20
Chloromethane	55	Q	68		64-130	21	Q	20
Bromomethane	66		64		39-139	3		20
Vinyl chloride	102		92		55-140	10		20
Chloroethane	106		103		55-138	3		20
1,1-Dichloroethene	112		104		61-145	7		20
trans-1,2-Dichloroethene	106		100		70-130	6		20
Trichloroethene	107		100		70-130	7		20
1,2-Dichlorobenzene	104		97		70-130	7		20
1,3-Dichlorobenzene	99		92		70-130	7		20
1,4-Dichlorobenzene	98		93		70-130	5		20
Methyl tert butyl ether	107		106		63-130	1		20
p/m-Xylene	112		101		70-130	10		20
o-Xylene	113		102		70-130	10		20
cis-1,2-Dichloroethene	98		95		70-130	3		20
Dibromomethane	107		104		70-130	3		20
1,2,3-Trichloropropane	96		92		64-130	4		20
Acrylonitrile	106		100		70-130	6		20
Isopropyl Ether	102		97		70-130	5		20
tert-Butyl Alcohol	96		114		70-130	17		20
Styrene	113		104		70-130	8		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH

**Lab Number:** L1526871

**Project Number:** 2051.0001Y000

**Report Date:** 10/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG833382-1 WG833382-2								
Dichlorodifluoromethane	105		96		36-147	9		20
Acetone	123		121		58-148	2		20
Carbon disulfide	114		99		51-130	14		20
2-Butanone	125		130		63-138	4		20
Vinyl acetate	86		87		70-130	1		20
4-Methyl-2-pentanone	110		114		59-130	4		20
2-Hexanone	111		110		57-130	1		20
Acrolein	92		97		40-160	5		20
Bromochloromethane	122		116		70-130	5		20
2,2-Dichloropropane	95		87		63-133	9		20
1,2-Dibromoethane	104		99		70-130	5		20
1,3-Dichloropropane	107		99		70-130	8		20
1,1,1,2-Tetrachloroethane	115		103		64-130	11		20
Bromobenzene	96		87		70-130	10		20
n-Butylbenzene	105		95		53-136	10		20
sec-Butylbenzene	109		95		70-130	14		20
tert-Butylbenzene	105		90		70-130	15		20
o-Chlorotoluene	99		87		70-130	13		20
p-Chlorotoluene	98		89		70-130	10		20
1,2-Dibromo-3-chloropropane	124		125		41-144	1		20
Hexachlorobutadiene	122		108		63-130	12		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH

**Lab Number:** L1526871

**Project Number:** 2051.0001Y000

**Report Date:** 10/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG833382-1 WG833382-2								
Isopropylbenzene	116		104		70-130	11		20
p-Isopropyltoluene	106		94		70-130	12		20
Naphthalene	189	Q	207	Q	70-130	9		20
n-Propylbenzene	104		92		69-130	12		20
1,2,3-Trichlorobenzene	188	Q	189	Q	70-130	1		20
1,2,4-Trichlorobenzene	148	Q	147	Q	70-130	1		20
1,3,5-Trimethylbenzene	104		93		64-130	11		20
1,2,4-Trimethylbenzene	103		94		70-130	9		20
Methyl Acetate	103		108		70-130	5		20
Ethyl Acetate	105		109		70-130	4		20
Cyclohexane	112		104		70-130	7		20
Ethyl-Tert-Butyl-Ether	103		99		70-130	4		20
Tertiary-Amyl Methyl Ether	104		98		66-130	6		20
1,4-Dioxane	121		111		56-162	9		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	110		104		70-130	6		20
p-Diethylbenzene	115		105		70-130	9		20
p-Ethyltoluene	104		93		70-130	11		20
1,2,4,5-Tetramethylbenzene	104		93		70-130	11		20
Ethyl ether	108		104		59-134	4		20
trans-1,4-Dichloro-2-butene	88		82		70-130	7		20
Iodomethane	21	Q	23	Q	70-130	9		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH

**Lab Number:** L1526871

**Project Number:** 2051.0001Y000

**Report Date:** 10/28/15

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG833382-1 WG833382-2								
Methyl cyclohexane	114		102		70-130	11		20

<b>Surrogate</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>Acceptance Criteria</b>
1,2-Dichloroethane-d4	96		103		70-130
Toluene-d8	98		95		70-130
4-Bromofluorobenzene	89		87		70-130
Dibromofluoromethane	98		103		70-130

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05,07-08 Batch: WG834677-1 WG834677-2								
Methylene chloride	89		88		70-130	1		30
1,1-Dichloroethane	94		93		70-130	1		30
Chloroform	94		92		70-130	2		30
Carbon tetrachloride	101		99		70-130	2		30
1,2-Dichloropropane	90		89		70-130	1		30
Dibromochloromethane	91		92		70-130	1		30
2-Chloroethylvinyl ether	79		81		70-130	3		30
1,1,2-Trichloroethane	89		91		70-130	2		30
Tetrachloroethene	105		102		70-130	3		30
Chlorobenzene	97		96		70-130	1		30
Trichlorofluoromethane	100		97		70-139	3		30
1,2-Dichloroethane	86		87		70-130	1		30
1,1,1-Trichloroethane	100		98		70-130	2		30
Bromodichloromethane	87		87		70-130	0		30
trans-1,3-Dichloropropene	89		90		70-130	1		30
cis-1,3-Dichloropropene	89		89		70-130	0		30
1,1-Dichloropropene	101		98		70-130	3		30
Bromoform	83		87		70-130	5		30
1,1,2,2-Tetrachloroethane	82		85		70-130	4		30
Benzene	95		93		70-130	2		30
Toluene	99		97		70-130	2		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH

**Lab Number:** L1526871

**Project Number:** 2051.0001Y000

**Report Date:** 10/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05,07-08 Batch: WG834677-1 WG834677-2								
Ethylbenzene	99		97		70-130	2		30
Chloromethane	84		81		52-130	4		30
Bromomethane	92		93		57-147	1		30
Vinyl chloride	97		93		67-130	4		30
Chloroethane	105		101		50-151	4		30
1,1-Dichloroethene	100		97		65-135	3		30
trans-1,2-Dichloroethene	99		95		70-130	4		30
Trichloroethene	99		97		70-130	2		30
1,2-Dichlorobenzene	92		94		70-130	2		30
1,3-Dichlorobenzene	95		95		70-130	0		30
1,4-Dichlorobenzene	94		94		70-130	0		30
Methyl tert butyl ether	83		85		66-130	2		30
p/m-Xylene	103		100		70-130	3		30
o-Xylene	99		98		70-130	1		30
cis-1,2-Dichloroethene	94		92		70-130	2		30
Dibromomethane	85		86		70-130	1		30
Styrene	98		96		70-130	2		30
Dichlorodifluoromethane	78		76		30-146	3		30
Acetone	73		71		54-140	3		30
Carbon disulfide	99		101		59-130	2		30
2-Butanone	74		78		70-130	5		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05,07-08 Batch: WG834677-1 WG834677-2								
Vinyl acetate	80		82		70-130	2		30
4-Methyl-2-pentanone	72		77		70-130	7		30
1,2,3-Trichloropropane	83		87		68-130	5		30
2-Hexanone	73		78		70-130	7		30
Bromochloromethane	92		93		70-130	1		30
2,2-Dichloropropane	101		97		70-130	4		30
1,2-Dibromoethane	87		89		70-130	2		30
1,3-Dichloropropane	89		89		69-130	0		30
1,1,1,2-Tetrachloroethane	97		96		70-130	1		30
Bromobenzene	90		91		70-130	1		30
n-Butylbenzene	101		100		70-130	1		30
sec-Butylbenzene	101		100		70-130	1		30
tert-Butylbenzene	99		98		70-130	1		30
o-Chlorotoluene	96		95		70-130	1		30
p-Chlorotoluene	95		95		70-130	0		30
1,2-Dibromo-3-chloropropane	71		78		68-130	9		30
Hexachlorobutadiene	100		100		67-130	0		30
Isopropylbenzene	104		101		70-130	3		30
p-Isopropyltoluene	101		100		70-130	1		30
Naphthalene	82		85		70-130	4		30
Acrylonitrile	75		77		70-130	3		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH

**Lab Number:** L1526871

**Project Number:** 2051.0001Y000

**Report Date:** 10/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05,07-08 Batch: WG834677-1 WG834677-2								
Isopropyl Ether	87		86		66-130	1		30
tert-Butyl Alcohol	71		75		70-130	5		30
n-Propylbenzene	98		96		70-130	2		30
1,2,3-Trichlorobenzene	90		91		70-130	1		30
1,2,4-Trichlorobenzene	93		94		70-130	1		30
1,3,5-Trimethylbenzene	99		98		70-130	1		30
1,2,4-Trimethylbenzene	96		96		70-130	0		30
Methyl Acetate	75		78		51-146	4		30
Ethyl Acetate	76		76		70-130	0		30
Acrolein	76		79		70-130	4		30
Cyclohexane	99		97		59-142	2		30
1,4-Dioxane	77		79		65-136	3		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	101		100		50-139	1		30
p-Diethylbenzene	101		101		70-130	0		30
p-Ethyltoluene	101		100		70-130	1		30
1,2,4,5-Tetramethylbenzene	97		96		70-130	1		30
Tetrahydrofuran	78		80		66-130	3		30
Ethyl ether	85		86		67-130	1		30
trans-1,4-Dichloro-2-butene	82		87		70-130	6		30
Methyl cyclohexane	101		97		70-130	4		30
Ethyl-Tert-Butyl-Ether	86		86		70-130	0		30



## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH

**Lab Number:** L1526871

**Project Number:** 2051.0001Y000

**Report Date:** 10/28/15

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05,07-08 Batch: WG834677-1 WG834677-2								
Tertiary-Amyl Methyl Ether	85		85		70-130	0		30

<b>Surrogate</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>Acceptance Criteria</b>
1,2-Dichloroethane-d4	96		97		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	92		93		70-130
Dibromofluoromethane	100		100		70-130

# SEMIVOLATILES

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

Lab ID: L1526871-01  
 Client ID: FB102115  
 Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY  
 Matrix: Water  
 Analytical Method: 1,8270D  
 Analytical Date: 10/25/15 20:43  
 Analyst: PS

Date Collected: 10/21/15 15:00  
 Date Received: 10/21/15  
 Field Prep: Not Specified  
 Extraction Method: EPA 3510C  
 Extraction Date: 10/22/15 18:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/l	2.0	0.28	1
Hexachlorobenzene	ND		ug/l	2.0	0.40	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41	1
2-Chloronaphthalene	ND		ug/l	2.0	0.46	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89	1
Fluoranthene	ND		ug/l	2.0	0.40	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60	1
Hexachlorobutadiene	ND		ug/l	2.0	0.42	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.58	1
Hexachloroethane	ND		ug/l	2.0	0.30	1
Isophorone	ND		ug/l	5.0	0.79	1
Naphthalene	ND		ug/l	2.0	0.33	1
Nitrobenzene	ND		ug/l	2.0	0.40	1
NDPA/DPA	ND		ug/l	2.0	0.34	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.93	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.1	1
Di-n-butylphthalate	ND		ug/l	5.0	0.77	1
Di-n-octylphthalate	ND		ug/l	5.0	1.2	1
Diethyl phthalate	ND		ug/l	5.0	0.39	1
Dimethyl phthalate	ND		ug/l	5.0	0.33	1
Benzo(a)anthracene	ND		ug/l	2.0	0.32	1
Benzo(a)pyrene	ND		ug/l	2.0	0.66	1
Benzo(b)fluoranthene	ND		ug/l	2.0	0.37	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.30	1

