LABELLA Associates, D.P.C.
Engineering
Architecture
Environmental
Planning

300 State Street, Suite 201 | Rochester, NY 14614 | p 585.454.6110 | f 585.454.3066 | www.labellapc.com

October 9, 2015

Frank Sowers, P.E.
NYS Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Re: August and September 2015 Monthly Progress Report
690 Saint Paul Street, Rochester, New York
NYSDEC BCP Site #C828159
LaBella Project No. 209280

Dear Mr. Sowers:

LaBella Associates, D.P.C. ("LaBella") is pleased to submit this Monthly Progress Report (MPR) associated with the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site (BCP ID No. C828159) located at 690 Saint Paul Street, Rochester, New York, hereinafter referred to as the "Site." This MPR discusses activities completed in the months of August and September 2015, as well as activities planned for this month (October 2015).

August 2015 Activities

The following tasks were completed for the project during the month of August 2015:

- Implementation of Remedial Design Work Plan (RDWP) for AOC #1 continued in August 2015. As of the date of this MPR, all of the treatment wells, monitoring wells, and extraction wells specified in the RDWP (17 in all) have been installed. Development of the wells is underway. Several soil and rock core samples have been collected for screening purposes and submitted for laboratory analysis. These include the following samples. Laboratory data associated with these samples and received to date is attached to this MPR. It should be noted that these samples were collected for screening purposes and thus have not been validated. A data summary table is also attached to this MPR.
    - Soil sample ("TW-4 7´-8´") collected from an interior treatment well ("TW-4");
    - Gravelly silt samples ("TW-7 8.7'" and "TW-7 14'") collected from rock fractures associated with exterior treatment well ("TW-07");
    - Gravelly silt sample ("TW-11 9.3'") collected from an interior treatment well ("TW-11");
    - Samples of soil, ("TW-12 5.1'") rock core ("TW-12 5.2'-5.9'" and "TW-12 9.5'-9.8'") and gravelly silt ("TW-12 9.5'") collected from rock fractures associated with an interior treatment well ("TW-12"); and,
    - Samples of gravelly silt ("BW-20 7.6'" and "BW-20 9.5'") collected from rock fractures associated with an interior monitoring well ("BW-20").
- In addition to the soil and rock core samples noted above, groundwater samples were collected from AOC #1 for screening purposes from TW-1 (the southern-most treatment well) and TW-4 in August 2015. Preliminary laboratory reports from these sampling events are attached to this MPR. A data summary table is also attached to this MPR.
- Bedrock samples were also collected from interior extraction wells ("EW-1A" and "EW-2") in

August 2015; however, due to a long analysis process (methanol extraction over several weeks), data associated with these samples has not yet been received from the laboratory.

- Sampling of passive diffusion bags (PDBs) deployed in June 2015 in AOC #8 in BW-08, MW-7A, MW-12, and MW-13 were retrieved and samples were submitted for laboratory analysis. New PDBs were installed in these wells at the time of sampling. The preliminary laboratory report from this sampling event is attached to this MPR.

September 2015 Activities

- Well installation activities concluded in early September in AOC #1. Field activities at the Site in September were limited to development of the recently installed AOC #1 wells and discharge of approximately 1,000-gallons of development water in accordance with a Monroe County Pure Waters (MCPW) short-term discharge permit. Attached Table 3 shows the status of well development in AOC #1.
- The RDWP for AOC #6 was submitted to the NYSDEC and NYSDOH for review.
- A modification letter for the AOC #8 RDWP was submitted to the NYSDEC and NYSDOH for review. Following comments received from the NYSDEC on September 29, 2015, the letter was resubmitted on October 5, 2015.

Activities Planned for This Month

The following work is planned for October 2015:

- Continued development of the wells recently installed in AOC #1.
- Commencement of excavation and construction activities associated with the groundwater extraction system in AOC #1.
- The modification letter associated with the RDWP for AOC #8 was approved by the NYSDEC on October 6, 2015. As such, October 2015 activities are anticipated to include the continued implementation of RDWP for AOC #8. Specifically, the sodium permanganate solution will be gravity-fed into the existing horizontal infrastructure and quarterly indoor air sampling within the occupied portion of Building 22 will begin. A project schedule is summarized in the table below:

Task	**Estimated Date**
Notification to NYSDEC	10/9/15
Mobilization of Equipment to Site and Set-Up	10/16/2015
Initiate Injection Work	10/19/2015
Injection work, dispersion monitoring, etc.	On-going
1st Quarterly Indoor Air Sampling Event	Week of 10/19/2015
Groundwater Sampling Event	1 week after permanganate found in all wells
1st Groundwater Sampling Event	3 months after permanganate found in all wells

Approved Activity Modifications (changes of work scope and/or schedule)

No activity modifications were made in the months of August or September 2015. As previously noted, a modification to the RDWP for AOC #8 was approved by the NYSDEC on October 6, 2015.

Sampling/Testing Results

Several soil, rock core and groundwater samples have been collected for screening purposes and submitted for laboratory analysis, as previously noted. Laboratory data associated with these samples and received to date is attached to this MPR.

Unresolved Delays Encountered or Anticipated

There are currently no unresolved delays associated with the Remedial Investigation.

Percentage of Completion

To date, all well installation activities associated with the RIWP have been completed.

Activities Undertaken in Support of the Citizen Participation Plan

There were no activities undertaken in support of the Citizen Participation Plan in the months of August or September 2015.

If you have any questions, or require additional information, please do not hesitate to contact me at (585) 295-6611.

Sincerely,

LABELLA ASSOCIATES, D.P.C.

Daniel P. Noll, P.E.
Project Manager

DPN/krm

cc: Dante Gullace – GVRE
Chris Gullace – GVRE
James Mahoney – NYSDEC (e-copy only)
Bridget Boyd – NYSDOH (e-copy only)
Suzanne Wheatcraft – RCSD
John Frazer – MCDOH
Frank Chiappone – B&L

Table 1
AOC #1 - Remedy Implementation Screening-Level Data
Detected Volatile Organic Compounds (VOCs) in Soil and Bedrock Samples
C828159 - 690 Saint Paul Street, Rochester, NY

Client Sample ID	NY Table 375 6-8A Unrestricted Use SCOs	NY Table 375 6-8b Restricted Use Restricted Residential SCOs	NY Table 375 6-8b Restricted Use Commercial SCOs	TW-4		TW-7		TW-7		TW-11		TW-12		TW-12		TW-12		TW-12		TW-12		BW-20		BW-20	
Sample Depth				7' - 8'		8.7'		14'		9.3'		5.1'		5.2' - 5.9'		9.5'		9.5' - 9.8'		13.4' - 13.75'		7.6'		9.5'	
Sample Media				Soil		Gravelly Silt		Gravelly Silt		Gravelly Silt		Soil		Rock		Gravelly Silt		Rock		Rock		Gravelly Silt		Gravelly Silt	
Date Collected				8/6/2015		7/22/2015		7/22/2015		8/6/2015		8/12/2015		8/12/2015		8/12/2015		8/12/2015		8/12/2015		8/18/2015		8/18/2015	
Analyte				Result	Units	Result	Units	Result	Units	Result	Units	Result	Units	Result	Units	Result	Units	Result	Units	Result	Units	Result	Units	Result	Units
Acetone	0.05	100	500	**0.0881**	mg/kg	<9.470	mg/kg	**0.0781**	mg/kg	<8.730	mg/kg	<0.250	mg/kg	<0.290	mg/kg	<2.5	mg/kg	<0.950	mg/kg	<0.290	mg/kg	<0.291	mg/kg	<0.272	mg/kg
cis-1,2-Dichloroethene	0.25	100	500	**0.335**	mg/kg	<1.890	mg/kg	<0.00859	mg/kg	**3.93**	mg/kg	**0.51**	mg/kg	**0.68**	mg/kg	**1.2**	mg/kg	**1.9**	mg/kg	**0.95**	mg/kg	0.0782	mg/kg	0.145	mg/kg
Chloroform	0.37	49	350	<0.0102	mg/kg	<1.890	mg/kg	<0.00859	mg/kg	<1.750	mg/kg	<0.040	mg/kg	<0.046	mg/kg	<0.390	mg/kg	<0.150	mg/kg	<0.046	mg/kg	<0.0261	mg/kg	<0.0272	mg/kg
Methylene Chloride	0.05	100	500	<0.0256	mg/kg	<4.740	mg/kg	<0.0215	mg/kg	<4.370	mg/kg	<0.094	mg/kg	<0.110	mg/kg	**1.8**	mg/kg	<0.360	mg/kg	<0.110	mg/kg	<0.0261	mg/kg	<0.0272	mg/kg
Tetrachloroethene	1.3	19	150	<0.0102	mg/kg	<1.890	mg/kg	<0.00859	mg/kg	<1.750	mg/kg	0.042	mg/kg	<0.034	mg/kg	<0.290	mg/kg	<0.110	mg/kg	<0.034	mg/kg	<0.00522	mg/kg	0.0178	mg/kg
Toluene	0.7	100	500	<0.0102	mg/kg	<1.890	mg/kg	<0.00859	mg/kg	<1.750	mg/kg	0.019	mg/kg	0.019	mg/kg	0.13	mg/kg	0.042	mg/kg	0.015	mg/kg	<0.0261	mg/kg	<0.0272	mg/kg
Trichloroethene	0.47	21	200	0.432	mg/kg	**50.9**	mg/kg	0.0175	mg/kg	**136**	mg/kg	**7.4**	mg/kg	**6.5**	mg/kg	**43**	mg/kg	**34**	mg/kg	0.059	mg/kg	**1.58**	mg/kg	**7.61**	mg/kg
Vinyl Chloride	0.02	0.9	13	**0.029**	mg/kg	<1.890	mg/kg	<0.00859	mg/kg	<1.750	mg/kg	<0.019	mg/kg	<0.022	mg/kg	<0.190	mg/kg	<0.072	mg/kg	**0.047**	mg/kg	<0.00522	mg/kg	0.00544	mg/kg

Notes:
VOC analysis by United States Environmental Protection Agency (USEPA) Method SW846 8260B.
"<" indicates that the compound was analyzed for, but not detected at or above the method detection limit.
All values displayed in PPM; PPM = Parts Per Million = mg/kg or mg/L
Gravelly Silt samples were collected from between bedrock fractures.
Bold values indicate exceedance of the NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives for the Protection of Public Health: Unrestricted Use.
Highlighted values indicate exceedance of the NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives for the Protection of Public Health: Restricted Residential Use.
Underlined values indicate exceedence of NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives for the Protection of Public Health: Commercial Use.

Table 2
AOC #1 - Remedy Implementation Screening-Level Data
Detected Volatile Organic Compounds (VOCs) in Groundwater Samples
C828159 - 690 Saint Paul Street, Rochester, NY

Client Sample ID	NYCRR Part 703 Groundwater Standard	TW-1		TW-4	
Sample Depth		15' - 25'		4.3' - 4.7'	
Sample Media		Groundwater		Groundwater	
Date Collected		8/6/2015		8/6/2015	
Analyte		Result	Units	Result	Units
cis-1,2-Dichloroethene	0.005	0.863	mg/kg	0.0474	mg/kg
Tetrachloroethene	0.005	<0.200	mg/kg	<0.002	mg/kg
Trichloroethene	0.005	1.12	mg/kg	0.0544	mg/kg
Vinyl Chloride	0.002	0.242	mg/kg	0.0171	mg/kg

Notes:
VOC analysis by United States Environmental Protection Agency (USEPA) Method SW846 8260B.
"<" indicates that the compound was analyzed for, but not detected at or above the method detection limit.
All values displayed in PPM; PPM = Parts Per Million = mg/kg or mg/L
Highlighted values indicate exceedance of the NYCRR Part 703 Groundwater Standards.

Table 3

690 St. Paul Street, Rochester, New York
Remedial Measures - NYSDEC BCP Site #C828159 - AOC 1
Well Installations and Development - Summer/Fall 2015

Development Status:

Wells Complete: 5
Wells Remaining: 12

Well Boring and Development Data

Well ID:	Total Depth (ft):	Measured Depth (ft)	Depth to BR (ft):	Casing Depth (ft):	Water Lost (± gal):	Well Notes		Static Water Level (ft below casing):	Well Volume (gal):	Total Development Needed (Lost + Well Vol (x10)):	Purged Volume (Gal):	Remaining Development Needed (gal)	Date Completed
Treatment Wells - 8" (2.61 gal/ft)													
TW-1	25.0	23.20	13.0	15.0	100	Exterior Wells, Alley		16.50	22	300	300+	0	5-Aug
TW-2	25.5	21.40	12.8	15.0	80			14.30	29	372	128	244	
TW-3A	26.0	24.95	16.0	16.7	80	Exterior Well, Alley; Driller estimates 50-80 gal lost		13.60	32	404	120	284	
TW-4	20.0	19.25	7.0	8.0	25	Interior Well		7.00	34	364	208	156	
TW-5	20.0	18.15	5.5	6.0	30	Exterior Wells, Sidewalk Entrance; 20 to 30 gal lost, used high estimate		3.80	42	453	85	368	
TW-6	20.0	18.33	5.5	6.0	30			4.00	42	448	90	358	
TW-7	20.0	16.60	5.5	6.0	30			4.00	42	448	65	383	
TW-8	20.0	19.20	3.5	5.5	40	Interior Wells, recharge rates 1-3 ft/hr		12.30	20	241	250	0	28-Sep
TW-9A	20.0	17.20	3.5	6.0	70			6.40	35	425	427	0	29-Sep
TW-10	20.0	19.90	3.5	5.0	125			5.70	37	498	184	314	
TW-11	20.0	19.95	3.5	6.0	60			5.40	38	441	360	81	
TW-12	20.0	19.90	4.3	6.0	40			6.00	37	405	458	0	29-Sep
											Volume Remaining	2188	
Monitoring Wells - 4" (0.65 gal/ft)													
BW-19	21		6.3	10.0	1,200	Exterior Well, St. Paul ROW; constructed with 2-inch PVC well screen		11.20	6.4	1,264	1,270	0	2-Oct
BW-20	20.0	19.90	3.5	5.0	80	Interior Well		7.65	8.0	88	20	68	
											Volume Remaining	68	
Extraction Wells - 6" (1.47 gal/ft)													
EW-1A	25		2.9	5	40	Interior Well							
EW-2	25		2.8	5	40	Interior Well							
EW-3	30.8	30.3	6	9.7	150	Exterior Well, St. Paul ROW		11.2	29	438	105	333	

Additional Notes:
Well Volume (4" well) = 0.65 gal/ft
Well Volume (6" well) = 1.47 gal/ft
Well Volume (8" well) = 2.61 gal/ft

PARADIGM

Analytical Report For

LaBella Associates, P.C.

For Lab Project ID

153067

Referencing

690 St. Paul

Prepared

Wednesday, July 29, 2015

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

Report Prepared Wednesday, July 29, 2015

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153067

Client: **LaBella Associates, P.C.**

Project Reference: 690 St. Paul

Sample Identifier: TW-7 8.7'
Lab Sample ID: 153067-01 **Date Sampled:** 7/22/2015
Matrix: Soil **Date Received:** 7/22/2015

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 1890	ug/Kg		7/29/2015 08:32
1,1,2,2-Tetrachloroethane	< 1890	ug/Kg		7/29/2015 08:32
1,1,2-Trichloroethane	< 1890	ug/Kg		7/29/2015 08:32
1,1-Dichloroethane	< 1890	ug/Kg		7/29/2015 08:32
1,1-Dichloroethene	< 1890	ug/Kg		7/29/2015 08:32
1,2,3-Trichlorobenzene	< 4740	ug/Kg		7/29/2015 08:32
1,2,4-Trichlorobenzene	< 4740	ug/Kg		7/29/2015 08:32
1,2-Dibromo-3-Chloropropane	< 9470	ug/Kg		7/29/2015 08:32
1,2-Dibromoethane	< 1890	ug/Kg		7/29/2015 08:32
1,2-Dichlorobenzene	< 1890	ug/Kg		7/29/2015 08:32
1,2-Dichloroethane	< 1890	ug/Kg		7/29/2015 08:32
1,2-Dichloropropane	< 1890	ug/Kg		7/29/2015 08:32
1,3-Dichlorobenzene	< 1890	ug/Kg		7/29/2015 08:32
1,4-Dichlorobenzene	< 1890	ug/Kg		7/29/2015 08:32
1,4-dioxane	< 18900	ug/Kg		7/29/2015 08:32
2-Butanone	< 9470	ug/Kg		7/29/2015 08:32
2-Hexanone	< 4740	ug/Kg		7/29/2015 08:32
4-Methyl-2-pentanone	< 4740	ug/Kg		7/29/2015 08:32
Acetone	< 9470	ug/Kg		7/29/2015 08:32
Benzene	< 1890	ug/Kg		7/29/2015 08:32
Bromochloromethane	< 4740	ug/Kg		7/29/2015 08:32
Bromodichloromethane	< 1890	ug/Kg		7/29/2015 08:32
Bromoform	< 4740	ug/Kg		7/29/2015 08:32
Bromomethane	< 1890	ug/Kg		7/29/2015 08:32
Carbon disulfide	< 1890	ug/Kg		7/29/2015 08:32
Carbon Tetrachloride	< 1890	ug/Kg		7/29/2015 08:32
Chlorobenzene	< 1890	ug/Kg		7/29/2015 08:32
Chloroethane	< 1890	ug/Kg		7/29/2015 08:32
Chloroform	< 1890	ug/Kg		7/29/2015 08:32

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153067

Client: **LaBella Associates, P.C.**

Project Reference: 690 St. Paul

Sample Identifier: TW-7 8.7'
Lab Sample ID: 153067-01 **Date Sampled:** 7/22/2015
Matrix: Soil **Date Received:** 7/22/2015

Chloromethane	< 1890	ug/Kg	7/29/2015	08:32
cis-1,2-Dichloroethene	< 1890	ug/Kg	7/29/2015	08:32
cis-1,3-Dichloropropene	< 1890	ug/Kg	7/29/2015	08:32
Cyclohexane	< 9470	ug/Kg	7/29/2015	08:32
Dibromochloromethane	< 1890	ug/Kg	7/29/2015	08:32
Dichlorodifluoromethane	< 1890	ug/Kg	7/29/2015	08:32
Ethylbenzene	< 1890	ug/Kg	7/29/2015	08:32
Freon 113	< 1890	ug/Kg	7/29/2015	08:32
Isopropylbenzene	< 1890	ug/Kg	7/29/2015	08:32
m,p-Xylene	< 1890	ug/Kg	7/29/2015	08:32
Methyl acetate	< 1890	ug/Kg	7/29/2015	08:32
Methyl tert-butyl Ether	< 1890	ug/Kg	7/29/2015	08:32
Methylcyclohexane	< 1890	ug/Kg	7/29/2015	08:32
Methylene chloride	< 4740	ug/Kg	7/29/2015	08:32
o-Xylene	< 1890	ug/Kg	7/29/2015	08:32
Styrene	< 4740	ug/Kg	7/29/2015	08:32
Tetrachloroethene	< 1890	ug/Kg	7/29/2015	08:32
Toluene	< 1890	ug/Kg	7/29/2015	08:32
trans-1,2-Dichloroethene	< 1890	ug/Kg	7/29/2015	08:32
trans-1,3-Dichloropropene	< 1890	ug/Kg	7/29/2015	08:32
Trichloroethene	**50900**	ug/Kg	7/29/2015	08:32
Trichlorofluoromethane	< 1890	ug/Kg	7/29/2015	08:32
Vinyl chloride	< 1890	ug/Kg	7/29/2015	08:32

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153067

Client: **LaBella Associates, P.C.**

Project Reference: 690 St. Paul

Sample Identifier: TW-7 8.7'
Lab Sample ID: 153067-01 **Date Sampled:** 7/22/2015
Matrix: Soil **Date Received:** 7/22/2015

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**99.5**	84.1 - 121		7/29/2015	08:32
4-Bromofluorobenzene	**97.4**	83.4 - 113		7/29/2015	08:32
Pentafluorobenzene	**100**	91.4 - 110		7/29/2015	08:32
Toluene-D8	**98.8**	91.5 - 106		7/29/2015	08:32

Method Reference(s): EPA 8260C
EPA 5035A
Data File: x25002.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153067

Client: **LaBella Associates, P.C.**

Project Reference: 690 St. Paul

Sample Identifier:	TW-7 14'		
Lab Sample ID:	153067-02	**Date Sampled:**	7/22/2015
Matrix:	Soil	**Date Received:**	7/22/2015

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 8.59	ug/Kg		7/28/2015 18:33
1,1,2,2-Tetrachloroethane	< 8.59	ug/Kg		7/28/2015 18:33
1,1,2-Trichloroethane	< 8.59	ug/Kg		7/28/2015 18:33
1,1-Dichloroethane	< 8.59	ug/Kg		7/28/2015 18:33
1,1-Dichloroethene	< 8.59	ug/Kg		7/28/2015 18:33
1,2,3-Trichlorobenzene	< 21.5	ug/Kg		7/28/2015 18:33
1,2,4-Trichlorobenzene	< 21.5	ug/Kg		7/28/2015 18:33
1,2-Dibromo-3-Chloropropane	< 43.0	ug/Kg		7/28/2015 18:33
1,2-Dibromoethane	< 8.59	ug/Kg		7/28/2015 18:33
1,2-Dichlorobenzene	< 8.59	ug/Kg		7/28/2015 18:33
1,2-Dichloroethane	< 8.59	ug/Kg		7/28/2015 18:33
1,2-Dichloropropane	< 8.59	ug/Kg		7/28/2015 18:33
1,3-Dichlorobenzene	< 8.59	ug/Kg		7/28/2015 18:33
1,4-Dichlorobenzene	< 8.59	ug/Kg		7/28/2015 18:33
1,4-dioxane	< 85.9	ug/Kg		7/28/2015 18:33
2-Butanone	< 43.0	ug/Kg		7/28/2015 18:33
2-Hexanone	< 21.5	ug/Kg		7/28/2015 18:33
4-Methyl-2-pentanone	< 21.5	ug/Kg		7/28/2015 18:33
Acetone	**78.1**	ug/Kg		7/28/2015 18:33
Benzene	< 8.59	ug/Kg		7/28/2015 18:33
Bromochloromethane	< 21.5	ug/Kg		7/28/2015 18:33
Bromodichloromethane	< 8.59	ug/Kg		7/28/2015 18:33
Bromoform	< 21.5	ug/Kg		7/28/2015 18:33
Bromomethane	< 8.59	ug/Kg		7/28/2015 18:33
Carbon disulfide	< 8.59	ug/Kg		7/28/2015 18:33
Carbon Tetrachloride	< 8.59	ug/Kg		7/28/2015 18:33
Chlorobenzene	< 8.59	ug/Kg		7/28/2015 18:33
Chloroethane	< 8.59	ug/Kg		7/28/2015 18:33
Chloroform	< 8.59	ug/Kg		7/28/2015 18:33

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153067

Client: LaBella Associates, P.C.

