

APPENDIX BB

Pre-Delineation Soil Analytical Sampling Data

(Provided on DVD in Bound Report)



ANALYTICAL REPORT

Lab Number:	L1524771
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:	10/06/15

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

Lab Number: L1524771
Report Date: 10/06/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1524771-01	FB100115	WATER	5-49 46TH AVENUE, LONG ISLAND CITY, NY	10/01/15 17:10	10/01/15
L1524771-02	TB100115	WATER	5-49 46TH AVENUE, LONG ISLAND CITY, NY	10/01/15 00:00	10/01/15
L1524771-03	DUP100115	SOIL	5-49 46TH AVENUE, LONG ISLAND CITY, NY	10/01/15 11:59	10/01/15
L1524771-04	PD-03/8-10	SOIL	5-49 46TH AVENUE, LONG ISLAND CITY, NY	10/01/15 11:10	10/01/15
L1524771-05	PD-03/12-14	SOIL	5-49 46TH AVENUE, LONG ISLAND CITY, NY	10/01/15 11:15	10/01/15
L1524771-06	PD-06/8-10	SOIL	5-49 46TH AVENUE, LONG ISLAND CITY, NY	10/01/15 08:50	10/01/15
L1524771-07	PD-02/10-12	SOIL	5-49 46TH AVENUE, LONG ISLAND CITY, NY	09/30/15 17:30	10/01/15
L1524771-08	PD-05D/8-10	SOIL	5-49 46TH AVENUE, LONG ISLAND CITY, NY	10/01/15 15:45	10/01/15
L1524771-09	PD-04/8-10	SOIL	5-49 46TH AVENUE, LONG ISLAND CITY, NY	10/01/15 10:35	10/01/15
L1524771-10	PD-03B/8-10	SOIL	5-49 46TH AVENUE, LONG ISLAND CITY, NY	10/01/15 14:45	10/01/15
L1524771-11	PD-05B/10-12	SOIL	5-49 46TH AVENUE, LONG ISLAND CITY, NY	10/01/15 15:47	10/01/15
L1524771-12	PD-03B-ID	SOIL	5-49 46TH AVENUE, LONG ISLAND CITY, NY	10/01/15 14:17	10/01/15
L1524771-13	PD-04B/8-10	SOIL	5-49 46TH AVENUE, LONG ISLAND CITY, NY	10/01/15 14:12	10/01/15

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

Lab Number: L1524771
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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.

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

Lab Number: L1524771
Report Date: 10/06/15

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

L1524771-04 through -06 and -09: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of non-target compounds in the sample.

Metals

L1524771-12: 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.

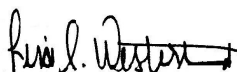
The WG827183-4 MS recoveries for aluminum (0%), calcium (26500%), iron (0%), lead (0%), manganese (42%), and zinc (0%) performed on L1524771-12, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG827183-4 MS recoveries, performed on L1524771-12, are outside the acceptance criteria for arsenic (67%), barium (26%), chromium (56%), cobalt (74%), copper (34%), magnesium (74%), nickel (70%), and thallium (64%). A post digestion spike was performed and yielded unacceptable recoveries for barium (76%), chromium (73%), cobalt (71%), magnesium (65%), nickel (71%), and thallium (67%); all other compounds were within acceptance criteria. This has been attributed to sample matrix.

The WG827183-3 Laboratory Duplicate RPDs, performed on L1524771-12, are outside the acceptance criteria for aluminum (37%), arsenic (21%), barium (53%), chromium (64%), iron (33%), lead (51%) and nickel (46%). The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.

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:

 Lisa Westerlind

Title: Technical Director/Representative

Date: 10/06/15

ORGANICS

VOLATILES

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

Lab Number: L1524771
Report Date: 10/06/15

SAMPLE RESULTS

Lab ID: L1524771-01
Client ID: FB100115
Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/05/15 15:56
Analyst: PD

Date Collected: 10/01/15 17:10
Date Received: 10/01/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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:** L1524771**Project Number:** 2051.0001Y000**Report Date:** 10/06/15**SAMPLE RESULTS****Lab ID:** L1524771-01**Date Collected:** 10/01/15 17:10**Client ID:** FB100115**Date Received:** 10/01/15**Sample Location:** 5-49 46TH AVENUE, LONG ISLAND CITY, NY**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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	1.7	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	102		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	100		70-130

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

Lab Number: L1524771
Report Date: 10/06/15

SAMPLE RESULTS

Lab ID: L1524771-02
Client ID: TB100115
Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/05/15 16:23
Analyst: PD

Date Collected: 10/01/15 00:00
Date Received: 10/01/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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:** L1524771**Project Number:** 2051.0001Y000**Report Date:** 10/06/15**SAMPLE RESULTS****Lab ID:** L1524771-02**Date Collected:** 10/01/15 00:00**Client ID:** TB100115**Date Received:** 10/01/15**Sample Location:** 5-49 46TH AVENUE, LONG ISLAND CITY, NY**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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	100		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	100		70-130

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

Lab Number: L1524771
Report Date: 10/06/15

SAMPLE RESULTS

Lab ID: L1524771-03
Client ID: DUP100115
Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/05/15 10:27
Analyst: BN
Percent Solids: 64%

Date Collected: 10/01/15 11:59
Date Received: 10/01/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	18	2.0	1
1,1-Dichloroethane	ND		ug/kg	2.7	0.16	1
Chloroform	ND		ug/kg	2.7	0.67	1
Carbon tetrachloride	ND		ug/kg	1.8	0.38	1
1,2-Dichloropropane	ND		ug/kg	6.4	0.41	1
Dibromochloromethane	ND		ug/kg	1.8	0.28	1
1,1,2-Trichloroethane	ND		ug/kg	2.7	0.55	1
Tetrachloroethene	ND		ug/kg	1.8	0.25	1
Chlorobenzene	ND		ug/kg	1.8	0.63	1
Trichlorofluoromethane	ND		ug/kg	9.1	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.8	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	1.8	0.20	1
Bromodichloromethane	ND		ug/kg	1.8	0.31	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	0.22	1
cis-1,3-Dichloropropene	ND		ug/kg	1.8	0.21	1
Bromoform	ND		ug/kg	7.3	0.43	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.8	0.18	1
Benzene	ND		ug/kg	1.8	0.21	1
Toluene	ND		ug/kg	2.7	0.35	1
Ethylbenzene	ND		ug/kg	1.8	0.23	1
Chloromethane	ND		ug/kg	9.1	0.53	1
Bromomethane	ND		ug/kg	3.6	0.61	1
Vinyl chloride	ND		ug/kg	3.6	0.21	1
Chloroethane	ND		ug/kg	3.6	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.8	0.48	1
trans-1,2-Dichloroethene	ND		ug/kg	2.7	0.38	1
Trichloroethene	ND		ug/kg	1.8	0.23	1
1,2-Dichlorobenzene	ND		ug/kg	9.1	0.28	1
1,3-Dichlorobenzene	ND		ug/kg	9.1	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	9.1	0.25	1

Project Name: PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524771**Project Number:** 2051.0001Y000**Report Date:** 10/06/15**SAMPLE RESULTS****Lab ID:** L1524771-03**Date Collected:** 10/01/15 11:59**Client ID:** DUP100115**Date Received:** 10/01/15**Sample Location:** 5-49 46TH AVENUE, LONG ISLAND CITY, NY**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	3.6	0.15	1
p/m-Xylene	ND		ug/kg	3.6	0.36	1
o-Xylene	ND		ug/kg	3.6	0.31	1
Xylenes, Total	ND		ug/kg	3.6	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.8	0.26	1
Styrene	ND		ug/kg	3.6	0.73	1
Dichlorodifluoromethane	ND		ug/kg	18	0.35	1
Acetone	59		ug/kg	18	1.9	1
Carbon disulfide	ND		ug/kg	18	2.0	1
2-Butanone	18		ug/kg	18	0.49	1
4-Methyl-2-pentanone	ND		ug/kg	18	0.44	1
2-Hexanone	ND		ug/kg	18	1.2	1
Bromochloromethane	ND		ug/kg	9.1	0.50	1
1,2-Dibromoethane	ND		ug/kg	7.3	0.32	1
sec-Butylbenzene	ND		ug/kg	1.8	0.22	1
tert-Butylbenzene	7.4	J	ug/kg	9.1	0.25	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	9.1	0.72	1
Isopropylbenzene	ND		ug/kg	1.8	0.19	1
n-Propylbenzene	ND		ug/kg	1.8	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	9.1	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	9.1	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	9.1	0.26	1
1,4-Dioxane	ND		ug/kg	180	26.	1
Freon-113	ND		ug/kg	36	0.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	97		70-130

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

Lab Number: L1524771
Report Date: 10/06/15

SAMPLE RESULTS

Lab ID: L1524771-04
Client ID: PD-03/8-10
Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/04/15 17:29
Analyst: BN
Percent Solids: 53%

Date Collected: 10/01/15 11:10
Date Received: 10/01/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1900	210	1
1,1-Dichloroethane	ND		ug/kg	280	16.	1
Chloroform	ND		ug/kg	280	70.	1
Carbon tetrachloride	ND		ug/kg	190	40.	1
1,2-Dichloropropane	ND		ug/kg	660	43.	1
Dibromochloromethane	ND		ug/kg	190	29.	1
1,1,2-Trichloroethane	ND		ug/kg	280	57.	1
Tetrachloroethene	ND		ug/kg	190	26.	1
Chlorobenzene	ND		ug/kg	190	65.	1
Trichlorofluoromethane	ND		ug/kg	940	73.	1
1,2-Dichloroethane	ND		ug/kg	190	21.	1
1,1,1-Trichloroethane	ND		ug/kg	190	21.	1
Bromodichloromethane	ND		ug/kg	190	32.	1
trans-1,3-Dichloropropene	ND		ug/kg	190	23.	1
cis-1,3-Dichloropropene	ND		ug/kg	190	22.	1
Bromoform	ND		ug/kg	750	44.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	190	19.	1
Benzene	ND		ug/kg	190	22.	1
Toluene	ND		ug/kg	280	37.	1
Ethylbenzene	ND		ug/kg	190	24.	1
Chloromethane	ND		ug/kg	940	55.	1
Bromomethane	ND		ug/kg	380	64.	1
Vinyl chloride	ND		ug/kg	380	22.	1
Chloroethane	ND		ug/kg	380	59.	1
1,1-Dichloroethene	ND		ug/kg	190	49.	1
trans-1,2-Dichloroethene	ND		ug/kg	280	40.	1
Trichloroethene	ND		ug/kg	190	24.	1
1,2-Dichlorobenzene	ND		ug/kg	940	29.	1
1,3-Dichlorobenzene	ND		ug/kg	940	25.	1
1,4-Dichlorobenzene	ND		ug/kg	940	26.	1

Project Name: PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524771**Project Number:** 2051.0001Y000**Report Date:** 10/06/15**SAMPLE RESULTS****Lab ID:** L1524771-04**Date Collected:** 10/01/15 11:10**Client ID:** PD-03/8-10**Date Received:** 10/01/15**Sample Location:** 5-49 46TH AVENUE, LONG ISLAND CITY, NY**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	380	16.	1
p/m-Xylene	ND		ug/kg	380	37.	1
o-Xylene	ND		ug/kg	380	32.	1
Xylenes, Total	ND		ug/kg	380	32.	1
cis-1,2-Dichloroethene	ND		ug/kg	190	27.	1
Styrene	ND		ug/kg	380	76.	1
Dichlorodifluoromethane	ND		ug/kg	1900	36.	1
Acetone	ND		ug/kg	1900	190	1
Carbon disulfide	ND		ug/kg	1900	210	1
2-Butanone	ND		ug/kg	1900	51.	1
4-Methyl-2-pentanone	ND		ug/kg	1900	46.	1
2-Hexanone	ND		ug/kg	1900	120	1
Bromochloromethane	ND		ug/kg	940	52.	1
1,2-Dibromoethane	ND		ug/kg	750	33.	1
sec-Butylbenzene	ND		ug/kg	190	23.	1
tert-Butylbenzene	ND		ug/kg	940	25.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	940	74.	1
Isopropylbenzene	ND		ug/kg	190	20.	1
n-Propylbenzene	ND		ug/kg	190	20.	1
1,2,3-Trichlorobenzene	ND		ug/kg	940	28.	1
1,2,4-Trichlorobenzene	ND		ug/kg	940	34.	1
1,3,5-Trimethylbenzene	ND		ug/kg	940	27.	1
1,4-Dioxane	ND		ug/kg	19000	2700	1
Freon-113	ND		ug/kg	3800	52.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	101		70-130

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

Lab Number: L1524771
Report Date: 10/06/15

SAMPLE RESULTS

Lab ID: L1524771-05 **D**
Client ID: PD-03/12-14
Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/06/15 09:22
Analyst: BN
Percent Solids: 81%

Date Collected: 10/01/15 11:15
Date Received: 10/01/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	30000	3300	40
1,1-Dichloroethane	ND		ug/kg	4500	250	40
Chloroform	ND		ug/kg	4500	1100	40
Carbon tetrachloride	ND		ug/kg	3000	620	40
1,2-Dichloropropane	ND		ug/kg	10000	680	40
Dibromochloromethane	ND		ug/kg	3000	460	40
1,1,2-Trichloroethane	ND		ug/kg	4500	900	40
Tetrachloroethene	ND		ug/kg	3000	420	40
Chlorobenzene	ND		ug/kg	3000	1000	40
Trichlorofluoromethane	ND		ug/kg	15000	1200	40
1,2-Dichloroethane	ND		ug/kg	3000	340	40
1,1,1-Trichloroethane	ND		ug/kg	3000	330	40
Bromodichloromethane	ND		ug/kg	3000	520	40
trans-1,3-Dichloropropene	ND		ug/kg	3000	360	40
cis-1,3-Dichloropropene	ND		ug/kg	3000	350	40
Bromoform	ND		ug/kg	12000	700	40
1,1,2,2-Tetrachloroethane	ND		ug/kg	3000	300	40
Benzene	ND		ug/kg	3000	350	40
Toluene	ND		ug/kg	4500	580	40
Ethylbenzene	ND		ug/kg	3000	380	40
Chloromethane	ND		ug/kg	15000	880	40
Bromomethane	ND		ug/kg	6000	1000	40
Vinyl chloride	ND		ug/kg	6000	350	40
Chloroethane	ND		ug/kg	6000	940	40
1,1-Dichloroethene	ND		ug/kg	3000	780	40
trans-1,2-Dichloroethene	ND		ug/kg	4500	630	40
Trichloroethene	ND		ug/kg	3000	370	40
1,2-Dichlorobenzene	ND		ug/kg	15000	460	40
1,3-Dichlorobenzene	ND		ug/kg	15000	400	40
1,4-Dichlorobenzene	ND		ug/kg	15000	410	40

Project Name: PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524771**Project Number:** 2051.0001Y000**Report Date:** 10/06/15**SAMPLE RESULTS****Lab ID:** L1524771-05 D**Date Collected:** 10/01/15 11:15**Client ID:** PD-03/12-14**Date Received:** 10/01/15**Sample Location:** 5-49 46TH AVENUE, LONG ISLAND CITY, NY**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	6000	250	40
p/m-Xylene	ND		ug/kg	6000	590	40
o-Xylene	ND		ug/kg	6000	510	40
Xylenes, Total	ND		ug/kg	6000	510	40
cis-1,2-Dichloroethene	ND		ug/kg	3000	420	40
Styrene	ND		ug/kg	6000	1200	40
Dichlorodifluoromethane	ND		ug/kg	30000	570	40
Acetone	ND		ug/kg	30000	3100	40
Carbon disulfide	ND		ug/kg	30000	3300	40
2-Butanone	ND		ug/kg	30000	810	40
4-Methyl-2-pentanone	ND		ug/kg	30000	730	40
2-Hexanone	ND		ug/kg	30000	2000	40
Bromochloromethane	ND		ug/kg	15000	820	40
1,2-Dibromoethane	ND		ug/kg	12000	520	40
sec-Butylbenzene	42000		ug/kg	3000	360	40
tert-Butylbenzene	9600	J	ug/kg	15000	400	40
1,2-Dibromo-3-chloropropane	ND		ug/kg	15000	1200	40
Isopropylbenzene	28000		ug/kg	3000	310	40
n-Propylbenzene	48000		ug/kg	3000	320	40
1,2,3-Trichlorobenzene	ND		ug/kg	15000	440	40
1,2,4-Trichlorobenzene	ND		ug/kg	15000	540	40
1,3,5-Trimethylbenzene	36000		ug/kg	15000	430	40
1,4-Dioxane	ND		ug/kg	300000	43000	40
Freon-113	ND		ug/kg	60000	820	40

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	106		70-130

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

Lab Number: L1524771
Report Date: 10/06/15

SAMPLE RESULTS

Lab ID: L1524771-06 **D**
Client ID: PD-06/8-10
Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/05/15 12:53
Analyst: BN
Percent Solids: 81%

Date Collected: 10/01/15 08:50
Date Received: 10/01/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	35000	3800	50
1,1-Dichloroethane	ND		ug/kg	5200	300	50
Chloroform	ND		ug/kg	5200	1300	50
Carbon tetrachloride	ND		ug/kg	3500	730	50
1,2-Dichloropropane	ND		ug/kg	12000	800	50
Dibromochloromethane	ND		ug/kg	3500	540	50
1,1,2-Trichloroethane	ND		ug/kg	5200	1100	50
Tetrachloroethene	ND		ug/kg	3500	490	50
Chlorobenzene	ND		ug/kg	3500	1200	50
Trichlorofluoromethane	ND		ug/kg	17000	1400	50
1,2-Dichloroethane	ND		ug/kg	3500	400	50
1,1,1-Trichloroethane	ND		ug/kg	3500	390	50
Bromodichloromethane	ND		ug/kg	3500	600	50
trans-1,3-Dichloropropene	ND		ug/kg	3500	420	50
cis-1,3-Dichloropropene	ND		ug/kg	3500	410	50
Bromoform	ND		ug/kg	14000	820	50
1,1,2,2-Tetrachloroethane	ND		ug/kg	3500	350	50
Benzene	ND		ug/kg	3500	410	50
Toluene	ND		ug/kg	5200	680	50
Ethylbenzene	4000		ug/kg	3500	440	50
Chloromethane	ND		ug/kg	17000	1000	50
Bromomethane	ND		ug/kg	7000	1200	50
Vinyl chloride	ND		ug/kg	7000	410	50
Chloroethane	ND		ug/kg	7000	1100	50
1,1-Dichloroethene	ND		ug/kg	3500	910	50
trans-1,2-Dichloroethene	ND		ug/kg	5200	740	50
Trichloroethene	ND		ug/kg	3500	440	50
1,2-Dichlorobenzene	ND		ug/kg	17000	530	50
1,3-Dichlorobenzene	ND		ug/kg	17000	470	50
1,4-Dichlorobenzene	ND		ug/kg	17000	480	50

Project Name: PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524771**Project Number:** 2051.0001Y000**Report Date:** 10/06/15**SAMPLE RESULTS**

Lab ID: L1524771-06 D

Date Collected: 10/01/15 08:50

Client ID: PD-06/8-10

Date Received: 10/01/15

Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	7000	290	50
p/m-Xylene	5500	J	ug/kg	7000	690	50
o-Xylene	ND		ug/kg	7000	600	50
Xylenes, Total	5500	J	ug/kg	7000	600	50
cis-1,2-Dichloroethene	ND		ug/kg	3500	500	50
Styrene	ND		ug/kg	7000	1400	50
Dichlorodifluoromethane	ND		ug/kg	35000	670	50
Acetone	6600	J	ug/kg	35000	3600	50
Carbon disulfide	ND		ug/kg	35000	3800	50
2-Butanone	ND		ug/kg	35000	950	50
4-Methyl-2-pentanone	ND		ug/kg	35000	850	50
2-Hexanone	ND		ug/kg	35000	2300	50
Bromochloromethane	ND		ug/kg	17000	960	50
1,2-Dibromoethane	ND		ug/kg	14000	610	50
sec-Butylbenzene	16000		ug/kg	3500	420	50
tert-Butylbenzene	2600	J	ug/kg	17000	470	50
1,2-Dibromo-3-chloropropane	ND		ug/kg	17000	1400	50
Isopropylbenzene	9900		ug/kg	3500	360	50
n-Propylbenzene	22000		ug/kg	3500	380	50
1,2,3-Trichlorobenzene	ND		ug/kg	17000	520	50
1,2,4-Trichlorobenzene	ND		ug/kg	17000	630	50
1,3,5-Trimethylbenzene	35000		ug/kg	17000	500	50
1,4-Dioxane	ND		ug/kg	350000	50000	50
Freon-113	ND		ug/kg	70000	960	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	106		70-130

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

Lab Number: L1524771
Report Date: 10/06/15

SAMPLE RESULTS

Lab ID: L1524771-07
Client ID: PD-02/10-12
Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/05/15 13:20
Analyst: BN
Percent Solids: 79%