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

**Lab ID:** L1526871-01  
**Client ID:** FB102115  
**Sample Location:** 5-49 46TH AVENUE, LONG ISLAND CITY, NY

**Date Collected:** 10/21/15 15:00  
**Date Received:** 10/21/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Chrysene	ND		ug/l	2.0	0.30	1
Acenaphthylene	ND		ug/l	2.0	0.37	1
Anthracene	ND		ug/l	2.0	0.20	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.57	1
Fluorene	ND		ug/l	2.0	0.32	1
Phenanthrene	ND		ug/l	2.0	0.23	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.44	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.43	1
Pyrene	ND		ug/l	2.0	0.52	1
Biphenyl	ND		ug/l	2.0	0.24	1
4-Chloroaniline	ND		ug/l	5.0	0.84	1
2-Nitroaniline	ND		ug/l	5.0	0.96	1
3-Nitroaniline	ND		ug/l	5.0	0.67	1
4-Nitroaniline	ND		ug/l	5.0	0.83	1
Dibenzofuran	ND		ug/l	2.0	0.22	1
2-Methylnaphthalene	ND		ug/l	2.0	0.36	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36	1
Acetophenone	ND		ug/l	5.0	0.43	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.54	1
2-Chlorophenol	ND		ug/l	2.0	0.58	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.56	1
2,4-Dimethylphenol	ND		ug/l	5.0	0.58	1
2-Nitrophenol	ND		ug/l	10	1.0	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4	1
Pentachlorophenol	ND		ug/l	10	3.2	1
Phenol	ND		ug/l	5.0	0.27	1
2-Methylphenol	ND		ug/l	5.0	0.70	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.68	1
Carbazole	ND		ug/l	2.0	0.37	1

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

Lab ID: L1526871-01  
 Client ID: FB102115  
 Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY

Date Collected: 10/21/15 15:00  
 Date Received: 10/21/15  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	34		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	80		41-149

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

Lab ID: L1526871-03  
 Client ID: SP-GARAGE (0-100)  
 Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY  
 Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 10/26/15 22:09  
 Analyst: AS  
 Percent Solids: 74%

Date Collected: 10/21/15 14:45  
 Date Received: 10/21/15  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 10/24/15 11:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	180	46.	1
Hexachlorobenzene	ND		ug/kg	130	41.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	62.	1
2-Chloronaphthalene	ND		ug/kg	220	72.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	59.	1
2,4-Dinitrotoluene	ND		ug/kg	220	48.	1
2,6-Dinitrotoluene	ND		ug/kg	220	57.	1
Fluoranthene	320		ug/kg	130	41.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	68.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	51.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	78.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	67.	1
Hexachlorobutadiene	ND		ug/kg	220	63.	1
Hexachlorocyclopentadiene	ND		ug/kg	640	140	1
Hexachloroethane	ND		ug/kg	180	40.	1
Isophorone	ND		ug/kg	200	59.	1
Naphthalene	ND		ug/kg	220	74.	1
Nitrobenzene	ND		ug/kg	200	53.	1
NDPA/DPA	ND		ug/kg	180	47.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	66.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	58.	1
Butyl benzyl phthalate	ND		ug/kg	220	43.	1
Di-n-butylphthalate	66	J	ug/kg	220	43.	1
Di-n-octylphthalate	ND		ug/kg	220	55.	1
Diethyl phthalate	ND		ug/kg	220	47.	1
Dimethyl phthalate	ND		ug/kg	220	56.	1
Benzo(a)anthracene	180		ug/kg	130	44.	1
Benzo(a)pyrene	170	J	ug/kg	180	54.	1
Benzo(b)fluoranthene	200		ug/kg	130	45.	1
Benzo(k)fluoranthene	87	J	ug/kg	130	42.	1

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

**Lab ID:** L1526871-03  
**Client ID:** SP-GARAGE (0-100)  
**Sample Location:** 5-49 46TH AVENUE, LONG ISLAND CITY, NY

**Date Collected:** 10/21/15 14:45  
**Date Received:** 10/21/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Chrysene	190		ug/kg	130	44.	1
Acenaphthylene	ND		ug/kg	180	42.	1
Anthracene	44	J	ug/kg	130	37.	1
Benzo(ghi)perylene	110	J	ug/kg	180	46.	1
Fluorene	ND		ug/kg	220	64.	1
Phenanthrene	180		ug/kg	130	44.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	43.	1
Indeno(1,2,3-cd)pyrene	110	J	ug/kg	180	49.	1
Pyrene	320		ug/kg	130	43.	1
Biphenyl	ND		ug/kg	510	73.	1
4-Chloroaniline	ND		ug/kg	220	59.	1
2-Nitroaniline	ND		ug/kg	220	63.	1
3-Nitroaniline	ND		ug/kg	220	61.	1
4-Nitroaniline	ND		ug/kg	220	60.	1
Dibenzofuran	ND		ug/kg	220	74.	1
2-Methylnaphthalene	ND		ug/kg	270	71.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	69.	1
Acetophenone	ND		ug/kg	220	69.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	64.	1
2-Chlorophenol	ND		ug/kg	220	67.	1
2,4-Dichlorophenol	ND		ug/kg	200	72.	1
2,4-Dimethylphenol	ND		ug/kg	220	66.	1
2-Nitrophenol	ND		ug/kg	480	69.	1
4-Nitrophenol	ND		ug/kg	310	72.	1
2,4-Dinitrophenol	ND		ug/kg	1100	300	1
4,6-Dinitro-o-cresol	ND		ug/kg	580	81.	1
Pentachlorophenol	ND		ug/kg	180	48.	1
Phenol	ND		ug/kg	220	66.	1
2-Methylphenol	ND		ug/kg	220	72.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	73.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	72.	1
Benzoic Acid	ND		ug/kg	720	220	1
Benzyl Alcohol	ND		ug/kg	220	68.	1
Carbazole	ND		ug/kg	220	48.	1

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

Lab ID: L1526871-03  
 Client ID: SP-GARAGE (0-100)  
 Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY

Date Collected: 10/21/15 14:45  
 Date Received: 10/21/15  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatiles by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	64		18-120



**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

Lab ID: L1526871-06 D2  
 Client ID: SP-SHED (0-100)  
 Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY  
 Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 10/28/15 13:37  
 Analyst: AS  
 Percent Solids: 88%

Date Collected: 10/21/15 14:30  
 Date Received: 10/21/15  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 10/24/15 11:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Fluoranthene	25000		ug/kg	450	140	4
Phenanthrene	23000		ug/kg	450	140	4
Pyrene	20000		ug/kg	450	140	4
Pentachlorophenol	17000		ug/kg	600	160	4

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

Lab ID: L1526871-06 D  
 Client ID: SP-SHED (0-100)  
 Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY  
 Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 10/26/15 22:35  
 Analyst: AS  
 Percent Solids: 88%

Date Collected: 10/21/15 14:30  
 Date Received: 10/21/15  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 10/24/15 11:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	5000		ug/kg	300	77.	2
Hexachlorobenzene	ND		ug/kg	220	70.	2
Bis(2-chloroethyl)ether	ND		ug/kg	340	100	2
2-Chloronaphthalene	ND		ug/kg	370	120	2
3,3'-Dichlorobenzidine	ND		ug/kg	370	99.	2
2,4-Dinitrotoluene	ND		ug/kg	370	80.	2
2,6-Dinitrotoluene	ND		ug/kg	370	96.	2
Fluoranthene	22000	E	ug/kg	220	68.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	370	110	2
4-Bromophenyl phenyl ether	ND		ug/kg	370	86.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	450	130	2
Bis(2-chloroethoxy)methane	ND		ug/kg	400	110	2
Hexachlorobutadiene	ND		ug/kg	370	100	2
Hexachlorocyclopentadiene	ND		ug/kg	1100	240	2
Hexachloroethane	ND		ug/kg	300	68.	2
Isophorone	ND		ug/kg	340	99.	2
Naphthalene	2600		ug/kg	370	120	2
Nitrobenzene	ND		ug/kg	340	89.	2
NDPA/DPA	ND		ug/kg	300	78.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	370	110	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	370	98.	2
Butyl benzyl phthalate	140	J	ug/kg	370	73.	2
Di-n-butylphthalate	ND		ug/kg	370	72.	2
Di-n-octylphthalate	ND		ug/kg	370	92.	2
Diethyl phthalate	ND		ug/kg	370	79.	2
Dimethyl phthalate	ND		ug/kg	370	95.	2
Benzo(a)anthracene	13000		ug/kg	220	73.	2
Benzo(a)pyrene	12000		ug/kg	300	91.	2
Benzo(b)fluoranthene	15000		ug/kg	220	75.	2
Benzo(k)fluoranthene	5900		ug/kg	220	71.	2

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

Lab ID: L1526871-06 D  
 Client ID: SP-SHED (0-100)  
 Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY

Date Collected: 10/21/15 14:30  
 Date Received: 10/21/15  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Chrysene	13000		ug/kg	220	73.	2
Acenaphthylene	750		ug/kg	300	70.	2
Anthracene	7800		ug/kg	220	62.	2
Benzo(ghi)perylene	6900		ug/kg	300	78.	2
Fluorene	3700		ug/kg	370	110	2
Phenanthrene	20000	E	ug/kg	220	73.	2
Dibenzo(a,h)anthracene	1900		ug/kg	220	72.	2
Indeno(1,2,3-cd)pyrene	8000		ug/kg	300	83.	2
Pyrene	19000	E	ug/kg	220	72.	2
Biphenyl	340	J	ug/kg	850	120	2
4-Chloroaniline	ND		ug/kg	370	98.	2
2-Nitroaniline	ND		ug/kg	370	100	2
3-Nitroaniline	ND		ug/kg	370	100	2
4-Nitroaniline	ND		ug/kg	370	100	2
Dibenzofuran	2400		ug/kg	370	120	2
2-Methylnaphthalene	1200		ug/kg	450	120	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	370	120	2
Acetophenone	ND		ug/kg	370	120	2
2,4,6-Trichlorophenol	ND		ug/kg	220	70.	2
p-Chloro-m-cresol	ND		ug/kg	370	110	2
2-Chlorophenol	ND		ug/kg	370	110	2
2,4-Dichlorophenol	ND		ug/kg	340	120	2
2,4-Dimethylphenol	ND		ug/kg	370	110	2
2-Nitrophenol	ND		ug/kg	810	120	2
4-Nitrophenol	ND		ug/kg	520	120	2
2,4-Dinitrophenol	ND		ug/kg	1800	510	2
4,6-Dinitro-o-cresol	ND		ug/kg	970	140	2
Pentachlorophenol	18000	E	ug/kg	300	80.	2
Phenol	ND		ug/kg	370	110	2
2-Methylphenol	ND		ug/kg	370	120	2
3-Methylphenol/4-Methylphenol	140	J	ug/kg	540	120	2
2,4,5-Trichlorophenol	ND		ug/kg	370	120	2
Benzoic Acid	ND		ug/kg	1200	380	2
Benzyl Alcohol	ND		ug/kg	370	110	2
Carbazole	4300		ug/kg	370	80.	2

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

Lab ID: L1526871-06 D  
 Client ID: SP-SHED (0-100)  
 Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY

Date Collected: 10/21/15 14:30  
 Date Received: 10/21/15  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatiles by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	70		18-120

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270D  
**Analytical Date:** 10/25/15 17:21  
**Analyst:** PS

**Extraction Method:** EPA 3510C  
**Extraction Date:** 10/22/15 18:16

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG833348-1					
Acenaphthene	ND		ug/l	2.0	0.28
Hexachlorobenzene	ND		ug/l	2.0	0.40
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41
2-Chloronaphthalene	ND		ug/l	2.0	0.46
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89
Fluoranthene	ND		ug/l	2.0	0.40
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60
Hexachlorobutadiene	ND		ug/l	2.0	0.42
Hexachlorocyclopentadiene	ND		ug/l	20	0.58
Hexachloroethane	ND		ug/l	2.0	0.30
Isophorone	ND		ug/l	5.0	0.79
Naphthalene	ND		ug/l	2.0	0.33
Nitrobenzene	ND		ug/l	2.0	0.40
NDPA/DPA	ND		ug/l	2.0	0.34
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.93
Butyl benzyl phthalate	ND		ug/l	5.0	1.1
Di-n-butylphthalate	ND		ug/l	5.0	0.77
Di-n-octylphthalate	ND		ug/l	5.0	1.2
Diethyl phthalate	ND		ug/l	5.0	0.39
Dimethyl phthalate	ND		ug/l	5.0	0.33
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.66
Benzo(b)fluoranthene	ND		ug/l	2.0	0.37