Project Reference: 690 St. Paul

Sample Identifier:	TW-7 14'		
Lab Sample ID:	153067-02	**Date Sampled:**	7/22/2015
Matrix:	Soil	**Date Received:**	7/22/2015

Chloromethane	< 8.59	ug/Kg	7/28/2015	18:33
cis-1,2-Dichloroethene	< 8.59	ug/Kg	7/28/2015	18:33
cis-1,3-Dichloropropene	< 8.59	ug/Kg	7/28/2015	18:33
Cyclohexane	< 43.0	ug/Kg	7/28/2015	18:33
Dibromochloromethane	< 8.59	ug/Kg	7/28/2015	18:33
Dichlorodifluoromethane	< 8.59	ug/Kg	7/28/2015	18:33
Ethylbenzene	< 8.59	ug/Kg	7/28/2015	18:33
Freon 113	< 8.59	ug/Kg	7/28/2015	18:33
Isopropylbenzene	< 8.59	ug/Kg	7/28/2015	18:33
m,p-Xylene	< 8.59	ug/Kg	7/28/2015	18:33
Methyl acetate	< 8.59	ug/Kg	7/28/2015	18:33
Methyl tert-butyl Ether	< 8.59	ug/Kg	7/28/2015	18:33
Methylcyclohexane	< 8.59	ug/Kg	7/28/2015	18:33
Methylene chloride	< 21.5	ug/Kg	7/28/2015	18:33
o-Xylene	< 8.59	ug/Kg	7/28/2015	18:33
Styrene	< 21.5	ug/Kg	7/28/2015	18:33
Tetrachloroethene	< 8.59	ug/Kg	7/28/2015	18:33
Toluene	< 8.59	ug/Kg	7/28/2015	18:33
trans-1,2-Dichloroethene	< 8.59	ug/Kg	7/28/2015	18:33
trans-1,3-Dichloropropene	< 8.59	ug/Kg	7/28/2015	18:33
Trichloroethene	**17.5**	ug/Kg	7/28/2015	18:33
Trichlorofluoromethane	< 8.59	ug/Kg	7/28/2015	18:33
Vinyl chloride	< 8.59	ug/Kg	7/28/2015	18:33

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153067

Client: **LaBella Associates, P.C.**

Project Reference: 690 St. Paul

Sample Identifier: TW-7 14'
Lab Sample ID: 153067-02 **Date Sampled:** 7/22/2015
Matrix: Soil **Date Received:** 7/22/2015

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**105**	84.1 - 121		7/28/2015 18:33
4-Bromofluorobenzene	**89.1**	83.4 - 113		7/28/2015 18:33
Pentafluorobenzene	**95.9**	91.4 - 110		7/28/2015 18:33
Toluene-D8	**93.6**	91.5 - 106		7/28/2015 18:33

Method Reference(s): EPA 8260C
EPA 5035A
Data File: x24967.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, tern or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices. Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure. LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:			INVOICE TO:			LAB PROJECT ID
CLIENT: LaBella Associates DPC			CLIENT:			153067
ADDRESS: 300 State St Suite 201			ADDRESS: SAME			Quotation #:
CITY: Rochester	STATE: NY	ZIP: 14614	CITY:	STATE:	ZIP:	
PHONE:			PHONE:			Email: dnoil@labellapc.com
ATTN: Dan Noil			ATTN:			

PROJECT REFERENCE

690 St. Paul

Matrix Codes:

AQ - Aqueous Liquid; **NQ** - Non-Aqueous Liquid; **WA** - Water; **WG** - Groundwater; **DW** - Drinking Water; **WW** - Wastewater; **SO** - Soil; **SL** - Sludge; **SD** - Solid; **PT** - Paint; **WP** - Wipe; **CK** - Caulk; **OL** - Oil; **AR** - Air

REQUESTED ANALYSIS

	DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	TCL VOCs 8260									REMARKS	PARADIGM LAB SAMPLE NUMBER	
1	7/22/15	11:30		X	TW-7 8.7'	SO	1	X										0	1
2	7/22/15	11:35		X	TW-7 14'	SO	1	X										0	2
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	Batch QC		Basic EDD	
Rush 3 day		Category A		NYSDEC EDD	
Rush 2 day		Category B			
Rush 1 day					
Other please indicate:		Other please indicate:		Other EDD please indicate:	

Kyle Miller	7/22/15 11:35	Total Cost:
Sampled By	Date/Time	
Relinquished By	7/22/15 12:00	
	Date/Time	
Received By	7/22/15 12:00	P.I.F.
	Date/Time	
Received @ Lab By	7/22/15 13:47	
	Date/Time	

24°C 7/22/15 12:02

Chain of Custody Supplement

Client: LaBella Associates Completed by: Glenn Pezzulo

Lab Project ID: 153067 Date: 7/22/15

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	*NELAC compliance with the sample condition requirements upon receipt* Yes	No	N/A
Container Type	X	X S035	
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)			X
Comments			
Preservation			X
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature		X	
Comments	24°C		
Sufficient Sample Quantity	X		
Comments			

PARADIGM

ENVIRONMENTAL SERVICES, INC.

Analytical Report For

LaBella Associates, P.C.

For Lab Project ID

153293

Referencing

690 St. Paul 8/5/2015, 209280

Prepared

Friday, August 07, 2015

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

K R Hansen

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153293

Client: **LaBella Associates, P.C.**

Project Reference: 690 St. Paul 8/5/2015, 209280

Sample Identifier: TW-11 9.3'
Lab Sample ID: 153293-01 **Date Sampled:** 8/5/2015
Matrix: Soil **Date Received:** 8/6/2015

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 1750	ug/Kg		8/7/2015 13:53
1,1,2,2-Tetrachloroethane	< 1750	ug/Kg		8/7/2015 13:53
1,1,2-Trichloroethane	< 1750	ug/Kg		8/7/2015 13:53
1,1-Dichloroethane	< 1750	ug/Kg		8/7/2015 13:53
1,1-Dichloroethene	< 1750	ug/Kg		8/7/2015 13:53
1,2,3-Trichlorobenzene	< 4370	ug/Kg		8/7/2015 13:53
1,2,4-Trichlorobenzene	< 4370	ug/Kg		8/7/2015 13:53
1,2-Dibromo-3-Chloropropane	< 8730	ug/Kg		8/7/2015 13:53
1,2-Dibromoethane	< 1750	ug/Kg		8/7/2015 13:53
1,2-Dichlorobenzene	< 1750	ug/Kg		8/7/2015 13:53
1,2-Dichloroethane	< 1750	ug/Kg		8/7/2015 13:53
1,2-Dichloropropane	< 1750	ug/Kg		8/7/2015 13:53
1,3-Dichlorobenzene	< 1750	ug/Kg		8/7/2015 13:53
1,4-Dichlorobenzene	< 1750	ug/Kg		8/7/2015 13:53
1,4-dioxane	< 17500	ug/Kg		8/7/2015 13:53
2-Butanone	< 8730	ug/Kg		8/7/2015 13:53
2-Hexanone	< 4370	ug/Kg		8/7/2015 13:53
4-Methyl-2-pentanone	< 4370	ug/Kg		8/7/2015 13:53
Acetone	< 8730	ug/Kg		8/7/2015 13:53
Benzene	< 1750	ug/Kg		8/7/2015 13:53
Bromochloromethane	< 4370	ug/Kg		8/7/2015 13:53
Bromodichloromethane	< 1750	ug/Kg		8/7/2015 13:53
Bromoform	< 4370	ug/Kg		8/7/2015 13:53
Bromomethane	< 1750	ug/Kg		8/7/2015 13:53
Carbon disulfide	< 1750	ug/Kg		8/7/2015 13:53
Carbon Tetrachloride	< 1750	ug/Kg		8/7/2015 13:53
Chlorobenzene	< 1750	ug/Kg		8/7/2015 13:53
Chloroethane	< 1750	ug/Kg		8/7/2015 13:53
Chloroform	< 1750	ug/Kg		8/7/2015 13:53

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153293

Client: LaBella Associates, P.C.

Project Reference: 690 St. Paul 8/5/2015, 209280

Sample Identifier:	TW-11 9.3'		
Lab Sample ID:	153293-01	**Date Sampled:**	8/5/2015
Matrix:	Soil	**Date Received:**	8/6/2015

Chloromethane	< 1750	ug/Kg	8/7/2015	13:53
cis-1,2-Dichloroethene	**3930**	ug/Kg	8/7/2015	13:53
cis-1,3-Dichloropropene	< 1750	ug/Kg	8/7/2015	13:53
Cyclohexane	< 8730	ug/Kg	8/7/2015	13:53
Dibromochloromethane	< 1750	ug/Kg	8/7/2015	13:53
Dichlorodifluoromethane	< 1750	ug/Kg	8/7/2015	13:53
Ethylbenzene	< 1750	ug/Kg	8/7/2015	13:53
Freon 113	< 1750	ug/Kg	8/7/2015	13:53
Isopropylbenzene	< 1750	ug/Kg	8/7/2015	13:53
m,p-Xylene	< 1750	ug/Kg	8/7/2015	13:53
Methyl acetate	< 1750	ug/Kg	8/7/2015	13:53
Methyl tert-butyl Ether	< 1750	ug/Kg	8/7/2015	13:53
Methylcyclohexane	< 1750	ug/Kg	8/7/2015	13:53
Methylene chloride	< 4370	ug/Kg	8/7/2015	13:53
o-Xylene	< 1750	ug/Kg	8/7/2015	13:53
Styrene	< 4370	ug/Kg	8/7/2015	13:53
Tetrachloroethene	< 1750	ug/Kg	8/7/2015	13:53
Toluene	< 1750	ug/Kg	8/7/2015	13:53
trans-1,2-Dichloroethene	< 1750	ug/Kg	8/7/2015	13:53
trans-1,3-Dichloropropene	< 1750	ug/Kg	8/7/2015	13:53
Trichloroethene	**136000**	ug/Kg	8/7/2015	13:53
Trichlorofluoromethane	< 1750	ug/Kg	8/7/2015	13:53
Vinyl chloride	< 1750	ug/Kg	8/7/2015	13:53

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153293

Client: **LaBella Associates, P.C.**

Project Reference: 690 St. Paul 8/5/2015, 209280

Sample Identifier: TW-11 9.3'
Lab Sample ID: 153293-01 **Date Sampled:** 8/5/2015
Matrix: Soil **Date Received:** 8/6/2015

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**112**	84.1 - 121		8/7/2015	13:53
4-Bromofluorobenzene	**89.2**	83.4 - 113		8/7/2015	13:53
Pentafluorobenzene	**96.4**	91.4 - 110		8/7/2015	13:53
Toluene-D8	**94.7**	91.5 - 106		8/7/2015	13:53

Method Reference(s): EPA 8260C
EPA 5035A
Data File: x25283.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153293

Client: **LaBella Associates, P.C.**

Project Reference: 690 St. Paul 8/5/2015, 209280

Sample Identifier: TW-1 (GW)
Lab Sample ID: 153293-02 **Date Sampled:** 8/5/2015
Matrix: Groundwater **Date Received:** 8/6/2015

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 200	ug/L		8/6/2015 20:57
1,1,2,2-Tetrachloroethane	< 200	ug/L		8/6/2015 20:57
1,1,2-Trichloroethane	< 200	ug/L		8/6/2015 20:57
1,1-Dichloroethane	< 200	ug/L		8/6/2015 20:57
1,1-Dichloroethene	< 200	ug/L		8/6/2015 20:57
1,2,3-Trichlorobenzene	< 500	ug/L		8/6/2015 20:57
1,2,4-Trichlorobenzene	< 500	ug/L		8/6/2015 20:57
1,2-Dibromo-3-Chloropropane	< 1000	ug/L		8/6/2015 20:57
1,2-Dibromoethane	< 200	ug/L		8/6/2015 20:57
1,2-Dichlorobenzene	< 200	ug/L		8/6/2015 20:57
1,2-Dichloroethane	< 200	ug/L		8/6/2015 20:57
1,2-Dichloropropane	< 200	ug/L		8/6/2015 20:57
1,3-Dichlorobenzene	< 200	ug/L		8/6/2015 20:57
1,4-Dichlorobenzene	< 200	ug/L		8/6/2015 20:57
1,4-dioxane	< 2000	ug/L		8/6/2015 20:57
2-Butanone	< 1000	ug/L		8/6/2015 20:57
2-Hexanone	< 500	ug/L		8/6/2015 20:57
4-Methyl-2-pentanone	< 500	ug/L		8/6/2015 20:57
Acetone	< 1000	ug/L		8/6/2015 20:57
Benzene	< 100	ug/L		8/6/2015 20:57
Bromochloromethane	< 500	ug/L		8/6/2015 20:57
Bromodichloromethane	< 200	ug/L		8/6/2015 20:57
Bromoform	< 500	ug/L		8/6/2015 20:57
Bromomethane	< 200	ug/L		8/6/2015 20:57
Carbon disulfide	< 200	ug/L		8/6/2015 20:57
Carbon Tetrachloride	< 200	ug/L		8/6/2015 20:57
Chlorobenzene	< 200	ug/L		8/6/2015 20:57
Chloroethane	< 200	ug/L		8/6/2015 20:57
Chloroform	< 200	ug/L		8/6/2015 20:57

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153293

Client: LaBella Associates, P.C.

Project Reference: 690 St. Paul 8/5/2015, 209280

Sample Identifier: TW-1 (GW)
Lab Sample ID: 153293-02 **Date Sampled:** 8/5/2015
Matrix: Groundwater **Date Received:** 8/6/2015

Chloromethane	< 200	ug/L	8/6/2015	20:57
cis-1,2-Dichloroethene	**863**	ug/L	8/6/2015	20:57
cis-1,3-Dichloropropene	< 200	ug/L	8/6/2015	20:57
Cyclohexane	< 1000	ug/L	8/6/2015	20:57
Dibromochloromethane	< 200	ug/L	8/6/2015	20:57
Dichlorodifluoromethane	< 200	ug/L	8/6/2015	20:57
Ethylbenzene	< 200	ug/L	8/6/2015	20:57
Freon 113	< 200	ug/L	8/6/2015	20:57
Isopropylbenzene	< 200	ug/L	8/6/2015	20:57
m,p-Xylene	< 200	ug/L	8/6/2015	20:57
Methyl acetate	< 200	ug/L	8/6/2015	20:57
Methyl tert-butyl Ether	< 200	ug/L	8/6/2015	20:57
Methylcyclohexane	< 200	ug/L	8/6/2015	20:57
Methylene chloride	< 500	ug/L	8/6/2015	20:57
o-Xylene	< 200	ug/L	8/6/2015	20:57
Styrene	< 500	ug/L	8/6/2015	20:57
Tetrachloroethene	< 200	ug/L	8/6/2015	20:57
Toluene	< 200	ug/L	8/6/2015	20:57
trans-1,2-Dichloroethene	< 200	ug/L	8/6/2015	20:57
trans-1,3-Dichloropropene	< 200	ug/L	8/6/2015	20:57
Trichloroethene	**1120**	ug/L	8/6/2015	20:57
Trichlorofluoromethane	< 200	ug/L	8/6/2015	20:57
Vinyl chloride	**242**	ug/L	8/6/2015	20:57

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**110**	81.1 - 116		8/6/2015	20:57
4-Bromofluorobenzene	**86.2**	82.3 - 113		8/6/2015	20:57
Pentafluorobenzene	**100**	91.1 - 110		8/6/2015	20:57
Toluene-D8	**93.3**	91.4 - 106		8/6/2015	20:57

Method Reference(s): EPA 8260C
EPA 5030
Data File: x25260.D

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, tern or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices. Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure. LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

PARADIGM ENVIRONMENTAL SERVICES, INC

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:			
COMPANY:	LaBella Associates DPC	COMPANY:	Same	LAB PROJECT #: 153293	CLIENT PROJECT #: 209280
ADDRESS:		ADDRESS:			
CITY: STATE: ZIP:		CITY: STATE: ZIP:		TURNAROUND TIME: (WORKING DAYS)	
PHONE: FAX:		PHONE: FAX:		STD / OTHER	
PROJECT NAME/SITE NAME: 690 St. Paul 8/5/2015	ATTN: dnoll@labellapc.com	ATTN:		[X] 1 [ ] 2 [ ] 3 [ ] 5 [ ]	
	COMMENTS: cc: kmiller@labellapc.com srife@labellapc.com			Quotation #	

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	TCL VOCs	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	8/5/15	1200		X	TW-11 9.3'	Soil	1	X		01
2	8/5/15	1610		X	TW-1 (GW)	GW	2	X		02
3										
4										
5										
6										
7										
8										
9										
10										

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y [ ]	N [ ]
Comments:		
Preservation:	Y [ ]	N [ ]
Comments:		
Holding Time:	Y [ ]	N [ ]
Comments:		
Temperature:	Y [ ]	N [ ]
Comments: 3°C iced 8/6/15 13:30		

Sampled By	8/5/15 Date/Time	Total Cost:
Relinquished By	8/6/15 Date/Time	
Received By	8/6/15, 13:30 Date/Time	P.I.F.
Received @ Lab By	8/6/15 13:59 Date/Time	

Chain of Custody Supplement

Client: LaBella Associates Completed by: Glenn Pezzulo

Lab Project ID: 153293 Date: 8/6/15

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A
Container Type	X	X See 35 (Sec. 1)	
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	X VOA (water)		X
Comments			
Preservation	X VOA (water)		
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature	X		
Comments	3°C iced		
Sufficient Sample Quantity	X		
Comments			

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

LaBella Associates, P.C.

For Lab Project ID

153304

Referencing

690 Saint Paul St 209280

Prepared

Friday, August 07, 2015

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153304

Client: **LaBella Associates, P.C.**

Project Reference: 690 Saint Paul St 209280

Sample Identifier: TW-4-4.3-4.7'
Lab Sample ID: 153304-01 **Date Sampled:** 8/6/2015
Matrix: Groundwater **Date Received:** 8/6/2015

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		8/6/2015 21:44
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		8/6/2015 21:44
1,1,2-Trichloroethane	< 2.00	ug/L		8/6/2015 21:44
1,1-Dichloroethane	< 2.00	ug/L		8/6/2015 21:44
1,1-Dichloroethene	< 2.00	ug/L		8/6/2015 21:44
1,2,3-Trichlorobenzene	< 5.00	ug/L		8/6/2015 21:44
1,2,4-Trichlorobenzene	< 5.00	ug/L		8/6/2015 21:44
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		8/6/2015 21:44
1,2-Dibromoethane	< 2.00	ug/L		8/6/2015 21:44
1,2-Dichlorobenzene	< 2.00	ug/L		8/6/2015 21:44
1,2-Dichloroethane	< 2.00	ug/L		8/6/2015 21:44
1,2-Dichloropropane	< 2.00	ug/L		8/6/2015 21:44
1,3-Dichlorobenzene	< 2.00	ug/L		8/6/2015 21:44
1,4-Dichlorobenzene	< 2.00	ug/L		8/6/2015 21:44
1,4-dioxane	< 20.0	ug/L		8/6/2015 21:44
2-Butanone	< 10.0	ug/L		8/6/2015 21:44
2-Hexanone	< 5.00	ug/L		8/6/2015 21:44
4-Methyl-2-pentanone	< 5.00	ug/L		8/6/2015 21:44
Acetone	< 10.0	ug/L		8/6/2015 21:44
Benzene	< 1.00	ug/L		8/6/2015 21:44
Bromochloromethane	< 5.00	ug/L		8/6/2015 21:44
Bromodichloromethane	< 2.00	ug/L		8/6/2015 21:44
Bromoform	< 5.00	ug/L		8/6/2015 21:44
Bromomethane	< 2.00	ug/L		8/6/2015 21:44
Carbon disulfide	< 2.00	ug/L		8/6/2015 21:44
Carbon Tetrachloride	< 2.00	ug/L		8/6/2015 21:44
Chlorobenzene	< 2.00	ug/L		8/6/2015 21:44
Chloroethane	< 2.00	ug/L		8/6/2015 21:44
Chloroform	**5.19**	ug/L		8/6/2015 21:44

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153304

Client: LaBella Associates, P.C.