Date Collected: 09/30/15 17:30
Date Received: 10/01/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	830	91.	1
1,1-Dichloroethane	ND		ug/kg	120	7.1	1
Chloroform	ND		ug/kg	120	31.	1
Carbon tetrachloride	ND		ug/kg	83	17.	1
1,2-Dichloropropane	ND		ug/kg	290	19.	1
Dibromochloromethane	ND		ug/kg	83	13.	1
1,1,2-Trichloroethane	ND		ug/kg	120	25.	1
Tetrachloroethene	ND		ug/kg	83	12.	1
Chlorobenzene	ND		ug/kg	83	29.	1
Trichlorofluoromethane	ND		ug/kg	410	32.	1
1,2-Dichloroethane	ND		ug/kg	83	9.4	1
1,1,1-Trichloroethane	ND		ug/kg	83	9.2	1
Bromodichloromethane	ND		ug/kg	83	14.	1
trans-1,3-Dichloropropene	ND		ug/kg	83	10.	1
cis-1,3-Dichloropropene	ND		ug/kg	83	9.7	1
Bromoform	ND		ug/kg	330	20.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	83	8.3	1
Benzene	ND		ug/kg	83	9.8	1
Toluene	ND		ug/kg	120	16.	1
Ethylbenzene	ND		ug/kg	83	10.	1
Chloromethane	ND		ug/kg	410	24.	1
Bromomethane	ND		ug/kg	160	28.	1
Vinyl chloride	ND		ug/kg	160	9.7	1
Chloroethane	ND		ug/kg	160	26.	1
1,1-Dichloroethene	ND		ug/kg	83	22.	1
trans-1,2-Dichloroethene	ND		ug/kg	120	18.	1
Trichloroethene	ND		ug/kg	83	10.	1
1,2-Dichlorobenzene	ND		ug/kg	410	13.	1
1,3-Dichlorobenzene	ND		ug/kg	410	11.	1
1,4-Dichlorobenzene	ND		ug/kg	410	11.	1

Project Name: PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524771**Project Number:** 2051.0001Y000**Report Date:** 10/06/15**SAMPLE RESULTS****Lab ID:** L1524771-07**Date Collected:** 09/30/15 17:30**Client ID:** PD-02/10-12**Date Received:** 10/01/15**Sample Location:** 5-49 46TH AVENUE, LONG ISLAND CITY, NY**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	160	7.0	1
p/m-Xylene	ND		ug/kg	160	16.	1
o-Xylene	ND		ug/kg	160	14.	1
Xylenes, Total	ND		ug/kg	160	14.	1
cis-1,2-Dichloroethene	ND		ug/kg	83	12.	1
Styrene	ND		ug/kg	160	33.	1
Dichlorodifluoromethane	ND		ug/kg	830	16.	1
Acetone	210	J	ug/kg	830	86.	1
Carbon disulfide	ND		ug/kg	830	91.	1
2-Butanone	ND		ug/kg	830	22.	1
4-Methyl-2-pentanone	ND		ug/kg	830	20.	1
2-Hexanone	ND		ug/kg	830	55.	1
Bromochloromethane	ND		ug/kg	410	23.	1
1,2-Dibromoethane	ND		ug/kg	330	14.	1
sec-Butylbenzene	980		ug/kg	83	10.	1
tert-Butylbenzene	210	J	ug/kg	410	11.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	410	33.	1
Isopropylbenzene	880		ug/kg	83	8.6	1
n-Propylbenzene	1800		ug/kg	83	9.0	1
1,2,3-Trichlorobenzene	ND		ug/kg	410	12.	1
1,2,4-Trichlorobenzene	ND		ug/kg	410	15.	1
1,3,5-Trimethylbenzene	85	J	ug/kg	410	12.	1
1,4-Dioxane	ND		ug/kg	8300	1200	1
Freon-113	ND		ug/kg	1600	23.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	105		70-130

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

Lab Number: L1524771
Report Date: 10/06/15

SAMPLE RESULTS

Lab ID: L1524771-09
Client ID: PD-04/8-10
Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/04/15 17:55
Analyst: BN
Percent Solids: 23%

Date Collected: 10/01/15 10:35
Date Received: 10/01/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	5100	560	1
1,1-Dichloroethane	ND		ug/kg	770	44.	1
Chloroform	ND		ug/kg	770	190	1
Carbon tetrachloride	ND		ug/kg	510	110	1
1,2-Dichloropropane	ND		ug/kg	1800	120	1
Dibromochloromethane	ND		ug/kg	510	78.	1
1,1,2-Trichloroethane	ND		ug/kg	770	160	1
Tetrachloroethene	ND		ug/kg	510	72.	1
Chlorobenzene	ND		ug/kg	510	180	1
Trichlorofluoromethane	ND		ug/kg	2600	200	1
1,2-Dichloroethane	ND		ug/kg	510	58.	1
1,1,1-Trichloroethane	ND		ug/kg	510	56.	1
Bromodichloromethane	ND		ug/kg	510	88.	1
trans-1,3-Dichloropropene	ND		ug/kg	510	62.	1
cis-1,3-Dichloropropene	ND		ug/kg	510	60.	1
Bromoform	ND		ug/kg	2000	120	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	510	51.	1
Benzene	120	J	ug/kg	510	60.	1
Toluene	140	J	ug/kg	770	99.	1
Ethylbenzene	300	J	ug/kg	510	65.	1
Chloromethane	ND		ug/kg	2600	150	1
Bromomethane	ND		ug/kg	1000	170	1
Vinyl chloride	ND		ug/kg	1000	60.	1
Chloroethane	ND		ug/kg	1000	160	1
1,1-Dichloroethene	ND		ug/kg	510	130	1
trans-1,2-Dichloroethene	ND		ug/kg	770	110	1
Trichloroethene	ND		ug/kg	510	64.	1
1,2-Dichlorobenzene	ND		ug/kg	2600	78.	1
1,3-Dichlorobenzene	ND		ug/kg	2600	69.	1
1,4-Dichlorobenzene	ND		ug/kg	2600	71.	1

Project Name: PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524771**Project Number:** 2051.0001Y000**Report Date:** 10/06/15**SAMPLE RESULTS****Lab ID:** L1524771-09**Date Collected:** 10/01/15 10:35**Client ID:** PD-04/8-10**Date Received:** 10/01/15**Sample Location:** 5-49 46TH AVENUE, LONG ISLAND CITY, NY**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1000	43.	1
p/m-Xylene	1000		ug/kg	1000	100	1
o-Xylene	940	J	ug/kg	1000	88.	1
Xylenes, Total	1900	J	ug/kg	1000	88.	1
cis-1,2-Dichloroethene	ND		ug/kg	510	73.	1
Styrene	ND		ug/kg	1000	200	1
Dichlorodifluoromethane	ND		ug/kg	5100	97.	1
Acetone	2600	J	ug/kg	5100	530	1
Carbon disulfide	ND		ug/kg	5100	560	1
2-Butanone	ND		ug/kg	5100	140	1
4-Methyl-2-pentanone	ND		ug/kg	5100	120	1
2-Hexanone	ND		ug/kg	5100	340	1
Bromochloromethane	ND		ug/kg	2600	140	1
1,2-Dibromoethane	ND		ug/kg	2000	89.	1
sec-Butylbenzene	270	J	ug/kg	510	62.	1
tert-Butylbenzene	200	J	ug/kg	2600	69.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2600	200	1
Isopropylbenzene	1000		ug/kg	510	53.	1
n-Propylbenzene	760		ug/kg	510	56.	1
1,2,3-Trichlorobenzene	ND		ug/kg	2600	75.	1
1,2,4-Trichlorobenzene	ND		ug/kg	2600	93.	1
1,3,5-Trimethylbenzene	920	J	ug/kg	2600	73.	1
1,4-Dioxane	ND		ug/kg	51000	7400	1
Freon-113	ND		ug/kg	10000	140	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	103		70-130

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

Lab Number: L1524771
Report Date: 10/06/15

SAMPLE RESULTS

Lab ID: L1524771-12
Client ID: PD-03B-ID
Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/05/15 10:53
Analyst: BN
Percent Solids: 81%

Date Collected: 10/01/15 14:17
Date Received: 10/01/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	1.5	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.12	1
Chloroform	ND		ug/kg	2.0	0.50	1
Carbon tetrachloride	ND		ug/kg	1.3	0.28	1
1,2-Dichloropropane	ND		ug/kg	4.7	0.31	1
Dibromochloromethane	ND		ug/kg	1.3	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.41	1
Tetrachloroethene	ND		ug/kg	1.3	0.19	1
Chlorobenzene	ND		ug/kg	1.3	0.47	1
Trichlorofluoromethane	ND		ug/kg	6.7	0.52	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	5.4	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.14	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	6.7	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	1.3	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.28	1
Trichloroethene	ND		ug/kg	1.3	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	6.7	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	6.7	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	6.7	0.19	1

Project Name: PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524771**Project Number:** 2051.0001Y000**Report Date:** 10/06/15**SAMPLE RESULTS****Lab ID:** L1524771-12**Date Collected:** 10/01/15 14:17**Client ID:** PD-03B-ID**Date Received:** 10/01/15**Sample Location:** 5-49 46TH AVENUE, LONG ISLAND CITY, NY**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.7	0.11	1
p/m-Xylene	ND		ug/kg	2.7	0.27	1
o-Xylene	ND		ug/kg	2.7	0.23	1
Xylenes, Total	ND		ug/kg	2.7	0.23	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.19	1
Styrene	ND		ug/kg	2.7	0.54	1
Dichlorodifluoromethane	ND		ug/kg	13	0.26	1
Acetone	4.9	J	ug/kg	13	1.4	1
Carbon disulfide	ND		ug/kg	13	1.5	1
2-Butanone	ND		ug/kg	13	0.37	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.33	1
2-Hexanone	ND		ug/kg	13	0.90	1
Bromochloromethane	ND		ug/kg	6.7	0.37	1
1,2-Dibromoethane	ND		ug/kg	5.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.3	0.16	1
tert-Butylbenzene	ND		ug/kg	6.7	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.7	0.53	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
n-Propylbenzene	ND		ug/kg	1.3	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.7	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.7	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.7	0.19	1
1,4-Dioxane	ND		ug/kg	130	19.	1
Freon-113	ND		ug/kg	27	0.37	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	97		70-130

Project Name: PARAGON PAINT AND VARNISH SITE

Lab Number: L1524771

Project Number: 2051.0001Y000

Report Date: 10/06/15

Method Blank Analysis Batch Quality Control

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

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04,09 Batch: WG827775-3					
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: L1524771

Project Number: 2051.0001Y000

Report Date: 10/06/15

Method Blank Analysis Batch Quality Control

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

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04,09 Batch: WG827775-3					
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:** L1524771**Project Number:** 2051.0001Y000**Report Date:** 10/06/15**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 10/04/15 10:04

Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04,09 Batch: WG827775-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	106		70-130

Project Name: PARAGON PAINT AND VARNISH SITE

Lab Number: L1524771

Project Number: 2051.0001Y000

Report Date: 10/06/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/05/15 08:31
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 06-07 Batch: WG827900-3					
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: L1524771

Project Number: 2051.0001Y000

Report Date: 10/06/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/05/15 08:31
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 06-07 Batch: WG827900-3					
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:** L1524771**Project Number:** 2051.0001Y000**Report Date:** 10/06/15**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 10/05/15 08:31

Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 06-07 Batch: WG827900-3					

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg
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Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	105		70-130

Project Name: PARAGON PAINT AND VARNISH SITE

Lab Number: L1524771

Project Number: 2051.0001Y000

Report Date: 10/06/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/05/15 08:41
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 03,12 Batch: WG827924-3					
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	0.52	J	ug/kg	5.0	0.29
Bromomethane	1.4	J	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

Lab Number: L1524771

Project Number: 2051.0001Y000

Report Date: 10/06/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/05/15 08:41
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 03,12 Batch: WG827924-3					
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	2.3	J	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: L1524771

Project Number: 2051.0001Y000

Report Date: 10/06/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/05/15 08:41
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 03,12 Batch: WG827924-3					

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	92		70-130

Project Name: PARAGON PAINT AND VARNISH SITE

Lab Number: L1524771

Project Number: 2051.0001Y000

Report Date: 10/06/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 10/05/15 09:58

Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG828010-3					
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

Lab Number: L1524771

Project Number: 2051.0001Y000

Report Date: 10/06/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/05/15 09:58
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG828010-3					
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: L1524771

Project Number: 2051.0001Y000

Report Date: 10/06/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/05/15 09:58
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG828010-3					

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l
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Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	95		70-130

Project Name: PARAGON PAINT AND VARNISH SITE

Lab Number: L1524771

Project Number: 2051.0001Y000

Report Date: 10/06/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/06/15 08:56
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 05 Batch: WG828321-3					
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: L1524771

Project Number: 2051.0001Y000

Report Date: 10/06/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/06/15 08:56
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 05 Batch: WG828321-3					
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:** L1524771**Project Number:** 2051.0001Y000**Report Date:** 10/06/15**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 10/06/15 08:56

Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 05 Batch: WG828321-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	106		70-130

Lab Control Sample Analysis

Batch Quality Control

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

Lab Number: L1524771
Report Date: 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04,09 Batch: WG827775-1 WG827775-2								
Methylene chloride	88		84		70-130	5		30
1,1-Dichloroethane	103		97		70-130	6		30
Chloroform	96		96		70-130	0		30
Carbon tetrachloride	104		96		70-130	8		30
1,2-Dichloropropane	96		97		70-130	1		30
Dibromochloromethane	98		98		70-130	0		30
2-Chloroethylvinyl ether	93		100		70-130	7		30
1,1,2-Trichloroethane	89		85		70-130	5		30
Tetrachloroethene	83		78		70-130	6		30
Chlorobenzene	89		86		70-130	3		30
Trichlorofluoromethane	106		90		70-139	16		30
1,2-Dichloroethane	112		114		70-130	2		30
1,1,1-Trichloroethane	103		96		70-130	7		30
Bromodichloromethane	97		100		70-130	3		30
trans-1,3-Dichloropropene	94		89		70-130	5		30
cis-1,3-Dichloropropene	91		93		70-130	2		30
1,1-Dichloropropene	91		84		70-130	8		30
Bromoform	84		85		70-130	1		30
1,1,2,2-Tetrachloroethane	91		88		70-130	3		30
Benzene	86		84		70-130	2		30
Toluene	86		81		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PARAGON PAINT AND VARNISH SITE

Project Number: 2051.0001Y000

Lab Number: L1524771

Report Date: 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04,09 Batch: WG827775-1 WG827775-2								
Ethylbenzene	87		82		70-130	6		30
Chloromethane	136	Q	128		52-130	6		30
Bromomethane	70		69		57-147	1		30
Vinyl chloride	68		61	Q	67-130	11		30
Chloroethane	87		86		50-151	1		30
1,1-Dichloroethene	90		89		65-135	1		30
trans-1,2-Dichloroethene	94		86		70-130	9		30
Trichloroethene	93		90		70-130	3		30
1,2-Dichlorobenzene	92		91		70-130	1		30
1,3-Dichlorobenzene	93		91		70-130	2		30
1,4-Dichlorobenzene	93		90		70-130	3		30
Methyl tert butyl ether	95		98		66-130	3		30
p/m-Xylene	85		81		70-130	5		30
o-Xylene	85		81		70-130	5		30
cis-1,2-Dichloroethene	91		88		70-130	3		30
Dibromomethane	93		98		70-130	5		30
Styrene	84		80		70-130	5		30
Dichlorodifluoromethane	112		96		30-146	15		30
Acetone	108		108		54-140	0		30
Carbon disulfide	98		91		59-130	7		30
2-Butanone	107		107		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

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

Lab Number: L1524771
Report Date: 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04,09 Batch: WG827775-1 WG827775-2								
Vinyl acetate	115		114		70-130	1		30
4-Methyl-2-pentanone	99		105		70-130	6		30
1,2,3-Trichloropropane	90		87		68-130	3		30
2-Hexanone	102		98		70-130	4		30
Bromochloromethane	103		101		70-130	2		30
2,2-Dichloropropane	105		97		70-130	8		30
1,2-Dibromoethane	92		93		70-130	1		30
1,3-Dichloropropane	87		85		69-130	2		30
1,1,1,2-Tetrachloroethane	90		91		70-130	1		30
Bromobenzene	92		88		70-130	4		30
n-Butylbenzene	98		91		70-130	7		30
sec-Butylbenzene	97		90		70-130	7		30
tert-Butylbenzene	96		90		70-130	6		30
o-Chlorotoluene	101		95		70-130	6		30
p-Chlorotoluene	101		97		70-130	4		30
1,2-Dibromo-3-chloropropane	84		91		68-130	8		30
Hexachlorobutadiene	76		74		67-130	3		30
Isopropylbenzene	98		92		70-130	6		30
p-Isopropyltoluene	97		91		70-130	6		30
Naphthalene	91		92		70-130	1		30
Acrylonitrile	140	Q	134	Q	70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

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

Lab Number: L1524771
Report Date: 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04,09 Batch: WG827775-1 WG827775-2								
Isopropyl Ether	130		127		66-130	2		30
tert-Butyl Alcohol	82		83		70-130	1		30
n-Propylbenzene	97		90		70-130	7		30
1,2,3-Trichlorobenzene	87		87		70-130	0		30
1,2,4-Trichlorobenzene	88		90		70-130	2		30
1,3,5-Trimethylbenzene	99		95		70-130	4		30
1,2,4-Trimethylbenzene	100		95		70-130	5		30
Methyl Acetate	108		113		51-146	5		30
Ethyl Acetate	110		110		70-130	0		30
Acrolein	120		106		70-130	12		30
Cyclohexane	121		107		59-142	12		30
1,4-Dioxane	77		72		65-136	7		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	96		91		50-139	5		30
p-Diethylbenzene	95		91		70-130	4		30
p-Ethyltoluene	97		91		70-130	6		30
1,2,4,5-Tetramethylbenzene	98		96		70-130	2		30
Tetrahydrofuran	112		107		66-130	5		30
Ethyl ether	95		99		67-130	4		30
trans-1,4-Dichloro-2-butene	156	Q	147	Q	70-130	6		30
Methyl cyclohexane	84		75		70-130	11		30
Ethyl-Tert-Butyl-Ether	111		112		70-130	1		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524771**Project Number:** 2051.0001Y000**Report Date:** 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04,09 Batch: WG827775-1 WG827775-2								
Tertiary-Amyl Methyl Ether	86		86		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	116		117		70-130
Toluene-d8	99		94		70-130
4-Bromofluorobenzene	111		108		70-130
Dibromofluoromethane	106		109		70-130

Lab Control Sample Analysis

Batch Quality Control

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

Lab Number: L1524771
Report Date: 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06-07 Batch: WG827900-1 WG827900-2								
Methylene chloride	93		89		70-130	4		30
1,1-Dichloroethane	108		102		70-130	6		30
Chloroform	103		98		70-130	5		30
Carbon tetrachloride	115		109		70-130	5		30
1,2-Dichloropropane	103		98		70-130	5		30
Dibromochloromethane	104		98		70-130	6		30
2-Chloroethylvinyl ether	97		96		70-130	1		30
1,1,2-Trichloroethane	93		88		70-130	6		30
Tetrachloroethene	94		85		70-130	10		30
Chlorobenzene	95		89		70-130	7		30
Trichlorofluoromethane	114		109		70-139	4		30
1,2-Dichloroethane	117		115		70-130	2		30
1,1,1-Trichloroethane	110		104		70-130	6		30
Bromodichloromethane	102		102		70-130	0		30
trans-1,3-Dichloropropene	97		90		70-130	7		30
cis-1,3-Dichloropropene	95		91		70-130	4		30
1,1-Dichloropropene	99		93		70-130	6		30
Bromoform	88		82		70-130	7		30
1,1,2,2-Tetrachloroethane	92		88		70-130	4		30
Benzene	94		86		70-130	9		30
Toluene	93		86		70-130	8		30

Lab Control Sample Analysis

Batch Quality Control

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

Lab Number: L1524771
Report Date: 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06-07 Batch: WG827900-1 WG827900-2								
Ethylbenzene	93		87		70-130	7		30
Chloromethane	146	Q	137	Q	52-130	6		30
Bromomethane	74		74		57-147	0		30
Vinyl chloride	75		68		67-130	10		30
Chloroethane	97		91		50-151	6		30
1,1-Dichloroethene	107		98		65-135	9		30
trans-1,2-Dichloroethene	100		94		70-130	6		30
Trichloroethene	102		98		70-130	4		30
1,2-Dichlorobenzene	97		95		70-130	2		30
1,3-Dichlorobenzene	98		94		70-130	4		30
1,4-Dichlorobenzene	97		94		70-130	3		30
Methyl tert butyl ether	100		98		66-130	2		30
p/m-Xylene	92		86		70-130	7		30
o-Xylene	91		86		70-130	6		30
cis-1,2-Dichloroethene	98		94		70-130	4		30
Dibromomethane	102		99		70-130	3		30
Styrene	91		86		70-130	6		30
Dichlorodifluoromethane	121		112		30-146	8		30
Acetone	118		111		54-140	6		30
Carbon disulfide	106		98		59-130	8		30
2-Butanone	103		110		70-130	7		30