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D  
 Analytical Date: 10/25/15 17:21  
 Analyst: PS

Extraction Method: EPA 3510C  
 Extraction Date: 10/22/15 18:16

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG833348-1					
Benzo(k)fluoranthene	ND		ug/l	2.0	0.30
Chrysene	ND		ug/l	2.0	0.30
Acenaphthylene	ND		ug/l	2.0	0.37
Anthracene	ND		ug/l	2.0	0.20
Benzo(ghi)perylene	ND		ug/l	2.0	0.57
Fluorene	ND		ug/l	2.0	0.32
Phenanthrene	ND		ug/l	2.0	0.23
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.44
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.43
Pyrene	ND		ug/l	2.0	0.52
Biphenyl	ND		ug/l	2.0	0.24
4-Chloroaniline	ND		ug/l	5.0	0.84
2-Nitroaniline	ND		ug/l	5.0	0.96
3-Nitroaniline	ND		ug/l	5.0	0.67
4-Nitroaniline	ND		ug/l	5.0	0.83
Dibenzofuran	ND		ug/l	2.0	0.22
2-Methylnaphthalene	ND		ug/l	2.0	0.36
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36
Acetophenone	ND		ug/l	5.0	0.43
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78
p-Chloro-m-cresol	ND		ug/l	2.0	0.54
2-Chlorophenol	ND		ug/l	2.0	0.58
2,4-Dichlorophenol	ND		ug/l	5.0	0.56
2,4-Dimethylphenol	ND		ug/l	5.0	0.58
2-Nitrophenol	ND		ug/l	10	1.0
4-Nitrophenol	ND		ug/l	10	1.1
2,4-Dinitrophenol	ND		ug/l	20	1.4
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4
Pentachlorophenol	ND		ug/l	10	3.2

**Project Name:** FORMER PARAGON PAINT & VARNISH**Lab Number:** L1526871**Project Number:** 2051.0001Y000**Report Date:** 10/28/15

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8270D  
 Analytical Date: 10/25/15 17:21  
 Analyst: PS

Extraction Method: EPA 3510C  
 Extraction Date: 10/22/15 18:16

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG833348-1					
Phenol	ND		ug/l	5.0	0.27
2-Methylphenol	ND		ug/l	5.0	0.70
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75
Benzoic Acid	ND		ug/l	50	1.0
Benzyl Alcohol	ND		ug/l	2.0	0.68
Carbazole	ND		ug/l	2.0	0.37

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	86		41-149

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8270D  
Analytical Date: 10/26/15 18:40  
Analyst: AS

Extraction Method: EPA 3546  
Extraction Date: 10/24/15 11:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03,06 Batch: WG833899-1					
Acenaphthene	ND		ug/kg	130	34.
Hexachlorobenzene	ND		ug/kg	99	31.
Bis(2-chloroethyl)ether	ND		ug/kg	150	46.
2-Chloronaphthalene	ND		ug/kg	160	54.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	36.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	99	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	50.
4-Bromophenyl phenyl ether	ND		ug/kg	160	38.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	58.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	50.
Hexachlorobutadiene	ND		ug/kg	160	47.
Hexachlorocyclopentadiene	ND		ug/kg	470	110
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	44.
Naphthalene	ND		ug/kg	160	55.
Nitrobenzene	ND		ug/kg	150	39.
NDPA/DPA	ND		ug/kg	130	35.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	49.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	43.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	32.
Di-n-octylphthalate	ND		ug/kg	160	41.
Diethyl phthalate	ND		ug/kg	160	35.
Dimethyl phthalate	ND		ug/kg	160	42.
Benzo(a)anthracene	ND		ug/kg	99	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	33.



**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D  
 Analytical Date: 10/26/15 18:40  
 Analyst: AS

Extraction Method: EPA 3546  
 Extraction Date: 10/24/15 11:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03,06 Batch: WG833899-1					
Benzo(k)fluoranthene	ND		ug/kg	99	32.
Chrysene	ND		ug/kg	99	32.
Acenaphthylene	ND		ug/kg	130	31.
Anthracene	ND		ug/kg	99	28.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	48.
Phenanthrene	ND		ug/kg	99	32.
Dibenzo(a,h)anthracene	ND		ug/kg	99	32.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	37.
Pyrene	ND		ug/kg	99	32.
Biphenyl	ND		ug/kg	380	55.
4-Chloroaniline	ND		ug/kg	160	44.
2-Nitroaniline	ND		ug/kg	160	47.
3-Nitroaniline	ND		ug/kg	160	46.
4-Nitroaniline	ND		ug/kg	160	45.
Dibenzofuran	ND		ug/kg	160	55.
2-Methylnaphthalene	ND		ug/kg	200	53.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	51.
Acetophenone	ND		ug/kg	160	51.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	48.
2-Chlorophenol	ND		ug/kg	160	50.
2,4-Dichlorophenol	ND		ug/kg	150	54.
2,4-Dimethylphenol	ND		ug/kg	160	49.
2-Nitrophenol	ND		ug/kg	360	52.
4-Nitrophenol	ND		ug/kg	230	54.
2,4-Dinitrophenol	ND		ug/kg	800	230
4,6-Dinitro-o-cresol	ND		ug/kg	430	61.
Pentachlorophenol	ND		ug/kg	130	35.

**Project Name:** FORMER PARAGON PAINT & VARNISH**Lab Number:** L1526871**Project Number:** 2051.0001Y000**Report Date:** 10/28/15

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8270D  
 Analytical Date: 10/26/15 18:40  
 Analyst: AS

Extraction Method: EPA 3546  
 Extraction Date: 10/24/15 11:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03,06 Batch: WG833899-1					
Phenol	ND		ug/kg	160	49.
2-Methylphenol	ND		ug/kg	160	53.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	54.
2,4,5-Trichlorophenol	ND		ug/kg	160	54.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	51.
Carbazole	ND		ug/kg	160	36.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	83		18-120

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG833348-2 WG833348-3								
Acenaphthene	70		73		37-111	4		30
1,2,4-Trichlorobenzene	61		67		39-98	9		30
Hexachlorobenzene	74		76		40-140	3		30
Bis(2-chloroethyl)ether	65		69		40-140	6		30
2-Chloronaphthalene	68		72		40-140	6		30
1,2-Dichlorobenzene	56		62		40-140	10		30
1,3-Dichlorobenzene	52		60		40-140	14		30
1,4-Dichlorobenzene	54		61		36-97	12		30
3,3'-Dichlorobenzidine	61		62		40-140	2		30
2,4-Dinitrotoluene	76		78		24-96	3		30
2,6-Dinitrotoluene	76		77		40-140	1		30
Fluoranthene	75		77		40-140	3		30
4-Chlorophenyl phenyl ether	72		74		40-140	3		30
4-Bromophenyl phenyl ether	76		78		40-140	3		30
Bis(2-chloroisopropyl)ether	63		69		40-140	9		30
Bis(2-chloroethoxy)methane	70		72		40-140	3		30
Hexachlorobutadiene	60		67		40-140	11		30
Hexachlorocyclopentadiene	63		68		40-140	8		30
Hexachloroethane	52		58		40-140	11		30
Isophorone	68		71		40-140	4		30
Naphthalene	64		69		40-140	8		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG833348-2 WG833348-3								
Nitrobenzene	64		72		40-140	12		30
NitrosoDiPhenylAmine(NDPA)/DPA	71		72		40-140	1		30
n-Nitrosodi-n-propylamine	66		69		29-132	4		30
Bis(2-Ethylhexyl)phthalate	78		80		40-140	3		30
Butyl benzyl phthalate	77		79		40-140	3		30
Di-n-butylphthalate	79		80		40-140	1		30
Di-n-octylphthalate	79		80		40-140	1		30
Diethyl phthalate	74		75		40-140	1		30
Dimethyl phthalate	74		76		40-140	3		30
Benzo(a)anthracene	74		75		40-140	1		30
Benzo(a)pyrene	70		74		40-140	6		30
Benzo(b)fluoranthene	75		75		40-140	0		30
Benzo(k)fluoranthene	71		77		40-140	8		30
Chrysene	73		75		40-140	3		30
Acenaphthylene	69		72		45-123	4		30
Anthracene	78		80		40-140	3		30
Benzo(ghi)perylene	70		73		40-140	4		30
Fluorene	71		73		40-140	3		30
Phenanthrene	74		77		40-140	4		30
Dibenzo(a,h)anthracene	72		75		40-140	4		30
Indeno(1,2,3-cd)Pyrene	70		71		40-140	1		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH

**Lab Number:** L1526871

**Project Number:** 2051.0001Y000

**Report Date:** 10/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG833348-2 WG833348-3								
Pyrene	74		77		26-127	4		30
Biphenyl	77		80		54-104	4		30
4-Chloroaniline	63		67		40-140	6		30
2-Nitroaniline	75		78		52-143	4		30
3-Nitroaniline	59		57		25-145	3		30
4-Nitroaniline	68		69		51-143	1		30
Dibenzofuran	71		74		40-140	4		30
2-Methylnaphthalene	67		71		40-140	6		30
1,2,4,5-Tetrachlorobenzene	75		80		2-134	6		30
Acetophenone	73		78		39-129	7		30
2,4,6-Trichlorophenol	73		76		30-130	4		30
P-Chloro-M-Cresol	75		77		23-97	3		30
2-Chlorophenol	62		66		27-123	6		30
2,4-Dichlorophenol	69		76		30-130	10		30
2,4-Dimethylphenol	58		58		30-130	0		30
2-Nitrophenol	65		70		30-130	7		30
4-Nitrophenol	48		51		10-80	6		30
2,4-Dinitrophenol	55		57		20-130	4		30
4,6-Dinitro-o-cresol	69		70		20-164	1		30
Pentachlorophenol	72		73		9-103	1		30
Phenol	33		35		12-110	6		30

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG833348-2 WG833348-3								
2-Methylphenol	60		64		30-130	6		30
3-Methylphenol/4-Methylphenol	56		60		30-130	7		30
2,4,5-Trichlorophenol	75		78		30-130	4		30
Benzoic Acid	15		13		10-110	14		30
Benzyl Alcohol	63		65		15-110	3		30
Carbazole	78		79		55-144	1		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
2-Fluorophenol	44		49		21-120
Phenol-d6	32		35		10-120
Nitrobenzene-d5	67		72		23-120
2-Fluorobiphenyl	73		77		15-120
2,4,6-Tribromophenol	83		84		10-120
4-Terphenyl-d14	79		82		41-149

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,06 Batch: WG833899-2 WG833899-3								
Acenaphthene	73		76		31-137	4		50
Benzidine	33		26		10-66	24		50
n-Nitrosodimethylamine	63		64		22-100	2		50
1,2,4-Trichlorobenzene	71		72		38-107	1		50
Hexachlorobenzene	75		78		40-140	4		50
Bis(2-chloroethyl)ether	69		71		40-140	3		50
2-Chloronaphthalene	76		78		40-140	3		50
1,2-Dichlorobenzene	68		71		40-140	4		50
1,3-Dichlorobenzene	67		70		40-140	4		50
1,4-Dichlorobenzene	67		70		28-104	4		50
3,3'-Dichlorobenzidine	63		65		40-140	3		50
2,4-Dinitrotoluene	93	Q	97	Q	28-89	4		50
2,6-Dinitrotoluene	90		93		40-140	3		50
Fluoranthene	78		81		40-140	4		50
4-Chlorophenyl phenyl ether	75		79		40-140	5		50
4-Bromophenyl phenyl ether	76		80		40-140	5		50
Azobenzene	74		77		40-140	4		50
Bis(2-chloroisopropyl)ether	68		70		40-140	3		50
Bis(2-chloroethoxy)methane	72		75		40-117	4		50
Hexachlorobutadiene	71		74		40-140	4		50
Hexachlorocyclopentadiene	87		92		40-140	6		50