Project Reference: 690 Saint Paul St 209280

Sample Identifier: TW-4-4.3-4.7'
Lab Sample ID: 153304-01 **Date Sampled:** 8/6/2015
Matrix: Groundwater **Date Received:** 8/6/2015

Chloromethane	< 2.00	ug/L	8/6/2015	21:44
cis-1,2-Dichloroethene	**47.4**	ug/L	8/6/2015	21:44
cis-1,3-Dichloropropene	< 2.00	ug/L	8/6/2015	21:44
Cyclohexane	< 10.0	ug/L	8/6/2015	21:44
Dibromochloromethane	< 2.00	ug/L	8/6/2015	21:44
Dichlorodifluoromethane	< 2.00	ug/L	8/6/2015	21:44
Ethylbenzene	< 2.00	ug/L	8/6/2015	21:44
Freon 113	< 2.00	ug/L	8/6/2015	21:44
Isopropylbenzene	< 2.00	ug/L	8/6/2015	21:44
m,p-Xylene	< 2.00	ug/L	8/6/2015	21:44
Methyl acetate	< 2.00	ug/L	8/6/2015	21:44
Methyl tert-butyl Ether	< 2.00	ug/L	8/6/2015	21:44
Methylcyclohexane	< 2.00	ug/L	8/6/2015	21:44
Methylene chloride	< 5.00	ug/L	8/6/2015	21:44
o-Xylene	< 2.00	ug/L	8/6/2015	21:44
Styrene	< 5.00	ug/L	8/6/2015	21:44
Tetrachloroethene	< 2.00	ug/L	8/6/2015	21:44
Toluene	< 2.00	ug/L	8/6/2015	21:44
trans-1,2-Dichloroethene	< 2.00	ug/L	8/6/2015	21:44
trans-1,3-Dichloropropene	< 2.00	ug/L	8/6/2015	21:44
Trichloroethene	**54.4**	ug/L	8/6/2015	21:44
Trichlorofluoromethane	< 2.00	ug/L	8/6/2015	21:44
Vinyl chloride	**17.1**	ug/L	8/6/2015	21:44

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**112**	81.1 - 116		8/6/2015	21:44
4-Bromofluorobenzene	**88.5**	82.3 - 113		8/6/2015	21:44
Pentafluorobenzene	**98.1**	91.1 - 110		8/6/2015	21:44
Toluene-D8	**93.1**	91.4 - 106		8/6/2015	21:44

Method Reference(s): EPA 8260C
EPA 5030
Data File: x25262.D

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, tern or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices. Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure. LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

1 of 2

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

CHAIN OF CUSTODY

153304

REPORT TO:	INVOICE TO:	
CLIENT: DAN NOLL LABELLA	CLIENT:	LAB PROJECT ID: 209280
ADDRESS: 300 STATE ST SUITE 200	ADDRESS:	
CITY: ROCHESTER STATE: NY ZIP: 14614	CITY: STATE: ZIP:	Quotation #:
PHONE: 585 295 4864	PHONE:	Email: DNOLL@labellapc.com
ATTN: DAN NOLL	ATTN: EMAIL DAN NOLL FOR INFO.	

PROJECT REFERENCE: 690 Saint Paul St

Matrix Codes: AQ - Aqueous Liquid, NQ - Non-Aqueous Liquid, WA - Water, WG - Groundwater, DW - Drinking Water, WW - Wastewater, SO - Soil, SL - Sludge, SD - Solid, PT - Paint, WP - Wipe, CK - Caulk, OL - Oil, AR - Air

REQUESTED ANALYSIS

	DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	TCL VOCs	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	8/6/15	16:15		X	TW-4-4.3-4.7'	GW	2	X		01
2										
3										
4										
5										
6										
7										
8										
9										
10										

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	☐	Batch QC	☐	Basic EDD	☐
Rush 3 day	☐	Category A	☐	NYSDEC EDD	☐
Rush 2 day	☐	Category B	☐		
Rush 1 day	☑				
Other please indicate:	☐	Other please indicate:	☐	Other EDD please indicate:	☐

		Date/Time
Sampled By	D. KAVENEY	8/6/15 16:35
Relinquished By	[signature]	8/6/15 16:35
Received By	KRHansen	8/6/15 1635
Received @ Lab By	[signature]	8/6/15 16:42

Total Cost:

P.I.F.

21°C 8/6/15 16:40

Chain of Custody Supplement

Client: LaBella Associates

Completed by: Glenn Pezzulo

Lab Project ID: 153304

Date: 8/6/15

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	X		
Comments			
Preservation	X		
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature		X	
Comments	21°C		
Sufficient Sample Quantity	X		
Comments			

PARADIGM

Analytical Report For

LaBella Associates, P.C.

For Lab Project ID

153343

Referencing

690 St. Paul Street

Prepared

Wednesday, August 12, 2015

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153343

Client: **LaBella Associates, P.C.**

Project Reference: 690 St. Paul Street

Sample Identifier: TW-4-7'-8'
Lab Sample ID: 153343-01 **Date Sampled:** 8/6/2015
Matrix: Soil **Date Received:** 8/11/2015

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 10.2	ug/Kg		8/11/2015 17:45
1,1,2,2-Tetrachloroethane	< 10.2	ug/Kg		8/11/2015 17:45
1,1,2-Trichloroethane	< 10.2	ug/Kg		8/11/2015 17:45
1,1-Dichloroethane	< 10.2	ug/Kg		8/11/2015 17:45
1,1-Dichloroethene	< 10.2	ug/Kg		8/11/2015 17:45
1,2,3-Trichlorobenzene	< 25.6	ug/Kg		8/11/2015 17:45
1,2,4-Trichlorobenzene	< 25.6	ug/Kg		8/11/2015 17:45
1,2-Dibromo-3-Chloropropane	< 51.2	ug/Kg		8/11/2015 17:45
1,2-Dibromoethane	< 10.2	ug/Kg		8/11/2015 17:45
1,2-Dichlorobenzene	< 10.2	ug/Kg		8/11/2015 17:45
1,2-Dichloroethane	< 10.2	ug/Kg		8/11/2015 17:45
1,2-Dichloropropane	< 10.2	ug/Kg		8/11/2015 17:45
1,3-Dichlorobenzene	< 10.2	ug/Kg		8/11/2015 17:45
1,4-Dichlorobenzene	< 10.2	ug/Kg		8/11/2015 17:45
1,4-dioxane	< 102	ug/Kg		8/11/2015 17:45
2-Butanone	< 51.2	ug/Kg		8/11/2015 17:45
2-Hexanone	< 25.6	ug/Kg		8/11/2015 17:45
4-Methyl-2-pentanone	< 25.6	ug/Kg		8/11/2015 17:45
Acetone	**88.1**	ug/Kg		8/11/2015 17:45
Benzene	< 10.2	ug/Kg		8/11/2015 17:45
Bromochloromethane	< 25.6	ug/Kg		8/11/2015 17:45
Bromodichloromethane	< 10.2	ug/Kg		8/11/2015 17:45
Bromoform	< 25.6	ug/Kg		8/11/2015 17:45
Bromomethane	< 10.2	ug/Kg		8/11/2015 17:45
Carbon disulfide	< 10.2	ug/Kg		8/11/2015 17:45
Carbon Tetrachloride	< 10.2	ug/Kg		8/11/2015 17:45
Chlorobenzene	< 10.2	ug/Kg		8/11/2015 17:45
Chloroethane	< 10.2	ug/Kg		8/11/2015 17:45
Chloroform	< 10.2	ug/Kg		8/11/2015 17:45

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153343

Client: **LaBella Associates, P.C.**

Project Reference: 690 St. Paul Street

Sample Identifier: TW-4-7'-8'
Lab Sample ID: 153343-01 **Date Sampled:** 8/6/2015
Matrix: Soil **Date Received:** 8/11/2015

Chloromethane	< 10.2	ug/Kg	8/11/2015	17:45
cis-1,2-Dichloroethene	**335**	ug/Kg	8/11/2015	17:45
cis-1,3-Dichloropropene	< 10.2	ug/Kg	8/11/2015	17:45
Cyclohexane	< 51.2	ug/Kg	8/11/2015	17:45
Dibromochloromethane	< 10.2	ug/Kg	8/11/2015	17:45
Dichlorodifluoromethane	< 10.2	ug/Kg	8/11/2015	17:45
Ethylbenzene	< 10.2	ug/Kg	8/11/2015	17:45
Freon 113	< 10.2	ug/Kg	8/11/2015	17:45
Isopropylbenzene	< 10.2	ug/Kg	8/11/2015	17:45
m,p-Xylene	< 10.2	ug/Kg	8/11/2015	17:45
Methyl acetate	< 10.2	ug/Kg	8/11/2015	17:45
Methyl tert-butyl Ether	< 10.2	ug/Kg	8/11/2015	17:45
Methylcyclohexane	< 10.2	ug/Kg	8/11/2015	17:45
Methylene chloride	< 25.6	ug/Kg	8/11/2015	17:45
o-Xylene	< 10.2	ug/Kg	8/11/2015	17:45
Styrene	< 25.6	ug/Kg	8/11/2015	17:45
Tetrachloroethene	< 10.2	ug/Kg	8/11/2015	17:45
Toluene	< 10.2	ug/Kg	8/11/2015	17:45
trans-1,2-Dichloroethene	< 10.2	ug/Kg	8/11/2015	17:45
trans-1,3-Dichloropropene	< 10.2	ug/Kg	8/11/2015	17:45
Trichloroethene	**432**	ug/Kg	8/11/2015	17:45
Trichlorofluoromethane	< 10.2	ug/Kg	8/11/2015	17:45
Vinyl chloride	**29.0**	ug/Kg	8/11/2015	17:45

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153343

Client: **LaBella Associates, P.C.**

Project Reference: 690 St. Paul Street

Sample Identifier: TW-4-7'-8'
Lab Sample ID: 153343-01 **Date Sampled:** 8/6/2015
Matrix: Soil **Date Received:** 8/11/2015

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**101**	84.1 - 121		8/11/2015	17:45
4-Bromofluorobenzene	**97.9**	83.4 - 113		8/11/2015	17:45
Pentafluorobenzene	**101**	91.4 - 110		8/11/2015	17:45
Toluene-D8	**97.4**	91.5 - 106		8/11/2015	17:45

Method Reference(s): EPA 8260C
EPA 5035A
Data File: x25335.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Method Blank Report

Client: LaBella Associates, P.C.

Project Reference: 690 St. Paul Street

Lab Project ID: 153343

Matrix: Soil

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed	
1,1,1-Trichloroethane	<2.00	ug/Kg		8/11/2015	17:22
1,1,2,2-Tetrachloroethane	<2.00	ug/Kg		8/11/2015	17:22
1,1,2-Trichloroethane	<2.00	ug/Kg		8/11/2015	17:22
1,1-Dichloroethane	<2.00	ug/Kg		8/11/2015	17:22
1,1-Dichloroethene	<2.00	ug/Kg		8/11/2015	17:22
1,2,3-Trichlorobenzene	<5.00	ug/Kg		8/11/2015	17:22
1,2,4-Trichlorobenzene	<5.00	ug/Kg		8/11/2015	17:22
1,2-Dibromo-3-Chloropropane	<10.0	ug/Kg		8/11/2015	17:22
1,2-Dibromoethane	<2.00	ug/Kg		8/11/2015	17:22
1,2-Dichlorobenzene	<2.00	ug/Kg		8/11/2015	17:22
1,2-Dichloroethane	<2.00	ug/Kg		8/11/2015	17:22
1,2-Dichloropropane	<2.00	ug/Kg		8/11/2015	17:22
1,3-Dichlorobenzene	<2.00	ug/Kg		8/11/2015	17:22
1,4-Dichlorobenzene	<2.00	ug/Kg		8/11/2015	17:22
1,4-dioxane	<20.0	ug/Kg		8/11/2015	17:22
2-Butanone	<10.0	ug/Kg		8/11/2015	17:22
2-Hexanone	<5.00	ug/Kg		8/11/2015	17:22
4-Methyl-2-pentanone	<5.00	ug/Kg		8/11/2015	17:22
Acetone	<10.0	ug/Kg		8/11/2015	17:22
Benzene	<2.00	ug/Kg		8/11/2015	17:22
Bromochloromethane	<5.00	ug/Kg		8/11/2015	17:22
Bromodichloromethane	<2.00	ug/Kg		8/11/2015	17:22
Bromoform	<5.00	ug/Kg		8/11/2015	17:22
Bromomethane	<2.00	ug/Kg		8/11/2015	17:22
Carbon disulfide	<2.00	ug/Kg		8/11/2015	17:22
Carbon Tetrachloride	<2.00	ug/Kg		8/11/2015	17:22
Chlorobenzene	<2.00	ug/Kg		8/11/2015	17:22
Chloroethane	<2.00	ug/Kg		8/11/2015	17:22

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Method Blank Report

Client: LaBella Associates, P.C.

Project Reference: 690 St. Paul Street

Lab Project ID: 153343

Matrix: Soil

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed	
Chloroform	<2.00	ug/Kg		8/11/2015	17:22
Chloromethane	<2.00	ug/Kg		8/11/2015	17:22
cis-1,2-Dichloroethene	<2.00	ug/Kg		8/11/2015	17:22
cis-1,3-Dichloropropene	<2.00	ug/Kg		8/11/2015	17:22
Cyclohexane	<10.0	ug/Kg		8/11/2015	17:22
Dibromochloromethane	<2.00	ug/Kg		8/11/2015	17:22
Dichlorodifluoromethane	<2.00	ug/Kg		8/11/2015	17:22
Ethylbenzene	<2.00	ug/Kg		8/11/2015	17:22
Freon 113	<2.00	ug/Kg		8/11/2015	17:22
Isopropylbenzene	<2.00	ug/Kg		8/11/2015	17:22
m,p-Xylene	<2.00	ug/Kg		8/11/2015	17:22
Methyl acetate	<2.00	ug/Kg		8/11/2015	17:22
Methyl tert-butyl Ether	<2.00	ug/Kg		8/11/2015	17:22
Methylcyclohexane	<2.00	ug/Kg		8/11/2015	17:22
Methylene chloride	<5.00	ug/Kg		8/11/2015	17:22
o-Xylene	<2.00	ug/Kg		8/11/2015	17:22
Styrene	<5.00	ug/Kg		8/11/2015	17:22
Tetrachloroethene	<2.00	ug/Kg		8/11/2015	17:22
Toluene	<2.00	ug/Kg		8/11/2015	17:22
trans-1,2-Dichloroethene	<2.00	ug/Kg		8/11/2015	17:22
trans-1,3-Dichloropropene	<2.00	ug/Kg		8/11/2015	17:22
Trichloroethene	<2.00	ug/Kg		8/11/2015	17:22
Trichlorofluoromethane	<2.00	ug/Kg		8/11/2015	17:22
Vinyl chloride	<2.00	ug/Kg		8/11/2015	17:22

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Method Blank Report

Client: LaBella Associates, P.C.

Project Reference: 690 St. Paul Street

Lab Project ID: 153343

Matrix: Soil

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**105**	84.1 - 121		8/11/2015 17:22
4-Bromofluorobenzene	**88.5**	83.4 - 113		8/11/2015 17:22
Pentafluorobenzene	**101**	91.4 - 110		8/11/2015 17:22
Toluene-D8	**93.3**	91.5 - 106		8/11/2015 17:22

Method Reference(s): EPA 8260C
EPA 5035A

Data File: x25334.D

QC Batch ID: voas081115

QC Number: 1

PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: LaBella Associates, P.C.

Project Reference: 690 St. Paul Street

Lab Project ID: 153343

Matrix: Soil

Volatile Organics

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
1,1,1-Trichloroethane	20.0	ug/Kg	19.7	98.6	80.57 - 118.99		8/11/2015
1,1,2,2-Tetrachloroethane	20.0	ug/Kg	20.2	101	74.78 - 130.26		8/11/2015
1,1,2-Trichloroethane	20.0	ug/Kg	19.0	95.1	77.79 - 119.75		8/11/2015
1,1-Dichloroethane	20.0	ug/Kg	19.6	98.1	84.61 - 116.76		8/11/2015
1,1-Dichloroethene	20.0	ug/Kg	19.9	99.7	77.08 - 122.65		8/11/2015
1,2-Dichlorobenzene	20.0	ug/Kg	21.3	107	82.53 - 121.47		8/11/2015
1,2-Dichloroethane	20.0	ug/Kg	20.3	101	80.35 - 121.22		8/11/2015
1,2-Dichloropropane	20.0	ug/Kg	20.3	102	84.67 - 115.01		8/11/2015
1,3-Dichlorobenzene	20.0	ug/Kg	20.8	104	76.67 - 117.07		8/11/2015
1,4-Dichlorobenzene	20.0	ug/Kg	21.2	106	75.21 - 118.25		8/11/2015
Benzene	20.0	ug/Kg	21.4	107	87.8 - 118.83		8/11/2015
Bromodichloromethane	20.0	ug/Kg	19.1	95.4	79.28 - 118.93		8/11/2015
Bromoform	20.0	ug/Kg	17.0	85.0	60.37 - 116.92		8/11/2015
Bromomethane	20.0	ug/Kg	24.9	124	39.9 - 177.24		8/11/2015
Carbon Tetrachloride	20.0	ug/Kg	20.0	100	72.95 - 124.61		8/11/2015
Chlorobenzene	20.0	ug/Kg	19.8	99.0	82.13 - 117.82		8/11/2015

Report Prepared Wednesday, August 12, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: LaBella Associates, P.C.
Project Reference: 690 St. Paul Street
Lab Project ID: 153343
Matrix: Soil

Volatile Organics

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
Chloroethane	20.0	ug/Kg	20.3	102	73.86 - 137		8/11/2015
Chloroform	20.0	ug/Kg	20.1	101	84.71 - 119.16		8/11/2015
Chloromethane	20.0	ug/Kg	20.3	101	71.14 - 133.81		8/11/2015
cis-1,3-Dichloropropene	20.0	ug/Kg	23.4	117	90.43 - 131.22		8/11/2015
Dibromochloromethane	20.0	ug/Kg	18.9	94.4	67.06 - 122.84		8/11/2015
Ethylbenzene	20.0	ug/Kg	22.0	110	83.66 - 117.9		8/11/2015
Methylene chloride	20.0	ug/Kg	19.7	98.5	78.76 - 122.44		8/11/2015
Tetrachloroethene	20.0	ug/Kg	20.2	101	64.04 - 150.09		8/11/2015
Toluene	20.0	ug/Kg	20.5	102	85.72 - 114.35		8/11/2015
trans-1,2-Dichloroethene	20.0	ug/Kg	20.4	102	79.27 - 122.93		8/11/2015
trans-1,3-Dichloropropene	20.0	ug/Kg	20.8	104	74.77 - 124.76		8/11/2015
Trichloroethene	20.0	ug/Kg	20.8	104	85.04 - 118.55		8/11/2015
Trichlorofluoromethane	20.0	ug/Kg	18.9	94.7	70.26 - 134.68		8/11/2015
Vinyl chloride	20.0	ug/Kg	19.9	99.3	74.9 - 138.08		8/11/2015

Report Prepared Wednesday, August 12, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: LaBella Associates, P.C.

Project Reference: 690 St. Paul Street

Lab Project ID: 153343

Matrix: Soil

Volatile Organics

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed

Method Reference(s): EPA 8260C
EPA 5035A

Data File: x25333.D

QC Number: 1

QC Batch ID: voas081115

Report Prepared Wednesday, August 12, 2015

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, tern or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices. Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure. LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

PARADIGM ENVIRONMENTAL SERVICES, INC.

CHAIN OF CUSTODY

REPORT TO:

CLIENT: LaBella Assoc. DPC
ADDRESS: 300 State St. Ste 201
CITY: Rochester STATE: NY ZIP: 14614
PHONE:
ATTN: Dan Noll

INVOICE TO:

CLIENT: SAME
ADDRESS:
CITY: STATE: ZIP:
PHONE:
ATTN:

LAB PROJECT ID: 153343
Quotation #:
Email: dnoll@labellapc.com

PROJECT REFERENCE
1090 St. Paul Street

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

	DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	TCL VOCs 8260								REMARKS	PARADIGM LAB SAMPLE NUMBER		
1	8/6/15	17:45		X	TW-4 - 7'-8'	SO	1	X										0	1
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	☐	Batch QC	☒	Basic EDD	☐
Rush 3 day	☐	Category A	☐	NYSDEC EDD	☐
Rush 2 day	☒	Category B	☐		
Rush 1 day	☐				
Other please indicate:	☐	Other please indicate:	☐	Other EDD please indicate:	☐

D. Kaveney — Sampled By — 8/6/2015 — Date/Time

Relinquished By — 8/11/15 11:50 — Date/Time

Received By — 8/11/15 11:50 — Date/Time

Received @ Lab By — 8/11/15 12:01 — Date/Time

Total Cost:

P.I.F.