Lab Control Sample Analysis

Batch Quality Control

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

Lab Number: L1524771
Report Date: 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06-07 Batch: WG827900-1 WG827900-2								
Vinyl acetate	110		97		70-130	13		30
4-Methyl-2-pentanone	107		103		70-130	4		30
1,2,3-Trichloropropane	92		87		68-130	6		30
2-Hexanone	109		103		70-130	6		30
Bromochloromethane	106		101		70-130	5		30
2,2-Dichloropropane	108		101		70-130	7		30
1,2-Dibromoethane	99		94		70-130	5		30
1,3-Dichloropropane	92		88		69-130	4		30
1,1,1,2-Tetrachloroethane	99		92		70-130	7		30
Bromobenzene	93		92		70-130	1		30
n-Butylbenzene	103		98		70-130	5		30
sec-Butylbenzene	104		99		70-130	5		30
tert-Butylbenzene	104		96		70-130	8		30
o-Chlorotoluene	103		95		70-130	8		30
p-Chlorotoluene	105		99		70-130	6		30
1,2-Dibromo-3-chloropropane	93		88		68-130	6		30
Hexachlorobutadiene	85		80		67-130	6		30
Isopropylbenzene	103		96		70-130	7		30
p-Isopropyltoluene	103		98		70-130	5		30
Naphthalene	96		96		70-130	0		30
Acrylonitrile	149	Q	143	Q	70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PARAGON PAINT AND VARNISH SITE

Project Number: 2051.0001Y000

Lab Number: L1524771

Report Date: 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06-07 Batch: WG827900-1 WG827900-2								
Isopropyl Ether	135	Q	129		66-130	5		30
tert-Butyl Alcohol	85		86		70-130	1		30
n-Propylbenzene	102		96		70-130	6		30
1,2,3-Trichlorobenzene	92		90		70-130	2		30
1,2,4-Trichlorobenzene	92		91		70-130	1		30
1,3,5-Trimethylbenzene	103		96		70-130	7		30
1,2,4-Trimethylbenzene	102		98		70-130	4		30
Methyl Acetate	120		118		51-146	2		30
Ethyl Acetate	102		115		70-130	12		30
Acrolein	113		108		70-130	5		30
Cyclohexane	135		127		59-142	6		30
1,4-Dioxane	88		90		65-136	2		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	111		104		50-139	7		30
p-Diethylbenzene	101		97		70-130	4		30
p-Ethyltoluene	100		95		70-130	5		30
1,2,4,5-Tetramethylbenzene	101		99		70-130	2		30
Tetrahydrofuran	122		119		66-130	2		30
Ethyl ether	104		98		67-130	6		30
trans-1,4-Dichloro-2-butene	156	Q	153	Q	70-130	2		30
Methyl cyclohexane	96		91		70-130	5		30
Ethyl-Tert-Butyl-Ether	114		111		70-130	3		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524771**Project Number:** 2051.0001Y000**Report Date:** 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06-07 Batch: WG827900-1 WG827900-2								
Tertiary-Amyl Methyl Ether	90		86		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	113		112		70-130
Toluene-d8	98		96		70-130
4-Bromofluorobenzene	107		108		70-130
Dibromofluoromethane	108		107		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: PARAGON PAINT AND VARNISH SITE

Project Number: 2051.0001Y000

Lab Number: L1524771

Report Date: 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03,12 Batch: WG827924-1 WG827924-2								
Methylene chloride	89		89		70-130	0		30
1,1-Dichloroethane	88		92		70-130	4		30
Chloroform	90		91		70-130	1		30
Carbon tetrachloride	94		99		70-130	5		30
1,2-Dichloropropane	85		90		70-130	6		30
Dibromochloromethane	89		94		70-130	5		30
2-Chloroethylvinyl ether	81		84		70-130	4		30
1,1,2-Trichloroethane	92		96		70-130	4		30
Tetrachloroethene	111		111		70-130	0		30
Chlorobenzene	98		102		70-130	4		30
Trichlorofluoromethane	108		106		70-139	2		30
1,2-Dichloroethane	83		84		70-130	1		30
1,1,1-Trichloroethane	95		96		70-130	1		30
Bromodichloromethane	84		87		70-130	4		30
trans-1,3-Dichloropropene	90		96		70-130	6		30
cis-1,3-Dichloropropene	86		88		70-130	2		30
1,1-Dichloropropene	98		100		70-130	2		30
Bromoform	85		91		70-130	7		30
1,1,2,2-Tetrachloroethane	92		95		70-130	3		30
Benzene	93		95		70-130	2		30
Toluene	100		102		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PARAGON PAINT AND VARNISH SITE

Project Number: 2051.0001Y000

Lab Number: L1524771

Report Date: 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03,12 Batch: WG827924-1 WG827924-2								
Ethylbenzene	100		104		70-130	4		30
Chloromethane	91		97		52-130	6		30
Bromomethane	96		89		57-147	8		30
Vinyl chloride	94		95		67-130	1		30
Chloroethane	103		106		50-151	3		30
1,1-Dichloroethene	96		98		65-135	2		30
trans-1,2-Dichloroethene	94		99		70-130	5		30
Trichloroethene	96		99		70-130	3		30
1,2-Dichlorobenzene	101		103		70-130	2		30
1,3-Dichlorobenzene	103		106		70-130	3		30
1,4-Dichlorobenzene	104		106		70-130	2		30
Methyl tert butyl ether	82		85		66-130	4		30
p/m-Xylene	103		105		70-130	2		30
o-Xylene	102		104		70-130	2		30
cis-1,2-Dichloroethene	95		94		70-130	1		30
Dibromomethane	86		88		70-130	2		30
Styrene	100		104		70-130	4		30
Dichlorodifluoromethane	110		109		30-146	1		30
Acetone	80		87		54-140	8		30
Carbon disulfide	91		93		59-130	2		30
2-Butanone	80		86		70-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PARAGON PAINT AND VARNISH SITE

Project Number: 2051.0001Y000

Lab Number: L1524771

Report Date: 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03,12 Batch: WG827924-1 WG827924-2								
Vinyl acetate	76		79		70-130	4		30
4-Methyl-2-pentanone	81		86		70-130	6		30
1,2,3-Trichloropropane	96		94		68-130	2		30
2-Hexanone	81		91		70-130	12		30
Bromochloromethane	93		93		70-130	0		30
2,2-Dichloropropane	96		97		70-130	1		30
1,2-Dibromoethane	92		96		70-130	4		30
1,3-Dichloropropane	91		96		69-130	5		30
1,1,1,2-Tetrachloroethane	93		98		70-130	5		30
Bromobenzene	102		102		70-130	0		30
n-Butylbenzene	112		111		70-130	1		30
sec-Butylbenzene	110		111		70-130	1		30
tert-Butylbenzene	108		108		70-130	0		30
o-Chlorotoluene	101		103		70-130	2		30
p-Chlorotoluene	103		104		70-130	1		30
1,2-Dibromo-3-chloropropane	84		93		68-130	10		30
Hexachlorobutadiene	114		115		67-130	1		30
Isopropylbenzene	107		106		70-130	1		30
p-Isopropyltoluene	111		110		70-130	1		30
Naphthalene	97		101		70-130	4		30
Acrylonitrile	82		87		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PARAGON PAINT AND VARNISH SITE

Project Number: 2051.0001Y000

Lab Number: L1524771

Report Date: 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03,12 Batch: WG827924-1 WG827924-2								
Isopropyl Ether	82		85		66-130	4		30
tert-Butyl Alcohol	80		87		70-130	8		30
n-Propylbenzene	106		106		70-130	0		30
1,2,3-Trichlorobenzene	102		106		70-130	4		30
1,2,4-Trichlorobenzene	105		109		70-130	4		30
1,3,5-Trimethylbenzene	106		106		70-130	0		30
1,2,4-Trimethylbenzene	105		107		70-130	2		30
Methyl Acetate	78		88		51-146	12		30
Ethyl Acetate	78		85		70-130	9		30
Acrolein	80		82		70-130	2		30
Cyclohexane	99		101		59-142	2		30
1,4-Dioxane	92		101		65-136	9		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	106		105		50-139	1		30
p-Diethylbenzene	111		110		70-130	1		30
p-Ethyltoluene	107		107		70-130	0		30
1,2,4,5-Tetramethylbenzene	104		105		70-130	1		30
Tetrahydrofuran	80		84		66-130	5		30
Ethyl ether	85		85		67-130	0		30
trans-1,4-Dichloro-2-butene	84		89		70-130	6		30
Methyl cyclohexane	102		103		70-130	1		30
Ethyl-Tert-Butyl-Ether	82		86		70-130	5		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524771**Project Number:** 2051.0001Y000**Report Date:** 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03,12 Batch: WG827924-1 WG827924-2								
Tertiary-Amyl Methyl Ether	83		86		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		94		70-130
Toluene-d8	105		106		70-130
4-Bromofluorobenzene	99		98		70-130
Dibromofluoromethane	98		98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: PARAGON PAINT AND VARNISH SITE

Project Number: 2051.0001Y000

Lab Number: L1524771

Report Date: 10/06/15

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: WG828010-1 WG828010-2								
Methylene chloride	94		98		70-130	4		20
1,1-Dichloroethane	94		99		70-130	5		20
Chloroform	91		95		70-130	4		20
2-Chloroethylvinyl ether	71		74		70-130	4		20
Carbon tetrachloride	81		88		63-132	8		20
1,2-Dichloropropane	96		101		70-130	5		20
Dibromochloromethane	90		95		63-130	5		20
1,1,2-Trichloroethane	101		104		70-130	3		20
Tetrachloroethene	88		92		70-130	4		20
Chlorobenzene	94		98		75-130	4		20
Trichlorofluoromethane	83		90		62-150	8		20
1,2-Dichloroethane	92		96		70-130	4		20
1,1,1-Trichloroethane	87		92		67-130	6		20
Bromodichloromethane	90		94		67-130	4		20
trans-1,3-Dichloropropene	82		85		70-130	4		20
cis-1,3-Dichloropropene	81		85		70-130	5		20
1,1-Dichloropropene	92		98		70-130	6		20
Bromoform	81		85		54-136	5		20
1,1,2,2-Tetrachloroethane	103		107		67-130	4		20
Benzene	92		98		70-130	6		20
Toluene	93		99		70-130	6		20

Lab Control Sample Analysis **Batch Quality Control**

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

Lab Number: L1524771
Report Date: 10/06/15

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: WG828010-1 WG828010-2								
Ethylbenzene	92		97		70-130	5		20
Chloromethane	91		83		64-130	9		20
Bromomethane	68		74		39-139	8		20
Vinyl chloride	88		91		55-140	3		20
Chloroethane	89		91		55-138	2		20
1,1-Dichloroethene	89		95		61-145	7		20
trans-1,2-Dichloroethene	89		96		70-130	8		20
Trichloroethene	87		92		70-130	6		20
1,2-Dichlorobenzene	97		102		70-130	5		20
1,3-Dichlorobenzene	96		102		70-130	6		20
1,4-Dichlorobenzene	95		99		70-130	4		20
Methyl tert butyl ether	94		99		63-130	5		20
p/m-Xylene	95		100		70-130	5		20
o-Xylene	92		97		70-130	5		20
cis-1,2-Dichloroethene	91		97		70-130	6		20
Dibromomethane	93		97		70-130	4		20
1,2,3-Trichloropropane	102		104		64-130	2		20
Acrylonitrile	106		109		70-130	3		20
Isopropyl Ether	101		107		70-130	6		20
tert-Butyl Alcohol	94		107		70-130	13		20
Styrene	92		97		70-130	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: PARAGON PAINT AND VARNISH SITE

Project Number: 2051.0001Y000

Lab Number: L1524771

Report Date: 10/06/15

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: WG828010-1 WG828010-2								
Dichlorodifluoromethane	88		97		36-147	10		20
Acetone	145		137		58-148	6		20
Carbon disulfide	94		98		51-130	4		20
2-Butanone	125		123		63-138	2		20
Vinyl acetate	105		108		70-130	3		20
4-Methyl-2-pentanone	79		84		59-130	6		20
2-Hexanone	96		96		57-130	0		20
Acrolein	112		118		40-160	5		20
Bromochloromethane	92		97		70-130	5		20
2,2-Dichloropropane	90		95		63-133	5		20
1,2-Dibromoethane	99		102		70-130	3		20
1,3-Dichloropropane	102		106		70-130	4		20
1,1,1,2-Tetrachloroethane	91		96		64-130	5		20
Bromobenzene	97		101		70-130	4		20
n-Butylbenzene	96		102		53-136	6		20
sec-Butylbenzene	93		100		70-130	7		20
tert-Butylbenzene	95		102		70-130	7		20
o-Chlorotoluene	99		105		70-130	6		20
p-Chlorotoluene	100		105		70-130	5		20
1,2-Dibromo-3-chloropropane	97		101		41-144	4		20
Hexachlorobutadiene	99		99		63-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: PARAGON PAINT AND VARNISH SITE

Project Number: 2051.0001Y000

Lab Number: L1524771

Report Date: 10/06/15

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: WG828010-1 WG828010-2								
Isopropylbenzene	96		103		70-130	7		20
p-Isopropyltoluene	88		94		70-130	7		20
Naphthalene	77		82		70-130	6		20
n-Propylbenzene	96		102		69-130	6		20
1,2,3-Trichlorobenzene	91		96		70-130	5		20
1,2,4-Trichlorobenzene	94		98		70-130	4		20
1,3,5-Trimethylbenzene	99		105		64-130	6		20
1,2,4-Trimethylbenzene	94		100		70-130	6		20
Methyl Acetate	104		106		70-130	2		20
Ethyl Acetate	104		108		70-130	4		20
Cyclohexane	85		97		70-130	13		20
Ethyl-Tert-Butyl-Ether	90		96		70-130	6		20
Tertiary-Amyl Methyl Ether	86		92		66-130	7		20
1,4-Dioxane	94		108		56-162	14		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	87		96		70-130	10		20
p-Diethylbenzene	90		96		70-130	6		20
p-Ethyltoluene	98		105		70-130	7		20
1,2,4,5-Tetramethylbenzene	86		91		70-130	6		20
Ethyl ether	90		94		59-134	4		20
trans-1,4-Dichloro-2-butene	43	Q	46	Q	70-130	7		20
Iodomethane	116		126		70-130	8		20

Lab Control Sample Analysis**Batch Quality Control****Project Name:** PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524771**Project Number:** 2051.0001Y000**Report Date:** 10/06/15

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: WG828010-1 WG828010-2								
Methyl cyclohexane	63	Q	73		70-130	15		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		96		70-130
Toluene-d8	105		105		70-130
4-Bromofluorobenzene	106		106		70-130
Dibromofluoromethane	98		98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: PARAGON PAINT AND VARNISH SITE

Project Number: 2051.0001Y000

Lab Number: L1524771

Report Date: 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05 Batch: WG828321-1 WG828321-2								
Methylene chloride	94		87		70-130	8		30
1,1-Dichloroethane	107		99		70-130	8		30
Chloroform	101		95		70-130	6		30
Carbon tetrachloride	108		90		70-130	18		30
1,2-Dichloropropane	102		98		70-130	4		30
Dibromochloromethane	103		103		70-130	0		30
2-Chloroethylvinyl ether	100		99		70-130	1		30
1,1,2-Trichloroethane	89		92		70-130	3		30
Tetrachloroethene	90		79		70-130	13		30
Chlorobenzene	94		90		70-130	4		30
Trichlorofluoromethane	106		85		70-139	22		30
1,2-Dichloroethane	116		112		70-130	4		30
1,1,1-Trichloroethane	104		91		70-130	13		30
Bromodichloromethane	101		101		70-130	0		30
trans-1,3-Dichloropropene	97		92		70-130	5		30
cis-1,3-Dichloropropene	97		92		70-130	5		30
1,1-Dichloropropene	93		82		70-130	13		30
Bromoform	88		88		70-130	0		30
1,1,2,2-Tetrachloroethane	95		94		70-130	1		30
Benzene	91		83		70-130	9		30
Toluene	89		83		70-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PARAGON PAINT AND VARNISH SITE

Project Number: 2051.0001Y000

Lab Number: L1524771

Report Date: 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05 Batch: WG828321-1 WG828321-2								
Ethylbenzene	91		84		70-130	8		30
Chloromethane	142	Q	122		52-130	15		30
Bromomethane	76		68		57-147	11		30
Vinyl chloride	72		60	Q	67-130	18		30
Chloroethane	96		83		50-151	15		30
1,1-Dichloroethene	99		83		65-135	18		30
trans-1,2-Dichloroethene	98		87		70-130	12		30
Trichloroethene	96		87		70-130	10		30
1,2-Dichlorobenzene	100		95		70-130	5		30
1,3-Dichlorobenzene	100		96		70-130	4		30
1,4-Dichlorobenzene	100		94		70-130	6		30
Methyl tert butyl ether	101		98		66-130	3		30
p/m-Xylene	90		83		70-130	8		30
o-Xylene	90		85		70-130	6		30
cis-1,2-Dichloroethene	97		90		70-130	7		30
Dibromomethane	105		101		70-130	4		30
Styrene	90		86		70-130	5		30
Dichlorodifluoromethane	112		89		30-146	23		30
Acetone	113		112		54-140	1		30
Carbon disulfide	104		91		59-130	13		30
2-Butanone	109		101		70-130	8		30

Lab Control Sample Analysis

Batch Quality Control

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

Lab Number: L1524771
Report Date: 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05 Batch: WG828321-1 WG828321-2								
Vinyl acetate	122		119		70-130	2		30
4-Methyl-2-pentanone	102		101		70-130	1		30
1,2,3-Trichloropropane	93		93		68-130	0		30
2-Hexanone	105		105		70-130	0		30
Bromochloromethane	106		103		70-130	3		30
2,2-Dichloropropane	104		90		70-130	14		30
1,2-Dibromoethane	95		95		70-130	0		30
1,3-Dichloropropane	90		91		69-130	1		30
1,1,1,2-Tetrachloroethane	97		93		70-130	4		30
Bromobenzene	97		94		70-130	3		30
n-Butylbenzene	103		93		70-130	10		30
sec-Butylbenzene	102		91		70-130	11		30
tert-Butylbenzene	101		91		70-130	10		30
o-Chlorotoluene	102		95		70-130	7		30
p-Chlorotoluene	105		99		70-130	6		30
1,2-Dibromo-3-chloropropane	94		91		68-130	3		30
Hexachlorobutadiene	84		75		67-130	11		30
Isopropylbenzene	103		93		70-130	10		30
p-Isopropyltoluene	103		93		70-130	10		30
Naphthalene	97		96		70-130	1		30
Acrylonitrile	146	Q	142	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: L1524771

Report Date: 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05 Batch: WG828321-1 WG828321-2								
Isopropyl Ether	135	Q	132	Q	66-130	2		30
tert-Butyl Alcohol	77		82		70-130	6		30
n-Propylbenzene	101		91		70-130	10		30
1,2,3-Trichlorobenzene	93		90		70-130	3		30
1,2,4-Trichlorobenzene	95		94		70-130	1		30
1,3,5-Trimethylbenzene	103		94		70-130	9		30
1,2,4-Trimethylbenzene	105		97		70-130	8		30
Methyl Acetate	115		115		51-146	0		30
Ethyl Acetate	116		115		70-130	1		30
Acrolein	110		117		70-130	6		30
Cyclohexane	128		105		59-142	20		30
1,4-Dioxane	81		84		65-136	4		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	106		86		50-139	21		30
p-Diethylbenzene	102		92		70-130	10		30
p-Ethyltoluene	100		92		70-130	8		30
1,2,4,5-Tetramethylbenzene	103		98		70-130	5		30
Tetrahydrofuran	116		131	Q	66-130	12		30
Ethyl ether	106		103		67-130	3		30
trans-1,4-Dichloro-2-butene	158	Q	156	Q	70-130	1		30
Methyl cyclohexane	93		75		70-130	21		30
Ethyl-Tert-Butyl-Ether	115		112		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PARAGON PAINT AND VARNISH SITE

Lab Number: L1524771

Project Number: 2051.0001Y000

Report Date: 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05 Batch: WG828321-1 WG828321-2								
Tertiary-Amyl Methyl Ether	89		89		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	109		111		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	107		107		70-130
Dibromofluoromethane	106		106		70-130

Matrix Spike Analysis

Batch Quality Control

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

Lab Number: L1524771
Report Date: 10/06/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04,09 QC Batch ID: WG827775-4 WG827775-5 QC Sample: L1524771-09 Client ID: PD-04/8-10												
Methylene chloride	ND	10200	9900	97		9900	97		70-130	0		30
1,1-Dichloroethane	ND	10200	11000	110		11000	110		70-130	0		30
Chloroform	ND	10200	11000	103		10000	102		70-130	1		30
Carbon tetrachloride	ND	10200	11000	106		11000	103		70-130	3		30
1,2-Dichloropropane	ND	10200	11000	106		11000	106		70-130	0		30
Dibromochloromethane	ND	10200	9800	96		9900	97		70-130	1		30
2-Chloroethylvinyl ether	ND	10200	10000	101		10000	100		70-130	1		30
1,1,2-Trichloroethane	ND	10200	9800	96		9800	96		70-130	0		30
Tetrachloroethene	ND	10200	9600	94		9600	94		70-130	0		30
Chlorobenzene	ND	10200	9900	97		9900	97		70-130	0		30
Trichlorofluoromethane	ND	10200	9700	95		9700	95		70-139	0		30
1,2-Dichloroethane	ND	10200	12000	118		12000	116		70-130	2		30
1,1,1-Trichloroethane	ND	10200	11000	108		11000	107		70-130	1		30
Bromodichloromethane	ND	10200	10000	99		10000	99		70-130	0		30
trans-1,3-Dichloropropene	ND	10200	8700	85		8900	87		70-130	3		30
cis-1,3-Dichloropropene	ND	10200	9200	90		9100	89		70-130	1		30
1,1-Dichloropropene	ND	10200	10000	99		10000	100		70-130	1		30
Bromoform	ND	10200	8000	79		7900	78		70-130	1		30
1,1,2,2-Tetrachloroethane	ND	10200	9600	94		9500	94		70-130	1		30
Benzene	120J	10200	9800	96		9800	96		70-130	1		30
Toluene	140J	10200	9700	95		9600	94		70-130	1		30