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,06 Batch: WG833899-2 WG833899-3								
Hexachloroethane	67		68		40-140	1		50
Isophorone	73		75		40-140	3		50
Naphthalene	72		74		40-140	3		50
Nitrobenzene	74		76		40-140	3		50
NitrosoDiPhenylAmine(NDPA)/DPA	77		82		36-157	6		50
n-Nitrosodi-n-propylamine	72		76		32-121	5		50
Bis(2-Ethylhexyl)phthalate	80		80		40-140	0		50
Butyl benzyl phthalate	83		85		40-140	2		50
Di-n-butylphthalate	79		82		40-140	4		50
Di-n-octylphthalate	84		84		40-140	0		50
Diethyl phthalate	77		79		40-140	3		50
Dimethyl phthalate	76		79		40-140	4		50
Benzo(a)anthracene	76		77		40-140	1		50
Benzo(a)pyrene	74		77		40-140	4		50
Benzo(b)fluoranthene	73		76		40-140	4		50
Benzo(k)fluoranthene	74		75		40-140	1		50
Chrysene	74		77		40-140	4		50
Acenaphthylene	78		81		40-140	4		50
Anthracene	81		83		40-140	2		50
Benzo(ghi)perylene	74		77		40-140	4		50
Fluorene	77		80		40-140	4		50



## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,06 Batch: WG833899-2 WG833899-3								
Phenanthrene	75		78		40-140	4		50
Dibenzo(a,h)anthracene	74		76		40-140	3		50
Indeno(1,2,3-cd)Pyrene	75		76		40-140	1		50
Pyrene	79		80		35-142	1		50
Biphenyl	82		86		54-104	5		50
Aniline	55		55		40-140	0		50
4-Chloroaniline	73		69		40-140	6		50
2-Nitroaniline	91		94		47-134	3		50
3-Nitroaniline	70		74		26-129	6		50
4-Nitroaniline	84		88		41-125	5		50
Dibenzofuran	75		79		40-140	5		50
2-Methylnaphthalene	76		78		40-140	3		50
1,2,4,5-Tetrachlorobenzene	79		81		40-117	3		50
Acetophenone	80		83		14-144	4		50
2,4,6-Trichlorophenol	88		90		30-130	2		50
P-Chloro-M-Cresol	82		85		26-103	4		50
2-Chlorophenol	74		76		25-102	3		50
2,4-Dichlorophenol	81		83		30-130	2		50
2,4-Dimethylphenol	86		85		30-130	1		50
2-Nitrophenol	85		88		30-130	3		50
4-Nitrophenol	93		95		11-114	2		50

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH

**Lab Number:** L1526871

**Project Number:** 2051.0001Y000

**Report Date:** 10/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,06 Batch: WG833899-2 WG833899-3								
2,4-Dinitrophenol	83		78		4-130	6		50
4,6-Dinitro-o-cresol	89		93		10-130	4		50
Pentachlorophenol	73		72		17-109	1		50
Phenol	73		76		26-90	4		50
2-Methylphenol	78		79		30-130.	1		50
3-Methylphenol/4-Methylphenol	78		80		30-130	3		50
2,4,5-Trichlorophenol	84		83		30-130	1		50
Benzoic Acid	46		37		10-66	22		50
Benzyl Alcohol	77		79		40-140	3		50
Carbazole	79		80		54-128	1		50
Benzaldehyde	70		73		40-140	4		50
Caprolactam	92		97		15-130	5		50
Atrazine	89		94		40-140	5		50
2,3,4,6-Tetrachlorophenol	80		82		40-140	2		50
Pyridine	53		56		10-93	6		50
Parathion, ethyl	111		116		40-140	4		50
1-Methylnaphthalene	75		80		26-130	6		50

### Lab Control Sample Analysis

#### Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH

**Lab Number:** L1526871

**Project Number:** 2051.0001Y000

**Report Date:** 10/28/15

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,06 Batch: WG833899-2 WG833899-3

<b>Surrogate</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>Acceptance Criteria</b>
2-Fluorophenol	74		78		25-120
Phenol-d6	77		81		10-120
Nitrobenzene-d5	77		80		23-120
2-Fluorobiphenyl	78		80		30-120
2,4,6-Tribromophenol	87		91		10-136
4-Terphenyl-d14	78		81		18-120

# PCBS

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

**Lab ID:** L1526871-01  
**Client ID:** FB102115  
**Sample Location:** 5-49 46TH AVENUE, LONG ISLAND CITY, NY  
**Matrix:** Water  
**Analytical Method:** 1,8082A  
**Analytical Date:** 10/24/15 20:56  
**Analyst:** TQ

**Date Collected:** 10/21/15 15:00  
**Date Received:** 10/21/15  
**Field Prep:** Not Specified  
**Extraction Method:** EPA 3510C  
**Extraction Date:** 10/24/15 04:08  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 10/24/15  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 10/24/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	58		30-150	B
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	74		30-150	A

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

**Lab ID:** L1526871-03  
**Client ID:** SP-GARAGE (0-100)  
**Sample Location:** 5-49 46TH AVENUE, LONG ISLAND CITY, NY  
**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 10/24/15 22:54  
**Analyst:** KE  
**Percent Solids:** 74%

**Date Collected:** 10/21/15 14:45  
**Date Received:** 10/21/15  
**Field Prep:** Not Specified  
**Extraction Method:** EPA 3546  
**Extraction Date:** 10/23/15 15:48  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 10/24/15  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 10/24/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	43.1	3.40	1	A
Aroclor 1221	ND		ug/kg	43.1	3.97	1	A
Aroclor 1232	ND		ug/kg	43.1	5.05	1	A
Aroclor 1242	ND		ug/kg	43.1	5.27	1	A
Aroclor 1248	ND		ug/kg	43.1	3.64	1	A
Aroclor 1254	51.8		ug/kg	43.1	3.54	1	B
Aroclor 1260	ND		ug/kg	43.1	3.28	1	A
Aroclor 1262	ND		ug/kg	43.1	2.14	1	A
Aroclor 1268	ND		ug/kg	43.1	6.24	1	A
PCBs, Total	51.8		ug/kg	43.1	2.14	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	45		30-150	B
Decachlorobiphenyl	73		30-150	B

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

Lab ID: L1526871-06 D  
 Client ID: SP-SHED (0-100)  
 Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY  
 Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 10/28/15 01:47  
 Analyst: JT  
 Percent Solids: 88%

Date Collected: 10/21/15 14:30  
 Date Received: 10/21/15  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 10/23/15 15:48  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 10/24/15  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 10/24/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	361	28.5	10	A
Aroclor 1221	ND		ug/kg	361	33.3	10	A
Aroclor 1232	ND		ug/kg	361	42.3	10	A
Aroclor 1242	ND		ug/kg	361	44.2	10	A
Aroclor 1248	ND		ug/kg	361	30.5	10	A
Aroclor 1254	1670		ug/kg	361	29.7	10	B
Aroclor 1260	ND		ug/kg	361	27.5	10	A
Aroclor 1262	ND		ug/kg	361	17.9	10	A
Aroclor 1268	ND		ug/kg	361	52.4	10	A
PCBs, Total	1670		ug/kg	361	17.9	10	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	A
Decachlorobiphenyl	0	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	B
Decachlorobiphenyl	0	Q	30-150	B

**Project Name:** FORMER PARAGON PAINT & VARNISH

**Lab Number:** L1526871

**Project Number:** 2051.0001Y000

**Report Date:** 10/28/15

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8082A  
 Analytical Date: 10/24/15 23:43  
 Analyst: KE

Extraction Method: EPA 3546  
 Extraction Date: 10/23/15 15:48  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 10/24/15  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 10/24/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 03,06 Batch: WG833727-1						
Aroclor 1016	ND		ug/kg	31.4	2.48	A
Aroclor 1221	ND		ug/kg	31.4	2.89	A
Aroclor 1232	ND		ug/kg	31.4	3.68	A
Aroclor 1242	ND		ug/kg	31.4	3.84	A
Aroclor 1248	ND		ug/kg	31.4	2.65	A
Aroclor 1254	ND		ug/kg	31.4	2.58	A
Aroclor 1260	ND		ug/kg	31.4	2.39	A
Aroclor 1262	ND		ug/kg	31.4	1.56	A
Aroclor 1268	ND		ug/kg	31.4	4.55	A
PCBs, Total	ND		ug/kg	31.4	1.56	A

Surrogate	%Recovery	Qualifier	Acceptance	Column
			Criteria	
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	85		30-150	B





**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**Method Blank Analysis  
 Batch Quality Control**

Analytical Method: 1,8082A  
 Analytical Date: 10/24/15 19:52  
 Analyst: TQ

Extraction Method: EPA 3510C  
 Extraction Date: 10/24/15 04:08  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 10/24/15  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 10/24/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG833857-1						
Aroclor 1016	ND		ug/l	0.083	0.055	A
Aroclor 1221	ND		ug/l	0.083	0.053	A
Aroclor 1232	ND		ug/l	0.083	0.031	A
Aroclor 1242	ND		ug/l	0.083	0.060	A
Aroclor 1248	ND		ug/l	0.083	0.051	A
Aroclor 1254	ND		ug/l	0.083	0.034	A
Aroclor 1260	ND		ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.029	A
Aroclor 1268	ND		ug/l	0.083	0.038	A
PCBs, Total	ND		ug/l	0.083	0.029	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	67		30-150	B
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	76		30-150	A



## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH

**Lab Number:** L1526871

**Project Number:** 2051.0001Y000

**Report Date:** 10/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 03,06 Batch: WG833727-2 WG833727-3									
Aroclor 1016	77		78		40-140	1		50	A
Aroclor 1260	56		60		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		83		30-150	A
Decachlorobiphenyl	56		63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		76		30-150	B
Decachlorobiphenyl	85		90		30-150	B

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH

**Lab Number:** L1526871

**Project Number:** 2051.0001Y000

**Report Date:** 10/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG833857-2 WG833857-3									
Aroclor 1016	118		103		40-140	14		50	A
Aroclor 1260	110		102		40-140	8		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		60		30-150	B
Decachlorobiphenyl	56		59		30-150	B
2,4,5,6-Tetrachloro-m-xylene	66		58		30-150	A
Decachlorobiphenyl	65		69		30-150	A

# PESTICIDES

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

Lab ID: L1526871-01  
 Client ID: FB102115  
 Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY  
 Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 10/24/15 04:29  
 Analyst: KE

Date Collected: 10/21/15 15:00  
 Date Received: 10/21/15  
 Field Prep: Not Specified  
 Extraction Method: EPA 3510C  
 Extraction Date: 10/22/15 21:44  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 10/23/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	74		30-150	B

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

Lab ID: L1526871-03  
 Client ID: SP-GARAGE (0-100)  
 Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY  
 Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 10/25/15 15:10  
 Analyst: AL  
 Percent Solids: 74%