6°C iced 8/11/15 11:55

Chain of Custody Supplement

Client: LaBella Associates Completed by: Glenn Pezzulo

Lab Project ID: 153343 Date: 8/11/15

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A
Container Type	X	X 5035	
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)			X
Comments			
Preservation			X
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature	X		
Comments	6°C iced		
Sufficient Sample Quantity	X		
Comments			

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-54439-1
Client Project/Site: 690 St. Paul Street NYDEC BCP #C828159

For:
LaBella Associates PC
300 State Street
Suite 201
Rochester, New York 14614

Attn: Mr. Daniel Noll

Kris Brooks

Authorized for release by:
9/23/2015 5:07:17 PM

Kris Brooks, Project Manager II
(330)966-9790
kris.brooks@testamericainc.com

Table of Contents

Definitions/Glossary

Client: LaBella Associates PC
Project/Site: 690 St. Paul Street NYDEC BCP #C828159

TestAmerica Job ID: 240-54439-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
U	Indicates the analyte was analyzed for but not detected.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
H	Sample was prepped or analyzed beyond the specified holding time
*	LCS or LCSD is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 240-54439-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: LaBella Associates PC

Project: 690 St. Paul Street NYDEC BCP #C828159

Report Number: 240-54439-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 8/14/2015 9:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.8º C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples TW-12 5.1' (240-54439-1) and TW-12 9.5' (240-54439-3) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were prepared on 08/23/2015 and analyzed on 08/25/2015.

Acetone and Toluene were detected in method blank MB 240-194430/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Refer to the QC report for details.

1,4-Dioxane failed the recovery criteria low for the MS of sample TW-12 5.1'MS (240-54439-1) in batch 240-194609. Several analytes exceeded the RPD limit for the MSD of sample TW-12 5.1'MSD (240-54439-1) in batch 240-194609. Refer to the QC report for details.

Sample TW-12 9.5' (240-54439-3)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The continuing calibration verification (CCV) analyzed in batch 194609 was outside the method criteria for the following analytes: 1,2,4-Trichlorobenzene and Methyl tert-butyl ether. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the

Job ID: 240-54439-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

affected analytes is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples TW-12 5.2'-5.9' (240-54439-2), TW-12 9.5'-9.8' (240-54439-4) and TW-12 13.4'-13.75' (240-54439-5) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were prepared on 08/20/2015 and analyzed on 09/17/2015.

These samples were kept in contact with methanol for 4 weeks prior to analysis, beginning on 8/20/15 . The samples were shak for 15 minutes on 8/21/15, 8/29/15, 9/5/15, and 9/11/15.

Methylene Chloride, m-Xylene & p-Xylene, Toluene and Xylenes, Total were detected in method blank MB 240-194142/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Refer to the QC report for details.

Vinyl chloride failed the recovery criteria low for LCS 240-194142/2-A. Refer to the QC report for details.

Sample TW-12 9.5'-9.8' (240-54439-4)[3.33X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The laboratory control sample (LCS) for 194142 recovered outside acceptance limits for Vinyl chloride. There was insufficient sample to perform a re-extraction or re-analysis; therefore, the data have been reported.

The following samples were analyzed outside of analytical holding time due to the special requirements of this project that was requested by the client: TW-12 5.2'-5.9' (240-54439-2), TW-12 9.5'-9.8' (240-54439-4), and TW-12 13.4'-13.75' (240-54439-5).

The continuing calibration verification (CCV) associated with batch 197851 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane, Bromomethane, Dichloro-difluoromethane, and trans-1,2-Dichloroethene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Sample TRIP BLANK (240-54439-6) was analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The sample was analyzed on 08/25/2015.

Acetone was detected in method blank MB 240-194659/7 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Refer to the QC report for details.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

PERCENT SOLIDS

Samples TW-12 5.1' (240-54439-1), TW-12 5.2'-5.9' (240-54439-2), TW-12 9.5' (240-54439-3), TW-12 9.5'-9.8' (240-54439-4) and TW-12 13.4'-13.75' (240-54439-5) were analyzed for percent solids in accordance with EPA Method 160.3 MOD. The samples were analyzed on 08/19/2015 and 08/20/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Method Summary

Client: LaBella Associates PC
Project/Site: 690 St. Paul Street NYDEC BCP #C828159

TestAmerica Job ID: 240-54439-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL CAN
Moisture	Percent Moisture	EPA	TAL CAN

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: LaBella Associates PC
Project/Site: 690 St. Paul Street NYDEC BCP #C828159

TestAmerica Job ID: 240-54439-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-54439-1	TW-12 5.1'	Solid	08/12/15 09:30	08/14/15 09:20
240-54439-2	TW-12 5.2'-5.9'	Rock	08/12/15 09:35	08/14/15 09:20
240-54439-3	TW-12 9.5'	Solid	08/13/15 14:45	08/14/15 09:20
240-54439-4	TW-12 9.5'-9.8'	Rock	08/13/15 14:50	08/14/15 09:20
240-54439-5	TW-12 13.4'-13.75'	Rock	08/13/15 15:30	08/14/15 09:20
240-54439-6	TRIP BLANK	Water	08/12/15 00:00	08/14/15 09:20

Detection Summary

Client: LaBella Associates PC
Project/Site: 690 St. Paul Street NYDEC BCP #C828159

TestAmerica Job ID: 240-54439-1

Client Sample ID: TW-12 5.1' — Lab Sample ID: 240-54439-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	510	F1	280	42	ug/Kg	1	☼	8260C	Total/NA
Tetrachloroethene	42	J F1	280	30	ug/Kg	1	☼	8260C	Total/NA
Toluene	19	J F1 B	280	11	ug/Kg	1	☼	8260C	Total/NA
Trichloroethene	7400	F1	280	43	ug/Kg	1	☼	8260C	Total/NA

Client Sample ID: TW-12 5.2'-5.9' — Lab Sample ID: 240-54439-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	680	H	320	48	ug/Kg	1		8260C	Total/NA
Toluene	19	J H B	320	13	ug/Kg	1		8260C	Total/NA
Trichloroethene	6500	H	320	49	ug/Kg	1		8260C	Total/NA

Client Sample ID: TW-12 9.5' — Lab Sample ID: 240-54439-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1200	J	2700	410	ug/Kg	10	☼	8260C	Total/NA
Methylene Chloride	1800	J	2700	930	ug/Kg	10	☼	8260C	Total/NA
Toluene	130	J B	2700	110	ug/Kg	10	☼	8260C	Total/NA
Trichloroethene	43000		2700	430	ug/Kg	10	☼	8260C	Total/NA

Client Sample ID: TW-12 9.5'-9.8' — Lab Sample ID: 240-54439-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1900	H	1100	160	ug/Kg	3.333		8260C	Total/NA
Toluene	42	J H B	1100	42	ug/Kg	3.333		8260C	Total/NA
Trichloroethene	34000	H	1100	160	ug/Kg	3.333		8260C	Total/NA

Client Sample ID: TW-12 13.4'-13.75' — Lab Sample ID: 240-54439-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	950	H	320	48	ug/Kg	1		8260C	Total/NA
Toluene	15	J H B	320	13	ug/Kg	1		8260C	Total/NA
Trichloroethene	59	J H	320	49	ug/Kg	1		8260C	Total/NA
Vinyl chloride	47	J H *	320	21	ug/Kg	1		8260C	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 240-54439-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	9.4	J B	10	0.94	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TW-12 5.1'
Date Collected: 08/12/15 09:30
Date Received: 08/14/15 09:20

Lab Sample ID: 240-54439-1
Matrix: Solid
Percent Solids: 86.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	30	U F1	280	30	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
1,1,2,2-Tetrachloroethane	28	U F1	280	28	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	47	U F1 F2	280	47	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
1,1,2-Trichloroethane	21	U F1	280	21	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
1,1-Dichloroethane	39	U F1	280	39	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
1,1-Dichloroethene	33	U F1	280	33	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
1,2,4-Trichlorobenzene	33	U F1 F2	280	33	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
1,2-Dibromo-3-Chloropropane	79	U F1	550	79	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
1,2-Dichlorobenzene	21	U F1	280	21	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
1,2-Dichloroethane	11	U F1	280	11	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
1,2-Dichloropropane	35	U F1	280	35	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
1,3-Dichlorobenzene	33	U F1	280	33	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
1,4-Dichlorobenzene	45	U F1	280	45	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
1,4-Dioxane	1500	U F1	14000	1500	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
2-Butanone (MEK)	81	U F1	1100	81	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
2-Hexanone	93	U F1	1100	93	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
4-Methyl-2-pentanone (MIBK)	62	U F1	1100	62	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
Acetone	250	U F1	1100	250	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
Benzene	10	U F1	280	10	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
Bromoform	68	U F1	280	68	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
Bromomethane	56	U F1 F2	280	56	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
Carbon disulfide	62	U F1	280	62	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
Carbon tetrachloride	20	U F1	280	20	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
Chlorobenzene	14	U F1	280	14	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
Chlorodibromomethane	22	U F1	280	22	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
Chloroethane	56	U F1 F2	280	56	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
Chloroform	40	U F1	280	40	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
Chloromethane	53	U F1 F2	280	53	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
cis-1,2-Dichloroethene	**510**	**F1**	280	42	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
cis-1,3-Dichloropropene	24	U F1	280	24	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
Cyclohexane	33	U F1	550	33	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
Dichlorodifluoromethane	68	U F1 F2	280	68	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
Dichlorobromomethane	42	U F1	280	42	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
Ethylbenzene	39	U F1	280	39	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
Isopropylbenzene	14	U F1	280	14	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
Methyl acetate	61	U F1	550	61	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
Methylcyclohexane	42	U F1	550	42	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
Methyl tert-butyl ether	33	U F1	280	33	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
Methylene Chloride	94	U F1	280	94	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
Styrene	30	U F1	280	30	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
Tetrachloroethene	**42**	**J F1**	280	30	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
Toluene	**19**	**J F1 B**	280	11	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
trans-1,2-Dichloroethene	29	U F1	280	29	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
trans-1,3-Dichloropropene	29	U F1	280	29	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
Trichloroethene	**7400**	**F1**	280	43	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
Trichlorofluoromethane	39	U F1	280	39	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
Vinyl chloride	19	U F1 F2	280	19	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
Xylenes, Total	35	U	550	35	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1
Ethylene Dibromide	35	U F1	280	35	ug/Kg	☼	08/23/15 15:47	08/25/15 04:31	1

Client Sample ID: TW-12 5.1'
Date Collected: 08/12/15 09:30
Date Received: 08/14/15 09:20

Lab Sample ID: 240-54439-1
Matrix: Solid
Percent Solids: 86.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*78*		*33 - 134*	*08/23/15 15:47*	*08/25/15 04:31*	*1*
Dibromofluoromethane (Surr)	*76*		*30 - 122*	*08/23/15 15:47*	*08/25/15 04:31*	*1*
4-Bromofluorobenzene (Surr)	*88*		*26 - 141*	*08/23/15 15:47*	*08/25/15 04:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*81*		*39 - 128*	*08/23/15 15:47*	*08/25/15 04:31*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**87**		0.10	0.10	%			08/20/15 13:35	1
Percent Moisture	**13**		0.10	0.10	%			08/20/15 13:35	1

Client Sample ID: TW-12 5.2'-5.9'
Date Collected: 08/12/15 09:35
Date Received: 08/14/15 09:20

Lab Sample ID: 240-54439-2
Matrix: Rock

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	34	U H	320	34	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
1,1,2,2-Tetrachloroethane	32	U H	320	32	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	53	U H	320	53	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
1,1,2-Trichloroethane	24	U H	320	24	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
1,1-Dichloroethane	44	U H	320	44	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
1,1-Dichloroethene	38	U H	320	38	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
1,2,4-Trichlorobenzene	38	U H	320	38	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
1,2-Dibromo-3-Chloropropane	90	U H	630	90	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
Ethylene Dibromide	40	U H	320	40	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
1,2-Dichlorobenzene	24	U H	320	24	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
1,2-Dichloroethane	13	U H	320	13	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
1,2-Dichloropropane	40	U H	320	40	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
1,3-Dichlorobenzene	38	U H	320	38	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
1,4-Dichlorobenzene	52	U H	320	52	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
2-Butanone (MEK)	92	U H	1300	92	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
2-Hexanone	110	U H	1300	110	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
4-Methyl-2-pentanone (MIBK)	71	U H	1300	71	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
Acetone	290	U H	1300	290	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
Benzene	11	U H	320	11	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
Dichlorobromomethane	48	U H	320	48	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
Bromoform	77	U H	320	77	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
Bromomethane	65	U H	320	65	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
Carbon disulfide	71	U H	320	71	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
Carbon tetrachloride	23	U H	320	23	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
Chlorobenzene	16	U H	320	16	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
Chloroethane	65	U H	320	65	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
Chloroform	46	U H	320	46	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
Chloromethane	61	U H	320	61	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
cis-1,2-Dichloroethene	**680**	**H**	320	48	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
cis-1,3-Dichloropropene	28	U H	320	28	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
1,4-Dioxane	1700	U H	16000	1700	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
Cyclohexane	38	U H	630	38	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
Chlorodibromomethane	25	U H	320	25	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
Dichlorodifluoromethane	77	U H	320	77	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
Ethylbenzene	44	U H	320	44	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
Isopropylbenzene	16	U H	320	16	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
Methyl acetate	70	U H	630	70	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
Methyl tert-butyl ether	38	U H	320	38	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
Methylcyclohexane	48	U H	630	48	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
Methylene Chloride	110	U H	320	110	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
Styrene	34	U H	320	34	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
Tetrachloroethene	34	U H	320	34	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
Toluene	**19**	**J H B**	320	13	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
trans-1,2-Dichloroethene	33	U H	320	33	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
trans-1,3-Dichloropropene	33	U H	320	33	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
Trichloroethene	**6500**	**H**	320	49	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
Trichlorofluoromethane	44	U H	320	44	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
Vinyl chloride	22	U H *	320	22	ug/Kg		08/20/15 13:32	09/17/15 11:46	1
Xylenes, Total	40	U H	630	40	ug/Kg		08/20/15 13:32	09/17/15 11:46	1

Client Sample ID: TW-12 5.2'-5.9'
Date Collected: 08/12/15 09:35
Date Received: 08/14/15 09:20

Lab Sample ID: 240-54439-2
Matrix: Rock

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*90*		*33 - 134*	*08/20/15 13:32*	*09/17/15 11:46*	*1*
Dibromofluoromethane (Surr)	*86*		*30 - 122*	*08/20/15 13:32*	*09/17/15 11:46*	*1*
4-Bromofluorobenzene (Surr)	*102*		*26 - 141*	*08/20/15 13:32*	*09/17/15 11:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*81*		*39 - 128*	*08/20/15 13:32*	*09/17/15 11:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**100**		0.10	0.10	%			08/19/15 08:38	1
Percent Moisture	**0.48**		0.10	0.10	%			08/19/15 08:38	1

Client Sample ID: TW-12 9.5'
Date Collected: 08/13/15 14:45
Date Received: 08/14/15 09:20

Lab Sample ID: 240-54439-3
Matrix: Solid
Percent Solids: 89.8

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	290	U	2700	290	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
1,1,2,2-Tetrachloroethane	270	U	2700	270	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
1,1,2-Trichloro-1,2,2-trifluoroethane	460	U	2700	460	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
1,1,2-Trichloroethane	210	U	2700	210	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
1,1-Dichloroethane	380	U	2700	380	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
1,1-Dichloroethene	330	U	2700	330	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
1,2,4-Trichlorobenzene	330	U	2700	330	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
1,2-Dibromo-3-Chloropropane	780	U	5500	780	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
1,2-Dichlorobenzene	210	U	2700	210	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
1,2-Dichloroethane	110	U	2700	110	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
1,2-Dichloropropane	350	U	2700	350	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
1,3-Dichlorobenzene	330	U	2700	330	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
1,4-Dichlorobenzene	450	U	2700	450	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
1,4-Dioxane	15000	U	140000	15000	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
2-Butanone (MEK)	800	U	11000	800	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
2-Hexanone	920	U	11000	920	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
4-Methyl-2-pentanone (MIBK)	610	U	11000	610	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
Acetone	2500	U	11000	2500	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
Benzene	98	U	2700	98	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
Bromoform	670	U	2700	670	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
Bromomethane	560	U	2700	560	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
Carbon disulfide	610	U	2700	610	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
Carbon tetrachloride	200	U	2700	200	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
Chlorobenzene	140	U	2700	140	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
Chlorodibromomethane	220	U	2700	220	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
Chloroethane	560	U	2700	560	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
Chloroform	390	U	2700	390	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
Chloromethane	520	U	2700	520	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
cis-1,2-Dichloroethene	**1200**	**J**	2700	410	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
cis-1,3-Dichloropropene	240	U	2700	240	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
Cyclohexane	330	U	5500	330	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
Dichlorodifluoromethane	670	U	2700	670	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
Dichlorobromomethane	410	U	2700	410	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
Ethylbenzene	380	U	2700	380	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
Isopropylbenzene	140	U	2700	140	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
Methyl acetate	600	U	5500	600	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
Methylcyclohexane	410	U	5500	410	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
Methyl tert-butyl ether	330	U	2700	330	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
Methylene Chloride	**1800**	**J**	2700	930	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
Styrene	290	U	2700	290	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
Tetrachloroethene	290	U	2700	290	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
Toluene	**130**	**J B**	2700	110	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
trans-1,2-Dichloroethene	280	U	2700	280	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
trans-1,3-Dichloropropene	280	U	2700	280	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
Trichloroethene	**43000**		2700	430	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
Trichlorofluoromethane	380	U	2700	380	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
Vinyl chloride	190	U	2700	190	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
Xylenes, Total	350	U	5500	350	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10
Ethylene Dibromide	350	U	2700	350	ug/Kg	☼	08/23/15 15:47	08/25/15 04:52	10

Client: LaBella Associates PC
Project/Site: 690 St. Paul Street NYDEC BCP #C828159

TestAmerica Job ID: 240-54439-1

Client Sample ID: TW-12 9.5'
Date Collected: 08/13/15 14:45
Date Received: 08/14/15 09:20

Lab Sample ID: 240-54439-3
Matrix: Solid
Percent Solids: 89.8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*109*		*33 - 134*	*08/23/15 15:47*	*08/25/15 04:52*	*10*
Dibromofluoromethane (Surr)	*98*		*30 - 122*	*08/23/15 15:47*	*08/25/15 04:52*	*10*
4-Bromofluorobenzene (Surr)	*75*		*26 - 141*	*08/23/15 15:47*	*08/25/15 04:52*	*10*
1,2-Dichloroethane-d4 (Surr)	*99*		*39 - 128*	*08/23/15 15:47*	*08/25/15 04:52*	*10*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**90**		0.10	0.10	%			08/20/15 13:35	1
Percent Moisture	**10**		0.10	0.10	%			08/20/15 13:35	1

Client Sample ID: TW-12 9.5'-9.8'
Date Collected: 08/13/15 14:50
Date Received: 08/14/15 09:20

Lab Sample ID: 240-54439-4
Matrix: Rock

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	110	U H	1100	110	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
1,1,2,2-Tetrachloroethane	110	U H	1100	110	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
1,1,2-Trichloro-1,2,2-trifluoroethane	180	U H	1100	180	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
1,1,2-Trichloroethane	80	U H	1100	80	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
1,1-Dichloroethane	150	U H	1100	150	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
1,1-Dichloroethene	130	U H	1100	130	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
1,2,4-Trichlorobenzene	130	U H	1100	130	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
1,2-Dibromo-3-Chloropropane	300	U H	2100	300	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
Ethylene Dibromide	130	U H	1100	130	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
1,2-Dichlorobenzene	80	U H	1100	80	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
1,2-Dichloroethane	42	U H	1100	42	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
1,2-Dichloropropane	130	U H	1100	130	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
1,3-Dichlorobenzene	130	U H	1100	130	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
1,4-Dichlorobenzene	170	U H	1100	170	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
2-Butanone (MEK)	310	U H	4200	310	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
2-Hexanone	350	U H	4200	350	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
4-Methyl-2-pentanone (MIBK)	240	U H	4200	240	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
Acetone	950	U H	4200	950	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
Benzene	38	U H	1100	38	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
Dichlorobromomethane	160	U H	1100	160	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
Bromoform	260	U H	1100	260	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
Bromomethane	210	U H	1100	210	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
Carbon disulfide	240	U H	1100	240	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
Carbon tetrachloride	76	U H	1100	76	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
Chlorobenzene	55	U H	1100	55	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
Chloroethane	210	U H	1100	210	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
Chloroform	150	U H	1100	150	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
Chloromethane	200	U H	1100	200	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
cis-1,2-Dichloroethene	**1900**	**H**	1100	160	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
cis-1,3-Dichloropropene	93	U H	1100	93	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
1,4-Dioxane	5800	U H	53000	5800	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
Cyclohexane	130	U H	2100	130	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
Chlorodibromomethane	84	U H	1100	84	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
Dichlorodifluoromethane	260	U H	1100	260	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
Ethylbenzene	150	U H	1100	150	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
Isopropylbenzene	55	U H	1100	55	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
Methyl acetate	230	U H	2100	230	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
Methyl tert-butyl ether	130	U H	1100	130	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
Methylcyclohexane	160	U H	2100	160	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
Methylene Chloride	360	U H	1100	360	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
Styrene	110	U H	1100	110	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
Tetrachloroethene	110	U H	1100	110	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
Toluene	**42**	**J H B**	1100	42	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
trans-1,2-Dichloroethene	110	U H	1100	110	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
trans-1,3-Dichloropropene	110	U H	1100	110	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
Trichloroethene	**34000**	**H**	1100	160	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
Trichlorofluoromethane	150	U H	1100	150	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
Vinyl chloride	72	U H *	1100	72	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333
Xylenes, Total	130	U H	2100	130	ug/Kg		08/20/15 13:32	09/17/15 12:51	3.333