Matrix Spike Analysis

Batch Quality Control

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

Lab Number: L1524771
Report Date: 10/06/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04,09 QC Batch ID: WG827775-4 WG827775-5 QC Sample: L1524771-09 Client ID: PD-04/8-10												
Ethylbenzene	300J	10200	10000	98		9900	97		70-130	1		30
Chloromethane	ND	10200	15000	150	Q	15000	147	Q	52-130	2		30
Bromomethane	ND	10200	7200	70		6800	67		57-147	5		30
Vinyl chloride	ND	10200	8000	78		8000	78		67-130	0		30
Chloroethane	ND	10200	3500	34	Q	3500	34	Q	50-151	1		30
1,1-Dichloroethene	ND	10200	11000	106		11000	103		65-135	3		30
trans-1,2-Dichloroethene	ND	10200	10000	99		10000	99		70-130	0		30
Trichloroethene	ND	10200	10000	101		10000	102		70-130	1		30
1,2-Dichlorobenzene	ND	10200	10000	101		10000	100		70-130	1		30
1,3-Dichlorobenzene	ND	10200	9900	97		10000	98		70-130	1		30
1,4-Dichlorobenzene	ND	10200	9900	97		9800	96		70-130	0		30
Methyl tert butyl ether	ND	10200	10000	101		10000	101		66-130	0		30
p/m-Xylene	1000	20400	20000	97		20000	98		70-130	2		30
o-Xylene	940J	20400	20000	98		20000	98		70-130	0		30
cis-1,2-Dichloroethene	ND	10200	10000	102		10000	100		70-130	2		30
Dibromomethane	ND	10200	10000	102		10000	102		70-130	0		30
Styrene	ND	20400	18000	89		18000	88		70-130	1		30
Dichlorodifluoromethane	ND	10200	13000	124		12000	120		30-146	3		30
Acetone	2600J	10200	13000	131		13000	131		54-140	0		30
Carbon disulfide	ND	10200	10000	100		10000	98		59-130	2		30
2-Butanone	ND	10200	11000	112		12000	116		70-130	3		30

Matrix Spike Analysis

Batch Quality Control

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

Lab Number: L1524771
Report Date: 10/06/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04,09 QC Batch ID: WG827775-4 WG827775-5 QC Sample: L1524771-09 Client ID: PD-04/8-10												
Vinyl acetate	ND	10200	11000	107		11000	104		70-130	3		30
4-Methyl-2-pentanone	ND	10200	11000	108		12000	113		70-130	4		30
1,2,3-Trichloropropane	ND	10200	9400	92		9700	95		68-130	2		30
2-Hexanone	ND	10200	11000	103		11000	104		70-130	1		30
Bromochloromethane	ND	10200	11000	111		11000	108		70-130	3		30
2,2-Dichloropropane	ND	10200	9400	92		9600	94		70-130	2		30
1,2-Dibromoethane	ND	10200	9700	95		10000	99		70-130	4		30
1,3-Dichloropropane	ND	10200	9700	95		9500	93		69-130	2		30
1,1,1,2-Tetrachloroethane	ND	10200	9700	95		9500	93		70-130	2		30
Bromobenzene	ND	10200	10000	98		9900	97		70-130	1		30
n-Butylbenzene	ND	10200	10000	102		10000	102		70-130	0		30
sec-Butylbenzene	270J	10200	11000	108		11000	108		70-130	0		30
tert-Butylbenzene	200J	10200	11000	108		11000	107		70-130	1		30
o-Chlorotoluene	ND	10200	10000	101		11000	103		70-130	2		30
p-Chlorotoluene	ND	10200	10000	102		11000	103		70-130	1		30
1,2-Dibromo-3-chloropropane	ND	10200	8800	86		9000	88		68-130	2		30
Hexachlorobutadiene	ND	10200	8500	83		8700	85		67-130	3		30
Isopropylbenzene	1000	10200	12000	106		12000	105		70-130	1		30
p-Isopropyltoluene	96.J	10200	11000	105		11000	106		70-130	1		30
Naphthalene	730J	10200	11000	106		11000	106		70-130	0		30
Acrylonitrile	ND	10200	14000	140	Q	14000	140	Q	70-130	0		30

Matrix Spike Analysis

Batch Quality Control

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

Lab Number: L1524771
Report Date: 10/06/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04,09 QC Batch ID: WG827775-4 WG827775-5 QC Sample: L1524771-09 Client ID: PD-04/8-10												
Isopropyl Ether	ND	10200	14000	133	Q	14000	134	Q	66-130	1		30
tert-Butyl Alcohol	ND	51100	41000	80		42000	82		70-130	3		30
n-Propylbenzene	760	10200	11000	100		11000	100		70-130	0		30
1,2,3-Trichlorobenzene	ND	10200	9100	89		9500	93		70-130	4		30
1,2,4-Trichlorobenzene	ND	10200	9000	88		9400	92		70-130	4		30
1,3,5-Trimethylbenzene	920J	10200	12000	113		12000	113		70-130	0		30
1,2,4-Trimethylbenzene	4100	10200	15000	104		15000	106		70-130	1		30
Methyl Acetate	ND	10200	14000	134		14000	133		51-146	1		30
Ethyl Acetate	ND	10200	12000	116		12000	119		70-130	3		30
Acrolein	ND	10200	9700J	95		8800J	86		70-130	10		30
Cyclohexane	340J	10200	15000	145	Q	14000	140		59-142	3		30
1,4-Dioxane	ND	511000	490000	95		490000	95		65-136	0		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10200	12000	117		12000	113		50-139	3		30
p-Diethylbenzene	350J	10200	11000	104		11000	106		70-130	2		30
p-Ethyltoluene	640J	10200	11000	106		11000	107		70-130	1		30
1,2,4,5-Tetramethylbenzene	410J	10200	11000	107		11000	108		70-130	1		30
Tetrahydrofuran	ND	10200	12000	119		12000	122		66-130	2		30
Ethyl ether	ND	10200	11000	107		11000	110		67-130	3		30
trans-1,4-Dichloro-2-butene	ND	10200	13000	130		13000	130		70-130	0		30
Methyl cyclohexane	1300J	10200	12000	114		12000	116		70-130	2		30
Ethyl-Tert-Butyl-Ether	ND	10200	12000	117		12000	117		70-130	0		30

Matrix Spike Analysis Batch Quality Control

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

Lab Number: L1524771
Report Date: 10/06/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04,09 QC Batch ID: WG827775-4 WG827775-5 QC Sample: L1524771-09 Client ID: PD-04/8-10												
Tertiary-Amyl Methyl Ether	ND	10200	9300	91		9300	91		70-130	0		30

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
1,2-Dichloroethane-d4	107		107		70-130
4-Bromofluorobenzene	107		107		70-130
Dibromofluoromethane	105		106		70-130
Toluene-d8	97		98		70-130

SEMIVOLATILES

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

Lab Number: L1524771
Report Date: 10/06/15

SAMPLE RESULTS

Lab ID: L1524771-01
Client ID: FB100115
Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 10/02/15 21:03
Analyst: MY

Date Collected: 10/01/15 17:10
Date Received: 10/01/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 10/02/15 05:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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: L1524771

Project Number: 2051.0001Y000

Report Date: 10/06/15

SAMPLE RESULTS

Lab ID: L1524771-01

Date Collected: 10/01/15 17:10

Client ID: FB100115

Date Received: 10/01/15

Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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**Lab Number:** L1524771**Project Number:** 2051.0001Y000**Report Date:** 10/06/15**SAMPLE RESULTS****Lab ID:** L1524771-01**Date Collected:** 10/01/15 17:10**Client ID:** FB100115**Date Received:** 10/01/15**Sample Location:** 5-49 46TH 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	37		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	106		10-120
4-Terphenyl-d14	110		41-149

Project Name: PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524771**Project Number:** 2051.0001Y000**Report Date:** 10/06/15**SAMPLE RESULTS**

Lab ID: L1524771-12
Client ID: PD-03B-ID
Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/05/15 22:46
Analyst: PS
Percent Solids: 81%

Date Collected: 10/01/15 14:17
Date Received: 10/01/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/02/15 04:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	42.	1
Hexachlorobenzene	ND		ug/kg	120	38.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	57.	1
2-Chloronaphthalene	ND		ug/kg	200	67.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	44.	1
2,6-Dinitrotoluene	ND		ug/kg	200	52.	1
Fluoranthene	62	J	ug/kg	120	38.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	62.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	47.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	72.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	62.	1
Hexachlorobutadiene	ND		ug/kg	200	58.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	130	1
Hexachloroethane	ND		ug/kg	160	37.	1
Isophorone	ND		ug/kg	180	54.	1
Naphthalene	ND		ug/kg	200	68.	1
Nitrobenzene	ND		ug/kg	180	49.	1
NDPA/DPA	60	J	ug/kg	160	43.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	61.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	54.	1
Butyl benzyl phthalate	ND		ug/kg	200	40.	1
Di-n-butylphthalate	ND		ug/kg	200	40.	1
Di-n-octylphthalate	ND		ug/kg	200	50.	1
Diethyl phthalate	ND		ug/kg	200	43.	1
Dimethyl phthalate	ND		ug/kg	200	52.	1
Benzo(a)anthracene	ND		ug/kg	120	40.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	41.	1
Benzo(k)fluoranthene	ND		ug/kg	120	39.	1

Project Name: PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524771**Project Number:** 2051.0001Y000**Report Date:** 10/06/15**SAMPLE RESULTS****Lab ID:** L1524771-12**Date Collected:** 10/01/15 14:17**Client ID:** PD-03B-ID**Date Received:** 10/01/15**Sample Location:** 5-49 46TH AVENUE, LONG ISLAND CITY, NY**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	ND		ug/kg	120	40.	1
Acenaphthylene	ND		ug/kg	160	38.	1
Anthracene	ND		ug/kg	120	34.	1
Benzo(ghi)perylene	ND		ug/kg	160	43.	1
Fluorene	ND		ug/kg	200	59.	1
Phenanthrene	ND		ug/kg	120	40.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	40.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	46.	1
Pyrene	61	J	ug/kg	120	40.	1
Biphenyl	ND		ug/kg	470	68.	1
4-Chloroaniline	ND		ug/kg	200	54.	1
2-Nitroaniline	ND		ug/kg	200	58.	1
3-Nitroaniline	ND		ug/kg	200	56.	1
4-Nitroaniline	ND		ug/kg	200	55.	1
Dibenzofuran	ND		ug/kg	200	68.	1
2-Methylnaphthalene	ND		ug/kg	250	65.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	64.	1
Acetophenone	ND		ug/kg	200	64.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	59.	1
2-Chlorophenol	ND		ug/kg	200	62.	1
2,4-Dichlorophenol	ND		ug/kg	180	66.	1
2,4-Dimethylphenol	ND		ug/kg	200	61.	1
2-Nitrophenol	ND		ug/kg	440	64.	1
4-Nitrophenol	ND		ug/kg	290	66.	1
2,4-Dinitrophenol	ND		ug/kg	980	280	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	75.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	61.	1
2-Methylphenol	ND		ug/kg	200	66.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	67.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	66.	1
Benzoic Acid	ND		ug/kg	660	210	1
Benzyl Alcohol	ND		ug/kg	200	63.	1
Carbazole	ND		ug/kg	200	44.	1

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

Lab Number: L1524771
Report Date: 10/06/15

SAMPLE RESULTS

Lab ID: L1524771-12
Client ID: PD-03B-ID
Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY

Date Collected: 10/01/15 14:17
Date Received: 10/01/15
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	76		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	85		18-120

Project Name: PARAGON PAINT AND VARNISH SITE

Lab Number: L1524771

Project Number: 2051.0001Y000

Report Date: 10/06/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 10/02/15 10:33
 Analyst: PS

Extraction Method: EPA 3546
 Extraction Date: 10/02/15 04:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG827134-1					
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

Lab Number: L1524771

Project Number: 2051.0001Y000

Report Date: 10/06/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 10/02/15 10:33
 Analyst: PS

Extraction Method: EPA 3546
 Extraction Date: 10/02/15 04:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG827134-1					
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: L1524771

Project Number: 2051.0001Y000

Report Date: 10/06/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 10/02/15 10:33
 Analyst: PS

Extraction Method: EPA 3546
 Extraction Date: 10/02/15 04:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG827134-1					
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	78		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	93		18-120

Project Name: PARAGON PAINT AND VARNISH SITE

Lab Number: L1524771

Project Number: 2051.0001Y000

Report Date: 10/06/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 10/02/15 18:31
 Analyst: MY

Extraction Method: EPA 3510C
 Extraction Date: 10/02/15 05:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG827149-1					
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

Lab Number: L1524771

Project Number: 2051.0001Y000

Report Date: 10/06/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 10/02/15 18:31
 Analyst: MY

Extraction Method: EPA 3510C
 Extraction Date: 10/02/15 05:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG827149-1					
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: L1524771

Project Number: 2051.0001Y000

Report Date: 10/06/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 10/02/15 18:31
 Analyst: MY

Extraction Method: EPA 3510C
 Extraction Date: 10/02/15 05:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG827149-1					
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

Tentatively Identified Compounds

Unknown	7.6	J	ug/l
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Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	98		10-120
4-Terphenyl-d14	97		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: PARAGON PAINT AND VARNISH SITE

Project Number: 2051.0001Y000

Lab Number: L1524771

Report Date: 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG827134-2 WG827134-3								
Acenaphthene	82		89		31-137	8		50
1,2,4-Trichlorobenzene	73		76		38-107	4		50
Hexachlorobenzene	83		89		40-140	7		50
Bis(2-chloroethyl)ether	75		80		40-140	6		50
2-Chloronaphthalene	77		85		40-140	10		50
1,2-Dichlorobenzene	72		73		40-140	1		50
1,3-Dichlorobenzene	68		72		40-140	6		50
1,4-Dichlorobenzene	70		72		28-104	3		50
3,3'-Dichlorobenzidine	58		67		40-140	14		50
2,4-Dinitrotoluene	93	Q	101	Q	28-89	8		50
2,6-Dinitrotoluene	88		95		40-140	8		50
Fluoranthene	83		87		40-140	5		50
4-Chlorophenyl phenyl ether	81		87		40-140	7		50
4-Bromophenyl phenyl ether	83		91		40-140	9		50
Bis(2-chloroisopropyl)ether	83		89		40-140	7		50
Bis(2-chloroethoxy)methane	80		87		40-117	8		50
Hexachlorobutadiene	69		73		40-140	6		50
Hexachlorocyclopentadiene	55		59		40-140	7		50
Hexachloroethane	72		75		40-140	4		50
Isophorone	78		87		40-140	11		50
Naphthalene	76		80		40-140	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PARAGON PAINT AND VARNISH SITE

Project Number: 2051.0001Y000

Lab Number: L1524771

Report Date: 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG827134-2 WG827134-3								
Nitrobenzene	79		84		40-140	6		50
NitrosoDiPhenylAmine(NDPA)/DPA	88		94		36-157	7		50
n-Nitrosodi-n-propylamine	96		106		32-121	10		50
Bis(2-Ethylhexyl)phthalate	83		87		40-140	5		50
Butyl benzyl phthalate	90		96		40-140	6		50
Di-n-butylphthalate	88		93		40-140	6		50
Di-n-octylphthalate	84		89		40-140	6		50
Diethyl phthalate	87		93		40-140	7		50
Dimethyl phthalate	85		90		40-140	6		50
Benzo(a)anthracene	74		78		40-140	5		50
Benzo(a)pyrene	76		80		40-140	5		50
Benzo(b)fluoranthene	73		76		40-140	4		50
Benzo(k)fluoranthene	74		80		40-140	8		50
Chrysene	76		79		40-140	4		50
Acenaphthylene	80		89		40-140	11		50
Anthracene	83		88		40-140	6		50
Benzo(ghi)perylene	75		80		40-140	6		50
Fluorene	85		92		40-140	8		50
Phenanthrene	80		85		40-140	6		50
Dibenzo(a,h)anthracene	77		80		40-140	4		50
Indeno(1,2,3-cd)Pyrene	76		81		40-140	6		50

Lab Control Sample Analysis

Batch Quality Control

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

Lab Number: L1524771
Report Date: 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG827134-2 WG827134-3								
Pyrene	83		88		35-142	6		50
Biphenyl	84		91		54-104	8		50
4-Chloroaniline	86		92		40-140	7		50
2-Nitroaniline	85		96		47-134	12		50
3-Nitroaniline	68		78		26-129	14		50
4-Nitroaniline	93		100		41-125	7		50
Dibenzofuran	80		87		40-140	8		50
2-Methylnaphthalene	78		85		40-140	9		50
1,2,4,5-Tetrachlorobenzene	76		82		40-117	8		50
Acetophenone	76		82		14-144	8		50
2,4,6-Trichlorophenol	80		89		30-130	11		50
P-Chloro-M-Cresol	83		92		26-103	10		50
2-Chlorophenol	77		84		25-102	9		50
2,4-Dichlorophenol	80		88		30-130	10		50
2,4-Dimethylphenol	84		93		30-130	10		50
2-Nitrophenol	77		85		30-130	10		50
4-Nitrophenol	89		94		11-114	5		50
2,4-Dinitrophenol	53		57		4-130	7		50
4,6-Dinitro-o-cresol	84		91		10-130	8		50
Pentachlorophenol	60		63		17-109	5		50
Phenol	77		88		26-90	13		50

Lab Control Sample Analysis

Batch Quality Control

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

Lab Number: L1524771
Report Date: 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG827134-2 WG827134-3								
2-Methylphenol	82		88		30-130.	7		50
3-Methylphenol/4-Methylphenol	86		96		30-130	11		50
2,4,5-Trichlorophenol	77		83		30-130	8		50
Benzoic Acid	12		17		10-66	34		50
Benzyl Alcohol	77		87		40-140	12		50
Carbazole	86		91		54-128	6		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	77		79		25-120
Phenol-d6	81		88		10-120
Nitrobenzene-d5	79		85		23-120
2-Fluorobiphenyl	77		84		30-120
2,4,6-Tribromophenol	82		86		10-136
4-Terphenyl-d14	81		86		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: PARAGON PAINT AND VARNISH SITE

Project Number: 2051.0001Y000

Lab Number: L1524771

Report Date: 10/06/15

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: WG827149-2 WG827149-3								
Acenaphthene	97		94		37-111	3		30
1,2,4-Trichlorobenzene	74		72		39-98	3		30
Hexachlorobenzene	109		106		40-140	3		30
Bis(2-chloroethyl)ether	75		72		40-140	4		30
2-Chloronaphthalene	86		84		40-140	2		30
1,2-Dichlorobenzene	64		60		40-140	6		30
1,3-Dichlorobenzene	60		57		40-140	5		30
1,4-Dichlorobenzene	61		58		36-97	5		30
3,3'-Dichlorobenzidine	84		82		40-140	2		30
2,4-Dinitrotoluene	116	Q	112	Q	24-96	4		30
2,6-Dinitrotoluene	100		95		40-140	5		30
Fluoranthene	103		99		40-140	4		30
4-Chlorophenyl phenyl ether	103		100		40-140	3		30
4-Bromophenyl phenyl ether	110		106		40-140	4		30
Bis(2-chloroisopropyl)ether	70		68		40-140	3		30
Bis(2-chloroethoxy)methane	81		78		40-140	4		30
Hexachlorobutadiene	69		70		40-140	1		30
Hexachlorocyclopentadiene	99		104		40-140	5		30
Hexachloroethane	58		56		40-140	4		30
Isophorone	81		79		40-140	3		30
Naphthalene	77		75		40-140	3		30

Lab Control Sample Analysis

Batch Quality Control

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

Lab Number: L1524771
Report Date: 10/06/15

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: WG827149-2 WG827149-3								
Nitrobenzene	88		85		40-140	3		30
NitrosoDiPhenylAmine(NDPA)/DPA	106		101		40-140	5		30
n-Nitrosodi-n-propylamine	79		77		29-132	3		30
Bis(2-Ethylhexyl)phthalate	92		91		40-140	1		30
Butyl benzyl phthalate	106		100		40-140	6		30
Di-n-butylphthalate	104		101		40-140	3		30
Di-n-octylphthalate	94		92		40-140	2		30
Diethyl phthalate	105		102		40-140	3		30
Dimethyl phthalate	106		102		40-140	4		30
Benzo(a)anthracene	94		92		40-140	2		30
Benzo(a)pyrene	95		93		40-140	2		30
Benzo(b)fluoranthene	97		90		40-140	7		30
Benzo(k)fluoranthene	91		93		40-140	2		30
Chrysene	91		90		40-140	1		30
Acenaphthylene	90		86		45-123	5		30
Anthracene	102		100		40-140	2		30
Benzo(ghi)perylene	98		96		40-140	2		30
Fluorene	102		99		40-140	3		30
Phenanthrene	98		96		40-140	2		30
Dibenzo(a,h)anthracene	103		101		40-140	2		30
Indeno(1,2,3-cd)Pyrene	99		98		40-140	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PARAGON PAINT AND VARNISH SITE