Date Collected: 10/21/15 14:45  
 Date Received: 10/21/15  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 10/23/15 21:27  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 10/24/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	2.07	0.406	1	A
Lindane	ND		ug/kg	0.864	0.386	1	A
Alpha-BHC	ND		ug/kg	0.864	0.245	1	A
Beta-BHC	1.21	J	ug/kg	2.07	0.786	1	A
Heptachlor	ND		ug/kg	1.04	0.465	1	A
Aldrin	ND		ug/kg	2.07	0.730	1	A
Heptachlor epoxide	3.41	J	ug/kg	3.89	1.17	1	B
Endrin	ND		ug/kg	0.864	0.354	1	A
Endrin ketone	ND		ug/kg	2.07	0.534	1	A
Dieldrin	ND		ug/kg	1.30	0.648	1	A
4,4'-DDE	ND		ug/kg	2.07	0.480	1	A
4,4'-DDD	ND		ug/kg	2.07	0.740	1	A
4,4'-DDT	8.52		ug/kg	3.89	1.67	1	A
Endosulfan I	ND		ug/kg	2.07	0.490	1	A
Endosulfan II	1.12	JPI	ug/kg	2.07	0.693	1	A
Endosulfan sulfate	ND		ug/kg	0.864	0.411	1	A
Methoxychlor	ND		ug/kg	3.89	1.21	1	A
Toxaphene	ND		ug/kg	38.9	10.9	1	A
cis-Chlordane	ND		ug/kg	2.59	0.722	1	A
trans-Chlordane	0.802	JPI	ug/kg	2.59	0.684	1	A
Chlordane	ND		ug/kg	16.8	6.87	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	82		30-150	B
2,4,5,6-Tetrachloro-m-xylene	102		30-150	A
Decachlorobiphenyl	95		30-150	A

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

Lab ID: L1526871-06  
 Client ID: SP-SHED (0-100)  
 Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY  
 Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 10/25/15 15:25  
 Analyst: AL  
 Percent Solids: 88%

Date Collected: 10/21/15 14:30  
 Date Received: 10/21/15  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 10/23/15 21:27  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 10/24/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	1.77	0.346	1	A
Lindane	ND		ug/kg	0.737	0.329	1	A
Alpha-BHC	ND		ug/kg	0.737	0.209	1	A
Beta-BHC	ND		ug/kg	1.77	0.670	1	A
Heptachlor	ND		ug/kg	0.884	0.396	1	A
Aldrin	ND		ug/kg	1.77	0.622	1	A
Heptachlor epoxide	14.8	PI	ug/kg	3.32	0.994	1	A
Endrin	ND		ug/kg	0.737	0.302	1	A
Endrin ketone	ND		ug/kg	1.77	0.455	1	A
Dieldrin	ND		ug/kg	1.10	0.552	1	A
4,4'-DDE	ND		ug/kg	1.77	0.409	1	A
4,4'-DDD	7.77		ug/kg	1.77	0.631	1	A
4,4'-DDT	66.5	PI	ug/kg	3.32	1.42	1	A
Endosulfan I	ND		ug/kg	1.77	0.418	1	A
Endosulfan II	12.6	PI	ug/kg	1.77	0.591	1	A
Endosulfan sulfate	ND		ug/kg	0.737	0.351	1	A
Methoxychlor	ND		ug/kg	3.32	1.03	1	A
Toxaphene	ND		ug/kg	33.2	9.28	1	A
cis-Chlordane	ND		ug/kg	2.21	0.616	1	A
trans-Chlordane	ND		ug/kg	2.21	0.583	1	A
Chlordane	ND		ug/kg	14.4	5.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	207	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	92		30-150	A

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8081B  
Analytical Date: 10/24/15 03:11  
Analyst: KE

Extraction Method: EPA 3510C  
Extraction Date: 10/22/15 21:44  
Cleanup Method: EPA 3620B  
Cleanup Date: 10/23/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG833380-1						
Delta-BHC	ND		ug/l	0.020	0.005	A
Lindane	ND		ug/l	0.020	0.004	A
Alpha-BHC	ND		ug/l	0.020	0.004	A
Beta-BHC	ND		ug/l	0.020	0.006	A
Heptachlor	ND		ug/l	0.020	0.003	A
Aldrin	ND		ug/l	0.020	0.002	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	A
Endrin	ND		ug/l	0.040	0.004	A
Endrin ketone	ND		ug/l	0.040	0.005	A
Dieldrin	ND		ug/l	0.040	0.004	A
4,4'-DDE	ND		ug/l	0.040	0.004	A
4,4'-DDD	ND		ug/l	0.040	0.005	A
4,4'-DDT	ND		ug/l	0.040	0.004	A
Endosulfan I	ND		ug/l	0.020	0.003	A
Endosulfan II	ND		ug/l	0.040	0.005	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	A
Methoxychlor	ND		ug/l	0.200	0.007	A
Toxaphene	ND		ug/l	0.200	0.063	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.006	A
Chlordane	ND		ug/l	0.200	0.046	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	96		30-150	A
Decachlorobiphenyl	106		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	99		30-150	B



**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8081B  
 Analytical Date: 10/25/15 13:04  
 Analyst: AL

Extraction Method: EPA 3546  
 Extraction Date: 10/23/15 21:26  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 10/24/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03,06 Batch: WG833796-1						
Delta-BHC	ND		ug/kg	1.55	0.304	A
Lindane	ND		ug/kg	0.647	0.289	A
Alpha-BHC	ND		ug/kg	0.647	0.184	A
Beta-BHC	ND		ug/kg	1.55	0.589	A
Heptachlor	ND		ug/kg	0.776	0.348	A
Aldrin	ND		ug/kg	1.55	0.546	A
Heptachlor epoxide	ND		ug/kg	2.91	0.873	A
Endrin	ND		ug/kg	0.647	0.265	A
Endrin ketone	ND		ug/kg	1.55	0.400	A
Dieldrin	ND		ug/kg	0.970	0.485	A
4,4'-DDE	ND		ug/kg	1.55	0.359	A
4,4'-DDD	ND		ug/kg	1.55	0.554	A
4,4'-DDT	ND		ug/kg	2.91	1.25	A
Endosulfan I	ND		ug/kg	1.55	0.367	A
Endosulfan II	ND		ug/kg	1.55	0.519	A
Endosulfan sulfate	ND		ug/kg	0.647	0.308	A
Methoxychlor	ND		ug/kg	2.91	0.906	A
Toxaphene	ND		ug/kg	29.1	8.15	A
cis-Chlordane	ND		ug/kg	1.94	0.541	A
trans-Chlordane	0.609	J	ug/kg	1.94	0.512	A
Chlordane	ND		ug/kg	12.6	5.14	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	79		30-150	B
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	76		30-150	A



## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG833380-2 WG833380-3									
Delta-BHC	95		88		30-150	7		20	A
Lindane	101		93		30-150	8		20	A
Alpha-BHC	113		102		30-150	10		20	A
Beta-BHC	100		91		30-150	9		20	A
Heptachlor	98		90		30-150	9		20	A
Aldrin	108		98		30-150	10		20	A
Heptachlor epoxide	105		96		30-150	9		20	A
Endrin	130		117		30-150	11		20	A
Endrin ketone	115		107		30-150	7		20	A
Dieldrin	133		120		30-150	10		20	A
4,4'-DDE	121		109		30-150	10		20	A
4,4'-DDD	120		108		30-150	11		20	A
4,4'-DDT	119		107		30-150	11		20	A
Endosulfan I	117		107		30-150	9		20	A
Endosulfan II	120		111		30-150	8		20	A
Endosulfan sulfate	107		101		30-150	6		20	A
Methoxychlor	140		127		30-150	10		20	A
cis-Chlordane	115		102		30-150	12		20	A
trans-Chlordane	125		113		30-150	10		20	A

### Lab Control Sample Analysis

#### Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH

**Lab Number:** L1526871

**Project Number:** 2051.0001Y000

**Report Date:** 10/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG833380-2 WG833380-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		92		30-150	A
Decachlorobiphenyl	109		104		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		84		30-150	B
Decachlorobiphenyl	103		98		30-150	B

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03,06 Batch: WG833796-2 WG833796-3									
Delta-BHC	96		68		30-150	34	Q	30	A
Lindane	93		68		30-150	31	Q	30	A
Alpha-BHC	97		72		30-150	30		30	A
Beta-BHC	99		72		30-150	32	Q	30	A
Heptachlor	97		68		30-150	35	Q	30	A
Aldrin	100		72		30-150	33	Q	30	A
Heptachlor epoxide	91		67		30-150	30		30	A
Endrin	117		86		30-150	31	Q	30	A
Endrin ketone	105		77		30-150	31	Q	30	A
Dieldrin	118		88		30-150	29		30	A
4,4'-DDE	113		82		30-150	32	Q	30	A
4,4'-DDD	112		81		30-150	32	Q	30	A
4,4'-DDT	127		86		30-150	38	Q	30	A
Endosulfan I	106		77		30-150	32	Q	30	A
Endosulfan II	111		81		30-150	31	Q	30	A
Endosulfan sulfate	108		76		30-150	35	Q	30	A
Methoxychlor	129		98		30-150	27		30	A
cis-Chlordane	101		75		30-150	30		30	A
trans-Chlordane	102		83		30-150	21		30	A

### Lab Control Sample Analysis

#### Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH

**Lab Number:** L1526871

**Project Number:** 2051.0001Y000

**Report Date:** 10/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03,06 Batch: WG833796-2 WG833796-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		71		30-150	B
Decachlorobiphenyl	109		91		30-150	B
2,4,5,6-Tetrachloro-m-xylene	98		75		30-150	A
Decachlorobiphenyl	127		97		30-150	A

## METALS

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

Lab ID: L1526871-01  
 Client ID: FB102115  
 Sample Location: 5-49 46TH AVENUE, LONG ISLAND  
 Matrix: Water

Date Collected: 10/21/15 15:00  
 Date Received: 10/21/15  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Westborough Lab</b>											
Aluminum, Total	ND		mg/l	0.10	0.020	1	10/22/15 08:45	10/23/15 19:56	EPA 3005A	1,6010C	PS
Antimony, Total	ND		mg/l	0.0500	0.0080	1	10/22/15 08:45	10/23/15 19:56	EPA 3005A	1,6010C	PS
Arsenic, Total	ND		mg/l	0.0050	0.0020	1	10/22/15 08:45	10/23/15 19:56	EPA 3005A	1,6010C	PS
Barium, Total	ND		mg/l	0.0100	0.0030	1	10/22/15 08:45	10/23/15 19:56	EPA 3005A	1,6010C	PS
Beryllium, Total	ND		mg/l	0.0050	0.0010	1	10/22/15 08:45	10/23/15 19:56	EPA 3005A	1,6010C	PS
Cadmium, Total	ND		mg/l	0.0050	0.0007	1	10/22/15 08:45	10/23/15 19:56	EPA 3005A	1,6010C	PS
Calcium, Total	ND		mg/l	0.10	0.030	1	10/22/15 08:45	10/23/15 19:56	EPA 3005A	1,6010C	PS
Chromium, Total	ND		mg/l	0.010	0.0020	1	10/22/15 08:45	10/23/15 19:56	EPA 3005A	1,6010C	PS
Cobalt, Total	ND		mg/l	0.0200	0.0050	1	10/22/15 08:45	10/23/15 19:56	EPA 3005A	1,6010C	PS
Copper, Total	ND		mg/l	0.0100	0.0020	1	10/22/15 08:45	10/23/15 19:56	EPA 3005A	1,6010C	PS
Iron, Total	ND		mg/l	0.050	0.020	1	10/22/15 08:45	10/23/15 19:56	EPA 3005A	1,6010C	PS
Lead, Total	ND		mg/l	0.0100	0.0020	1	10/22/15 08:45	10/23/15 19:56	EPA 3005A	1,6010C	PS
Magnesium, Total	ND		mg/l	0.10	0.010	1	10/22/15 08:45	10/23/15 19:56	EPA 3005A	1,6010C	PS
Manganese, Total	ND		mg/l	0.0100	0.0020	1	10/22/15 08:45	10/23/15 19:56	EPA 3005A	1,6010C	PS
Mercury, Total	ND		mg/l	0.00020	0.00006	1	10/22/15 11:48	10/22/15 20:47	EPA 7470A	1,7470A	EA
Nickel, Total	ND		mg/l	0.0250	0.0040	1	10/22/15 08:45	10/23/15 19:56	EPA 3005A	1,6010C	PS
Potassium, Total	ND		mg/l	2.5	0.40	1	10/22/15 08:45	10/23/15 19:56	EPA 3005A	1,6010C	PS
Selenium, Total	ND		mg/l	0.0100	0.0030	1	10/22/15 08:45	10/23/15 19:56	EPA 3005A	1,6010C	PS
Silver, Total	ND		mg/l	0.0070	0.0020	1	10/22/15 08:45	10/23/15 19:56	EPA 3005A	1,6010C	PS
Sodium, Total	ND		mg/l	2.0	0.30	1	10/22/15 08:45	10/23/15 19:56	EPA 3005A	1,6010C	PS
Thallium, Total	ND		mg/l	0.0200	0.0040	1	10/22/15 08:45	10/23/15 19:56	EPA 3005A	1,6010C	PS
Vanadium, Total	ND		mg/l	0.0100	0.0010	1	10/22/15 08:45	10/23/15 19:56	EPA 3005A	1,6010C	PS
Zinc, Total	ND		mg/l	0.0500	0.0070	1	10/22/15 08:45	10/23/15 19:56	EPA 3005A	1,6010C	PS