Client Sample ID: TW-12 9.5'-9.8'
Date Collected: 08/13/15 14:50
Date Received: 08/14/15 09:20

Lab Sample ID: 240-54439-4
Matrix: Rock

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*57*		*33 - 134*	*08/20/15 13:32*	*09/17/15 12:51*	*3.333*
Dibromofluoromethane (Surr)	*47*		*30 - 122*	*08/20/15 13:32*	*09/17/15 12:51*	*3.333*
4-Bromofluorobenzene (Surr)	*47*		*26 - 141*	*08/20/15 13:32*	*09/17/15 12:51*	*3.333*
1,2-Dichloroethane-d4 (Surr)	*41*		*39 - 128*	*08/20/15 13:32*	*09/17/15 12:51*	*3.333*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**99**		0.10	0.10	%			08/19/15 08:38	1
Percent Moisture	**0.68**		0.10	0.10	%			08/19/15 08:38	1

Client Sample ID: TW-12 13.4'-13.75'
Date Collected: 08/13/15 15:30
Date Received: 08/14/15 09:20

Lab Sample ID: 240-54439-5
Matrix: Rock

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	34	U H	320	34	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
1,1,2,2-Tetrachloroethane	32	U H	320	32	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	53	U H	320	53	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
1,1,2-Trichloroethane	24	U H	320	24	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
1,1-Dichloroethane	44	U H	320	44	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
1,1-Dichloroethene	38	U H	320	38	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
1,2,4-Trichlorobenzene	38	U H	320	38	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
1,2-Dibromo-3-Chloropropane	90	U H	630	90	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
Ethylene Dibromide	40	U H	320	40	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
1,2-Dichlorobenzene	24	U H	320	24	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
1,2-Dichloroethane	13	U H	320	13	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
1,2-Dichloropropane	40	U H	320	40	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
1,3-Dichlorobenzene	38	U H	320	38	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
1,4-Dichlorobenzene	52	U H	320	52	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
2-Butanone (MEK)	92	U H	1300	92	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
2-Hexanone	110	U H	1300	110	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
4-Methyl-2-pentanone (MIBK)	71	U H	1300	71	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
Acetone	290	U H	1300	290	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
Benzene	11	U H	320	11	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
Dichlorobromomethane	48	U H	320	48	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
Bromoform	77	U H	320	77	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
Bromomethane	64	U H	320	64	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
Carbon disulfide	71	U H	320	71	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
Carbon tetrachloride	23	U H	320	23	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
Chlorobenzene	16	U H	320	16	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
Chloroethane	64	U H	320	64	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
Chloroform	46	U H	320	46	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
Chloromethane	61	U H	320	61	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
cis-1,2-Dichloroethene	**950**	**H**	320	48	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
cis-1,3-Dichloropropene	28	U H	320	28	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
1,4-Dioxane	1700	U H	16000	1700	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
Cyclohexane	38	U H	630	38	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
Chlorodibromomethane	25	U H	320	25	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
Dichlorodifluoromethane	77	U H	320	77	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
Ethylbenzene	44	U H	320	44	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
Isopropylbenzene	16	U H	320	16	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
Methyl acetate	70	U H	630	70	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
Methyl tert-butyl ether	38	U H	320	38	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
Methylcyclohexane	48	U H	630	48	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
Methylene Chloride	110	U H	320	110	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
Styrene	34	U H	320	34	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
Tetrachloroethene	34	U H	320	34	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
Toluene	**15**	**J H B**	320	13	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
trans-1,2-Dichloroethene	33	U H	320	33	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
trans-1,3-Dichloropropene	33	U H	320	33	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
Trichloroethene	**59**	**J H**	320	49	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
Trichlorofluoromethane	44	U H	320	44	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
Vinyl chloride	**47**	**J H ***	320	21	ug/Kg		08/20/15 13:32	09/17/15 12:29	1
Xylenes, Total	40	U H	630	40	ug/Kg		08/20/15 13:32	09/17/15 12:29	1

Client: LaBella Associates PC
Project/Site: 690 St. Paul Street NYDEC BCP #C828159

TestAmerica Job ID: 240-54439-1

Client Sample ID: TW-12 13.4'-13.75'
Date Collected: 08/13/15 15:30
Date Received: 08/14/15 09:20

Lab Sample ID: 240-54439-5
Matrix: Rock

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	88		33 - 134	08/20/15 13:32	09/17/15 12:29	1
Dibromofluoromethane (Surr)	82		30 - 122	08/20/15 13:32	09/17/15 12:29	1
4-Bromofluorobenzene (Surr)	99		26 - 141	08/20/15 13:32	09/17/15 12:29	1
1,2-Dichloroethane-d4 (Surr)	78		39 - 128	08/20/15 13:32	09/17/15 12:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	100		0.10	0.10	%			08/19/15 08:38	1
Percent Moisture	0.44		0.10	0.10	%			08/19/15 08:38	1

Client Sample ID: TRIP BLANK

Date Collected: 08/12/15 00:00
Date Received: 08/14/15 09:20

Lab Sample ID: 240-54439-6

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.44	U	1.0	0.44	ug/L			08/25/15 11:28	1
1,1,2,2-Tetrachloroethane	0.22	U	1.0	0.22	ug/L			08/25/15 11:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.45	U	1.0	0.45	ug/L			08/25/15 11:28	1
1,1,2-Trichloroethane	0.24	U	1.0	0.24	ug/L			08/25/15 11:28	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			08/25/15 11:28	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/25/15 11:28	1
1,2,4-Trichlorobenzene	0.32	U	1.0	0.32	ug/L			08/25/15 11:28	1
1,2-Dibromo-3-Chloropropane	0.82	U	2.0	0.82	ug/L			08/25/15 11:28	1
1,2-Dichlorobenzene	0.25	U	1.0	0.25	ug/L			08/25/15 11:28	1
1,2-Dichloroethane	0.23	U	1.0	0.23	ug/L			08/25/15 11:28	1
1,2-Dichloropropane	0.25	U	1.0	0.25	ug/L			08/25/15 11:28	1
1,3-Dichlorobenzene	0.19	U	1.0	0.19	ug/L			08/25/15 11:28	1
1,4-Dichlorobenzene	0.27	U	1.0	0.27	ug/L			08/25/15 11:28	1
1,4-Dioxane	40	U	50	40	ug/L			08/25/15 11:28	1
2-Butanone (MEK)	0.53	U	10	0.53	ug/L			08/25/15 11:28	1
2-Hexanone	0.48	U	10	0.48	ug/L			08/25/15 11:28	1
4-Methyl-2-pentanone (MIBK)	0.99	U	10	0.99	ug/L			08/25/15 11:28	1
Acetone	**9.4**	**J B**	10	0.94	ug/L			08/25/15 11:28	1
Benzene	0.35	U	1.0	0.35	ug/L			08/25/15 11:28	1
Bromoform	0.56	U	1.0	0.56	ug/L			08/25/15 11:28	1
Bromomethane	0.44	U	1.0	0.44	ug/L			08/25/15 11:28	1
Carbon disulfide	0.38	U	1.0	0.38	ug/L			08/25/15 11:28	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/25/15 11:28	1
Chlorobenzene	0.25	U	1.0	0.25	ug/L			08/25/15 11:28	1
Chlorodibromomethane	0.43	U	1.0	0.43	ug/L			08/25/15 11:28	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/25/15 11:28	1
Chloroform	0.25	U	1.0	0.25	ug/L			08/25/15 11:28	1
Chloromethane	0.44	U	1.0	0.44	ug/L			08/25/15 11:28	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			08/25/15 11:28	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			08/25/15 11:28	1
Cyclohexane	0.45	U	1.0	0.45	ug/L			08/25/15 11:28	1
Dichlorodifluoromethane	0.32	U	1.0	0.32	ug/L			08/25/15 11:28	1
Dichlorobromomethane	0.29	U	1.0	0.29	ug/L			08/25/15 11:28	1
Ethylbenzene	0.25	U	1.0	0.25	ug/L			08/25/15 11:28	1
Isopropylbenzene	0.35	U	1.0	0.35	ug/L			08/25/15 11:28	1
Methyl acetate	2.3	U	10	2.3	ug/L			08/25/15 11:28	1
Methylcyclohexane	0.43	U	1.0	0.43	ug/L			08/25/15 11:28	1
Methyl tert-butyl ether	0.20	U	1.0	0.20	ug/L			08/25/15 11:28	1
Methylene Chloride	0.33	U	1.0	0.33	ug/L			08/25/15 11:28	1
Styrene	0.45	U	1.0	0.45	ug/L			08/25/15 11:28	1
Tetrachloroethene	0.31	U	1.0	0.31	ug/L			08/25/15 11:28	1
Toluene	0.23	U	1.0	0.23	ug/L			08/25/15 11:28	1
trans-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			08/25/15 11:28	1
trans-1,3-Dichloropropene	0.56	U	1.0	0.56	ug/L			08/25/15 11:28	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			08/25/15 11:28	1
Trichlorofluoromethane	0.49	U	1.0	0.49	ug/L			08/25/15 11:28	1
Vinyl chloride	0.29	U	1.0	0.29	ug/L			08/25/15 11:28	1
Xylenes, Total	0.52	U	2.0	0.52	ug/L			08/25/15 11:28	1
Ethylene Dibromide	0.32	U	1.0	0.32	ug/L			08/25/15 11:28	1

Client: LaBella Associates PC
Project/Site: 690 St. Paul Street NYDEC BCP #C828159

TestAmerica Job ID: 240-54439-1

Client Sample ID: TRIP BLANK
Date Collected: 08/12/15 00:00
Date Received: 08/14/15 09:20

Lab Sample ID: 240-54439-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	87		80 - 120		08/25/15 11:28	1
Dibromofluoromethane (Surr)	97		79 - 120		08/25/15 11:28	1
4-Bromofluorobenzene (Surr)	92		61 - 120		08/25/15 11:28	1
1,2-Dichloroethane-d4 (Surr)	97		78 - 125		08/25/15 11:28	1

Surrogate Summary

Client: LaBella Associates PC
Project/Site: 690 St. Paul Street NYDEC BCP #C828159

TestAmerica Job ID: 240-54439-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Rock — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	12DCE
Lab Sample ID	Client Sample ID	(33-134)	(30-122)	(26-141)	(39-128)
240-54439-2	TW-12 5.2'-5.9'	90	86	102	81
240-54439-4	TW-12 9.5'-9.8'	57	47	47	41
240-54439-5	TW-12 13.4'-13.75'	88	82	99	78

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
12DCE = 1,2-Dichloroethane-d4 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	12DCE
Lab Sample ID	Client Sample ID	(33-134)	(30-122)	(26-141)	(39-128)
240-54439-1	TW-12 5.1'	78	76	88	81
240-54439-1 MS	TW-12 5.1'	78	79	84	79
240-54439-1 MSD	TW-12 5.1'	81	82	96	85
240-54439-3	TW-12 9.5'	109	98	75	99
LCS 240-194142/2-A	Lab Control Sample	80	88	95	73
LCS 240-194430/2-A	Lab Control Sample	94	95	105	100
MB 240-194142/1-A	Method Blank	86	87	101	79
MB 240-194430/1-A	Method Blank	90	89	102	96

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
12DCE = 1,2-Dichloroethane-d4 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	12DCE
Lab Sample ID	Client Sample ID	(80-120)	(79-120)	(61-120)	(78-125)
240-54439-6	TRIP BLANK	87	97	92	97
LCS 240-194659/5	Lab Control Sample	95	97	103	94
MB 240-194659/7	Method Blank	95	102	98	101

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
12DCE = 1,2-Dichloroethane-d4 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-194142/1-A
Matrix: Solid
Analysis Batch: 197851

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 194142

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	27	U	250	27	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
1,1,2,2-Tetrachloroethane	25	U	250	25	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	42	U	250	42	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
1,1,2-Trichloroethane	19	U	250	19	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
1,1-Dichloroethane	35	U	250	35	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
1,1-Dichloroethene	30	U	250	30	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
1,2,4-Trichlorobenzene	30	U	250	30	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
1,2-Dibromo-3-Chloropropane	71	U	500	71	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
1,2-Dichlorobenzene	19	U	250	19	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
1,2-Dichloroethane	10	U	250	10	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
1,2-Dichloropropane	32	U	250	32	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
1,3-Dichlorobenzene	30	U	250	30	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
1,4-Dichlorobenzene	41	U	250	41	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
2-Butanone (MEK)	73	U	1000	73	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
2-Hexanone	84	U	1000	84	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
4-Methyl-2-pentanone (MIBK)	56	U	1000	56	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
Acetone	230	U	1000	230	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
Benzene	9.0	U	250	9.0	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
Bromoform	61	U	250	61	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
Bromomethane	51	U	250	51	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
Carbon disulfide	56	U	250	56	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
Carbon tetrachloride	18	U	250	18	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
Chlorobenzene	13	U	250	13	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
Chloroethane	51	U	250	51	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
Chloroform	36	U	250	36	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
Chloromethane	48	U	250	48	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
cis-1,2-Dichloroethene	38	U	250	38	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
cis-1,3-Dichloropropene	22	U	250	22	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
Dichlorobromomethane	38	U	250	38	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
1,4-Dioxane	1400	U	13000	1400	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
Cyclohexane	30	U	500	30	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
Chlorodibromomethane	20	U	250	20	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
Dichlorodifluoromethane	61	U	250	61	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
Ethylbenzene	35	U	250	35	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
Isopropylbenzene	13	U	250	13	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
Methyl acetate	55	U	500	55	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
Methyl tert-butyl ether	30	U	250	30	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
Methylcyclohexane	38	U	500	38	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
Methylene Chloride	111	J	250	85	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
Styrene	27	U	250	27	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
Tetrachloroethene	27	U	250	27	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
Toluene	47.0	J	250	10	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
trans-1,2-Dichloroethene	26	U	250	26	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
trans-1,3-Dichloropropene	26	U	250	26	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
Trichloroethene	39	U	250	39	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
Trichlorofluoromethane	35	U	250	35	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
Ethylene Dibromide	32	U	250	32	ug/Kg		08/20/15 13:32	09/17/15 11:25	1
Vinyl chloride	17	U	250	17	ug/Kg		08/20/15 13:32	09/17/15 11:25	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-194142/1-A
Matrix: Solid
Analysis Batch: 197851

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 194142

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	41.4	J	500	32	ug/Kg		08/20/15 13:32	09/17/15 11:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*86*		*33 - 134*	*08/20/15 13:32*	*09/17/15 11:25*	*1*
Dibromofluoromethane (Surr)	*87*		*30 - 122*	*08/20/15 13:32*	*09/17/15 11:25*	*1*
4-Bromofluorobenzene (Surr)	*101*		*26 - 141*	*08/20/15 13:32*	*09/17/15 11:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*79*		*39 - 128*	*08/20/15 13:32*	*09/17/15 11:25*	*1*

Lab Sample ID: LCS 240-194142/2-A
Matrix: Solid
Analysis Batch: 197851

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 194142

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	1000	570		ug/Kg		57	38 - 122
1,1,2,2-Tetrachloroethane	1000	911		ug/Kg		91	54 - 121
1,1,2-Trichloro-1,2,2-trifluoroethane	1000	649		ug/Kg		65	48 - 151
1,1,2-Trichloroethane	1000	970		ug/Kg		97	74 - 120
1,1-Dichloroethane	1000	694		ug/Kg		69	63 - 120
1,1-Dichloroethene	1000	538		ug/Kg		54	44 - 143
1,2,4-Trichlorobenzene	1000	582		ug/Kg		58	41 - 135
1,2-Dibromo-3-Chloropropane	1000	694		ug/Kg		69	10 - 129
1,2-Dichlorobenzene	1000	801		ug/Kg		80	68 - 120
1,2-Dichloroethane	1000	676		ug/Kg		68	68 - 120
1,2-Dichloropropane	1000	903		ug/Kg		90	73 - 120
1,3-Dichlorobenzene	1000	887		ug/Kg		89	66 - 121
1,4-Dichlorobenzene	1000	922		ug/Kg		92	65 - 120
2-Butanone (MEK)	2000	1600		ug/Kg		80	10 - 199
2-Hexanone	2000	1580		ug/Kg		79	43 - 130
4-Methyl-2-pentanone (MIBK)	2000	1710		ug/Kg		85	49 - 121
Acetone	2000	1030		ug/Kg		51	16 - 156
Benzene	1000	811		ug/Kg		81	70 - 120
Bromoform	1000	743		ug/Kg		74	10 - 120
Bromomethane	1000	164	J	ug/Kg		16	10 - 120
Carbon disulfide	1000	249	J	ug/Kg		25	10 - 132
Carbon tetrachloride	1000	480		ug/Kg		48	29 - 120
Chlorobenzene	1000	883		ug/Kg		88	71 - 120
Chloroethane	1000	225	J	ug/Kg		22	10 - 120
Chloroform	1000	754		ug/Kg		75	63 - 120
Chloromethane	1000	276		ug/Kg		28	25 - 120
cis-1,2-Dichloroethene	1000	814		ug/Kg		81	60 - 125
cis-1,3-Dichloropropene	1000	811		ug/Kg		81	25 - 120
Dichlorobromomethane	1000	763		ug/Kg		76	28 - 123
1,4-Dioxane	20000	15700		ug/Kg		78	50 - 150
Cyclohexane	1000	506		ug/Kg		51	40 - 120
Chlorodibromomethane	1000	787		ug/Kg		79	22 - 120
Dichlorodifluoromethane	1000	259		ug/Kg		26	10 - 120
Ethylbenzene	1000	909		ug/Kg		91	66 - 120

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-194142/2-A
Matrix: Solid
Analysis Batch: 197851

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 194142

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Isopropylbenzene	1000	869		ug/Kg		87	61 - 123
Methyl acetate	5000	4030		ug/Kg		81	44 - 173
Methyl tert-butyl ether	1000	648		ug/Kg		65	34 - 157
Methylcyclohexane	1000	674		ug/Kg		67	41 - 133
Methylene Chloride	1000	859		ug/Kg		86	27 - 172
Styrene	1000	901		ug/Kg		90	60 - 120
Tetrachloroethene	1000	797		ug/Kg		80	58 - 131
Toluene	1000	972		ug/Kg		97	66 - 123
trans-1,2-Dichloroethene	1000	680		ug/Kg		68	58 - 121
trans-1,3-Dichloropropene	1000	699		ug/Kg		70	22 - 122
Trichloroethene	1000	890		ug/Kg		89	59 - 124
Trichlorofluoromethane	1000	377		ug/Kg		38	17 - 145
Ethylene Dibromide	1000	904		ug/Kg		90	47 - 123
Vinyl chloride	1000	308	*	ug/Kg		31	33 - 120
Xylenes, Total	2000	1970		ug/Kg		98	68 - 120
m-Xylene & p-Xylene	1000	1060		ug/Kg		106	67 - 120
o-Xylene	1000	907		ug/Kg		91	68 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*80*		*33 - 134*
Dibromofluoromethane (Surr)	*88*		*30 - 122*
4-Bromofluorobenzene (Surr)	*95*		*26 - 141*
1,2-Dichloroethane-d4 (Surr)	*73*		*39 - 128*

Lab Sample ID: MB 240-194430/1-A
Matrix: Solid
Analysis Batch: 194609

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 194430

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	27	U	250	27	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
1,1,2,2-Tetrachloroethane	25	U	250	25	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	42	U	250	42	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
1,1,2-Trichloroethane	19	U	250	19	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
1,1-Dichloroethane	35	U	250	35	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
1,1-Dichloroethene	30	U	250	30	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
1,2,4-Trichlorobenzene	30	U	250	30	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
1,2-Dibromo-3-Chloropropane	71	U	500	71	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
1,2-Dichlorobenzene	19	U	250	19	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
1,2-Dichloroethane	10	U	250	10	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
1,2-Dichloropropane	32	U	250	32	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
1,3-Dichlorobenzene	30	U	250	30	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
1,4-Dichlorobenzene	41	U	250	41	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
2-Butanone (MEK)	73	U	1000	73	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
2-Hexanone	84	U	1000	84	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
4-Methyl-2-pentanone (MIBK)	56	U	1000	56	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
Acetone	249	J	1000	230	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
Benzene	9.0	U	250	9.0	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
Bromoform	61	U	250	61	ug/Kg		08/23/15 15:47	08/25/15 03:49	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-194430/1-A
Matrix: Solid
Analysis Batch: 194609