Project Number: 2051.0001Y000

Lab Number: L1524771

Report Date: 10/06/15

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: WG827149-2 WG827149-3								
Pyrene	104		98		26-127	6		30
Biphenyl	96		94		54-104	2		30
4-Chloroaniline	79		76		40-140	4		30
2-Nitroaniline	101		97		52-143	4		30
3-Nitroaniline	92		92		25-145	0		30
4-Nitroaniline	111		104		51-143	7		30
Dibenzofuran	100		97		40-140	3		30
2-Methylnaphthalene	80		79		40-140	1		30
1,2,4,5-Tetrachlorobenzene	93		93		2-134	0		30
Acetophenone	84		81		39-129	4		30
2,4,6-Trichlorophenol	108		105		30-130	3		30
P-Chloro-M-Cresol	99	Q	95		23-97	4		30
2-Chlorophenol	79		74		27-123	7		30
2,4-Dichlorophenol	98		94		30-130	4		30
2,4-Dimethylphenol	88		83		30-130	6		30
2-Nitrophenol	90		87		30-130	3		30
4-Nitrophenol	64		61		10-80	5		30
2,4-Dinitrophenol	143	Q	142	Q	20-130	1		30
4,6-Dinitro-o-cresol	139		134		20-164	4		30
Pentachlorophenol	103		103		9-103	0		30
Phenol	37		35		12-110	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PARAGON PAINT AND VARNISH SITE

Lab Number: L1524771

Project Number: 2051.0001Y000

Report Date: 10/06/15

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: WG827149-2 WG827149-3								
2-Methylphenol	70		67		30-130	4		30
3-Methylphenol/4-Methylphenol	66		64		30-130	3		30
2,4,5-Trichlorophenol	103		97		30-130	6		30
Benzoic Acid	43		46		10-110	7		30
Benzyl Alcohol	71		67		15-110	6		30
Carbazole	104		101		55-144	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	50		47		21-120
Phenol-d6	36		34		10-120
Nitrobenzene-d5	87		81		23-120
2-Fluorobiphenyl	89		85		15-120
2,4,6-Tribromophenol	113		112		10-120
4-Terphenyl-d14	104		99		41-149

PCBS

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

Lab Number: L1524771
Report Date: 10/06/15

SAMPLE RESULTS

Lab ID: L1524771-01
Client ID: FB100115
Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/03/15 03:08
Analyst: JT

Date Collected: 10/01/15 17:10
Date Received: 10/01/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 10/02/15 05:07
Cleanup Method: EPA 3665A
Cleanup Date: 10/02/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/02/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
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	102		30-150	B
Decachlorobiphenyl	85		30-150	B
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	101		30-150	A

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

Lab Number: L1524771
Report Date: 10/06/15

SAMPLE RESULTS

Lab ID: L1524771-12
Client ID: PD-03B-ID
Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/03/15 23:52
Analyst: JW
Percent Solids: 81%

Date Collected: 10/01/15 14:17
Date Received: 10/01/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/02/15 04:37
Cleanup Method: EPA 3665A
Cleanup Date: 10/03/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/03/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.2	3.18	1	A
Aroclor 1221	ND		ug/kg	40.2	3.71	1	A
Aroclor 1232	ND		ug/kg	40.2	4.71	1	A
Aroclor 1242	ND		ug/kg	40.2	4.92	1	A
Aroclor 1248	ND		ug/kg	40.2	3.40	1	A
Aroclor 1254	ND		ug/kg	40.2	3.31	1	A
Aroclor 1260	ND		ug/kg	40.2	3.06	1	A
Aroclor 1262	ND		ug/kg	40.2	2.00	1	A
Aroclor 1268	ND		ug/kg	40.2	5.83	1	A
PCBs, Total	ND		ug/kg	40.2	2.00	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	37		30-150	A
Decachlorobiphenyl	29	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	37		30-150	B
Decachlorobiphenyl	33		30-150	B

Project Name: PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524771**Project Number:** 2051.0001Y000**Report Date:** 10/06/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 10/02/15 16:55
 Analyst: JT

Extraction Method: EPA 3546
 Extraction Date: 10/02/15 01:33
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/02/15
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/02/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 12 Batch: WG827106-1						
Aroclor 1016	ND		ug/kg	31.3	2.47	A
Aroclor 1221	ND		ug/kg	31.3	2.89	A
Aroclor 1232	ND		ug/kg	31.3	3.67	A
Aroclor 1242	ND		ug/kg	31.3	3.83	A
Aroclor 1248	ND		ug/kg	31.3	2.64	A
Aroclor 1254	ND		ug/kg	31.3	2.57	A
Aroclor 1260	ND		ug/kg	31.3	2.38	A
Aroclor 1262	ND		ug/kg	31.3	1.55	A
Aroclor 1268	ND		ug/kg	31.3	4.54	A
PCBs, Total	ND		ug/kg	31.3	1.55	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	96		30-150	B

Project Name: PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524771**Project Number:** 2051.0001Y000**Report Date:** 10/06/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 10/03/15 03:25
 Analyst: JT

Extraction Method: EPA 3510C
 Extraction Date: 10/02/15 02:28
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/02/15
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/02/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG827110-1						
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	93		30-150	B
Decachlorobiphenyl	81		30-150	B
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	105		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: PARAGON PAINT AND VARNISH SITE

Project Number: 2051.0001Y000

Lab Number: L1524771

Report Date: 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 12 Batch: WG827106-2 WG827106-3									
Aroclor 1016	79		81		40-140	3		50	A
Aroclor 1260	79		79		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		81		30-150	A
Decachlorobiphenyl	68		71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		75		30-150	B
Decachlorobiphenyl	89		92		30-150	B

Lab Control Sample Analysis**Batch Quality Control****Project Name:** PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524771**Project Number:** 2051.0001Y000**Report Date:** 10/06/15

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: WG827110-2 WG827110-3									
Aroclor 1016	96		93		40-140	3		50	A
Aroclor 1260	108		108		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		97		30-150	B
Decachlorobiphenyl	77		87		30-150	B
2,4,5,6-Tetrachloro-m-xylene	89		93		30-150	A
Decachlorobiphenyl	105		114		30-150	A

PESTICIDES

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

Lab Number: L1524771
Report Date: 10/06/15

SAMPLE RESULTS

Lab ID: L1524771-01
Client ID: FB100115
Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 10/03/15 12:59
Analyst: AM

Date Collected: 10/01/15 17:10
Date Received: 10/01/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 10/02/15 09:16
Cleanup Method: EPA 3620B
Cleanup Date: 10/03/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
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	94		30-150	A
Decachlorobiphenyl	127		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	138		30-150	B

Project Name: PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524771**Project Number:** 2051.0001Y000**Report Date:** 10/06/15**SAMPLE RESULTS**

Lab ID: L1524771-12
Client ID: PD-03B-ID
Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/02/15 16:30
Analyst: SS
Percent Solids: 81%

Date Collected: 10/01/15 14:17
Date Received: 10/01/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/02/15 04:40
Cleanup Method: EPA 3620B
Cleanup Date: 10/02/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.92	0.376	1	A
Lindane	ND		ug/kg	0.800	0.358	1	A
Alpha-BHC	ND		ug/kg	0.800	0.227	1	A
Beta-BHC	ND		ug/kg	1.92	0.728	1	A
Heptachlor	ND		ug/kg	0.960	0.430	1	A
Aldrin	ND		ug/kg	1.92	0.676	1	A
Heptachlor epoxide	ND		ug/kg	3.60	1.08	1	A
Endrin	ND		ug/kg	0.800	0.328	1	A
Endrin ketone	ND		ug/kg	1.92	0.494	1	A
Dieldrin	ND		ug/kg	1.20	0.600	1	A
4,4'-DDE	ND		ug/kg	1.92	0.444	1	A
4,4'-DDD	ND		ug/kg	1.92	0.685	1	A
4,4'-DDT	ND		ug/kg	3.60	1.54	1	A
Endosulfan I	ND		ug/kg	1.92	0.454	1	A
Endosulfan II	ND		ug/kg	1.92	0.642	1	B
Endosulfan sulfate	ND		ug/kg	0.800	0.381	1	A
Methoxychlor	ND		ug/kg	3.60	1.12	1	A
Toxaphene	ND		ug/kg	36.0	10.1	1	A
cis-Chlordane	ND		ug/kg	2.40	0.669	1	A
trans-Chlordane	1.81	J	ug/kg	2.40	0.634	1	B
Chlordane	11.0	J	ug/kg	15.6	6.36	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	68		30-150	B
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	59		30-150	A

Project Name: PARAGON PAINT AND VARNISH SITE

Lab Number: L1524771

Project Number: 2051.0001Y000

Report Date: 10/06/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 10/02/15 15:12
 Analyst: SS

Extraction Method: EPA 3546
 Extraction Date: 10/02/15 04:40
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/02/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 12 Batch: WG827141-1						
Delta-BHC	ND		ug/kg	1.58	0.309	A
Lindane	ND		ug/kg	0.657	0.294	A
Alpha-BHC	ND		ug/kg	0.657	0.186	A
Beta-BHC	ND		ug/kg	1.58	0.598	A
Heptachlor	ND		ug/kg	0.788	0.353	A
Aldrin	ND		ug/kg	1.58	0.555	A
Heptachlor epoxide	ND		ug/kg	2.96	0.887	A
Endrin	ND		ug/kg	0.657	0.269	A
Endrin ketone	ND		ug/kg	1.58	0.406	A
Dieldrin	ND		ug/kg	0.986	0.493	A
4,4'-DDE	ND		ug/kg	1.58	0.365	A
4,4'-DDD	ND		ug/kg	1.58	0.562	A
4,4'-DDT	ND		ug/kg	2.96	1.27	A
Endosulfan I	ND		ug/kg	1.58	0.372	A
Endosulfan II	ND		ug/kg	1.58	0.527	A
Endosulfan sulfate	ND		ug/kg	0.657	0.313	A
Methoxychlor	ND		ug/kg	2.96	0.920	A
Toxaphene	ND		ug/kg	29.6	8.28	A
cis-Chlordane	ND		ug/kg	1.97	0.549	A
trans-Chlordane	ND		ug/kg	1.97	0.520	A
Chlordane	ND		ug/kg	12.8	5.22	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	90		30-150	B
2,4,5,6-Tetrachloro-m-xylene	109		30-150	A
Decachlorobiphenyl	78		30-150	A



Project Name: PARAGON PAINT AND VARNISH SITE

Lab Number: L1524771

Project Number: 2051.0001Y000

Report Date: 10/06/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 10/03/15 12:20
 Analyst: AM

Extraction Method: EPA 3510C
 Extraction Date: 10/02/15 09:16
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/03/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG827231-1						
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	84		30-150	A
Decachlorobiphenyl	124		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	131		30-150	B

Lab Control Sample Analysis

Batch Quality Control

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

Lab Number: L1524771
Report Date: 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 12 Batch: WG827141-2 WG827141-3									
Delta-BHC	118		100		30-150	17		30	A
Lindane	102		95		30-150	7		30	A
Alpha-BHC	107		100		30-150	7		30	A
Beta-BHC	103		96		30-150	7		30	A
Heptachlor	108		97		30-150	11		30	A
Aldrin	107		98		30-150	9		30	A
Heptachlor epoxide	94		87		30-150	8		30	A
Endrin	120		111		30-150	8		30	A
Endrin ketone	86		83		30-150	4		30	A
Dieldrin	113		107		30-150	5		30	A
4,4'-DDE	108		101		30-150	7		30	A
4,4'-DDD	108		101		30-150	7		30	A
4,4'-DDT	118		111		30-150	6		30	A
Endosulfan I	104		96		30-150	8		30	A
Endosulfan II	102		96		30-150	6		30	A
Endosulfan sulfate	82		78		30-150	5		30	A
Methoxychlor	93		92		30-150	1		30	A
cis-Chlordane	101		96		30-150	5		30	A
trans-Chlordane	105		99		30-150	6		30	A

Lab Control Sample Analysis**Batch Quality Control****Project Name:** PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524771**Project Number:** 2051.0001Y000**Report Date:** 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 12 Batch: WG827141-2 WG827141-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		85		30-150	B
Decachlorobiphenyl	125		91		30-150	B
2,4,5,6-Tetrachloro-m-xylene	102		97		30-150	A
Decachlorobiphenyl	82		81		30-150	A

Lab Control Sample Analysis

Batch Quality Control

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

Lab Number: L1524771
Report Date: 10/06/15

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: WG827231-2 WG827231-3									
Delta-BHC	109		114		30-150	4		20	A
Lindane	106		108		30-150	2		20	A
Alpha-BHC	116		120		30-150	3		20	A
Beta-BHC	93		94		30-150	1		20	A
Heptachlor	107		103		30-150	4		20	A
Aldrin	109		108		30-150	1		20	A
Heptachlor epoxide	105		104		30-150	1		20	A
Endrin	120		121		30-150	1		20	A
Endrin ketone	111		114		30-150	3		20	A
Dieldrin	112		119		30-150	6		20	A
4,4'-DDE	110		114		30-150	4		20	A
4,4'-DDD	116		119		30-150	3		20	A
4,4'-DDT	122		123		30-150	1		20	A
Endosulfan I	114		114		30-150	0		20	A
Endosulfan II	114		115		30-150	1		20	A
Endosulfan sulfate	101		105		30-150	4		20	A
Methoxychlor	123		131		30-150	6		20	A
cis-Chlordane	103		103		30-150	0		20	A
trans-Chlordane	110		113		30-150	3		20	A

Lab Control Sample Analysis**Batch Quality Control****Project Name:** PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524771**Project Number:** 2051.0001Y000**Report Date:** 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG827231-2 WG827231-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	103		87		30-150	A
Decachlorobiphenyl	139		138		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		86		30-150	B
Decachlorobiphenyl	140		149		30-150	B

METALS

Project Name: PARAGON PAINT AND VARNISH SITE

Lab Number: L1524771

Project Number: 2051.0001Y000

Report Date: 10/06/15

SAMPLE RESULTS

Lab ID: L1524771-01

Date Collected: 10/01/15 17:10

Client ID: FB100115

Date Received: 10/01/15

Sample Location: 5-49 46TH AVENUE, LONG ISLAND

Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	ND		mg/l	0.10	0.020	1	10/02/15 13:51	10/03/15 03:14	EPA 3005A	1,6010C	AB
Antimony, Total	0.0259	J	mg/l	0.0500	0.0080	1	10/02/15 13:51	10/03/15 03:14	EPA 3005A	1,6010C	AB
Arsenic, Total	0.0022	J	mg/l	0.0050	0.0020	1	10/02/15 13:51	10/03/15 03:14	EPA 3005A	1,6010C	AB
Barium, Total	ND		mg/l	0.0100	0.0030	1	10/02/15 13:51	10/03/15 03:14	EPA 3005A	1,6010C	AB
Beryllium, Total	ND		mg/l	0.0050	0.0010	1	10/02/15 13:51	10/03/15 03:14	EPA 3005A	1,6010C	AB
Cadmium, Total	ND		mg/l	0.0050	0.0007	1	10/02/15 13:51	10/03/15 03:14	EPA 3005A	1,6010C	AB
Calcium, Total	0.036	J	mg/l	0.10	0.030	1	10/02/15 13:51	10/03/15 03:14	EPA 3005A	1,6010C	AB
Chromium, Total	ND		mg/l	0.010	0.0020	1	10/02/15 13:51	10/03/15 03:14	EPA 3005A	1,6010C	AB
Cobalt, Total	ND		mg/l	0.0200	0.0050	1	10/02/15 13:51	10/03/15 03:14	EPA 3005A	1,6010C	AB
Copper, Total	ND		mg/l	0.0100	0.0020	1	10/02/15 13:51	10/03/15 03:14	EPA 3005A	1,6010C	AB
Iron, Total	ND		mg/l	0.050	0.020	1	10/02/15 13:51	10/03/15 03:14	EPA 3005A	1,6010C	AB
Lead, Total	ND		mg/l	0.0100	0.0020	1	10/02/15 13:51	10/03/15 03:14	EPA 3005A	1,6010C	AB
Magnesium, Total	ND		mg/l	0.10	0.010	1	10/02/15 13:51	10/03/15 03:14	EPA 3005A	1,6010C	AB
Manganese, Total	ND		mg/l	0.0100	0.0020	1	10/02/15 13:51	10/03/15 03:14	EPA 3005A	1,6010C	AB
Mercury, Total	ND		mg/l	0.00020	0.00006	1	10/02/15 09:26	10/02/15 21:44	EPA 7470A	1,7470A	EA
Nickel, Total	ND		mg/l	0.0250	0.0040	1	10/02/15 13:51	10/03/15 03:14	EPA 3005A	1,6010C	AB
Potassium, Total	ND		mg/l	2.5	0.40	1	10/02/15 13:51	10/03/15 03:14	EPA 3005A	1,6010C	AB
Selenium, Total	ND		mg/l	0.0100	0.0030	1	10/02/15 13:51	10/03/15 03:14	EPA 3005A	1,6010C	AB
Silver, Total	ND		mg/l	0.0070	0.0020	1	10/02/15 13:51	10/03/15 03:14	EPA 3005A	1,6010C	AB
Sodium, Total	ND		mg/l	2.0	0.30	1	10/02/15 13:51	10/03/15 03:14	EPA 3005A	1,6010C	AB
Thallium, Total	ND		mg/l	0.0200	0.0040	1	10/02/15 13:51	10/03/15 03:14	EPA 3005A	1,6010C	AB
Vanadium, Total	ND		mg/l	0.0100	0.0010	1	10/02/15 13:51	10/03/15 03:14	EPA 3005A	1,6010C	AB
Zinc, Total	ND		mg/l	0.0500	0.0070	1	10/02/15 13:51	10/03/15 03:14	EPA 3005A	1,6010C	AB



Project Name: PARAGON PAINT AND VARNISH SITE

Lab Number: L1524771

Project Number: 2051.0001Y000

Report Date: 10/06/15

SAMPLE RESULTS

Lab ID: L1524771-12

Date Collected: 10/01/15 14:17

Client ID: PD-03B-ID

Date Received: 10/01/15

Sample Location: 5-49 46TH AVENUE, LONG ISLAND

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	1400		mg/kg	9.2	1.8	2	10/02/15 08:19	10/05/15 20:44	EPA 3050B	1,6010C	JH
Antimony, Total	1.4	J	mg/kg	4.6	0.74	2	10/02/15 08:19	10/05/15 20:44	EPA 3050B	1,6010C	JH
Arsenic, Total	6.4		mg/kg	0.92	0.18	2	10/02/15 08:19	10/05/15 20:44	EPA 3050B	1,6010C	JH
Barium, Total	240		mg/kg	0.92	0.28	2	10/02/15 08:19	10/05/15 20:44	EPA 3050B	1,6010C	JH
Beryllium, Total	0.09	J	mg/kg	0.46	0.09	2	10/02/15 08:19	10/05/15 20:44	EPA 3050B	1,6010C	JH
Cadmium, Total	0.45	J	mg/kg	0.92	0.07	2	10/02/15 08:19	10/05/15 20:44	EPA 3050B	1,6010C	JH
Calcium, Total	490000		mg/kg	920	280	200	10/02/15 08:19	10/06/15 08:32	EPA 3050B	1,6010C	JH
Chromium, Total	8.5		mg/kg	0.92	0.18	2	10/02/15 08:19	10/05/15 20:44	EPA 3050B	1,6010C	JH
Cobalt, Total	2.9		mg/kg	1.8	0.46	2	10/02/15 08:19	10/05/15 20:44	EPA 3050B	1,6010C	JH
Copper, Total	46		mg/kg	0.92	0.18	2	10/02/15 08:19	10/05/15 20:44	EPA 3050B	1,6010C	JH
Iron, Total	10000		mg/kg	4.6	1.8	2	10/02/15 08:19	10/05/15 20:44	EPA 3050B	1,6010C	JH
Lead, Total	220		mg/kg	4.6	0.18	2	10/02/15 08:19	10/05/15 20:44	EPA 3050B	1,6010C	JH
Magnesium, Total	1000		mg/kg	9.2	0.92	2	10/02/15 08:19	10/05/15 20:44	EPA 3050B	1,6010C	JH
Manganese, Total	230		mg/kg	0.92	0.18	2	10/02/15 08:19	10/05/15 20:44	EPA 3050B	1,6010C	JH
Mercury, Total	0.14		mg/kg	0.09	0.02	1	10/02/15 09:20	10/02/15 11:58	EPA 7471B	1,7471B	DB
Nickel, Total	6.9		mg/kg	2.3	0.37	2	10/02/15 08:19	10/05/15 20:44	EPA 3050B	1,6010C	JH
Potassium, Total	140	J	mg/kg	230	37.	2	10/02/15 08:19	10/05/15 20:44	EPA 3050B	1,6010C	JH
Selenium, Total	1.6	J	mg/kg	1.8	0.28	2	10/02/15 08:19	10/05/15 20:44	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.92	0.18	2	10/02/15 08:19	10/05/15 20:44	EPA 3050B	1,6010C	JH
Sodium, Total	250		mg/kg	180	28.	2	10/02/15 08:19	10/05/15 20:44	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.37	2	10/02/15 08:19	10/05/15 20:44	EPA 3050B	1,6010C	JH
Vanadium, Total	5.1		mg/kg	0.92	0.09	2	10/02/15 08:19	10/05/15 20:44	EPA 3050B	1,6010C	JH
Zinc, Total	290		mg/kg	4.6	0.65	2	10/02/15 08:19	10/05/15 20:44	EPA 3050B	1,6010C	JH