**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

Lab ID: L1526871-03  
 Client ID: SP-GARAGE (0-100)  
 Sample Location: 5-49 46TH AVENUE, LONG ISLAND  
 Matrix: Soil  
 Percent Solids: 74%

Date Collected: 10/21/15 14:45  
 Date Received: 10/21/15  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Westborough Lab</b>											
Aluminum, Total	4300		mg/kg	11	2.2	2	10/22/15 04:48	10/23/15 00:36	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	5.4	0.86	2	10/22/15 04:48	10/23/15 00:36	EPA 3050B	1,6010C	JH
Arsenic, Total	4.7		mg/kg	1.1	0.22	2	10/22/15 04:48	10/23/15 00:36	EPA 3050B	1,6010C	JH
Barium, Total	70		mg/kg	1.1	0.32	2	10/22/15 04:48	10/23/15 00:36	EPA 3050B	1,6010C	JH
Beryllium, Total	0.20	J	mg/kg	0.54	0.11	2	10/22/15 04:48	10/23/15 00:36	EPA 3050B	1,6010C	JH
Cadmium, Total	0.12	J	mg/kg	1.1	0.08	2	10/22/15 04:48	10/23/15 00:36	EPA 3050B	1,6010C	JH
Calcium, Total	9300		mg/kg	11	3.2	2	10/22/15 04:48	10/23/15 00:36	EPA 3050B	1,6010C	JH
Chromium, Total	10		mg/kg	1.1	0.22	2	10/22/15 04:48	10/23/15 00:36	EPA 3050B	1,6010C	JH
Cobalt, Total	3.7		mg/kg	2.2	0.54	2	10/22/15 04:48	10/23/15 00:36	EPA 3050B	1,6010C	JH
Copper, Total	130		mg/kg	1.1	0.22	2	10/22/15 04:48	10/23/15 00:36	EPA 3050B	1,6010C	JH
Iron, Total	11000		mg/kg	5.4	2.2	2	10/22/15 04:48	10/23/15 00:36	EPA 3050B	1,6010C	JH
Lead, Total	97		mg/kg	5.4	0.22	2	10/22/15 04:48	10/23/15 00:36	EPA 3050B	1,6010C	JH
Magnesium, Total	1600		mg/kg	11	1.1	2	10/22/15 04:48	10/23/15 00:36	EPA 3050B	1,6010C	JH
Manganese, Total	170		mg/kg	1.1	0.22	2	10/22/15 04:48	10/23/15 00:36	EPA 3050B	1,6010C	JH
Mercury, Total	0.28		mg/kg	0.09	0.02	1	10/24/15 12:50	10/26/15 14:20	EPA 7471B	1,7471B	DB
Nickel, Total	10		mg/kg	2.7	0.43	2	10/22/15 04:48	10/23/15 00:36	EPA 3050B	1,6010C	JH
Potassium, Total	700		mg/kg	270	43.	2	10/22/15 04:48	10/23/15 00:36	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	2.2	0.32	2	10/22/15 04:48	10/23/15 00:36	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	1.1	0.22	2	10/22/15 04:48	10/23/15 00:36	EPA 3050B	1,6010C	JH
Sodium, Total	280		mg/kg	220	32.	2	10/22/15 04:48	10/23/15 00:36	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	2.2	0.43	2	10/22/15 04:48	10/23/15 00:36	EPA 3050B	1,6010C	JH
Vanadium, Total	15		mg/kg	1.1	0.11	2	10/22/15 04:48	10/23/15 00:36	EPA 3050B	1,6010C	JH
Zinc, Total	260		mg/kg	5.4	0.76	2	10/22/15 04:48	10/23/15 00:36	EPA 3050B	1,6010C	JH





**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

Lab ID: L1526871-06  
 Client ID: SP-SHED (0-100)  
 Sample Location: 5-49 46TH AVENUE, LONG ISLAND  
 Matrix: Soil  
 Percent Solids: 88%

Date Collected: 10/21/15 14:30  
 Date Received: 10/21/15  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Westborough Lab</b>											
Aluminum, Total	6700		mg/kg	9.0	1.8	2	10/22/15 04:48	10/23/15 00:40	EPA 3050B	1,6010C	JH
Antimony, Total	1.2	J	mg/kg	4.5	0.72	2	10/22/15 04:48	10/23/15 00:40	EPA 3050B	1,6010C	JH
Arsenic, Total	10		mg/kg	0.90	0.18	2	10/22/15 04:48	10/23/15 00:40	EPA 3050B	1,6010C	JH
Barium, Total	300		mg/kg	0.90	0.27	2	10/22/15 04:48	10/23/15 00:40	EPA 3050B	1,6010C	JH
Beryllium, Total	0.27	J	mg/kg	0.45	0.09	2	10/22/15 04:48	10/23/15 00:40	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.90	0.06	2	10/22/15 04:48	10/23/15 00:40	EPA 3050B	1,6010C	JH
Calcium, Total	15000		mg/kg	9.0	2.7	2	10/22/15 04:48	10/23/15 00:40	EPA 3050B	1,6010C	JH
Chromium, Total	23		mg/kg	0.90	0.18	2	10/22/15 04:48	10/23/15 00:40	EPA 3050B	1,6010C	JH
Cobalt, Total	7.9		mg/kg	1.8	0.45	2	10/22/15 04:48	10/23/15 00:40	EPA 3050B	1,6010C	JH
Copper, Total	110		mg/kg	0.90	0.18	2	10/22/15 04:48	10/23/15 00:40	EPA 3050B	1,6010C	JH
Iron, Total	18000		mg/kg	4.5	1.8	2	10/22/15 04:48	10/23/15 00:40	EPA 3050B	1,6010C	JH
Lead, Total	200		mg/kg	4.5	0.18	2	10/22/15 04:48	10/23/15 00:40	EPA 3050B	1,6010C	JH
Magnesium, Total	3300		mg/kg	9.0	0.90	2	10/22/15 04:48	10/23/15 00:40	EPA 3050B	1,6010C	JH
Manganese, Total	250		mg/kg	0.90	0.18	2	10/22/15 04:48	10/23/15 00:40	EPA 3050B	1,6010C	JH
Mercury, Total	0.77		mg/kg	0.07	0.02	1	10/24/15 12:50	10/26/15 14:25	EPA 7471B	1,7471B	DB
Nickel, Total	18		mg/kg	2.2	0.36	2	10/22/15 04:48	10/23/15 00:40	EPA 3050B	1,6010C	JH
Potassium, Total	2400		mg/kg	220	36.	2	10/22/15 04:48	10/23/15 00:40	EPA 3050B	1,6010C	JH
Selenium, Total	0.66	J	mg/kg	1.8	0.27	2	10/22/15 04:48	10/23/15 00:40	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.90	0.18	2	10/22/15 04:48	10/23/15 00:40	EPA 3050B	1,6010C	JH
Sodium, Total	410		mg/kg	180	27.	2	10/22/15 04:48	10/23/15 00:40	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.36	2	10/22/15 04:48	10/23/15 00:40	EPA 3050B	1,6010C	JH
Vanadium, Total	30		mg/kg	0.90	0.09	2	10/22/15 04:48	10/23/15 00:40	EPA 3050B	1,6010C	JH
Zinc, Total	410		mg/kg	4.5	0.63	2	10/22/15 04:48	10/23/15 00:40	EPA 3050B	1,6010C	JH



**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

## Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>Total Metals - Westborough Lab for sample(s): 03,06 Batch: WG833059-1</b>									
Aluminum, Total	ND	mg/kg	4.0	0.80	1	10/22/15 04:48	10/22/15 19:31	1,6010C	JH
Antimony, Total	ND	mg/kg	2.0	0.32	1	10/22/15 04:48	10/22/15 19:31	1,6010C	JH
Arsenic, Total	ND	mg/kg	0.40	0.08	1	10/22/15 04:48	10/22/15 19:31	1,6010C	JH
Barium, Total	ND	mg/kg	0.40	0.12	1	10/22/15 04:48	10/22/15 19:31	1,6010C	JH
Beryllium, Total	ND	mg/kg	0.20	0.04	1	10/22/15 04:48	10/22/15 19:31	1,6010C	JH
Cadmium, Total	ND	mg/kg	0.40	0.03	1	10/22/15 04:48	10/22/15 19:31	1,6010C	JH
Calcium, Total	ND	mg/kg	4.0	1.2	1	10/22/15 04:48	10/22/15 19:31	1,6010C	JH
Chromium, Total	ND	mg/kg	0.40	0.08	1	10/22/15 04:48	10/22/15 19:31	1,6010C	JH
Cobalt, Total	ND	mg/kg	0.80	0.20	1	10/22/15 04:48	10/22/15 19:31	1,6010C	JH
Copper, Total	ND	mg/kg	0.40	0.08	1	10/22/15 04:48	10/22/15 19:31	1,6010C	JH
Iron, Total	ND	mg/kg	2.0	0.80	1	10/22/15 04:48	10/22/15 19:31	1,6010C	JH
Lead, Total	ND	mg/kg	2.0	0.08	1	10/22/15 04:48	10/22/15 19:31	1,6010C	JH
Magnesium, Total	ND	mg/kg	4.0	0.40	1	10/22/15 04:48	10/22/15 19:31	1,6010C	JH
Manganese, Total	ND	mg/kg	0.40	0.08	1	10/22/15 04:48	10/22/15 19:31	1,6010C	JH
Nickel, Total	ND	mg/kg	1.0	0.16	1	10/22/15 04:48	10/22/15 19:31	1,6010C	JH
Potassium, Total	ND	mg/kg	100	16.	1	10/22/15 04:48	10/22/15 19:31	1,6010C	JH
Selenium, Total	ND	mg/kg	0.80	0.12	1	10/22/15 04:48	10/22/15 19:31	1,6010C	JH
Silver, Total	ND	mg/kg	0.40	0.08	1	10/22/15 04:48	10/22/15 19:31	1,6010C	JH
Sodium, Total	ND	mg/kg	80	12.	1	10/22/15 04:48	10/22/15 19:31	1,6010C	JH
Thallium, Total	ND	mg/kg	0.80	0.16	1	10/22/15 04:48	10/22/15 19:31	1,6010C	JH
Vanadium, Total	ND	mg/kg	0.40	0.04	1	10/22/15 04:48	10/22/15 19:31	1,6010C	JH
Zinc, Total	ND	mg/kg	2.0	0.28	1	10/22/15 04:48	10/22/15 19:31	1,6010C	JH

### Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>Total Metals - Westborough Lab for sample(s): 01 Batch: WG833120-1</b>									
Aluminum, Total	ND	mg/l	0.10	0.020	1	10/22/15 08:45	10/23/15 18:39	1,6010C	PS
Antimony, Total	ND	mg/l	0.0500	0.0080	1	10/22/15 08:45	10/23/15 18:39	1,6010C	PS
Arsenic, Total	ND	mg/l	0.0050	0.0020	1	10/22/15 08:45	10/23/15 18:39	1,6010C	PS
Barium, Total	ND	mg/l	0.0100	0.0030	1	10/22/15 08:45	10/23/15 18:39	1,6010C	PS