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 194430

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	51	U	250	51	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
Carbon disulfide	56	U	250	56	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
Carbon tetrachloride	18	U	250	18	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
Chlorobenzene	13	U	250	13	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
Chloroethane	51	U	250	51	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
Chloroform	36	U	250	36	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
Chloromethane	48	U	250	48	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
cis-1,2-Dichloroethene	38	U	250	38	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
cis-1,3-Dichloropropene	22	U	250	22	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
Dichlorobromomethane	38	U	250	38	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
1,4-Dioxane	1400	U	13000	1400	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
Cyclohexane	30	U	500	30	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
Chlorodibromomethane	20	U	250	20	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
Dichlorodifluoromethane	61	U	250	61	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
Ethylbenzene	35	U	250	35	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
Isopropylbenzene	13	U	250	13	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
Methyl acetate	55	U	500	55	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
Methyl tert-butyl ether	30	U	250	30	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
Methylcyclohexane	38	U	500	38	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
Methylene Chloride	85	U	250	85	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
Styrene	27	U	250	27	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
Tetrachloroethene	27	U	250	27	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
Toluene	14.3	J	250	10	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
trans-1,2-Dichloroethene	26	U	250	26	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
trans-1,3-Dichloropropene	26	U	250	26	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
Trichloroethene	39	U	250	39	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
Trichlorofluoromethane	35	U	250	35	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
Ethylene Dibromide	32	U	250	32	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
Vinyl chloride	17	U	250	17	ug/Kg		08/23/15 15:47	08/25/15 03:49	1
Xylenes, Total	32	U	500	32	ug/Kg		08/23/15 15:47	08/25/15 03:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*90*		*33 - 134*	*08/23/15 15:47*	*08/25/15 03:49*	*1*
Dibromofluoromethane (Surr)	*89*		*30 - 122*	*08/23/15 15:47*	*08/25/15 03:49*	*1*
4-Bromofluorobenzene (Surr)	*102*		*26 - 141*	*08/23/15 15:47*	*08/25/15 03:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*39 - 128*	*08/23/15 15:47*	*08/25/15 03:49*	*1*

Lab Sample ID: LCS 240-194430/2-A
Matrix: Solid
Analysis Batch: 194609

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 194430

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	1000	747		ug/Kg		75	38 - 122
1,1,2,2-Tetrachloroethane	1000	856		ug/Kg		86	54 - 121
1,1,2-Trichloro-1,2,2-trifluoroethane	1000	798		ug/Kg		80	48 - 151
1,1,2-Trichloroethane	1000	919		ug/Kg		92	74 - 120
1,1-Dichloroethane	1000	927		ug/Kg		93	63 - 120

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-194430/2-A
Matrix: Solid
Analysis Batch: 194609

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 194430

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	1000	794		ug/Kg		79	44 - 143
1,2,4-Trichlorobenzene	1000	773		ug/Kg		77	41 - 135
1,2-Dibromo-3-Chloropropane	1000	760		ug/Kg		76	10 - 129
1,2-Dichlorobenzene	1000	853		ug/Kg		85	68 - 120
1,2-Dichloroethane	1000	885		ug/Kg		88	68 - 120
1,2-Dichloropropane	1000	956		ug/Kg		96	73 - 120
1,3-Dichlorobenzene	1000	845		ug/Kg		85	66 - 121
1,4-Dichlorobenzene	1000	845		ug/Kg		84	65 - 120
2-Butanone (MEK)	2000	1770		ug/Kg		88	10 - 199
2-Hexanone	2000	1610		ug/Kg		81	43 - 130
4-Methyl-2-pentanone (MIBK)	2000	1740		ug/Kg		87	49 - 121
Acetone	2000	1850		ug/Kg		93	16 - 156
Benzene	1000	927		ug/Kg		93	70 - 120
Bromoform	1000	788		ug/Kg		79	10 - 120
Bromomethane	1000	613		ug/Kg		61	10 - 120
Carbon disulfide	1000	647		ug/Kg		65	10 - 132
Carbon tetrachloride	1000	706		ug/Kg		71	29 - 120
Chlorobenzene	1000	911		ug/Kg		91	71 - 120
Chloroethane	1000	533		ug/Kg		53	10 - 120
Chloroform	1000	895		ug/Kg		89	63 - 120
Chloromethane	1000	675		ug/Kg		67	25 - 120
cis-1,2-Dichloroethene	1000	921		ug/Kg		92	60 - 125
cis-1,3-Dichloropropene	1000	836		ug/Kg		84	25 - 120
Dichlorobromomethane	1000	846		ug/Kg		85	28 - 123
1,4-Dioxane	20000	15000		ug/Kg		75	50 - 150
Cyclohexane	1000	822		ug/Kg		82	40 - 120
Chlorodibromomethane	1000	857		ug/Kg		86	22 - 120
Dichlorodifluoromethane	1000	412		ug/Kg		41	10 - 120
Ethylbenzene	1000	892		ug/Kg		89	66 - 120
Isopropylbenzene	1000	963		ug/Kg		96	61 - 123
Methyl acetate	5000	4890		ug/Kg		98	44 - 173
Methyl tert-butyl ether	1000	804		ug/Kg		80	34 - 157
Methylcyclohexane	1000	847		ug/Kg		85	41 - 133
Methylene Chloride	1000	993		ug/Kg		99	27 - 172
Styrene	1000	874		ug/Kg		87	60 - 120
Tetrachloroethene	1000	906		ug/Kg		91	58 - 131
Toluene	1000	933		ug/Kg		93	66 - 123
trans-1,2-Dichloroethene	1000	910		ug/Kg		91	58 - 121
trans-1,3-Dichloropropene	1000	787		ug/Kg		79	22 - 122
Trichloroethene	1000	904		ug/Kg		90	59 - 124
Trichlorofluoromethane	1000	648		ug/Kg		65	17 - 145
Ethylene Dibromide	1000	903		ug/Kg		90	47 - 123
Vinyl chloride	1000	705		ug/Kg		70	33 - 120
Xylenes, Total	2000	1880		ug/Kg		94	68 - 120
m-Xylene & p-Xylene	1000	940		ug/Kg		94	67 - 120
o-Xylene	1000	938		ug/Kg		94	68 - 120

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-194430/2-A
Matrix: Solid
Analysis Batch: 194609

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 194430

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*94*		*33 - 134*
Dibromofluoromethane (Surr)	*95*		*30 - 122*
4-Bromofluorobenzene (Surr)	*105*		*26 - 141*
1,2-Dichloroethane-d4 (Surr)	*100*		*39 - 128*

Lab Sample ID: 240-54439-1 MS
Matrix: Solid
Analysis Batch: 194609

Client Sample ID: TW-12 5.1'
Prep Type: Total/NA
Prep Batch: 194430

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	30	U F1	1100	718		ug/Kg	☼	65	10 - 159
1,1,2,2-Tetrachloroethane	28	U F1	1100	814		ug/Kg	☼	74	16 - 158
1,1,2-Trichloro-1,2,2-trifluoroethane	47	U F1 F2	1100	783		ug/Kg	☼	71	23 - 168
1,1,2-Trichloroethane	21	U F1	1100	892		ug/Kg	☼	81	34 - 152
1,1-Dichloroethane	39	U F1	1100	879		ug/Kg	☼	80	18 - 160
1,1-Dichloroethene	33	U F1	1100	715		ug/Kg	☼	65	10 - 179
1,2,4-Trichlorobenzene	33	U F1 F2	1100	722		ug/Kg	☼	66	10 - 136
1,2-Dibromo-3-Chloropropane	79	U F1	1100	692		ug/Kg	☼	63	10 - 153
1,2-Dichlorobenzene	21	U F1	1100	821		ug/Kg	☼	75	27 - 126
1,2-Dichloroethane	11	U F1	1100	826		ug/Kg	☼	75	25 - 150
1,2-Dichloropropane	35	U F1	1100	918		ug/Kg	☼	83	58 - 120
1,3-Dichlorobenzene	33	U F1	1100	828		ug/Kg	☼	75	29 - 124
1,4-Dichlorobenzene	45	U F1	1100	852		ug/Kg	☼	77	30 - 123
2-Butanone (MEK)	81	U F1	2200	1510		ug/Kg	☼	69	10 - 172
2-Hexanone	93	U F1	2200	1380		ug/Kg	☼	63	21 - 141
4-Methyl-2-pentanone (MIBK)	62	U F1	2200	1510		ug/Kg	☼	69	19 - 151
Acetone	250	U F1	2200	1410		ug/Kg	☼	64	10 - 142
Benzene	10	U F1	1100	883		ug/Kg	☼	80	10 - 199
Bromoform	68	U F1	1100	663		ug/Kg	☼	60	10 - 147
Bromomethane	56	U F1 F2	1100	606		ug/Kg	☼	55	10 - 151
Carbon disulfide	62	U F1	1100	554		ug/Kg	☼	50	10 - 155
Carbon tetrachloride	20	U F1	1100	644		ug/Kg	☼	59	12 - 135
Chlorobenzene	14	U F1	1100	874		ug/Kg	☼	79	47 - 120
Chloroethane	56	U F1 F2	1100	625		ug/Kg	☼	57	10 - 168
Chloroform	40	U F1	1100	887		ug/Kg	☼	81	51 - 120
Chloromethane	53	U F1 F2	1100	617		ug/Kg	☼	56	16 - 120
cis-1,2-Dichloroethene	510	F1	1100	1430		ug/Kg	☼	83	34 - 137
cis-1,3-Dichloropropene	24	U F1	1100	741		ug/Kg	☼	67	19 - 121
Dichlorobromomethane	42	U F1	1100	776		ug/Kg	☼	70	18 - 133
1,4-Dioxane	1500	U F1	22000	10700	J F1	ug/Kg	☼	48	50 - 150
Cyclohexane	33	U F1	1100	754		ug/Kg	☼	69	10 - 154
Chlorodibromomethane	22	U F1	1100	764		ug/Kg	☼	69	10 - 128
Dichlorodifluoromethane	68	U F1 F2	1100	307		ug/Kg	☼	28	10 - 120
Ethylbenzene	39	U F1	1100	883		ug/Kg	☼	80	27 - 143
Isopropylbenzene	14	U F1	1100	952		ug/Kg	☼	86	39 - 126
Methyl acetate	61	U F1	5510	4450		ug/Kg	☼	81	10 - 175
Methyl tert-butyl ether	33	U F1	1100	744		ug/Kg	☼	68	26 - 159

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-54439-1 MS
Matrix: Solid
Analysis Batch: 194609

Client Sample ID: TW-12 5.1'
Prep Type: Total/NA
Prep Batch: 194430

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylcyclohexane	42	U F1	1100	784		ug/Kg	☼	71	11 - 156
Methylene Chloride	94	U F1	1100	972		ug/Kg	☼	88	10 - 148
Styrene	30	U F1	1100	844		ug/Kg	☼	77	31 - 137
Tetrachloroethene	42	J F1	1100	893		ug/Kg	☼	77	19 - 153
Toluene	19	J F1 B	1100	921		ug/Kg	☼	82	10 - 168
trans-1,2-Dichloroethene	29	U F1	1100	866		ug/Kg	☼	79	40 - 126
trans-1,3-Dichloropropene	29	U F1	1100	675		ug/Kg	☼	61	10 - 136
Trichloroethene	7400	F1	1100	8330	4	ug/Kg	☼	83	10 - 193
Trichlorofluoromethane	39	U F1	1100	607		ug/Kg	☼	55	10 - 157
Ethylene Dibromide	35	U F1	1100	774		ug/Kg	☼	70	32 - 127
Vinyl chloride	19	U F1 F2	1100	603		ug/Kg	☼	55	15 - 123
Xylenes, Total	35	U	2200	1830		ug/Kg	☼	83	16 - 150
m-Xylene & p-Xylene	22	U F1	1100	893		ug/Kg	☼	81	14 - 151
o-Xylene	19	U F1	1100	939		ug/Kg	☼	85	18 - 151

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*78*		*33 - 134*
Dibromofluoromethane (Surr)	*79*		*30 - 122*
4-Bromofluorobenzene (Surr)	*84*		*26 - 141*
1,2-Dichloroethane-d4 (Surr)	*79*		*39 - 128*

Lab Sample ID: 240-54439-1 MSD
Matrix: Solid
Analysis Batch: 194609

Client Sample ID: TW-12 5.1'
Prep Type: Total/NA
Prep Batch: 194430

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	30	U F1	1040	592		ug/Kg	☼	57	10 - 159	19	30
1,1,2,2-Tetrachloroethane	28	U F1	1040	769		ug/Kg	☼	74	16 - 158	6	30
1,1,2-Trichloro-1,2,2-trifluoroethane	47	U F1 F2	1040	506	F2	ug/Kg	☼	49	23 - 168	43	30
1,1,2-Trichloroethane	21	U F1	1040	807		ug/Kg	☼	78	34 - 152	10	30
1,1-Dichloroethane	39	U F1	1040	728		ug/Kg	☼	70	18 - 160	19	30
1,1-Dichloroethene	33	U F1	1040	545		ug/Kg	☼	53	10 - 179	27	30
1,2,4-Trichlorobenzene	33	U F1 F2	1040	502	F2	ug/Kg	☼	48	10 - 136	36	30
1,2-Dibromo-3-Chloropropane	79	U F1	1040	546		ug/Kg	☼	53	10 - 153	24	30
1,2-Dichlorobenzene	21	U F1	1040	681		ug/Kg	☼	66	27 - 126	19	30
1,2-Dichloroethane	11	U F1	1040	738		ug/Kg	☼	71	25 - 150	11	30
1,2-Dichloropropane	35	U F1	1040	873		ug/Kg	☼	84	58 - 120	5	30
1,3-Dichlorobenzene	33	U F1	1040	770		ug/Kg	☼	74	29 - 124	7	30
1,4-Dichlorobenzene	45	U F1	1040	779		ug/Kg	☼	75	30 - 123	9	30
2-Butanone (MEK)	81	U F1	2080	1470		ug/Kg	☼	71	10 - 172	3	30
2-Hexanone	93	U F1	2080	1530		ug/Kg	☼	74	21 - 141	11	30
4-Methyl-2-pentanone (MIBK)	62	U F1	2080	1540		ug/Kg	☼	74	19 - 151	2	30
Acetone	250	U F1	2080	1230		ug/Kg	☼	59	10 - 142	13	30
Benzene	10	U F1	1040	781		ug/Kg	☼	75	10 - 199	12	30
Bromoform	68	U F1	1040	685		ug/Kg	☼	66	10 - 147	3	30
Bromomethane	56	U F1 F2	1040	346	F2	ug/Kg	☼	33	10 - 151	55	30
Carbon disulfide	62	U F1	1040	418		ug/Kg	☼	40	10 - 155	28	30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-54439-1 MSD
Matrix: Solid
Analysis Batch: 194609

Client Sample ID: TW-12 5.1'
Prep Type: Total/NA
Prep Batch: 194430

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon tetrachloride	20	U F1	1040	532		ug/Kg	☼	51	12 - 135	19	30
Chlorobenzene	14	U F1	1040	802		ug/Kg	☼	77	47 - 120	9	30
Chloroethane	56	U F1 F2	1040	351	F2	ug/Kg	☼	34	10 - 168	56	30
Chloroform	40	U F1	1040	734		ug/Kg	☼	71	51 - 120	19	30
Chloromethane	53	U F1 F2	1040	405	F2	ug/Kg	☼	39	16 - 120	41	30
cis-1,2-Dichloroethene	510	F1	1040	1210		ug/Kg	☼	68	34 - 137	16	30
cis-1,3-Dichloropropene	24	U F1	1040	797		ug/Kg	☼	77	19 - 121	7	30
Dichlorobromomethane	42	U F1	1040	730		ug/Kg	☼	70	18 - 133	6	30
1,4-Dioxane	1500	U F1	20800	11300	J	ug/Kg	☼	54	50 - 150	5	30
Cyclohexane	33	U F1	1040	584		ug/Kg	☼	56	10 - 154	25	30
Chlorodibromomethane	22	U F1	1040	720		ug/Kg	☼	69	10 - 128	6	30
Dichlorodifluoromethane	68	U F1 F2	1040	204	J F2	ug/Kg	☼	20	10 - 120	40	30
Ethylbenzene	39	U F1	1040	777		ug/Kg	☼	75	27 - 143	13	30
Isopropylbenzene	14	U F1	1040	792		ug/Kg	☼	76	39 - 126	18	30
Methyl acetate	61	U F1	5190	3880		ug/Kg	☼	75	10 - 175	14	30
Methyl tert-butyl ether	33	U F1	1040	620		ug/Kg	☼	60	26 - 159	18	30
Methylcyclohexane	42	U F1	1040	640		ug/Kg	☼	62	11 - 156	20	30
Methylene Chloride	94	U F1	1040	737		ug/Kg	☼	71	10 - 148	27	30
Styrene	30	U F1	1040	801		ug/Kg	☼	77	31 - 137	5	30
Tetrachloroethene	42	J F1	1040	773		ug/Kg	☼	70	19 - 153	14	30
Toluene	19	J F1 B	1040	796		ug/Kg	☼	75	10 - 168	15	30
trans-1,2-Dichloroethene	29	U F1	1040	674		ug/Kg	☼	65	40 - 126	25	30
trans-1,3-Dichloropropene	29	U F1	1040	740		ug/Kg	☼	71	10 - 136	9	30
Trichloroethene	7400	F1	1040	8250	4	ug/Kg	☼	81	10 - 193	1	30
Trichlorofluoromethane	39	U F1	1040	456		ug/Kg	☼	44	10 - 157	28	30
Ethylene Dibromide	35	U F1	1040	801		ug/Kg	☼	77	32 - 127	3	30
Vinyl chloride	19	U F1 F2	1040	412	F2	ug/Kg	☼	40	15 - 123	38	30
Xylenes, Total	35	U	2080	1570		ug/Kg	☼	75	16 - 150	16	30
m-Xylene & p-Xylene	22	U F1	1040	801		ug/Kg	☼	77	14 - 151	11	30
o-Xylene	19	U F1	1040	764		ug/Kg	☼	74	18 - 151	20	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*81*		*33 - 134*
Dibromofluoromethane (Surr)	*82*		*30 - 122*
4-Bromofluorobenzene (Surr)	*96*		*26 - 141*
1,2-Dichloroethane-d4 (Surr)	*85*		*39 - 128*

Lab Sample ID: MB 240-194659/7
Matrix: Water
Analysis Batch: 194659

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.44	U	1.0	0.44	ug/L			08/25/15 10:19	1
1,1,2,2-Tetrachloroethane	0.22	U	1.0	0.22	ug/L			08/25/15 10:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.45	U	1.0	0.45	ug/L			08/25/15 10:19	1
1,1,2-Trichloroethane	0.24	U	1.0	0.24	ug/L			08/25/15 10:19	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			08/25/15 10:19	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			08/25/15 10:19	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-194659/7
Matrix: Water
Analysis Batch: 194659