Project Name: PARAGON PAINT AND VARNISH SITE

Lab Number: L1524771

Project Number: 2051.0001Y000

Report Date: 10/06/15

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): 12 Batch: WG827139-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	10/02/15 09:20	10/02/15 11:09	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): 12 Batch: WG827183-1										
Aluminum, Total	ND		mg/kg	4.0	0.80	1	10/02/15 08:19	10/05/15 22:24	1,6010C	JH
Antimony, Total	ND		mg/kg	2.0	0.32	1	10/02/15 08:19	10/05/15 22:24	1,6010C	JH
Arsenic, Total	0.16	J	mg/kg	0.40	0.08	1	10/02/15 08:19	10/05/15 22:24	1,6010C	JH
Barium, Total	ND		mg/kg	0.40	0.12	1	10/02/15 08:19	10/05/15 22:24	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.20	0.04	1	10/02/15 08:19	10/05/15 22:24	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.40	0.03	1	10/02/15 08:19	10/05/15 22:24	1,6010C	JH
Calcium, Total	ND		mg/kg	4.0	1.2	1	10/02/15 08:19	10/05/15 22:24	1,6010C	JH
Chromium, Total	ND		mg/kg	0.40	0.08	1	10/02/15 08:19	10/05/15 22:24	1,6010C	JH
Cobalt, Total	ND		mg/kg	0.80	0.20	1	10/02/15 08:19	10/05/15 22:24	1,6010C	JH
Copper, Total	ND		mg/kg	0.40	0.08	1	10/02/15 08:19	10/05/15 22:24	1,6010C	JH
Iron, Total	ND		mg/kg	2.0	0.80	1	10/02/15 08:19	10/05/15 22:24	1,6010C	JH
Lead, Total	ND		mg/kg	2.0	0.08	1	10/02/15 08:19	10/05/15 22:24	1,6010C	JH
Magnesium, Total	ND		mg/kg	4.0	0.40	1	10/02/15 08:19	10/05/15 22:24	1,6010C	JH
Manganese, Total	ND		mg/kg	0.40	0.08	1	10/02/15 08:19	10/05/15 22:24	1,6010C	JH
Nickel, Total	ND		mg/kg	1.0	0.16	1	10/02/15 08:19	10/05/15 22:24	1,6010C	JH
Potassium, Total	ND		mg/kg	100	16.	1	10/02/15 08:19	10/05/15 22:24	1,6010C	JH
Selenium, Total	ND		mg/kg	0.80	0.12	1	10/02/15 08:19	10/05/15 22:24	1,6010C	JH
Silver, Total	ND		mg/kg	0.40	0.08	1	10/02/15 08:19	10/05/15 22:24	1,6010C	JH
Sodium, Total	ND		mg/kg	80	12.	1	10/02/15 08:19	10/05/15 22:24	1,6010C	JH
Thallium, Total	ND		mg/kg	0.80	0.16	1	10/02/15 08:19	10/05/15 22:24	1,6010C	JH
Vanadium, Total	ND		mg/kg	0.40	0.04	1	10/02/15 08:19	10/05/15 22:24	1,6010C	JH
Zinc, Total	ND		mg/kg	2.0	0.28	1	10/02/15 08:19	10/05/15 22:24	1,6010C	JH

Project Name: PARAGON PAINT AND VARNISH SITE

Lab Number: L1524771

Project Number: 2051.0001Y000

Report Date: 10/06/15

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01 Batch: WG827261-1										
Aluminum, Total	ND		mg/l	0.10	0.020	1	10/02/15 13:51	10/03/15 03:02	1,6010C	AB
Antimony, Total	ND		mg/l	0.0500	0.0080	1	10/02/15 13:51	10/03/15 03:02	1,6010C	AB
Arsenic, Total	0.0021	J	mg/l	0.0050	0.0020	1	10/02/15 13:51	10/03/15 03:02	1,6010C	AB
Barium, Total	ND		mg/l	0.0100	0.0030	1	10/02/15 13:51	10/03/15 03:02	1,6010C	AB
Beryllium, Total	ND		mg/l	0.0050	0.0010	1	10/02/15 13:51	10/03/15 03:02	1,6010C	AB
Cadmium, Total	ND		mg/l	0.0050	0.0007	1	10/02/15 13:51	10/03/15 03:02	1,6010C	AB
Calcium, Total	ND		mg/l	0.10	0.030	1	10/02/15 13:51	10/03/15 03:02	1,6010C	AB
Chromium, Total	ND		mg/l	0.010	0.0020	1	10/02/15 13:51	10/03/15 03:02	1,6010C	AB
Cobalt, Total	ND		mg/l	0.0200	0.0050	1	10/02/15 13:51	10/03/15 03:02	1,6010C	AB
Copper, Total	ND		mg/l	0.0100	0.0020	1	10/02/15 13:51	10/03/15 03:02	1,6010C	AB
Iron, Total	ND		mg/l	0.050	0.020	1	10/02/15 13:51	10/03/15 03:02	1,6010C	AB
Lead, Total	ND		mg/l	0.0100	0.0020	1	10/02/15 13:51	10/03/15 03:02	1,6010C	AB
Magnesium, Total	ND		mg/l	0.10	0.010	1	10/02/15 13:51	10/03/15 03:02	1,6010C	AB
Manganese, Total	ND		mg/l	0.0100	0.0020	1	10/02/15 13:51	10/03/15 03:02	1,6010C	AB
Nickel, Total	ND		mg/l	0.0250	0.0040	1	10/02/15 13:51	10/03/15 03:02	1,6010C	AB
Potassium, Total	ND		mg/l	2.5	0.40	1	10/02/15 13:51	10/03/15 03:02	1,6010C	AB
Selenium, Total	ND		mg/l	0.0100	0.0030	1	10/02/15 13:51	10/03/15 03:02	1,6010C	AB
Silver, Total	ND		mg/l	0.0070	0.0020	1	10/02/15 13:51	10/03/15 03:02	1,6010C	AB
Sodium, Total	ND		mg/l	2.0	0.30	1	10/02/15 13:51	10/03/15 03:02	1,6010C	AB
Thallium, Total	ND		mg/l	0.0200	0.0040	1	10/02/15 13:51	10/03/15 03:02	1,6010C	AB
Vanadium, Total	ND		mg/l	0.0100	0.0010	1	10/02/15 13:51	10/03/15 03:02	1,6010C	AB



Project Name: PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524771**Project Number:** 2051.0001Y000**Report Date:** 10/06/15

Method Blank Analysis Batch Quality Control

Zinc, Total	ND	mg/l	0.0500	0.0070	1	10/02/15 13:51	10/03/15 03:02	1,6010C	AB
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Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis**Batch Quality Control****Project Name:** PARAGON PAINT AND VARNISH SITE**Project Number:** 2051.0001Y000**Lab Number:** L1524771**Report Date:** 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 12 Batch: WG827139-2 SRM Lot Number: D088-540								
Mercury, Total	97		-		72-128	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: PARAGON PAINT AND VARNISH SITE

Lab Number: L1524771

Project Number: 2051.0001Y000

Report Date: 10/06/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 12 Batch: WG827183-2 SRM Lot Number: D088-540					
Aluminum, Total	91	-	48-151	-	
Antimony, Total	140	-	1-208	-	
Arsenic, Total	96	-	79-121	-	
Barium, Total	94	-	83-117	-	
Beryllium, Total	98	-	83-117	-	
Cadmium, Total	94	-	83-117	-	
Calcium, Total	92	-	81-119	-	
Chromium, Total	92	-	80-120	-	
Cobalt, Total	92	-	84-115	-	
Copper, Total	98	-	81-118	-	
Iron, Total	96	-	45-155	-	
Lead, Total	85	-	81-117	-	
Magnesium, Total	91	-	76-124	-	
Manganese, Total	93	-	81-118	-	
Nickel, Total	93	-	83-117	-	
Potassium, Total	96	-	71-129	-	
Selenium, Total	102	-	78-122	-	
Silver, Total	98	-	75-124	-	
Sodium, Total	95	-	72-127	-	
Thallium, Total	90	-	80-120	-	
Vanadium, Total	96	-	78-122	-	

Lab Control Sample Analysis**Batch Quality Control****Project Name:** PARAGON PAINT AND VARNISH SITE**Project Number:** 2051.0001Y000**Lab Number:** L1524771**Report Date:** 10/06/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 12 Batch: WG827183-2 SRM Lot Number: D088-540					
Zinc, Total	92	-	82-118	-	
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG827214-2					
Mercury, Total	101	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: PARAGON PAINT AND VARNISH SITE

Project Number: 2051.0001Y000

Lab Number: L1524771

Report Date: 10/06/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG827261-2					
Aluminum, Total	105	-	80-120	-	
Antimony, Total	96	-	80-120	-	
Arsenic, Total	115	-	80-120	-	
Barium, Total	105	-	80-120	-	
Beryllium, Total	104	-	80-120	-	
Cadmium, Total	117	-	80-120	-	
Calcium, Total	100	-	80-120	-	
Chromium, Total	105	-	80-120	-	
Cobalt, Total	104	-	80-120	-	
Copper, Total	106	-	80-120	-	
Iron, Total	100	-	80-120	-	
Lead, Total	112	-	80-120	-	
Magnesium, Total	110	-	80-120	-	
Manganese, Total	104	-	80-120	-	
Nickel, Total	109	-	80-120	-	
Potassium, Total	110	-	80-120	-	
Selenium, Total	112	-	80-120	-	
Silver, Total	112	-	80-120	-	
Sodium, Total	110	-	80-120	-	
Thallium, Total	108	-	80-120	-	
Vanadium, Total	110	-	80-120	-	

Lab Control Sample Analysis**Batch Quality Control****Project Name:** PARAGON PAINT AND VARNISH SITE**Project Number:** 2051.0001Y000**Lab Number:** L1524771**Report Date:** 10/06/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG827261-2					
Zinc, Total	105	-	80-120	-	

Matrix Spike Analysis Batch Quality Control

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

Lab Number: L1524771
Report Date: 10/06/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 12 QC Batch ID: WG827139-4 QC Sample: L1524773-01 Client ID: MS Sample												
Mercury, Total	0.10	0.183	0.39	158	Q	-	-		80-120	-		20

Matrix Spike Analysis

Batch Quality Control

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

Lab Number: L1524771
Report Date: 10/06/15

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): 12 QC Batch ID: WG827183-4 QC Sample: L1524771-12 Client ID: PD-03B-ID									
Aluminum, Total	1400	188	1100	0	Q	-	75-125	-	20
Antimony, Total	1.4J	47.1	48	102		-	75-125	-	20
Arsenic, Total	6.4	11.3	14	67	Q	-	75-125	-	20
Barium, Total	240	188	290	26	Q	-	75-125	-	20
Beryllium, Total	0.09J	4.71	4.1	87		-	75-125	-	20
Cadmium, Total	0.45J	4.8	4.7	98		-	75-125	-	20
Chromium, Total	8.5	18.8	19	56	Q	-	75-125	-	20
Cobalt, Total	2.9	47.1	38	74	Q	-	75-125	-	20
Copper, Total	46.	23.6	54	34	Q	-	75-125	-	20
Iron, Total	10000	94.2	3200	0	Q	-	75-125	-	20
Lead, Total	220	48	170	0	Q	-	75-125	-	20
Magnesium, Total	1000	942	1700	74	Q	-	75-125	-	20
Manganese, Total	230	47.1	250	42	Q	-	75-125	-	20
Nickel, Total	6.9	47.1	40	70	Q	-	75-125	-	20
Potassium, Total	140J	942	1100	117		-	75-125	-	20
Selenium, Total	1.6J	11.3	13	115		-	75-125	-	20
Silver, Total	ND	28.3	33	117		-	75-125	-	20
Sodium, Total	250	942	1300	111		-	75-125	-	20
Thallium, Total	ND	11.3	7.2	64	Q	-	75-125	-	20
Vanadium, Total	5.1	47.1	46	87		-	75-125	-	20
Zinc, Total	290	47.1	280	0	Q	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

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

Lab Number: L1524771
Report Date: 10/06/15

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: WG827214-4 QC Sample: L1524605-01 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00520	104	-	-	80-120	-	20

Matrix Spike Analysis

Batch Quality Control

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

Lab Number: L1524771
Report Date: 10/06/15

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: WG827261-4 QC Sample: L1524771-01 Client ID: FB100115									
Aluminum, Total	ND	2	2.0	100	-	-	75-125	-	20
Antimony, Total	0.0259J	0.5	0.486	97	-	-	75-125	-	20
Arsenic, Total	0.0022J	0.12	0.135	112	-	-	75-125	-	20
Barium, Total	ND	2	2.04	102	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.0505	101	-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.0576	113	-	-	75-125	-	20
Calcium, Total	0.036J	10	10	100	-	-	75-125	-	20
Chromium, Total	ND	0.2	0.21	105	-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.507	101	-	-	75-125	-	20
Copper, Total	ND	0.25	0.256	102	-	-	75-125	-	20
Iron, Total	ND	1	0.99	99	-	-	75-125	-	20
Lead, Total	ND	0.51	0.561	110	-	-	75-125	-	20
Magnesium, Total	ND	10	11	110	-	-	75-125	-	20
Manganese, Total	ND	0.5	0.501	100	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.527	105	-	-	75-125	-	20
Potassium, Total	ND	10	11	110	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.134	112	-	-	75-125	-	20
Silver, Total	ND	0.05	0.0540	108	-	-	75-125	-	20
Sodium, Total	ND	10	11	110	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.127	106	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.535	107	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

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

Lab Number: L1524771
Report Date: 10/06/15

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: WG827261-4 QC Sample: L1524771-01 Client ID: FB100115									
Zinc, Total	ND	0.5	0.511	102	-	-	75-125	-	20

Project Name: PARAGON PAINT AND VARNISH SITE**Project Number:** 2051.0001Y000**Lab Duplicate Analysis****Batch Quality Control****Lab Number:** L1524771**Report Date:** 10/06/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 12 QC Batch ID: WG827139-3 QC Sample: L1524773-01 Client ID: DUP Sample						
Mercury, Total	0.10	0.22	mg/kg	75	Q	20

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

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L1524771
Report Date: 10/06/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 12 QC Batch ID: WG827183-3 QC Sample: L1524771-12 Client ID: PD-03B-ID					
Aluminum, Total	1400	960	mg/kg	37	Q 20
Antimony, Total	1.4J	1.2J	mg/kg	NC	20
Arsenic, Total	6.4	5.2	mg/kg	21	Q 20
Barium, Total	240	140	mg/kg	53	Q 20
Beryllium, Total	0.09J	ND	mg/kg	NC	20
Cadmium, Total	0.45J	0.45J	mg/kg	NC	20
Chromium, Total	8.5	4.4	mg/kg	64	Q 20
Cobalt, Total	2.9	2.7	mg/kg	7	20
Copper, Total	46.	41	mg/kg	11	20
Iron, Total	10000	7200	mg/kg	33	Q 20
Lead, Total	220	130	mg/kg	51	Q 20
Magnesium, Total	1000	1100	mg/kg	10	20
Manganese, Total	230	230	mg/kg	0	20
Nickel, Total	6.9	4.3	mg/kg	46	Q 20
Potassium, Total	140J	120J	mg/kg	NC	20
Selenium, Total	1.6J	1.5J	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	250	240	mg/kg	4	20
Thallium, Total	ND	ND	mg/kg	NC	20

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

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L1524771
Report Date: 10/06/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 12 QC Batch ID: WG827183-3 QC Sample: L1524771-12 Client ID: PD-03B-ID					
Vanadium, Total	5.1	5.1	mg/kg	0	20
Zinc, Total	290	260	mg/kg	11	20
Total Metals - Westborough Lab Associated sample(s): 12 QC Batch ID: WG827183-3 QC Sample: L1524771-12 Client ID: PD-03B-ID					
Calcium, Total	490000	480000	mg/kg	2	20
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG827214-3 QC Sample: L1524605-01 Client ID: DUP Sample					
Mercury, 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: L1524771
Report Date: 10/06/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG827261-3 QC Sample: L1524771-01 Client ID: FB100115					
Aluminum, Total	ND	ND	mg/l	NC	20
Antimony, Total	0.0259J	0.0092J	mg/l	NC	20
Arsenic, Total	0.0022J	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	0.036J	ND	mg/l	NC	20
Chromium, Total	ND	ND	mg/l	NC	20
Cobalt, Total	ND	ND	mg/l	NC	20
Copper, Total	ND	ND	mg/l	NC	20
Iron, Total	ND	ND	mg/l	NC	20
Lead, Total	ND	ND	mg/l	NC	20
Magnesium, Total	ND	ND	mg/l	NC	20
Manganese, Total	ND	ND	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	ND	ND	mg/l	NC	20

Project Name: PARAGON PAINT AND VARNISH SITE

Project Number: 2051.0001Y000

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L1524771

Report Date: 10/06/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG827261-3 QC Sample: L1524771-01 Client ID: FB100115					
Thallium, Total	ND	ND	mg/l	NC	20
Vanadium, Total	ND	ND	mg/l	NC	20
Zinc, Total	ND	ND	mg/l	NC	20

INORGANICS & MISCELLANEOUS

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

Lab Number: L1524771
Report Date: 10/06/15

SAMPLE RESULTS

Lab ID: L1524771-03
Client ID: DUP100115
Sample Location: 5-49 46TH AVENUE, LONG ISLAND
Matrix: Soil

Date Collected: 10/01/15 11:59
Date Received: 10/01/15
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	64.0		%	0.100	NA	1	-	10/02/15 04:49	30,2540G	LH



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

Lab Number: L1524771
Report Date: 10/06/15

SAMPLE RESULTS

Lab ID: L1524771-04
Client ID: PD-03/8-10
Sample Location: 5-49 46TH AVENUE, LONG ISLAND
Matrix: Soil

Date Collected: 10/01/15 11:10
Date Received: 10/01/15
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	52.8		%	0.100	NA	1	-	10/02/15 04:49	30,2540G	LH



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

Lab Number: L1524771
Report Date: 10/06/15

SAMPLE RESULTS

Lab ID: L1524771-05
Client ID: PD-03/12-14
Sample Location: 5-49 46TH AVENUE, LONG ISLAND
Matrix: Soil

Date Collected: 10/01/15 11:15
Date Received: 10/01/15
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	81.2		%	0.100	NA	1	-	10/02/15 04:49	30,2540G	LH



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

Lab Number: L1524771
Report Date: 10/06/15

SAMPLE RESULTS

Lab ID: L1524771-06
Client ID: PD-06/8-10
Sample Location: 5-49 46TH AVENUE, LONG ISLAND
Matrix: Soil

Date Collected: 10/01/15 08:50
Date Received: 10/01/15
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	81.1		%	0.100	NA	1	-	10/02/15 04:49	30,2540G	LH



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

Lab Number: L1524771
Report Date: 10/06/15

SAMPLE RESULTS

Lab ID: L1524771-07
Client ID: PD-02/10-12
Sample Location: 5-49 46TH AVENUE, LONG ISLAND
Matrix: Soil

Date Collected: 09/30/15 17:30
Date Received: 10/01/15
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	78.6		%	0.100	NA	1	-	10/02/15 04:49	30,2540G	LH



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

Lab Number: L1524771
Report Date: 10/06/15

SAMPLE RESULTS

Lab ID: L1524771-09
Client ID: PD-04/8-10
Sample Location: 5-49 46TH AVENUE, LONG ISLAND
Matrix: Soil

Date Collected: 10/01/15 10:35
Date Received: 10/01/15
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	23.3		%	0.100	NA	1	-	10/02/15 04:49	30,2540G	LH



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

Lab Number: L1524771
Report Date: 10/06/15

SAMPLE RESULTS

Lab ID: L1524771-12
Client ID: PD-03B-ID
Sample Location: 5-49 46TH AVENUE, LONG ISLAND
Matrix: Soil

Date Collected: 10/01/15 14:17
Date Received: 10/01/15
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	-	10/02/15 04:49	30,2540G	LH



Project Name: PARAGON PAINT AND VARNISH SITE**Project Number:** 2051.0001Y000**Lab Duplicate Analysis****Batch Quality Control****Lab Number:** L1524771**Report Date:** 10/06/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 03-07,09,12 QC Batch ID: WG827145-1 QC Sample: L1524771-09 Client ID: PD-04/8-10						
Solids, Total	23.3	23.3	%	0		20

Project Name: PARAGON PAINT AND VARNISH SITE**Lab Number:** L1524771**Project Number:** 2051.0001Y000**Report Date:** 10/06/15**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 10/02/2015 04:18**Cooler Information Custody Seal****Cooler**