**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

### Method Blank Analysis Batch Quality Control

Beryllium, Total	ND		mg/l	0.0050	0.0010	1	10/22/15 08:45	10/23/15 18:39	1,6010C	PS
Cadmium, Total	ND		mg/l	0.0050	0.0007	1	10/22/15 08:45	10/23/15 18:39	1,6010C	PS
Calcium, Total	ND		mg/l	0.10	0.030	1	10/22/15 08:45	10/23/15 18:39	1,6010C	PS
Chromium, Total	0.0023	J	mg/l	0.010	0.0020	1	10/22/15 08:45	10/23/15 18:39	1,6010C	PS
Cobalt, Total	ND		mg/l	0.0200	0.0050	1	10/22/15 08:45	10/23/15 18:39	1,6010C	PS
Copper, Total	ND		mg/l	0.0100	0.0020	1	10/22/15 08:45	10/23/15 18:39	1,6010C	PS
Iron, Total	ND		mg/l	0.050	0.020	1	10/22/15 08:45	10/23/15 18:39	1,6010C	PS
Lead, Total	ND		mg/l	0.0100	0.0020	1	10/22/15 08:45	10/23/15 18:39	1,6010C	PS
Magnesium, Total	ND		mg/l	0.10	0.010	1	10/22/15 08:45	10/23/15 18:39	1,6010C	PS
Manganese, Total	ND		mg/l	0.0100	0.0020	1	10/22/15 08:45	10/23/15 18:39	1,6010C	PS
Nickel, Total	ND		mg/l	0.0250	0.0040	1	10/22/15 08:45	10/23/15 18:39	1,6010C	PS
Potassium, Total	ND		mg/l	2.5	0.40	1	10/22/15 08:45	10/23/15 18:39	1,6010C	PS
Selenium, Total	ND		mg/l	0.0100	0.0030	1	10/22/15 08:45	10/23/15 18:39	1,6010C	PS
Silver, Total	ND		mg/l	0.0070	0.0020	1	10/22/15 08:45	10/23/15 18:39	1,6010C	PS
Sodium, Total	ND		mg/l	2.0	0.30	1	10/22/15 08:45	10/23/15 18:39	1,6010C	PS
Thallium, Total	ND		mg/l	0.0200	0.0040	1	10/22/15 08:45	10/23/15 18:39	1,6010C	PS
Vanadium, Total	ND		mg/l	0.0100	0.0010	1	10/22/15 08:45	10/23/15 18:39	1,6010C	PS
Zinc, Total	ND		mg/l	0.0500	0.0070	1	10/22/15 08:45	10/23/15 18:39	1,6010C	PS

#### Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01 Batch: WG833185-1										
Mercury, Total	ND		mg/l	0.00020	0.00006	1	10/22/15 11:48	10/22/15 20:21	1,7470A	EA

#### Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 03,06 Batch: WG833841-1										
Mercury, Total	0.02	J	mg/kg	0.08	0.02	1	10/24/15 12:50	10/26/15 14:09	1,7471B	DB



**Project Name:** FORMER PARAGON PAINT & VARNISH

**Lab Number:** L1526871

**Project Number:** 2051.0001Y000

**Report Date:** 10/28/15

## Method Blank Analysis Batch Quality Control

### Prep Information

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Digestion Method: EPA 7471B

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH

**Lab Number:** L1526871

**Project Number:** 2051.0001Y000

**Report Date:** 10/28/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Westborough Lab Associated sample(s): 03,06 Batch: WG833059-2 SRM Lot Number: D088-540								
Aluminum, Total	90		-		48-151	-		
Antimony, Total	159		-		1-208	-		
Arsenic, Total	105		-		79-121	-		
Barium, Total	88		-		83-117	-		
Beryllium, Total	92		-		83-117	-		
Cadmium, Total	93		-		83-117	-		
Calcium, Total	94		-		81-119	-		
Chromium, Total	101		-		80-120	-		
Cobalt, Total	91		-		84-115	-		
Copper, Total	98		-		81-118	-		
Iron, Total	103		-		45-155	-		
Lead, Total	92		-		81-117	-		
Magnesium, Total	98		-		76-124	-		
Manganese, Total	91		-		81-118	-		
Nickel, Total	94		-		83-117	-		
Potassium, Total	100		-		71-129	-		
Selenium, Total	97		-		78-122	-		
Silver, Total	103		-		75-124	-		
Sodium, Total	90		-		72-127	-		
Thallium, Total	95		-		80-120	-		
Vanadium, Total	97		-		78-122	-		

**Lab Control Sample Analysis****Batch Quality Control****Project Name:** FORMER PARAGON PAINT & VARNISH**Lab Number:** L1526871**Project Number:** 2051.0001Y000**Report Date:** 10/28/15

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>LCSD %Recovery</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>RPD Limits</b>
Total Metals - Westborough Lab Associated sample(s): 03,06 Batch: WG833059-2 SRM Lot Number: D088-540					
Zinc, Total	92	-	82-118	-	

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH

**Lab Number:** L1526871

**Project Number:** 2051.0001Y000

**Report Date:** 10/28/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG833120-2					
Aluminum, Total	105	-	80-120	-	
Antimony, Total	85	-	80-120	-	
Arsenic, Total	106	-	80-120	-	
Barium, Total	106	-	80-120	-	
Beryllium, Total	98	-	80-120	-	
Cadmium, Total	112	-	80-120	-	
Calcium, Total	100	-	80-120	-	
Chromium, Total	100	-	80-120	-	
Cobalt, Total	99	-	80-120	-	
Copper, Total	101	-	80-120	-	
Iron, Total	95	-	80-120	-	
Lead, Total	103	-	80-120	-	
Magnesium, Total	110	-	80-120	-	
Manganese, Total	98	-	80-120	-	
Nickel, Total	99	-	80-120	-	
Potassium, Total	100	-	80-120	-	
Selenium, Total	108	-	80-120	-	
Silver, Total	102	-	80-120	-	
Sodium, Total	110	-	80-120	-	
Thallium, Total	102	-	80-120	-	
Vanadium, Total	103	-	80-120	-	

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG833120-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG833185-2					
Mercury, Total	103	-	80-120	-	
Total Metals - Westborough Lab Associated sample(s): 03,06 Batch: WG833841-2 SRM Lot Number: D088-540					
Mercury, Total	104	-	72-128	-	



### Matrix Spike Analysis Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 03,06    QC Batch ID: WG833059-4    QC Sample: L1526829-02    Client ID: MS Sample												
Aluminum, Total	6000	201	7100	548	Q	-	-		75-125	-		20
Antimony, Total	1.6J	50.2	41	82		-	-		75-125	-		20
Arsenic, Total	6.9	12	14	59	Q	-	-		75-125	-		20
Barium, Total	210	201	360	75		-	-		75-125	-		20
Beryllium, Total	ND	5.02	4.0	80		-	-		75-125	-		20
Cadmium, Total	0.33J	5.12	4.6	90		-	-		75-125	-		20
Calcium, Total	33000	1000	19000	0	Q	-	-		75-125	-		20
Chromium, Total	52.	20.1	57	25	Q	-	-		75-125	-		20
Cobalt, Total	8.4	50.2	43	69	Q	-	-		75-125	-		20
Copper, Total	180	25.1	150	0	Q	-	-		75-125	-		20
Iron, Total	19000	100	15000	0	Q	-	-		75-125	-		20
Lead, Total	1200	51.2	650	0	Q	-	-		75-125	-		20
Magnesium, Total	7900	1000	8200	30	Q	-	-		75-125	-		20
Manganese, Total	200	50.2	200	0	Q	-	-		75-125	-		20
Nickel, Total	40.	50.2	66	52	Q	-	-		75-125	-		20
Potassium, Total	640	1000	1600	96		-	-		75-125	-		20
Selenium, Total	0.60J	12	11	91		-	-		75-125	-		20
Silver, Total	0.11J	30.1	28	93		-	-		75-125	-		20
Sodium, Total	490	1000	1400	91		-	-		75-125	-		20
Thallium, Total	ND	12	8.4	70	Q	-	-		75-125	-		20
Vanadium, Total	72.	50.2	100	56	Q	-	-		75-125	-		20

### Matrix Spike Analysis Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 03,06    QC Batch ID: WG833059-4    QC Sample: L1526829-02    Client ID: MS Sample									
Zinc, Total	580	50.2	400	0	Q	-	75-125	-	20

### Matrix Spike Analysis Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01    QC Batch ID: WG833120-4    QC Sample: L1526864-01    Client ID: MS Sample									
Aluminum, Total	0.11	2	2.1	100	-	-	75-125	-	20
Antimony, Total	0.0310J	0.5	0.409	82	-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.126	105	-	-	75-125	-	20
Barium, Total	ND	2	2.10	105	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.0483	97	-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.0558	109	-	-	75-125	-	20
Calcium, Total	0.15	10	10	98	-	-	75-125	-	20
Chromium, Total	0.0043J	0.2	0.19	95	-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.490	98	-	-	75-125	-	20
Copper, Total	ND	0.25	0.249	100	-	-	75-125	-	20
Iron, Total	0.44	1	1.3	86	-	-	75-125	-	20
Lead, Total	ND	0.51	0.518	102	-	-	75-125	-	20
Magnesium, Total	0.046J	10	11	110	-	-	75-125	-	20
Manganese, Total	0.0063J	0.5	0.488	98	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.487	97	-	-	75-125	-	20
Potassium, Total	ND	10	10	100	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.126	105	-	-	75-125	-	20
Silver, Total	ND	0.05	0.0502	100	-	-	75-125	-	20
Sodium, Total	0.38J	10	11	110	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.121	101	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.502	100	-	-	75-125	-	20

### Matrix Spike Analysis Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG833120-4 QC Sample: L1526864-01 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.505	101	-	-	75-125	-	20
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG833185-4 QC Sample: L1526788-02 Client ID: MS Sample									
Mercury, Total	0.08052	0.005	0.08416	73	Q	-	75-125	-	20
Total Metals - Westborough Lab Associated sample(s): 03,06 QC Batch ID: WG833841-4 QC Sample: L1526882-01 Client ID: MS Sample									
Mercury, Total	0.09	0.15	0.29	134	Q	-	80-120	-	20

## Lab Duplicate Analysis

Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH

**Project Number:** 2051.0001Y000

**Lab Number:** L1526871

**Report Date:** 10/28/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 03,06 QC Batch ID: WG833059-3 QC Sample: L1526829-02 Client ID: DUP Sample						
Lead, Total	1200	740	mg/kg	47	Q	20

## Lab Duplicate Analysis

### Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH

**Project Number:** 2051.0001Y000

**Lab Number:** L1526871

**Report Date:** 10/28/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG833120-3 QC Sample: L1526864-01 Client ID: DUP Sample					
Aluminum, Total	0.11	0.10	mg/l	10	20
Antimony, Total	0.0310J	0.0146J	mg/l	NC	20
Arsenic, Total	ND	ND	mg/l	NC	20
Barium, Total	ND	ND	mg/l	NC	20
Beryllium, Total	ND	ND	mg/l	NC	20
Cadmium, Total	ND	ND	mg/l	NC	20
Calcium, Total	0.15	0.14	mg/l	7	20
Chromium, Total	0.0043J	0.0040J	mg/l	NC	20
Cobalt, Total	ND	ND	mg/l	NC	20
Copper, Total	ND	0.0030J	mg/l	NC	20
Iron, Total	0.44	0.40	mg/l	10	20
Lead, Total	ND	ND	mg/l	NC	20
Magnesium, Total	0.046J	0.043J	mg/l	NC	20
Manganese, Total	0.0063J	0.0056J	mg/l	NC	20
Nickel, Total	ND	ND	mg/l	NC	20
Potassium, Total	ND	ND	mg/l	NC	20
Selenium, Total	ND	ND	mg/l	NC	20
Silver, Total	ND	ND	mg/l	NC	20
Sodium, Total	0.38J	0.34J	mg/l	NC	20