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.32	U	1.0	0.32	ug/L			08/25/15 10:19	1
1,2-Dibromo-3-Chloropropane	0.82	U	2.0	0.82	ug/L			08/25/15 10:19	1
1,2-Dichlorobenzene	0.25	U	1.0	0.25	ug/L			08/25/15 10:19	1
1,2-Dichloroethane	0.23	U	1.0	0.23	ug/L			08/25/15 10:19	1
1,2-Dichloropropane	0.25	U	1.0	0.25	ug/L			08/25/15 10:19	1
1,3-Dichlorobenzene	0.19	U	1.0	0.19	ug/L			08/25/15 10:19	1
1,4-Dichlorobenzene	0.27	U	1.0	0.27	ug/L			08/25/15 10:19	1
2-Butanone (MEK)	0.53	U	10	0.53	ug/L			08/25/15 10:19	1
2-Hexanone	0.48	U	10	0.48	ug/L			08/25/15 10:19	1
4-Methyl-2-pentanone (MIBK)	0.99	U	10	0.99	ug/L			08/25/15 10:19	1
Acetone	1.87	J	10	0.94	ug/L			08/25/15 10:19	1
Benzene	0.35	U	1.0	0.35	ug/L			08/25/15 10:19	1
Bromoform	0.56	U	1.0	0.56	ug/L			08/25/15 10:19	1
Bromomethane	0.44	U	1.0	0.44	ug/L			08/25/15 10:19	1
Carbon disulfide	0.38	U	1.0	0.38	ug/L			08/25/15 10:19	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/25/15 10:19	1
Chlorobenzene	0.25	U	1.0	0.25	ug/L			08/25/15 10:19	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/25/15 10:19	1
Chloroform	0.25	U	1.0	0.25	ug/L			08/25/15 10:19	1
Chloromethane	0.44	U	1.0	0.44	ug/L			08/25/15 10:19	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			08/25/15 10:19	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			08/25/15 10:19	1
Dichlorobromomethane	0.29	U	1.0	0.29	ug/L			08/25/15 10:19	1
1,4-Dioxane	40	U	50	40	ug/L			08/25/15 10:19	1
Cyclohexane	0.45	U	1.0	0.45	ug/L			08/25/15 10:19	1
Chlorodibromomethane	0.43	U	1.0	0.43	ug/L			08/25/15 10:19	1
Dichlorodifluoromethane	0.32	U	1.0	0.32	ug/L			08/25/15 10:19	1
Ethylbenzene	0.25	U	1.0	0.25	ug/L			08/25/15 10:19	1
Isopropylbenzene	0.35	U	1.0	0.35	ug/L			08/25/15 10:19	1
Methyl acetate	2.3	U	10	2.3	ug/L			08/25/15 10:19	1
Methyl tert-butyl ether	0.20	U	1.0	0.20	ug/L			08/25/15 10:19	1
Methylcyclohexane	0.43	U	1.0	0.43	ug/L			08/25/15 10:19	1
Methylene Chloride	0.33	U	1.0	0.33	ug/L			08/25/15 10:19	1
Styrene	0.45	U	1.0	0.45	ug/L			08/25/15 10:19	1
Tetrachloroethene	0.31	U	1.0	0.31	ug/L			08/25/15 10:19	1
Toluene	0.23	U	1.0	0.23	ug/L			08/25/15 10:19	1
trans-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			08/25/15 10:19	1
trans-1,3-Dichloropropene	0.56	U	1.0	0.56	ug/L			08/25/15 10:19	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			08/25/15 10:19	1
Trichlorofluoromethane	0.49	U	1.0	0.49	ug/L			08/25/15 10:19	1
Ethylene Dibromide	0.32	U	1.0	0.32	ug/L			08/25/15 10:19	1
Vinyl chloride	0.29	U	1.0	0.29	ug/L			08/25/15 10:19	1
Xylenes, Total	0.52	U	2.0	0.52	ug/L			08/25/15 10:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*		*08/25/15 10:19*	*1*
Dibromofluoromethane (Surr)	*102*		*79 - 120*		*08/25/15 10:19*	*1*
4-Bromofluorobenzene (Surr)	*98*		*61 - 120*		*08/25/15 10:19*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-194659/7
Matrix: Water
Analysis Batch: 194659

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		78 - 125		08/25/15 10:19	1

Lab Sample ID: LCS 240-194659/5
Matrix: Water
Analysis Batch: 194659

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	9.55		ug/L		96	77 - 123
1,1,2,2-Tetrachloroethane	10.0	10.8		ug/L		108	71 - 123
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	8.59		ug/L		86	67 - 138
1,1,2-Trichloroethane	10.0	9.48		ug/L		95	80 - 120
1,1-Dichloroethane	10.0	10.4		ug/L		104	79 - 125
1,1-Dichloroethene	10.0	9.24		ug/L		92	76 - 124
1,2,4-Trichlorobenzene	10.0	8.19		ug/L		82	61 - 120
1,2-Dibromo-3-Chloropropane	10.0	8.59		ug/L		86	50 - 132
1,2-Dichlorobenzene	10.0	8.72		ug/L		87	79 - 120
1,2-Dichloroethane	10.0	9.50		ug/L		95	80 - 120
1,2-Dichloropropane	10.0	10.1		ug/L		101	78 - 124
1,3-Dichlorobenzene	10.0	9.04		ug/L		90	79 - 120
1,4-Dichlorobenzene	10.0	9.27		ug/L		93	79 - 120
2-Butanone (MEK)	20.0	18.4		ug/L		92	56 - 138
2-Hexanone	20.0	17.1		ug/L		86	55 - 141
4-Methyl-2-pentanone (MIBK)	20.0	18.6		ug/L		93	64 - 135
Acetone	20.0	19.8		ug/L		99	34 - 148
Benzene	10.0	9.55		ug/L		95	80 - 120
Bromoform	10.0	9.34		ug/L		93	56 - 122
Bromomethane	10.0	8.13		ug/L		81	38 - 132
Carbon disulfide	10.0	10.2		ug/L		102	65 - 144
Carbon tetrachloride	10.0	10.5		ug/L		105	77 - 131
Chlorobenzene	10.0	9.53		ug/L		95	80 - 120
Chloroethane	10.0	8.71		ug/L		87	36 - 126
Chloroform	10.0	9.13		ug/L		91	80 - 120
Chloromethane	10.0	9.07		ug/L		91	48 - 133
cis-1,2-Dichloroethene	10.0	9.41		ug/L		94	79 - 120
cis-1,3-Dichloropropene	10.0	9.66		ug/L		97	74 - 126
Dichlorobromomethane	10.0	9.79		ug/L		98	80 - 120
1,4-Dioxane	200	175		ug/L		87	56 - 132
Cyclohexane	10.0	9.60		ug/L		96	60 - 140
Chlorodibromomethane	10.0	9.49		ug/L		95	74 - 120
Dichlorodifluoromethane	10.0	7.24		ug/L		72	23 - 136
Ethylbenzene	10.0	9.44		ug/L		94	80 - 120
Isopropylbenzene	10.0	9.91		ug/L		99	77 - 120
Methyl acetate	50.0	52.4		ug/L		105	67 - 131
Methyl tert-butyl ether	10.0	9.82		ug/L		98	69 - 121
Methylcyclohexane	10.0	9.13		ug/L		91	61 - 134
Methylene Chloride	10.0	10.0		ug/L		100	77 - 129
Styrene	10.0	9.61		ug/L		96	76 - 122

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-194659/5
Matrix: Water
Analysis Batch: 194659

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Tetrachloroethene			10.0	9.18		ug/L		92	78 - 121		
Toluene			10.0	9.05		ug/L		90	80 - 120		
trans-1,2-Dichloroethene			10.0	10.1		ug/L		101	80 - 124		
trans-1,3-Dichloropropene			10.0	9.71		ug/L		97	75 - 131		
Trichloroethene			10.0	9.21		ug/L		92	80 - 121		
Trichlorofluoromethane			10.0	8.37		ug/L		84	61 - 133		
Ethylene Dibromide			10.0	9.50		ug/L		95	80 - 120		
Vinyl chloride			10.0	8.01		ug/L		80	52 - 121		
Xylenes, Total			20.0	19.6		ug/L		98	80 - 120		
m-Xylene & p-Xylene			10.0	9.64		ug/L		96	80 - 120		
o-Xylene			10.0	9.95		ug/L		99	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*79 - 120*
4-Bromofluorobenzene (Surr)	*103*		*61 - 120*
1,2-Dichloroethane-d4 (Surr)	*94*		*78 - 125*

GC/MS VOA

Prep Batch: 194142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-54439-2	TW-12 5.2'-5.9'	Total/NA	Rock	5035	
240-54439-4	TW-12 9.5'-9.8'	Total/NA	Rock	5035	
240-54439-5	TW-12 13.4'-13.75'	Total/NA	Rock	5035	
LCS 240-194142/2-A	Lab Control Sample	Total/NA	Solid	5035	
MB 240-194142/1-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 194430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-54439-1	TW-12 5.1'	Total/NA	Solid	5030C	
240-54439-1 MS	TW-12 5.1'	Total/NA	Solid	5030C	
240-54439-1 MSD	TW-12 5.1'	Total/NA	Solid	5030C	
240-54439-3	TW-12 9.5'	Total/NA	Solid	5030C	
LCS 240-194430/2-A	Lab Control Sample	Total/NA	Solid	5030C	
MB 240-194430/1-A	Method Blank	Total/NA	Solid	5030C	

Analysis Batch: 194609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-54439-1	TW-12 5.1'	Total/NA	Solid	8260C	194430
240-54439-1 MS	TW-12 5.1'	Total/NA	Solid	8260C	194430
240-54439-1 MSD	TW-12 5.1'	Total/NA	Solid	8260C	194430
240-54439-3	TW-12 9.5'	Total/NA	Solid	8260C	194430
LCS 240-194430/2-A	Lab Control Sample	Total/NA	Solid	8260C	194430
MB 240-194430/1-A	Method Blank	Total/NA	Solid	8260C	194430

Analysis Batch: 194659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-54439-6	TRIP BLANK	Total/NA	Water	8260C	
LCS 240-194659/5	Lab Control Sample	Total/NA	Water	8260C	
MB 240-194659/7	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 197851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-54439-2	TW-12 5.2'-5.9'	Total/NA	Rock	8260C	194142
240-54439-4	TW-12 9.5'-9.8'	Total/NA	Rock	8260C	194142
240-54439-5	TW-12 13.4'-13.75'	Total/NA	Rock	8260C	194142
LCS 240-194142/2-A	Lab Control Sample	Total/NA	Solid	8260C	194142
MB 240-194142/1-A	Method Blank	Total/NA	Solid	8260C	194142

General Chemistry

Analysis Batch: 193882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-54439-2	TW-12 5.2'-5.9'	Total/NA	Rock	Moisture	
240-54439-4	TW-12 9.5'-9.8'	Total/NA	Rock	Moisture	
240-54439-5	TW-12 13.4'-13.75'	Total/NA	Rock	Moisture	

Analysis Batch: 194143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-54439-1	TW-12 5.1'	Total/NA	Solid	Moisture	
240-54439-3	TW-12 9.5'	Total/NA	Solid	Moisture	

Lab Chronicle

Client: LaBella Associates PC
Project/Site: 690 St. Paul Street NYDEC BCP #C828159

TestAmerica Job ID: 240-54439-1

Client Sample ID: TW-12 5.1'
Date Collected: 08/12/15 09:30
Date Received: 08/14/15 09:20

Lab Sample ID: 240-54439-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	194143	08/20/15 13:35	BLW	TAL CAN

Client Sample ID: TW-12 5.1'
Date Collected: 08/12/15 09:30
Date Received: 08/14/15 09:20

Lab Sample ID: 240-54439-1
Matrix: Solid
Percent Solids: 86.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			194430	08/23/15 15:47	LAM	TAL CAN
Total/NA	Analysis	8260C		1	194609	08/25/15 04:31	TJL2	TAL CAN

Client Sample ID: TW-12 5.2'-5.9'
Date Collected: 08/12/15 09:35
Date Received: 08/14/15 09:20

Lab Sample ID: 240-54439-2
Matrix: Rock

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			194142	08/20/15 13:32	LAM	TAL CAN
Total/NA	Analysis	8260C		1	197851	09/17/15 11:46	TJL2	TAL CAN
Total/NA	Analysis	Moisture		1	193882	08/19/15 08:38	DTN	TAL CAN

Client Sample ID: TW-12 9.5'
Date Collected: 08/13/15 14:45
Date Received: 08/14/15 09:20

Lab Sample ID: 240-54439-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	194143	08/20/15 13:35	BLW	TAL CAN

Client Sample ID: TW-12 9.5'
Date Collected: 08/13/15 14:45
Date Received: 08/14/15 09:20

Lab Sample ID: 240-54439-3
Matrix: Solid
Percent Solids: 89.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			194430	08/23/15 15:47	LAM	TAL CAN
Total/NA	Analysis	8260C		10	194609	08/25/15 04:52	TJL2	TAL CAN

Client Sample ID: TW-12 9.5'-9.8'
Date Collected: 08/13/15 14:50
Date Received: 08/14/15 09:20

Lab Sample ID: 240-54439-4
Matrix: Rock

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			194142	08/20/15 13:32	LAM	TAL CAN
Total/NA	Analysis	8260C		3.333	197851	09/17/15 12:51	TJL2	TAL CAN
Total/NA	Analysis	Moisture		1	193882	08/19/15 08:38	DTN	TAL CAN

Lab Chronicle

Client: LaBella Associates PC
Project/Site: 690 St. Paul Street NYDEC BCP #C828159

TestAmerica Job ID: 240-54439-1

Client Sample ID: TW-12 13.4'-13.75'

Lab Sample ID: 240-54439-5

Date Collected: 08/13/15 15:30
Matrix: Rock
Date Received: 08/14/15 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			194142	08/20/15 13:32	LAM	TAL CAN
Total/NA	Analysis	8260C		1	197851	09/17/15 12:29	TJL2	TAL CAN
Total/NA	Analysis	Moisture		1	193882	08/19/15 08:38	DTN	TAL CAN

Client Sample ID: TRIP BLANK

Lab Sample ID: 240-54439-6

Date Collected: 08/12/15 00:00
Matrix: Water
Date Received: 08/14/15 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	194659	08/25/15 11:28	LEE	TAL CAN

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: LaBella Associates PC
Project/Site: 690 St. Paul Street NYDEC BCP #C828159

TestAmerica Job ID: 240-54439-1

Laboratory: TestAmerica Canton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10975	03-31-16 *

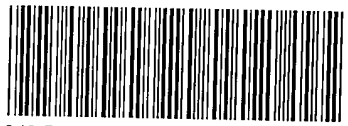
The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Rock	Percent Moisture
Moisture		Rock	Percent Solids
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

* Certification renewal pending - certification considered valid.

TestAmerica Laboratories, Inc.

CHAIN OF CUSTODY
AND
RECEIVING DOCUMENTS


240-54439 Chain of Custody

4101 Shuffel Street, N.W. North Canton, OH 44720 tel 330.497.9396 fax 330.497.0772 www.testamericainc.com

TestAmerica Canton
4101 Shuffel Street NW

North Canton, OH 44720-6900
phone 330.497.9396 fax 330.497.0772

2.8 | C3.8

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact	Project Manager: Dan Noll	Site Contact: Kyle Miller	Date:	COC No:
Your Company Name here: LaBella Assoc. DPC	Tel/Fax:	Lab Contact: Ray Risden	Carrier:	1 of ____ COCs
Address: 300 State St, Suite 201	Analysis Turnaround Time			Sampler: KR Miller
City/State/Zip: Rochester, NY 14614	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
(xxx) xxx-xxxx Phone: 585 454 6110	TAT if different from Below ____			Walk-in Client:
(xxx) xxx-xxxx FAX	☐ 2 weeks			Lab Sampling:
Project Name: 690 St. Paul Street	☐ 1 week			
Site: NYSDEC BCP # C828159	☐ 2 days			Job / SDG No.:
P O # 209280	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCL VOCs 8260	Sample Specific Notes:
TW-12 5.1'	8/12/15	9:30	G	Soil	1			X	Samples of rock should be prepared as discussed with Ray Risden, including 4 week methanol extraction after crushing.
TW-12 5.2'-5.9'	8/12/15	9:35	G	Rock	1			X	
TW-12 9.5'	8/13/15	14:45	G	Soil	1			X	
TW-12 9.5-9.8'	8/13/15	14:50	G	Rock	1			X	
TW-12 13.4'-13.75'	8/13/15	15:30	G	Rock	1			X	
Trip Blank	8/13/15				1				

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments: Samples of rock should be prepared as discussed with Ray Risden, including 4 week methanol extraction after crushing - ASP Category B deliverable and Equis EDD needed.

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: ____ Corr'd: ____		Therm ID No.: ____
Relinquished by:	Company: LaBella	Date/Time: 8/13/15 pm	Received by: FED EX	Company: FED EX	Date/Time: 8/13/15 p.m.
Relinquished by:	Company:	Date/Time:	Received by:	Company: TA	Date/Time: 8/14/15 920
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.5, dated 07/15/2015

TestAmerica Canton Sample Receipt Form/Narrative **Login # : 54439**
Canton Facility

Client Labella Assoc. DPC Site Name _____ Cooler unpacked by: Alex Cella

Cooler Received on 9/4/15 Opened on 9/4/15

FedEx: 1st Grd (Exp) UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

TestAmerica Cooler # _____ Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt
   IR GUN# A (CF +1.0 °C) Observed Cooler Temp. 2.8 °C Corrected Cooler Temp. 3.8 °C
   ~~IR GUN# 4 (CF +0.5 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C~~
   ~~IR GUN# 5 (CF +0.4 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C~~
   IR GUN# 8 (CF -1.5 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C
   ☐ See Multiple Cooler Form

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity _____	Yes	(No)	
-Were custody seals on the outside of the cooler(s) signed & dated?	Yes	No	(NA)
-Were custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	(No)	
3. Shippers' packing slip attached to the cooler(s)?	(Yes)	No	
4. Did custody papers accompany the sample(s)?	(Yes)	No	
5. Were the custody papers relinquished & signed in the appropriate place?	Yes	(No)	
6. Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes)	No	
7. Did all bottles arrive in good condition (Unbroken)?	(Yes)	No	
8. Could all bottle labels be reconciled with the COC?	(Yes)	No	
9. Were correct bottle(s) used for the test(s) indicated?	(Yes)	No	
10. Sufficient quantity received to perform indicated analyses?	(Yes)	No	
11. Were sample(s) at the correct pH upon receipt?	Yes	No	(NA) pH Strip Lot# HC432654
12. Were VOAs on the COC?	Yes	(No)	
13. Were air bubbles >6 mm in any VOA vials?	Yes	No	(NA)
14. Was a trip blank present in the cooler(s)? Trip Blank Lot # 348	(Yes)	No	

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES Samples processed by: JM

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

Mr. Dan Noll
LaBella Associates, P.C.
300 State Street, Suite 201
Rochester, NY 14614

Report Summary

Sunday August 30, 2015

Report Number: L784525
Samples Received: 08/21/15
Client Project: 209280

Description: 690 PDB Sampling Aug 2015

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By: Alan Harvill

T. Alan Harvill , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197, FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375/DW21704/BIO041, ND - R-140. NJ - TN002, NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1, TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364, EPA - TN002

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

ESC LAB SCIENCES
YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Dan Noll
LaBella Associates, P.C.
300 State Street, Suite 201
Rochester, NY 14614

August 30,2015

ESC Sample # : L784525-01

Date Received : August 21, 2015
Description : 690 PDB Sampling Aug 2015

Site ID :

Sample ID : MW-7A

Project # : 209280

Collected By : S. Rife
Collection Date : 08/20/15 14:40

Parameter	Result	Det. Limit	Units	Qualifier	Method	Date	Dil.
Volatile Organics							
Acetone	BDL	50.0	ug/l		8260C	08/26/15	1
Benzene	BDL	1.00	ug/l		8260C	08/26/15	1
Bromochloromethane	BDL	1.00	ug/l		8260C	08/26/15	1
Bromodichloromethane	BDL	1.00	ug/l		8260C	08/26/15	1
Bromoform	BDL	1.00	ug/l		8260C	08/26/15	1
Bromomethane	BDL	5.00	ug/l		8260C	08/26/15	1
Carbon disulfide	BDL	1.00	ug/l		8260C	08/26/15	1
Carbon tetrachloride	BDL	1.00	ug/l		8260C	08/26/15	1
Chlorobenzene	BDL	1.00	ug/l		8260C	08/26/15	1
Chlorodibromomethane	BDL	1.00	ug/l		8260C	08/26/15	1
Chloroethane	BDL	5.00	ug/l		8260C	08/26/15	1
Chloroform	BDL	5.00	ug/l		8260C	08/26/15	1
Chloromethane	BDL	2.50	ug/l		8260C	08/26/15	1
Cyclohexane	BDL	1.00	ug/l		8260C	08/26/15	1
1,2-Dibromo-3-Chloropropane	BDL	5.00	ug/l		8260C	08/26/15	1
1,2-Dibromoethane	BDL	1.00	ug/l		8260C	08/26/15	1
1,2-Dichlorobenzene	BDL	1.00	ug/l		8260C	08/26/15	1
1,3-Dichlorobenzene	BDL	1.00	ug/l		8260C	08/26/15	1
1,4-Dichlorobenzene	BDL	1.00	ug/l		8260C	08/26/15	1
Dichlorodifluoromethane	BDL	5.00	ug/l		8260C	08/26/15	1
1,1-Dichloroethane	BDL	1.00	ug/l		8260C	08/26/15	1
1,2-Dichloroethane	BDL	1.00	ug/l		8260C	08/26/15	1
1,1-Dichloroethene	1.98	1.00	ug/l		8260C	08/26/15	1
cis-1,2-Dichloroethene	550.	25.0	ug/l		8260C	08/28/15	25
trans-1,2-Dichloroethene	16.5	1.00	ug/l		8260C	08/26/15	1
1,2-Dichloropropane	BDL	1.00	ug/l		8260C	08/26/15	1
cis-1,3-Dichloropropene	BDL	1.00	ug/l		8260C	08/26/15	1
trans-1,3-Dichloropropene	BDL	1.00	ug/l		8260C	08/26/15	1
Ethylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
2-Hexanone	BDL	10.0	ug/l		8260C	08/26/15	1
Isopropylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
2-Butanone (MEK)	BDL	10.0	ug/l		8260C	08/26/15	1
Methyl Acetate	BDL	20.0	ug/l		8260C	08/26/15	1
Methyl Cyclohexane	BDL	1.00	ug/l		8260C	08/26/15	1
Methylene Chloride	BDL	5.00	ug/l		8260C	08/26/15	1
4-Methyl-2-pentanone (MIBK)	BDL	10.0	ug/l		8260C	08/26/15	1
Methyl tert-butyl ether	BDL	1.00	ug/l		8260C	08/26/15	1
Naphthalene	BDL	5.00	ug/l		8260C	08/26/15	1
Styrene	BDL	1.00	ug/l		8260C	08/26/15	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - TN002, WI - 998093910

ESC LAB SCIENCES
YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Dan Noll
LaBella Associates, P.C.
300 State Street, Suite 201
Rochester, NY 14614

August 30,2015

ESC Sample # : L784525-01

Date Received : August 21, 2015
Description : 690 PDB Sampling Aug 2015

Site ID :

Sample ID : MW-7A

Project # : 209280

Collected By : S. Rife
Collection Date : 08/20/15 14:40

Parameter	Result	Det. Limit	Units	Qualifier	Method	Date	Dil.
1,1,2,2-Tetrachloroethane	BDL	1.00	ug/l		8260C	08/26/15	1
Tetrachloroethene	BDL	1.00	ug/l		8260C	08/26/15	1
Toluene	BDL	5.00	ug/l		8260C	08/26/15	1
1,2,3-Trichlorobenzene	BDL	1.00	ug/l		8260C	08/26/15	1
1,2,4-Trichlorobenzene	BDL	1.00	ug/l		8260C	08/26/15	1
1,1,1-Trichloroethane	BDL	1.00	ug/l		8260C	08/26/15	1
1,1,2-Trichloroethane	BDL	1.00	ug/l		8260C	08/26/15	1
Trichloroethene	4680	25.0	ug/l		8260C	08/28/15	25
Trichlorofluoromethane	BDL	5.00	ug/l		8260C	08/26/15	1
1,1,2-Trichlorotrifluoroethane	BDL	1.00	ug/l		8260C	08/26/15	1
Vinyl chloride	BDL	1.00	ug/l		8260C	08/26/15	1
o-Xylene	BDL	1.00	ug/l		8260C	08/26/15	1
m&p-Xylenes	BDL	2.00	ug/l		8260C	08/26/15	1
n-Butylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
sec-Butylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
tert-Butylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
p-Isopropyltoluene	BDL	1.00	ug/l		8260C	08/26/15	1
n-Propylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
1,2,4-Trimethylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
1,3,5-Trimethylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
Surrogate Recovery							
Toluene-d8	63.7		% Rec.	J2	8260C	08/26/15	1
Dibromofluoromethane	101.		% Rec.		8260C	08/26/15	1
a,a,a-Trifluorotoluene	67.7		% Rec.	J2	8260C	08/26/15	1
4-Bromofluorobenzene	98.8		% Rec.		8260C	08/26/15	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - TN002, WI - 998093910

Note:
The reported analytical results relate only to the sample submitted.