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1524771-01A	Vial HCl preserved	A	N/A	4.6	Y	Absent	NYTCL-8260(14)
L1524771-01B	Vial HCl preserved	A	N/A	4.6	Y	Absent	NYTCL-8260(14)
L1524771-01C	Vial HCl preserved	A	N/A	4.6	Y	Absent	NYTCL-8260(14)
L1524771-01D	Plastic 250ml HNO3 preserved	A	<2	4.6	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)
L1524771-01E	Amber 500ml unpreserved	A	8	4.6	Y	Absent	NYTCL-8081(7)
L1524771-01F	Amber 500ml unpreserved	A	8	4.6	Y	Absent	NYTCL-8081(7)
L1524771-01G	Amber 1000ml unpreserved	A	8	4.6	Y	Absent	NYTCL-8082-1200ML(7)
L1524771-01H	Amber 1000ml unpreserved	A	8	4.6	Y	Absent	NYTCL-8082-1200ML(7)
L1524771-01I	Amber 1000ml unpreserved	A	8	4.6	Y	Absent	NYTCL-8270(7)
L1524771-01J	Amber 1000ml unpreserved	A	8	4.6	Y	Absent	NYTCL-8270(7)
L1524771-02A	Vial HCl preserved	A	N/A	4.6	Y	Absent	NYTCL-8260(14)
L1524771-02B	Vial HCl preserved	A	N/A	4.6	Y	Absent	NYTCL-8260(14)
L1524771-03A	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(2)
L1524771-03B	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(2)
L1524771-03C	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(2)
L1524771-03D	Plastic 2oz unpreserved for TS	A	N/A	4.6	Y	Absent	TS(7)
L1524771-03X	Vial MeOH preserved split	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(14)
L1524771-03Y	Vial Water preserved split	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(14)
L1524771-03Z	Vial Water preserved split	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(14)
L1524771-04A	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(2)
L1524771-04B	5 gram Encore Sampler	A	N/A	4.6	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:** L1524771**Report Date:** 10/06/15**Container Information**

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1524771-04C	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(2)
L1524771-04D	Plastic 2oz unpreserved for TS	A	N/A	4.6	Y	Absent	TS(7)
L1524771-04X	Vial MeOH preserved split	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(14)
L1524771-04Y	Vial Water preserved split	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(14)
L1524771-04Z	Vial Water preserved split	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(14)
L1524771-05A	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(2)
L1524771-05B	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(2)
L1524771-05C	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(2)
L1524771-05D	Plastic 2oz unpreserved for TS	A	N/A	4.6	Y	Absent	TS(7)
L1524771-05X	Vial MeOH preserved split	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(14)
L1524771-05Y	Vial Water preserved split	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(14)
L1524771-05Z	Vial Water preserved split	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(14)
L1524771-06A	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(2)
L1524771-06B	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(2)
L1524771-06C	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(2)
L1524771-06D	Plastic 2oz unpreserved for TS	A	N/A	4.6	Y	Absent	TS(7)
L1524771-06X	Vial MeOH preserved split	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(14)
L1524771-06Y	Vial Water preserved split	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(14)
L1524771-06Z	Vial Water preserved split	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(14)
L1524771-07A	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(2)
L1524771-07B	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(2)
L1524771-07C	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(2)
L1524771-07D	Plastic 2oz unpreserved for TS	A	N/A	4.6	Y	Absent	TS(7)
L1524771-07X	Vial MeOH preserved split	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(14)
L1524771-07Y	Vial Water preserved split	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(14)
L1524771-07Z	Vial Water preserved split	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(14)
L1524771-08A	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	HOLD-8260HLW(2)
L1524771-08B	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	HOLD-8260HLW(2)
L1524771-08C	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	HOLD-8260HLW(2)
L1524771-08D	Plastic 2oz unpreserved for TS	A	N/A	4.6	Y	Absent	HOLD-WETCHEM()
L1524771-09A	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(2)
L1524771-09A1	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(2)
L1524771-09A2	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(2)
L1524771-09B	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(2)
L1524771-09B1	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(2)
L1524771-09B2	5 gram Encore Sampler	A	N/A	4.6	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:** L1524771**Report Date:** 10/06/15**Container Information**

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1524771-09C	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(2)
L1524771-09C1	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(2)
L1524771-09C2	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(2)
L1524771-09D	Plastic 2oz unpreserved for TS	A	N/A	4.6	Y	Absent	TS(7)
L1524771-09D1	Plastic 2oz unpreserved for TS	A	N/A	4.6	Y	Absent	TS(7)
L1524771-09D2	Plastic 2oz unpreserved for TS	A	N/A	4.6	Y	Absent	TS(7)
L1524771-09X	Vial MeOH preserved split	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(14)
L1524771-09Y	Vial Water preserved split	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(14)
L1524771-09Z	Vial Water preserved split	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(14)
L1524771-09Z1	Vial Water preserved split	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(14)
L1524771-10A	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	HOLD-8260HLW(2)
L1524771-10B	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	HOLD-8260HLW(2)
L1524771-10C	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	HOLD-8260HLW(2)
L1524771-10D	Plastic 2oz unpreserved for TS	A	N/A	4.6	Y	Absent	HOLD-WETCHEM()
L1524771-11A	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	HOLD-8260HLW(2)
L1524771-11B	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	HOLD-8260HLW(2)
L1524771-11C	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	HOLD-8260HLW(2)
L1524771-11D	Plastic 2oz unpreserved for TS	A	N/A	4.6	Y	Absent	HOLD-WETCHEM()
L1524771-12A	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(2)
L1524771-12B	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(2)
L1524771-12C	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(2)
L1524771-12D	Plastic 2oz unpreserved for TS	A	N/A	4.6	Y	Absent	TS(7)
L1524771-12E	Glass 250ml/8oz unpreserved	A	N/A	4.6	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),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)

*Values in parentheses indicate holding time in days

Project Name: PARAGON PAINT AND VARNISH SITE

Project Number: 2051.0001Y000

Lab Number: L1524771

Report Date: 10/06/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1524771-12F	Glass 250ml/8oz unpreserved	A	N/A	4.6	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),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)
L1524771-12X	Vial MeOH preserved split	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(14)
L1524771-12Y	Vial Water preserved split	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(14)
L1524771-12Z	Vial Water preserved split	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(14)
L1524771-13A	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	HOLD-8260HLW(2)
L1524771-13B	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	HOLD-8260HLW(2)
L1524771-13C	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	HOLD-8260HLW(2)
L1524771-13D	Plastic 2oz unpreserved for TS	A	N/A	4.6	Y	Absent	HOLD-WETCHEM()

*Values in parentheses indicate holding time in days

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

Lab Number: L1524771
Report Date: 10/06/15

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.

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).
- C** - 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

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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
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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

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, NO₂, NO₃.

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.

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.**

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		Service Centers Mahwah, NJ 07430: 36 Whitney Rd, Suite 6 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page <u>1</u> of <u>2</u>		Date Rec'd in Lab <u>10/2/15</u>		ALPHA Job # <u>11524771</u>					
Client Information Client: Roux Associates, Inc. Address: 209 Shafter St Islandia, New York 11749 Phone: (631)232-2600 Fax: (631)232-9898 Email: <u>maxwell@rouxinc.com</u>		Project Information 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 #) ☐		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQUIS (1 File) ☐ EQUIS (4 File) ☐ Other		Billing Information ☒ Same as Client Info PO #							
Turn-Around Time Standard ☐ Due Date: <u>3</u> Rush (only if pre approved) ☒ # of Days:		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:									
Other project specific requirements/comments: Please specify Metals or TAL.						ANALYSIS		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below) Sample Specific Comments					
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials		TCL VOCs TCL SVOCs TAL Metals TCL PCBs TCL Pesticides TCL Pest		Total Bottle	
24771-01		FB100115		10/1/2015 17:10		FB		RRH		X		2	
02		TB100115		10/1/2015 --		TB		RRH		X		4	
03		DUP100115		10/1/2015 11:59		S		RRH		X		4	
04		PD-03/8-10		10/1/2015 11:10		S		RRH		X		4	
05		PD-03/12-14		10/1/2015 11:15		S		RRH		X		4	
06		PD-06/8-10		10/1/2015 08:50		S		RRH		X		4	
07		PD-02/10-12		09/30/2015 17:30		S		RRH		X		4	
08		PD-05B/8-10		10/1/2015 5:45		S		RRH		X		4	
09		PD-04/8-10		10/1/2015 10:35		S		RRH		X		4	
10		PD-03B/8-10		10/1/2015 1445		S		RRH		X		4	
11		PD-05B/10-12		10/1/2015 1547		S		RRH		X		4	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube 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.			
Form No: 01-25 (rev. 30-Sept-2013)		Relinquished By: <u>Daniel Fischer AAL</u>		Date/Time: <u>10/1/15 17:30</u>		Received By: <u>Daniel Fischer AAL</u>		Date/Time: <u>10/1/15 17:30</u>		Relinquished By: <u>Tammy Tablin</u>		Date/Time: <u>10/1/15 1930</u>	

 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 <u>2</u> of <u>2</u>	Date Rec'd in Lab <u>10/2/15</u>	ALPHA Job # <u>61524771</u>																									
	Project Information Project Name: <u>Paragon Paint and Varnish Site</u> Project Location: <u>5-49 46th Avenue, Long Island City, NY</u> Project #: <u>2051.0001Y000</u> (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQUIS (1 File) ☐ EQUIS (4 File) ☐ Other																										
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Project Manager: <u>Roux: Richard Maxwell / Alpha: Karyn Raymond</u> ALPHAQuote #: Turn-Around Time Standard ☐ Due Date: <u>3</u> Rush (only if pre approved) ☒ # of Days:		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:																									
Other project specific requirements/comments: Please specify Metals or TAL.		ANALYSIS <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>TCL VOCs</th> <th>TCL SVOCs</th> <th>TAL Metals</th> <th>TCL PCBs</th> <th>TCL PEST</th> </tr> <tr> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> </table>		TCL VOCs	TCL SVOCs	TAL Metals	TCL PCBs	TCL PEST	X	X	X	X	X	Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below) Sample Specific Comments															
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X	X	X	X	X																									
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Container Type	Preservative																												
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Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ 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 D = BOD Bottle Westboro: Certification No: MA935 Mansfield: Certification No: MA015		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Relinquished By:</th> <th>Date/Time</th> <th>Received By:</th> <th>Date/Time</th> </tr> <tr> <td><u>Daniel Fischer AAI</u></td> <td><u>10-1-15 17:30</u></td> <td><u>Daniel Fischer AAI</u></td> <td><u>10-1-15 17:30</u></td> </tr> <tr> <td><u>Tammy Tabor</u></td> <td><u>10/2/15 0805</u></td> <td><u>Tammy Tabor</u></td> <td><u>10/2/15 0805</u></td> </tr> </table>		Relinquished By:	Date/Time	Received By:	Date/Time	<u>Daniel Fischer AAI</u>	<u>10-1-15 17:30</u>	<u>Daniel Fischer AAI</u>	<u>10-1-15 17:30</u>	<u>Tammy Tabor</u>	<u>10/2/15 0805</u>	<u>Tammy Tabor</u>	<u>10/2/15 0805</u>														
Relinquished By:	Date/Time	Received By:	Date/Time																										
<u>Daniel Fischer AAI</u>	<u>10-1-15 17:30</u>	<u>Daniel Fischer AAI</u>	<u>10-1-15 17:30</u>																										
<u>Tammy Tabor</u>	<u>10/2/15 0805</u>	<u>Tammy Tabor</u>	<u>10/2/15 0805</u>																										



ANALYTICAL REPORT

Lab Number:	L1525300
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:	10/08/15

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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).

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



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

Lab Number: L1525300
Report Date: 10/08/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1525300-01	PD-03B/8-10	SOIL	5-49 46TH AVENUE, LONG ISLAND CITY, NY	10/01/15 14:45	10/01/15
L1525300-02	PD-04B/8-10	SOIL	5-49 46TH AVENUE, LONG ISLAND CITY, NY	10/01/15 14:12	10/01/15

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

Lab Number: L1525300
Report Date: 10/08/15

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.

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

Lab Number: L1525300
Report Date: 10/08/15

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

L1525300-01: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L1525300-01: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (747%); however, the sample was not re-analyzed due to coelution with obvious interferences. A copy of the chromatogram is included as an attachment to this report. The results are not considered to be biased.

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: 10/08/15

ORGANICS

VOLATILES

Project Name: PARAGON PAINT AND VARNISH SITE**Lab Number:** L1525300**Project Number:** 2051.0001Y000**Report Date:** 10/08/15**SAMPLE RESULTS**

Lab ID: L1525300-01 D
Client ID: PD-03B/8-10
Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/08/15 12:36
Analyst: BN
Percent Solids: 68%

Date Collected: 10/01/15 14:45
Date Received: 10/01/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9900	1100	10
1,1-Dichloroethane	ND		ug/kg	1500	85.	10
Chloroform	ND		ug/kg	1500	370	10
Carbon tetrachloride	ND		ug/kg	990	210	10
1,2-Dichloropropane	ND		ug/kg	3500	220	10
Dibromochloromethane	ND		ug/kg	990	150	10
1,1,2-Trichloroethane	ND		ug/kg	1500	300	10
Tetrachloroethene	ND		ug/kg	990	140	10
Chlorobenzene	ND		ug/kg	990	340	10
Trichlorofluoromethane	ND		ug/kg	4900	380	10
1,2-Dichloroethane	ND		ug/kg	990	110	10
1,1,1-Trichloroethane	ND		ug/kg	990	110	10
Bromodichloromethane	ND		ug/kg	990	170	10
trans-1,3-Dichloropropene	ND		ug/kg	990	120	10
cis-1,3-Dichloropropene	ND		ug/kg	990	120	10
Bromoform	ND		ug/kg	4000	230	10
1,1,2,2-Tetrachloroethane	ND		ug/kg	990	100	10
Benzene	ND		ug/kg	990	120	10
Toluene	ND		ug/kg	1500	190	10
Ethylbenzene	ND		ug/kg	990	130	10
Chloromethane	ND		ug/kg	4900	290	10
Bromomethane	ND		ug/kg	2000	330	10
Vinyl chloride	ND		ug/kg	2000	120	10
Chloroethane	ND		ug/kg	2000	310	10
1,1-Dichloroethene	ND		ug/kg	990	260	10
trans-1,2-Dichloroethene	ND		ug/kg	1500	210	10
Trichloroethene	ND		ug/kg	990	120	10
1,2-Dichlorobenzene	ND		ug/kg	4900	150	10
1,3-Dichlorobenzene	ND		ug/kg	4900	130	10
1,4-Dichlorobenzene	ND		ug/kg	4900	140	10

Project Name: PARAGON PAINT AND VARNISH SITE**Lab Number:** L1525300**Project Number:** 2051.0001Y000**Report Date:** 10/08/15**SAMPLE RESULTS**

Lab ID: L1525300-01 D
 Client ID: PD-03B/8-10
 Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY

Date Collected: 10/01/15 14:45
 Date Received: 10/01/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2000	84.	10
p/m-Xylene	ND		ug/kg	2000	200	10
o-Xylene	ND		ug/kg	2000	170	10
Xylenes, Total	ND		ug/kg	2000	170	10
cis-1,2-Dichloroethene	ND		ug/kg	990	140	10
Styrene	ND		ug/kg	2000	400	10
Dichlorodifluoromethane	ND		ug/kg	9900	190	10
Acetone	ND		ug/kg	9900	1000	10
Carbon disulfide	ND		ug/kg	9900	1100	10
2-Butanone	ND		ug/kg	9900	270	10
4-Methyl-2-pentanone	ND		ug/kg	9900	240	10
2-Hexanone	ND		ug/kg	9900	660	10
Bromochloromethane	ND		ug/kg	4900	270	10
1,2-Dibromoethane	ND		ug/kg	4000	170	10
sec-Butylbenzene	ND		ug/kg	990	120	10
tert-Butylbenzene	ND		ug/kg	4900	130	10
1,2-Dibromo-3-chloropropane	ND		ug/kg	4900	390	10
Isopropylbenzene	ND		ug/kg	990	100	10
n-Propylbenzene	ND		ug/kg	990	110	10
1,2,3-Trichlorobenzene	ND		ug/kg	4900	150	10
1,2,4-Trichlorobenzene	ND		ug/kg	4900	180	10
1,3,5-Trimethylbenzene	ND		ug/kg	4900	140	10
1,4-Dioxane	ND		ug/kg	99000	14000	10
Freon-113	ND		ug/kg	20000	270	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	747	Q	70-130
Dibromofluoromethane	99		70-130

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

Lab Number: L1525300
Report Date: 10/08/15

SAMPLE RESULTS

Lab ID: L1525300-02
Client ID: PD-04B/8-10
Sample Location: 5-49 46TH AVENUE, LONG ISLAND CITY, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/08/15 13:08
Analyst: BN
Percent Solids: 38%

Date Collected: 10/01/15 14:12
Date Received: 10/01/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	3200	350	1
1,1-Dichloroethane	ND		ug/kg	480	28.	1
Chloroform	ND		ug/kg	480	120	1
Carbon tetrachloride	ND		ug/kg	320	67.	1
1,2-Dichloropropane	ND		ug/kg	1100	73.	1
Dibromochloromethane	ND		ug/kg	320	49.	1
1,1,2-Trichloroethane	ND		ug/kg	480	98.	1
Tetrachloroethene	ND		ug/kg	320	45.	1
Chlorobenzene	ND		ug/kg	320	110	1
Trichlorofluoromethane	ND		ug/kg	1600	120	1
1,2-Dichloroethane	ND		ug/kg	320	36.	1
1,1,1-Trichloroethane	ND		ug/kg	320	36.	1
Bromodichloromethane	ND		ug/kg	320	56.	1
trans-1,3-Dichloropropene	ND		ug/kg	320	39.	1
cis-1,3-Dichloropropene	ND		ug/kg	320	38.	1
Bromoform	ND		ug/kg	1300	76.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	320	32.	1
Benzene	200	J	ug/kg	320	38.	1
Toluene	66	J	ug/kg	480	62.	1
Ethylbenzene	470		ug/kg	320	41.	1
Chloromethane	ND		ug/kg	1600	94.	1
Bromomethane	ND		ug/kg	640	110	1
Vinyl chloride	ND		ug/kg	640	38.	1
Chloroethane	ND		ug/kg	640	100	1
1,1-Dichloroethene	ND		ug/kg	320	84.	1
trans-1,2-Dichloroethene	ND		ug/kg	480	68.	1
Trichloroethene	ND		ug/kg	320	40.	1
1,2-Dichlorobenzene	ND		ug/kg	1600	49.	1
1,3-Dichlorobenzene	ND		ug/kg	1600	43.	1
1,4-Dichlorobenzene	ND		ug/kg	1600	44.	1

Project Name: PARAGON PAINT AND VARNISH SITE**Lab Number:** L1525300**Project Number:** 2051.0001Y000**Report Date:** 10/08/15**SAMPLE RESULTS****Lab ID:** L1525300-02**Date Collected:** 10/01/15 14:12**Client ID:** PD-04B/8-10**Date Received:** 10/01/15**Sample Location:** 5-49 46TH AVENUE, LONG ISLAND CITY, NY**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	640	27.	1
p/m-Xylene	4500		ug/kg	640	64.	1
o-Xylene	2100		ug/kg	640	55.	1
Xylenes, Total	6600		ug/kg	640	55.	1
cis-1,2-Dichloroethene	ND		ug/kg	320	46.	1
Styrene	ND		ug/kg	640	130	1
Dichlorodifluoromethane	ND		ug/kg	3200	61.	1
Acetone	ND		ug/kg	3200	330	1
Carbon disulfide	ND		ug/kg	3200	350	1
2-Butanone	ND		ug/kg	3200	87.	1
4-Methyl-2-pentanone	ND		ug/kg	3200	78.	1
2-Hexanone	ND		ug/kg	3200	210	1
Bromochloromethane	ND		ug/kg	1600	89.	1
1,2-Dibromoethane	ND		ug/kg	1300	56.	1
sec-Butylbenzene	ND		ug/kg	320	39.	1
tert-Butylbenzene	ND		ug/kg	1600	44.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	1600	130	1
Isopropylbenzene	730		ug/kg	320	33.	1
n-Propylbenzene	650		ug/kg	320	35.	1
1,2,3-Trichlorobenzene	ND		ug/kg	1600	47.	1
1,2,4-Trichlorobenzene	ND		ug/kg	1600	58.	1
1,3,5-Trimethylbenzene	1600		ug/kg	1600	46.	1
1,4-Dioxane	ND		ug/kg	32000	4600	1
Freon-113	ND		ug/kg	6400	88.	1

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

Project Name: PARAGON PAINT AND VARNISH SITE

Lab Number: L1525300

Project Number: 2051.0001Y000

Report Date: 10/08/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/08/15 09:49
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02 Batch: WG829061-3					
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: L1525300

Project Number: 2051.0001Y000

Report Date: 10/08/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/08/15 09:49
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02 Batch: WG829061-3					
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:** L1525300**Project Number:** 2051.0001Y000**Report Date:** 10/08/15**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 10/08/15 09:49

Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02 Batch: WG829061-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	102		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: PARAGON PAINT AND VARNISH SITE