## Lab Duplicate Analysis

Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH

**Project Number:** 2051.0001Y000

**Lab Number:** L1526871

**Report Date:** 10/28/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
<b>Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG833120-3 QC Sample: L1526864-01 Client ID: DUP Sample</b>					
Thallium, Total	ND	ND	mg/l	NC	20
Vanadium, Total	ND	ND	mg/l	NC	20
Zinc, Total	ND	ND	mg/l	NC	20
<b>Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG833185-3 QC Sample: L1526788-02 Client ID: DUP Sample</b>					
Mercury, Total	0.08052	0.08030	mg/l	0	20
<b>Total Metals - Westborough Lab Associated sample(s): 03,06 QC Batch ID: WG833841-3 QC Sample: L1526882-01 Client ID: DUP Sample</b>					
Mercury, Total	0.09	0.10	mg/kg	12	20

# **INORGANICS & MISCELLANEOUS**



**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

**Lab ID:** L1526871-03  
**Client ID:** SP-GARAGE (0-100)  
**Sample Location:** 5-49 46TH AVENUE, LONG ISLAND  
**Matrix:** Soil

**Date Collected:** 10/21/15 14:45  
**Date Received:** 10/21/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.8		%	0.100	NA	1	-	10/22/15 01:48	30,2540G	RT



**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

**Lab ID:** L1526871-04  
**Client ID:** SP-GARAGE (0-50)  
**Sample Location:** 5-49 46TH AVENUE, LONG ISLAND  
**Matrix:** Soil

**Date Collected:** 10/21/15 14:46  
**Date Received:** 10/21/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.1		%	0.100	NA	1	-	10/22/15 01:48	30,2540G	RT



**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

**Lab ID:** L1526871-05  
**Client ID:** SP-GARAGE (50-100)  
**Sample Location:** 5-49 46TH AVENUE, LONG ISLAND  
**Matrix:** Soil

**Date Collected:** 10/21/15 14:48  
**Date Received:** 10/21/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.0		%	0.100	NA	1	-	10/22/15 01:48	30,2540G	RT



**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

**Lab ID:** L1526871-06  
**Client ID:** SP-SHED (0-100)  
**Sample Location:** 5-49 46TH AVENUE, LONG ISLAND  
**Matrix:** Soil

**Date Collected:** 10/21/15 14:30  
**Date Received:** 10/21/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.2		%	0.100	NA	1	-	10/22/15 01:48	30,2540G	RT



**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

**Lab ID:** L1526871-07  
**Client ID:** SP-SHED (0-50)  
**Sample Location:** 5-49 46TH AVENUE, LONG ISLAND  
**Matrix:** Soil

**Date Collected:** 10/21/15 14:36  
**Date Received:** 10/21/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.1		%	0.100	NA	1	-	10/22/15 01:48	30,2540G	RT



**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

**SAMPLE RESULTS**

**Lab ID:** L1526871-08  
**Client ID:** SP-SHED (50-100)  
**Sample Location:** 5-49 46TH AVENUE, LONG ISLAND  
**Matrix:** Soil

**Date Collected:** 10/21/15 14:38  
**Date Received:** 10/21/15  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.1		%	0.100	NA	1	-	10/22/15 01:48	30,2540G	RT



## Lab Duplicate Analysis

Batch Quality Control

**Project Name:** FORMER PARAGON PAINT & VARNISH

**Project Number:** 2051.0001Y000

**Lab Number:** L1526871

**Report Date:** 10/28/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 03-08 QC Batch ID: WG833036-1 QC Sample: L1526801-01 Client ID: DUP Sample						
Solids, Total	34.6	30.9	%	11		20

Project Name: FORMER PARAGON PAINT &amp; VARNISH

Lab Number: L1526871

Project Number: 2051.0001Y000

Report Date: 10/28/15

## Sample Receipt and Container Information

Were project specific reporting limits specified? YES

## Cooler Information Custody Seal

## Cooler

A Absent

## Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1526871-01A	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1526871-01B	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1526871-01C	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1526871-01D	Plastic 250ml HNO3 preserved	A	<2	2.4	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1526871-01E	Amber 500ml unpreserved	A	8	2.4	Y	Absent	NYTCL-8081(7)
L1526871-01F	Amber 500ml unpreserved	A	8	2.4	Y	Absent	NYTCL-8081(7)
L1526871-01G	Amber 1000ml unpreserved	A	8	2.4	Y	Absent	NYTCL-8082-1200ML(7)
L1526871-01H	Amber 1000ml unpreserved	A	8	2.4	Y	Absent	NYTCL-8082-1200ML(7)
L1526871-01I	Amber 1000ml unpreserved	A	8	2.4	Y	Absent	NYTCL-8270(7)
L1526871-01J	Amber 1000ml unpreserved	A	8	2.4	Y	Absent	NYTCL-8270(7)
L1526871-02A	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1526871-02B	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1526871-03A	Glass 500ml/16oz unpreserved	A	N/A	2.4	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1526871-04A	Plastic 2oz unpreserved for TS	A	N/A	2.4	Y	Absent	TS(7)
L1526871-04B	Vial Large Septa unpreserved (4o	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1526871-04B9	Vial MeOH preserved split	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1526871-05A	Plastic 2oz unpreserved for TS	A	N/A	2.4	Y	Absent	TS(7)

\*Values in parentheses indicate holding time in days





**Project Name:** FORMER PARAGON PAINT & VARNISH  
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**Container Information**

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1526871-05B	Vial Large Septa unpreserved (4o	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1526871-05B9	Vial MeOH preserved split	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1526871-06A	Glass 500ml/16oz unpreserved	A	N/A	2.4	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1526871-07A	Plastic 2oz unpreserved for TS	A	N/A	2.4	Y	Absent	TS(7)
L1526871-07B	Vial Large Septa unpreserved (4o	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1526871-07B9	Vial MeOH preserved split	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1526871-08A	Plastic 2oz unpreserved for TS	A	N/A	2.4	Y	Absent	TS(7)
L1526871-08B	Vial Large Septa unpreserved (4o	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1526871-08B9	Vial MeOH preserved split	A	N/A	2.4	Y	Absent	NYTCL-8260(14)

\*Values in parentheses indicate holding time in days



**Project Name:** FORMER PARAGON PAINT & VARNISH  
**Project Number:** 2051.0001Y000

**Lab Number:** L1526871  
**Report Date:** 10/28/15

## GLOSSARY

### Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCS D	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MS D	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

### Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

### Terms

**Total:** With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

**Analytical Method:** Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

### Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

**Report Format:** DU Report with 'J' Qualifiers



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#### Data Qualifiers

- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



**Project Name:** FORMER PARAGON PAINT & VARNISH  
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**Lab Number:** L1526871  
**Report Date:** 10/28/15

## REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



## Certification Information

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The following analytes are not included in our Primary NELAP Scope of Accreditation:

### Westborough Facility

**EPA 8260C:** 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide) (soil), Methyl methacrylate (soil), Azobenzene.

**EPA 8270D:** Dimethylnaphthalene, 1,4-Diphenylhydrazine.

**EPA 625:** 4-Chloroaniline, 4-Methylphenol.

**SM4500:** Soil: Total Phosphorus, TKN, NO<sub>2</sub>, NO<sub>3</sub>.

### Mansfield Facility

**EPA 8270D:** Biphenyl.

**EPA 2540D:** TSS

**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

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The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

### Drinking Water

**EPA 200.8:** Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;

**EPA 300.0:** Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

**EPA 332:** Perchlorate.

**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

### Non-Potable Water

**EPA 200.8:** Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;

**EPA 200.7:** Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;

**EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F,**

**EPA 353.2:** Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**

**EPA 624:** Volatile Halocarbons & Aromatics,

**EPA 608:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs


**EPA 625:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

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For a complete listing of analytes and methods, please contact your Alpha Project Manager.



 <b>NEW YORK CHAIN OF CUSTODY</b>	<b>Service Centers</b> Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page <u>1</u>	Date Rec'd in Lab <u>10/21/15</u>	ALPHA Job # <u>11526871</u>							
		of <u>1</u>									
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	<b>Project Information</b>		<b>Deliverables</b>	<b>Billing Information</b>						
Project Name: <u>FORMER PARAGON PAINT &amp; VARNISH CORP</u> Project Location: <u>549 46<sup>th</sup> Ave, LIC, NY</u> Project # <u>2651-0001Y000</u>		<input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		<input checked="" type="checkbox"/> Same as Client Info PO #							
<b>Client Information</b>		<b>Regulatory Requirement</b>		<b>Disposal Site Information</b>							
Client: <u>ROUX ASSOCIATES, INC</u> Address: <u>209 SNAFFER ST.</u> <u>ISLANDIA NY 11749</u> Phone: <u>631-232-2600</u> Fax: <u>631-232-9898</u> Email: <u>rmaxwell@rouxinc.com</u>		(Use Project name as Project #) <input type="checkbox"/> <u>ROUX: RICHARD MAXWELL</u> <u>ALPINA: DARYN ESTABROOK</u> Project Manager:		<input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge							
Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		Please identify below location of applicable disposal facilities. Disposal Facility: <input checked="" type="checkbox"/> NJ <input checked="" type="checkbox"/> NY <input type="checkbox"/> Other:		These samples have been previously analyzed by Alpha <input type="checkbox"/>							
Other project specific requirements/comments: <div style="font-size: 2em; text-align: center; margin-top: 10px;">CAT B DELIVERABLES</div> Please specify Metals or TAL.		<b>ANALYSIS</b>		<b>Sample Filtration</b>							
				<input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)							
				Total Bottles							
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	TCL VOC	TCL SVOC	TAL Metals	TCL PCBs	TCL Pest	Sample Specific Comments
		Date	Time								
<u>06871-01</u>	<u>FB102115</u>	<u>10-21-15</u>	<u>1500</u>	<u>FB</u>	<u>RRH</u>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	
<u>02</u>	<u>FB102115</u>	<u>10-21-15</u>	<u>-</u>	<u>TR</u>	<u>RRH</u>	<del>X</del>					
<u>03</u>	<u>SP-Grage (0-100)</u>	<u>10-21-15</u>	<u>1445</u>	<u>S</u>	<u>RRH</u>	<del>X</del>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	
<u>04</u>	<u>SP-Grage (0-50)</u>	<u>10-21-15</u>	<u>1446</u>	<u>S</u>	<u>RRH</u>	<del>X</del>					
<u>05</u>	<u>SP-Grage (50-100)</u>	<u>10-21-15</u>	<u>1448</u>	<u>S</u>	<u>RRH</u>	<del>X</del>					
<u>06</u>	<u>SP-Shed (0-100)</u>	<u>10-21-15</u>	<u>1430</u>	<u>S</u>	<u>RRH</u>	<del>X</del>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	
<u>07</u>	<u>SP-Shed (0-50)</u>	<u>10-21-15</u>	<u>1436</u>	<u>S</u>	<u>RRH</u>	<del>X</del>					
<u>08</u>	<u>SP-Shed (50-100)</u>	<u>10-21-15</u>	<u>1438</u>	<u>S</u>	<u>RRH</u>	<del>X</del>					
Preservative Code: A = None B = HCl C = HNO <sub>3</sub> D = H <sub>2</sub> SO <sub>4</sub> E = NaOH F = MeOH G = NaHSO <sub>4</sub> H = Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		A A A A A A A A A A		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
		Relinquished By:		Date/Time		Received By:		Date/Time			
		<u>Rachel G...</u>		<u>10-21-15 16:10</u>		<u>Tom T...</u>		<u>10/21/15 16:10</u>			
		<u>Diane...</u>		<u>10/21/15 18:20</u>		<u>Tom T...</u>		<u>10-21-15 18:20</u>			
		<u>Tom T...</u>		<u>10/21/15 22:55</u>		<u>William...</u>		<u>10/21/15 22:55</u>			