Lab Number: L1525300

Project Number: 2051.0001Y000

Report Date: 10/08/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG829061-1 WG829061-2								
Methylene chloride	102		104		70-130	2		30
1,1-Dichloroethane	104		105		70-130	1		30
Chloroform	104		105		70-130	1		30
Carbon tetrachloride	106		108		70-130	2		30
1,2-Dichloropropane	104		106		70-130	2		30
Dibromochloromethane	94		104		70-130	10		30
2-Chloroethylvinyl ether	259	Q	281	Q	70-130	8		30
1,1,2-Trichloroethane	94		103		70-130	9		30
Tetrachloroethene	95		104		70-130	9		30
Chlorobenzene	101		103		70-130	2		30
Trichlorofluoromethane	106		110		70-139	4		30
1,2-Dichloroethane	103		106		70-130	3		30
1,1,1-Trichloroethane	105		106		70-130	1		30
Bromodichloromethane	101		105		70-130	4		30
trans-1,3-Dichloropropene	94		105		70-130	11		30
cis-1,3-Dichloropropene	101		104		70-130	3		30
1,1-Dichloropropene	105		106		70-130	1		30
Bromoform	95		104		70-130	9		30
1,1,2,2-Tetrachloroethane	100		106		70-130	6		30
Benzene	100		101		70-130	1		30
Toluene	92		100		70-130	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PARAGON PAINT AND VARNISH SITE

Project Number: 2051.0001Y000

Lab Number: L1525300

Report Date: 10/08/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG829061-1 WG829061-2								
Ethylbenzene	104		104		70-130	0		30
Chloromethane	114		110		52-130	4		30
Bromomethane	90		93		57-147	3		30
Vinyl chloride	83		82		67-130	1		30
Chloroethane	114		112		50-151	2		30
1,1-Dichloroethene	106		104		65-135	2		30
trans-1,2-Dichloroethene	100		99		70-130	1		30
Trichloroethene	102		104		70-130	2		30
1,2-Dichlorobenzene	99		110		70-130	11		30
1,3-Dichlorobenzene	99		104		70-130	5		30
1,4-Dichlorobenzene	106		104		70-130	2		30
Methyl tert butyl ether	101		105		66-130	4		30
p/m-Xylene	106		105		70-130	1		30
o-Xylene	107		105		70-130	2		30
cis-1,2-Dichloroethene	102		103		70-130	1		30
Dibromomethane	100		103		70-130	3		30
Styrene	110		106		70-130	4		30
Dichlorodifluoromethane	65		66		30-146	2		30
Acetone	123		133		54-140	8		30
Carbon disulfide	98		92		59-130	6		30
2-Butanone	118		130		70-130	10		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: PARAGON PAINT AND VARNISH SITE

Project Number: 2051.0001Y000

Lab Number: L1525300

Report Date: 10/08/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG829061-1 WG829061-2								
Vinyl acetate	115		119		70-130	3		30
4-Methyl-2-pentanone	103		110		70-130	7		30
1,2,3-Trichloropropane	105		110		68-130	5		30
2-Hexanone	118		120		70-130	2		30
Bromochloromethane	100		100		70-130	0		30
2,2-Dichloropropane	104		104		70-130	0		30
1,2-Dibromoethane	93		104		70-130	11		30
1,3-Dichloropropane	94		105		69-130	11		30
1,1,1,2-Tetrachloroethane	102		104		70-130	2		30
Bromobenzene	97		101		70-130	4		30
n-Butylbenzene	103		110		70-130	7		30
sec-Butylbenzene	104		107		70-130	3		30
tert-Butylbenzene	101		106		70-130	5		30
o-Chlorotoluene	99		103		70-130	4		30
p-Chlorotoluene	101		103		70-130	2		30
1,2-Dibromo-3-chloropropane	102		123		68-130	19		30
Hexachlorobutadiene	106		114		67-130	7		30
Isopropylbenzene	107		106		70-130	1		30
p-Isopropyltoluene	102		107		70-130	5		30
Naphthalene	107		126		70-130	16		30
Acrylonitrile	107		113		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PARAGON PAINT AND VARNISH SITE

Project Number: 2051.0001Y000

Lab Number: L1525300

Report Date: 10/08/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG829061-1 WG829061-2								
Isopropyl Ether	108		110		66-130	2		30
tert-Butyl Alcohol	105		116		70-130	10		30
n-Propylbenzene	102		106		70-130	4		30
1,2,3-Trichlorobenzene	108		121		70-130	11		30
1,2,4-Trichlorobenzene	110		116		70-130	5		30
1,3,5-Trimethylbenzene	100		103		70-130	3		30
1,2,4-Trimethylbenzene	100		104		70-130	4		30
Methyl Acetate	109		114		51-146	4		30
Ethyl Acetate	107		109		70-130	2		30
Acrolein	103		108		70-130	5		30
Cyclohexane	111		111		59-142	0		30
1,4-Dioxane	109		125		65-136	14		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	113		107		50-139	5		30
p-Diethylbenzene	118		110		70-130	7		30
p-Ethyltoluene	115		106		70-130	8		30
1,2,4,5-Tetramethylbenzene	126		119		70-130	6		30
Tetrahydrofuran	103		111		66-130	7		30
Ethyl ether	121		122		67-130	1		30
trans-1,4-Dichloro-2-butene	104		110		70-130	6		30
Methyl cyclohexane	109		110		70-130	1		30
Ethyl-Tert-Butyl-Ether	106		108		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PARAGON PAINT AND VARNISH SITE

Lab Number: L1525300

Project Number: 2051.0001Y000

Report Date: 10/08/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG829061-1 WG829061-2								
Tertiary-Amyl Methyl Ether	101		105		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		104		70-130
Toluene-d8	91		100		70-130
4-Bromofluorobenzene	97		100		70-130
Dibromofluoromethane	99		100		70-130

INORGANICS & MISCELLANEOUS

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

Lab Number: L1525300
Report Date: 10/08/15

SAMPLE RESULTS

Lab ID: L1525300-01
Client ID: PD-03B/8-10
Sample Location: 5-49 46TH AVENUE, LONG ISLAND
Matrix: Soil

Date Collected: 10/01/15 14:45
Date Received: 10/01/15
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	67.8		%	0.100	NA	1	-	10/07/15 16:48	30,2540G	RI



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

Lab Number: L1525300
Report Date: 10/08/15

SAMPLE RESULTS

Lab ID: L1525300-02
Client ID: PD-04B/8-10
Sample Location: 5-49 46TH AVENUE, LONG ISLAND
Matrix: Soil

Date Collected: 10/01/15 14:12
Date Received: 10/01/15
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	38.4		%	0.100	NA	1	-	10/07/15 16:48	30,2540G	RI



Project Name: PARAGON PAINT AND VARNISH SITE**Project Number:** 2051.0001Y000**Lab Duplicate Analysis****Batch Quality Control****Lab Number:** L1525300**Report Date:** 10/08/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG828748-1 QC Sample: L1525300-01 Client ID: PD-03B/8-10						
Solids, Total	67.8	65.1	%	4		20

Project Name: PARAGON PAINT AND VARNISH SITE**Project Number:** 2051.0001Y000**Lab Number:** L1525300**Report Date:** 10/08/15**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Reagent H2O Preserved Vials Frozen on: 10/02/2015 04:18**Cooler Information Custody Seal****Cooler**

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1525300-01A	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(2)
L1525300-01B	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(2)
L1525300-01C	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(2)
L1525300-01D	Plastic 2oz unpreserved for TS	A	N/A	4.6	Y	Absent	TS(7)
L1525300-01X	Vial MeOH preserved split	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(14)
L1525300-01Y	Vial Water preserved split	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(14)
L1525300-01Z	Vial Water preserved split	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(14)
L1525300-02A	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(2)
L1525300-02B	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(2)
L1525300-02C	5 gram Encore Sampler	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(2)
L1525300-02D	Plastic 2oz unpreserved for TS	A	N/A	4.6	Y	Absent	TS(7)
L1525300-02X	Vial MeOH preserved split	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(14)
L1525300-02Y	Vial Water preserved split	A	N/A	4.6	Y	Absent	NYTCL-8260HLW(14)
L1525300-02Z	Vial Water preserved split	A	N/A	4.6	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: L1525300
Report Date: 10/08/15

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.

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).
- C** - 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: L1525300
Report Date: 10/08/15

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.

Report Format: DU Report with 'J' Qualifiers



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

Lab Number: L1525300
Report Date: 10/08/15

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

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, NO₂, NO₃.

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.

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.**

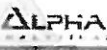
EPA 624: Volatile Halocarbons & Aromatics,

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.**

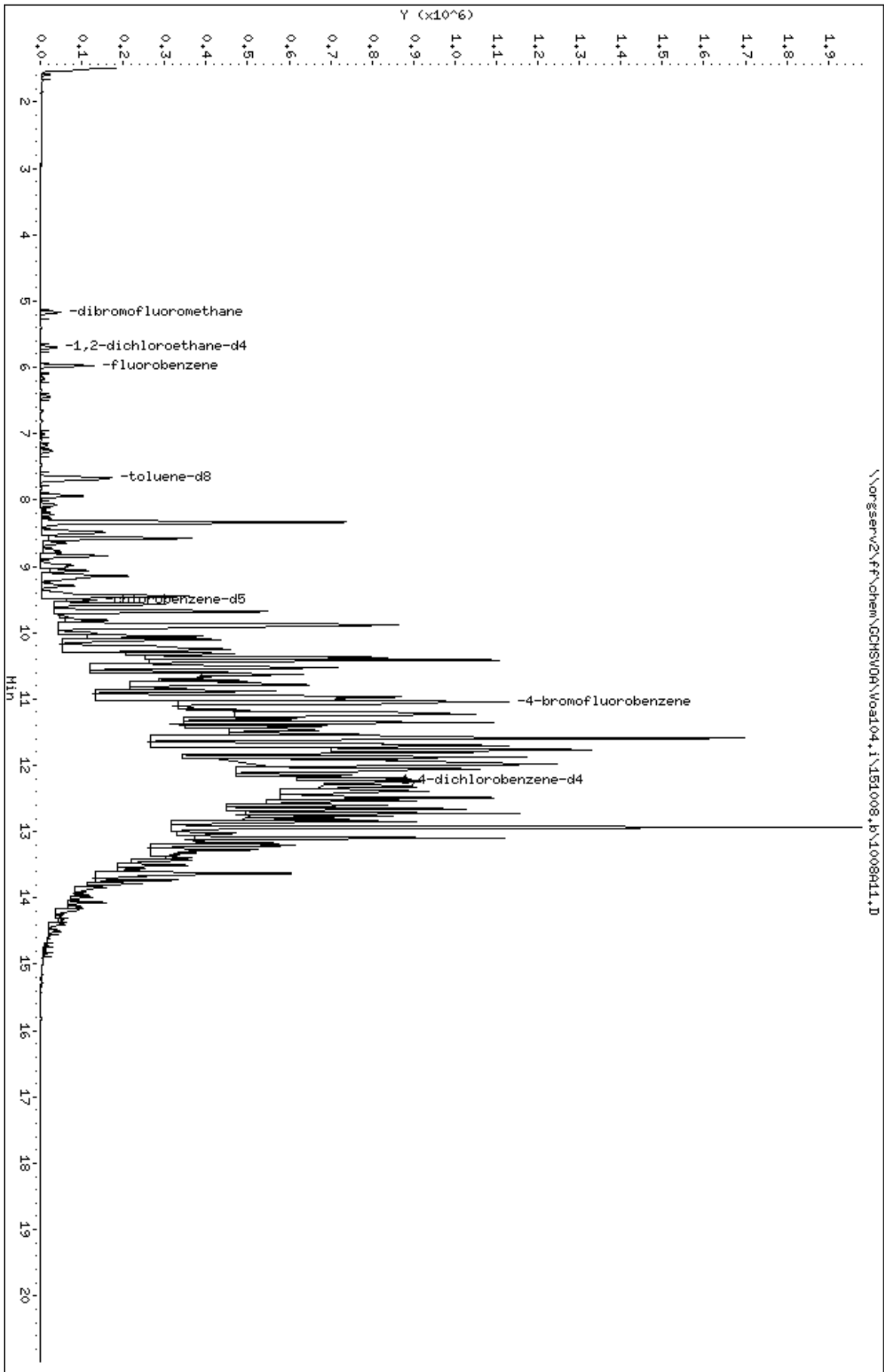
For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 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 12206: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 106		Page <u>1</u> of <u>2</u>		Date Rec'd In Lab <u>10/2/15</u>		ALPHA Job # <u>41504771</u>	
		Project Information 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 #) ☐		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQUIS (1 File) ☐ EQUIS (4 File) ☐ Other		Billing Information ☒ Same as Client Info PO#			
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		Project Manager: Roux: Richard Maxwell / Alpha: Karyn Raymond ALPHAQuote #: Turn-Around Time Standard ☐ Due Date: <u>3</u> Rush (only if pre approved) ☒ # of Days:		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:			
Other project specific requirements/comments:						ANALYSIS TCL VOCs ☒ TCL SVOCs ☒ TAL Metals ☒ TCL PCBs ☒ TCL PEST ☒		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)	
Please specify Metals or TAL.								Sample Specific Comments	
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials	
24771-11		FB100115		10/1/2015 17:10		FB		RRH	
24771-12		TB100115		10/1/2015 --		TB		RRH	
24771-13		DUP100115		10/1/2015 11:59		S		RRH	
24771-14		PD-03/8-10		10/1/2015 11:10		S		RRH	
24771-15		PD-03/12-14		10/1/2015 11:13		S		RRH	
24771-16		PD-06/8-10		10/1/2015 08:50		S		RRH	
24771-17		PD-02/10-12		10/1/2015 17:30		S		RRH	
24771-18		PD-05B/8-10		10/1/2015 5:45		S		RRH	
24771-19		PD-04/8-10		10/1/2015 10:35		S		RRH	
25300-01		PD-03B/8-10		10/1/2015 14:45		S		RRH	
24771-20		PD-05B/10-12		10/1/2015 15:47		S		RRH	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ 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 <u>E</u>		Preservative <u>A</u>	
Relinquished By: <u>[Signature]</u>		Date/Time: <u>10-1-15 17:30</u>		Received By: <u>Daniel Fischer AAL</u>		Date/Time: <u>10-1-15 17:30</u>		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.	
<u>Daniel Fischer AAL</u>		<u>10/1/15 17:30</u>		<u>[Signature]</u>		<u>10-1-15 1930</u>			
<u>[Signature]</u>		<u>10/2/15 0805</u>		<u>[Signature]</u>		<u>10/2/15 0205</u>			

253

Data File: \\norserv2\ff\chem\GCHSV04\Woa104.i\151008.b\1008d1.D
Date : 08-OCT-2015 12:36
Client ID:
Sample Info: 11525300-01D,31H,5,4,9,0,010,,x
Volume Injected (uL): 0.1
Column phase: Rtx-502.2

Instrument: Woa104.i
Operator: jo
Column diameter: 0.18





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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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).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - 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
Report Date: 10/05/15

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.

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
Volatile Organics by GC/MS - Westborough Lab						
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:** L1524605-01**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
Volatile Organics by GC/MS - Westborough Lab						
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**Lab Number:** L1524605**Project Number:** 2051.0001Y000**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
Volatile Organics by GC/MS - Westborough Lab						
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
Volatile Organics by GC/MS - Westborough Lab						
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
Volatile Organics by 8260/5035 - Westborough Lab						
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
Volatile Organics by 8260/5035 - Westborough Lab						
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**Lab Number:** L1524605**Project Number:** 2051.0001Y000**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
Volatile Organics by 8260/5035 - Westborough Lab						
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**Lab Number:** L1524605**Project Number:** 2051.0001Y000**Report Date:** 10/05/15**SAMPLE RESULTS****Lab ID:** L1524605-04**Date Collected:** 09/30/15 15:05**Client ID:** SC-02/3-5**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
Volatile Organics by 8260/5035 - Westborough Lab						
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
Volatile Organics by 8260/5035 - Westborough Lab						
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
 Client ID: PD-07/2-4
 Sample Location: 5-49 6TH AVENUE, LONG ISLAND CITY, NY

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
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**Lab Number:** L1524605**Project Number:** 2051.0001Y000**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
Volatile Organics by 8260/5035 - Westborough Lab						
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**Lab Number:** L1524605**Project Number:** 2051.0001Y000**Report Date:** 10/05/15**SAMPLE RESULTS****Lab ID:** L1524605-06**Date Collected:** 09/30/15 15:43**Client ID:** SC-03/2-3**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
Volatile Organics by 8260/5035 - Westborough Lab						
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**Lab Number:** L1524605**Project Number:** 2051.0001Y000**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
Volatile Organics by 8260/5035 - Westborough Lab						
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**Lab Number:** L1524605**Project Number:** 2051.0001Y000**Report Date:** 10/05/15**SAMPLE RESULTS****Lab ID:** L1524605-09**Date Collected:** 09/30/15 15:47**Client ID:** SC-03/3-5**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
Volatile Organics by 8260/5035 - Westborough Lab						
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
Volatile Organics by 8260/5035 - Westborough Lab						
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
 Client ID: PD-08/12-14
 Sample Location: 5-49 6TH AVENUE, LONG ISLAND CITY, NY

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
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
Volatile Organics by 8260/5035 - Westborough Lab						
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**Lab Number:** L1524605**Project Number:** 2051.0001Y000**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
Volatile Organics by 8260/5035 - Westborough Lab						
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**Lab Number:** L1524605**Project Number:** 2051.0001Y000**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
Volatile Organics by 8260/5035 - Westborough Lab						
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
 Client ID: PD-05/4-6
 Sample Location: 5-49 6TH AVENUE, LONG ISLAND CITY, NY

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
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
Volatile Organics by 8260/5035 - Westborough Lab						
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
 Client ID: PD-07/8-10
 Sample Location: 5-49 6TH AVENUE, LONG ISLAND CITY, NY

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
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**Lab Number:** L1524605**Project Number:** 2051.0001Y000**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
Volatile Organics by 8260/5035 - Westborough Lab						
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**Lab Number:** L1524605**Project Number:** 2051.0001Y000**Report Date:** 10/05/15**SAMPLE RESULTS****Lab ID:** L1524605-14**Date Collected:** 09/30/15 14:50**Client ID:** SC-01/3-5**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
Volatile Organics by 8260/5035 - Westborough Lab						
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

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					
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

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					
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

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					
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

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					
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
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								
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

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								
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

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

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
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 %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								
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**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 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 %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								
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 %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								
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 %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								
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**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 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
Semivolatile Organics by GC/MS - Westborough Lab						
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
Semivolatile Organics by GC/MS - Westborough Lab						
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						
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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
Semivolatile Organics by GC/MS - Westborough Lab						
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

Lab Number: L1524605

Project Number: 2051.0001Y000

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524605-07

Date Collected: 09/30/15 15:30

Client ID: SC-02/2-5

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
Semivolatile Organics by GC/MS - Westborough Lab						
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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Semivolatile 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
Semivolatile Organics by GC/MS - Westborough Lab						
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**Lab Number:** L1524605**Project Number:** 2051.0001Y000**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
Semivolatile Organics by GC/MS - Westborough Lab						
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

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					
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

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					
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

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					
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

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					
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 %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								
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 %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								
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 %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
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
Polychlorinated Biphenyls by GC - Westborough Lab							
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
Polychlorinated Biphenyls by GC - Westborough Lab							
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
Polychlorinated Biphenyls by GC - Westborough Lab							
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

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
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

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: WG826707-2 WG826707-3									
Aroclor 1016	90		104		40-140	15		50	A
Aroclor 1260	78		85		40-140	9		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
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
Organochlorine Pesticides by GC - Westborough Lab							
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
Organochlorine Pesticides by GC - Westborough Lab							
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
Organochlorine Pesticides by GC - Westborough Lab							
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

Lab Number: L1524605

Project Number: 2051.0001Y000

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

Lab Number: L1524605

Project Number: 2051.0001Y000

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
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): 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**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
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 07-08 Batch: WG826691-2 WG826691-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
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	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG826705-2 WG826705-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
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

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 C

Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
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**Lab Number:** L1524605**Project Number:** 2051.0001Y000**Report Date:** 10/05/15**SAMPLE RESULTS**

Lab ID: L1524605-07

Date Collected: 09/30/15 15:30

Client ID: SC-02/2-5

Date Received: 09/30/15

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

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
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

Lab Number: L1524605

Project Number: 2051.0001Y000

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524605-08

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 C

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 68%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
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

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): 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

Lab Number: L1524605

Project Number: 2051.0001Y000

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**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					
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

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
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

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									
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

Project Name: PARAGON PAINT AND VARNISH SITE**Project Number:** 2051.0001Y000**Lab Duplicate Analysis****Batch Quality Control****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

Project Name: PARAGON PAINT AND VARNISH SITE

Project Number: 2051.0001Y000

Lab Duplicate Analysis

Batch Quality Control

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

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

Lab Duplicate Analysis
Batch Quality Control

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

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

Lab Duplicate Analysis

Batch Quality Control

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



Project Name: PARAGON PAINT AND VARNISH SITE**Project Number:** 2051.0001Y000**Lab Duplicate Analysis****Batch Quality Control****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



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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.

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).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

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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.

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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

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, NO₂, NO₃.

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.

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.**

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