.
Reported: 08/30/15 20:06 Printed: 08/30/15 20:06

ESC LAB SCIENCES
YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Dan Noll
LaBella Associates, P.C.
300 State Street, Suite 201
Rochester, NY 14614

August 30,2015

ESC Sample # : L784525-02

Date Received : August 21, 2015
Description : 690 PDB Sampling Aug 2015

Site ID :

Sample ID : BW-8

Project # : 209280

Collected By : S. Rife
Collection Date : 08/20/15 15:20

Parameter	Result	Det. Limit	Units	Qualifier	Method	Date	Dil.
Volatile Organics							
Acetone	BDL	50.0	ug/l		8260C	08/26/15	1
Benzene	BDL	1.00	ug/l		8260C	08/26/15	1
Bromochloromethane	BDL	1.00	ug/l		8260C	08/26/15	1
Bromodichloromethane	BDL	1.00	ug/l		8260C	08/26/15	1
Bromoform	BDL	1.00	ug/l		8260C	08/26/15	1
Bromomethane	BDL	5.00	ug/l		8260C	08/26/15	1
Carbon disulfide	BDL	1.00	ug/l		8260C	08/26/15	1
Carbon tetrachloride	BDL	1.00	ug/l		8260C	08/26/15	1
Chlorobenzene	BDL	1.00	ug/l		8260C	08/26/15	1
Chlorodibromomethane	BDL	1.00	ug/l		8260C	08/26/15	1
Chloroethane	BDL	5.00	ug/l		8260C	08/26/15	1
Chloroform	BDL	5.00	ug/l		8260C	08/26/15	1
Chloromethane	BDL	2.50	ug/l		8260C	08/26/15	1
Cyclohexane	BDL	1.00	ug/l		8260C	08/26/15	1
1,2-Dibromo-3-Chloropropane	BDL	5.00	ug/l		8260C	08/26/15	1
1,2-Dibromoethane	BDL	1.00	ug/l		8260C	08/26/15	1
1,2-Dichlorobenzene	BDL	1.00	ug/l		8260C	08/26/15	1
1,3-Dichlorobenzene	BDL	1.00	ug/l		8260C	08/26/15	1
1,4-Dichlorobenzene	BDL	1.00	ug/l		8260C	08/26/15	1
Dichlorodifluoromethane	BDL	5.00	ug/l		8260C	08/26/15	1
1,1-Dichloroethane	BDL	1.00	ug/l		8260C	08/26/15	1
1,2-Dichloroethane	BDL	1.00	ug/l		8260C	08/26/15	1
1,1-Dichloroethene	BDL	1.00	ug/l		8260C	08/26/15	1
cis-1,2-Dichloroethene	21.9	1.00	ug/l		8260C	08/26/15	1
trans-1,2-Dichloroethene	BDL	1.00	ug/l		8260C	08/26/15	1
1,2-Dichloropropane	BDL	1.00	ug/l		8260C	08/26/15	1
cis-1,3-Dichloropropene	BDL	1.00	ug/l		8260C	08/26/15	1
trans-1,3-Dichloropropene	BDL	1.00	ug/l		8260C	08/26/15	1
Ethylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
2-Hexanone	BDL	10.0	ug/l		8260C	08/26/15	1
Isopropylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
2-Butanone (MEK)	BDL	10.0	ug/l		8260C	08/26/15	1
Methyl Acetate	BDL	20.0	ug/l		8260C	08/26/15	1
Methyl Cyclohexane	BDL	1.00	ug/l		8260C	08/26/15	1
Methylene Chloride	BDL	5.00	ug/l		8260C	08/26/15	1
4-Methyl-2-pentanone (MIBK)	BDL	10.0	ug/l		8260C	08/26/15	1
Methyl tert-butyl ether	BDL	1.00	ug/l		8260C	08/26/15	1
Naphthalene	BDL	5.00	ug/l		8260C	08/26/15	1
Styrene	BDL	1.00	ug/l		8260C	08/26/15	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - TN002, WI - 998093910

ESC LAB SCIENCES
YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Dan Noll
LaBella Associates, P.C.
300 State Street, Suite 201
Rochester, NY 14614

August 30,2015

ESC Sample # : L784525-02

Site ID :

Project # : 209280

Date Received : August 21, 2015
Description : 690 PDB Sampling Aug 2015

Sample ID : BW-8

Collected By : S. Rife
Collection Date : 08/20/15 15:20

Parameter	Result	Det. Limit	Units	Qualifier	Method	Date	Dil.
1,1,2,2-Tetrachloroethane	BDL	1.00	ug/l		8260C	08/26/15	1
Tetrachloroethene	BDL	1.00	ug/l		8260C	08/26/15	1
Toluene	BDL	5.00	ug/l		8260C	08/26/15	1
1,2,3-Trichlorobenzene	BDL	1.00	ug/l		8260C	08/26/15	1
1,2,4-Trichlorobenzene	BDL	1.00	ug/l		8260C	08/26/15	1
1,1,1-Trichloroethane	BDL	1.00	ug/l		8260C	08/26/15	1
1,1,2-Trichloroethane	BDL	1.00	ug/l		8260C	08/26/15	1
Trichloroethene	32.6	1.00	ug/l		8260C	08/26/15	1
Trichlorofluoromethane	BDL	5.00	ug/l		8260C	08/26/15	1
1,1,2-Trichlorotrifluoroethane	BDL	1.00	ug/l		8260C	08/26/15	1
Vinyl chloride	BDL	1.00	ug/l		8260C	08/26/15	1
o-Xylene	BDL	1.00	ug/l		8260C	08/26/15	1
m&p-Xylenes	BDL	2.00	ug/l		8260C	08/26/15	1
n-Butylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
sec-Butylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
tert-Butylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
p-Isopropyltoluene	BDL	1.00	ug/l		8260C	08/26/15	1
n-Propylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
1,2,4-Trimethylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
1,3,5-Trimethylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
Surrogate Recovery							
Toluene-d8	96.9		% Rec.		8260C	08/26/15	1
Dibromofluoromethane	99.4		% Rec.		8260C	08/26/15	1
a,a,a-Trifluorotoluene	102.		% Rec.		8260C	08/26/15	1
4-Bromofluorobenzene	104.		% Rec.		8260C	08/26/15	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - TN002, WI - 998093910

Note:
The reported analytical results relate only to the sample submitted.

.
Reported: 08/30/15 20:06 Printed: 08/30/15 20:06

ESC LAB SCIENCES
YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Dan Noll
LaBella Associates, P.C.
300 State Street, Suite 201
Rochester, NY 14614

August 30,2015

ESC Sample # : L784525-03

Date Received : August 21, 2015
Description : 690 PDB Sampling Aug 2015

Site ID :

Sample ID : MW-12

Project # : 209280

Collected By : S. Rife
Collection Date : 08/20/15 15:50

Parameter	Result	Det. Limit	Units	Qualifier	Method	Date	Dil.
Volatile Organics							
Acetone	BDL	50.0	ug/l		8260C	08/26/15	1
Benzene	BDL	1.00	ug/l		8260C	08/26/15	1
Bromochloromethane	BDL	1.00	ug/l		8260C	08/26/15	1
Bromodichloromethane	BDL	1.00	ug/l		8260C	08/26/15	1
Bromoform	BDL	1.00	ug/l		8260C	08/26/15	1
Bromomethane	BDL	5.00	ug/l		8260C	08/26/15	1
Carbon disulfide	BDL	1.00	ug/l		8260C	08/26/15	1
Carbon tetrachloride	BDL	1.00	ug/l		8260C	08/26/15	1
Chlorobenzene	BDL	1.00	ug/l		8260C	08/26/15	1
Chlorodibromomethane	BDL	1.00	ug/l		8260C	08/26/15	1
Chloroethane	BDL	5.00	ug/l		8260C	08/26/15	1
Chloroform	BDL	5.00	ug/l		8260C	08/26/15	1
Chloromethane	BDL	2.50	ug/l		8260C	08/26/15	1
Cyclohexane	BDL	1.00	ug/l		8260C	08/26/15	1
1,2-Dibromo-3-Chloropropane	BDL	5.00	ug/l		8260C	08/26/15	1
1,2-Dibromoethane	BDL	1.00	ug/l		8260C	08/26/15	1
1,2-Dichlorobenzene	BDL	1.00	ug/l		8260C	08/26/15	1
1,3-Dichlorobenzene	BDL	1.00	ug/l		8260C	08/26/15	1
1,4-Dichlorobenzene	BDL	1.00	ug/l		8260C	08/26/15	1
Dichlorodifluoromethane	BDL	5.00	ug/l		8260C	08/26/15	1
1,1-Dichloroethane	BDL	1.00	ug/l		8260C	08/26/15	1
1,2-Dichloroethane	BDL	1.00	ug/l		8260C	08/26/15	1
1,1-Dichloroethene	BDL	1.00	ug/l		8260C	08/26/15	1
cis-1,2-Dichloroethene	4.83	1.00	ug/l		8260C	08/26/15	1
trans-1,2-Dichloroethene	BDL	1.00	ug/l		8260C	08/26/15	1
1,2-Dichloropropane	BDL	1.00	ug/l		8260C	08/26/15	1
cis-1,3-Dichloropropene	BDL	1.00	ug/l		8260C	08/26/15	1
trans-1,3-Dichloropropene	BDL	1.00	ug/l		8260C	08/26/15	1
Ethylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
2-Hexanone	BDL	10.0	ug/l		8260C	08/26/15	1
Isopropylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
2-Butanone (MEK)	BDL	10.0	ug/l		8260C	08/26/15	1
Methyl Acetate	BDL	20.0	ug/l		8260C	08/26/15	1
Methyl Cyclohexane	BDL	1.00	ug/l		8260C	08/26/15	1
Methylene Chloride	BDL	5.00	ug/l		8260C	08/26/15	1
4-Methyl-2-pentanone (MIBK)	BDL	10.0	ug/l		8260C	08/26/15	1
Methyl tert-butyl ether	BDL	1.00	ug/l		8260C	08/26/15	1
Naphthalene	BDL	5.00	ug/l		8260C	08/26/15	1
Styrene	BDL	1.00	ug/l		8260C	08/26/15	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - TN002, WI - 998093910

ESC LAB SCIENCES
YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Dan Noll
LaBella Associates, P.C.
300 State Street, Suite 201
Rochester, NY 14614

August 30,2015

ESC Sample # : L784525-03

Date Received : August 21, 2015
Description : 690 PDB Sampling Aug 2015

Site ID :

Sample ID : MW-12

Project # : 209280

Collected By : S. Rife
Collection Date : 08/20/15 15:50

Parameter	Result	Det. Limit	Units	Qualifier	Method	Date	Dil.
1,1,2,2-Tetrachloroethane	BDL	1.00	ug/l		8260C	08/26/15	1
Tetrachloroethene	BDL	1.00	ug/l		8260C	08/26/15	1
Toluene	BDL	5.00	ug/l		8260C	08/26/15	1
1,2,3-Trichlorobenzene	BDL	1.00	ug/l		8260C	08/26/15	1
1,2,4-Trichlorobenzene	BDL	1.00	ug/l		8260C	08/26/15	1
1,1,1-Trichloroethane	BDL	1.00	ug/l		8260C	08/26/15	1
1,1,2-Trichloroethane	BDL	1.00	ug/l		8260C	08/26/15	1
Trichloroethene	161.	1.00	ug/l		8260C	08/26/15	1
Trichlorofluoromethane	BDL	5.00	ug/l		8260C	08/26/15	1
1,1,2-Trichlorotrifluoroethane	BDL	1.00	ug/l		8260C	08/26/15	1
Vinyl chloride	BDL	1.00	ug/l		8260C	08/26/15	1
o-Xylene	BDL	1.00	ug/l		8260C	08/26/15	1
m&p-Xylenes	BDL	2.00	ug/l		8260C	08/26/15	1
n-Butylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
sec-Butylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
tert-Butylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
p-Isopropyltoluene	BDL	1.00	ug/l		8260C	08/26/15	1
n-Propylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
1,2,4-Trimethylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
1,3,5-Trimethylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
Surrogate Recovery							
Toluene-d8	93.7		% Rec.		8260C	08/26/15	1
Dibromofluoromethane	100.		% Rec.		8260C	08/26/15	1
a,a,a-Trifluorotoluene	102.		% Rec.		8260C	08/26/15	1
4-Bromofluorobenzene	101.		% Rec.		8260C	08/26/15	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - TN002, WI - 998093910

Note:
The reported analytical results relate only to the sample submitted.

.
Reported: 08/30/15 20:06 Printed: 08/30/15 20:06

ESC LAB SCIENCES
YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Dan Noll
LaBella Associates, P.C.
300 State Street, Suite 201
Rochester, NY 14614

August 30,2015

ESC Sample # : L784525-04

Date Received : August 21, 2015
Description : 690 PDB Sampling Aug 2015

Site ID :

Sample ID : MW-13

Project # : 209280

Collected By : S. Rife
Collection Date : 08/20/15 16:20

Parameter	Result	Det. Limit	Units	Qualifier	Method	Date	Dil.
Volatile Organics							
Acetone	BDL	50.0	ug/l		8260C	08/26/15	1
Benzene	BDL	1.00	ug/l		8260C	08/26/15	1
Bromochloromethane	BDL	1.00	ug/l		8260C	08/26/15	1
Bromodichloromethane	BDL	1.00	ug/l		8260C	08/26/15	1
Bromoform	BDL	1.00	ug/l		8260C	08/26/15	1
Bromomethane	BDL	5.00	ug/l		8260C	08/26/15	1
Carbon disulfide	BDL	1.00	ug/l		8260C	08/26/15	1
Carbon tetrachloride	BDL	1.00	ug/l		8260C	08/26/15	1
Chlorobenzene	BDL	1.00	ug/l		8260C	08/26/15	1
Chlorodibromomethane	BDL	1.00	ug/l		8260C	08/26/15	1
Chloroethane	BDL	5.00	ug/l		8260C	08/26/15	1
Chloroform	BDL	5.00	ug/l		8260C	08/26/15	1
Chloromethane	BDL	2.50	ug/l		8260C	08/26/15	1
Cyclohexane	BDL	1.00	ug/l		8260C	08/26/15	1
1,2-Dibromo-3-Chloropropane	BDL	5.00	ug/l		8260C	08/26/15	1
1,2-Dibromoethane	BDL	1.00	ug/l		8260C	08/26/15	1
1,2-Dichlorobenzene	BDL	1.00	ug/l		8260C	08/26/15	1
1,3-Dichlorobenzene	BDL	1.00	ug/l		8260C	08/26/15	1
1,4-Dichlorobenzene	BDL	1.00	ug/l		8260C	08/26/15	1
Dichlorodifluoromethane	BDL	5.00	ug/l		8260C	08/26/15	1
1,1-Dichloroethane	BDL	1.00	ug/l		8260C	08/26/15	1
1,2-Dichloroethane	BDL	1.00	ug/l		8260C	08/26/15	1
1,1-Dichloroethene	BDL	1.00	ug/l		8260C	08/26/15	1
cis-1,2-Dichloroethene	69.9	1.00	ug/l		8260C	08/26/15	1
trans-1,2-Dichloroethene	3.02	1.00	ug/l		8260C	08/26/15	1
1,2-Dichloropropane	1.17	1.00	ug/l		8260C	08/26/15	1
cis-1,3-Dichloropropene	BDL	1.00	ug/l		8260C	08/26/15	1
trans-1,3-Dichloropropene	BDL	1.00	ug/l		8260C	08/26/15	1
Ethylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
2-Hexanone	BDL	10.0	ug/l		8260C	08/26/15	1
Isopropylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
2-Butanone (MEK)	BDL	10.0	ug/l		8260C	08/26/15	1
Methyl Acetate	BDL	20.0	ug/l		8260C	08/26/15	1
Methyl Cyclohexane	BDL	1.00	ug/l		8260C	08/26/15	1
Methylene Chloride	BDL	5.00	ug/l		8260C	08/26/15	1
4-Methyl-2-pentanone (MIBK)	BDL	10.0	ug/l		8260C	08/26/15	1
Methyl tert-butyl ether	BDL	1.00	ug/l		8260C	08/26/15	1
Naphthalene	BDL	5.00	ug/l		8260C	08/26/15	1
Styrene	BDL	1.00	ug/l		8260C	08/26/15	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - TN002, WI - 998093910

ESC LAB SCIENCES
YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Dan Noll
LaBella Associates, P.C.
300 State Street, Suite 201
Rochester, NY 14614

August 30,2015

ESC Sample # : L784525-04

Date Received : August 21, 2015
Description : 690 PDB Sampling Aug 2015

Site ID :

Sample ID : MW-13

Project # : 209280

Collected By : S. Rife
Collection Date : 08/20/15 16:20

Parameter	Result	Det. Limit	Units	Qualifier	Method	Date	Dil.
1,1,2,2-Tetrachloroethane	BDL	1.00	ug/l		8260C	08/26/15	1
Tetrachloroethene	BDL	1.00	ug/l		8260C	08/26/15	1
Toluene	BDL	5.00	ug/l		8260C	08/26/15	1
1,2,3-Trichlorobenzene	BDL	1.00	ug/l		8260C	08/26/15	1
1,2,4-Trichlorobenzene	BDL	1.00	ug/l		8260C	08/26/15	1
1,1,1-Trichloroethane	BDL	1.00	ug/l		8260C	08/26/15	1
1,1,2-Trichloroethane	BDL	1.00	ug/l		8260C	08/26/15	1
Trichloroethene	795.	25.0	ug/l		8260C	08/28/15	25
Trichlorofluoromethane	BDL	5.00	ug/l		8260C	08/26/15	1
1,1,2-Trichlorotrifluoroethane	BDL	1.00	ug/l		8260C	08/26/15	1
Vinyl chloride	BDL	1.00	ug/l		8260C	08/26/15	1
o-Xylene	BDL	1.00	ug/l		8260C	08/26/15	1
m&p-Xylenes	BDL	2.00	ug/l		8260C	08/26/15	1
n-Butylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
sec-Butylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
tert-Butylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
p-Isopropyltoluene	BDL	1.00	ug/l		8260C	08/26/15	1
n-Propylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
1,2,4-Trimethylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
1,3,5-Trimethylbenzene	BDL	1.00	ug/l		8260C	08/26/15	1
Surrogate Recovery							
Toluene-d8	88.2		% Rec.	J2	8260C	08/26/15	1
Dibromofluoromethane	99.3		% Rec.		8260C	08/26/15	1
a,a,a-Trifluorotoluene	94.9		% Rec.		8260C	08/26/15	1
4-Bromofluorobenzene	103.		% Rec.		8260C	08/26/15	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - TN002, WI - 998093910

Note:
The reported analytical results relate only to the sample submitted.

.
Reported: 08/30/15 20:06 Printed: 08/30/15 20:06

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L784525-01	WG810966	SAMP	Toluene-d8	R3067483	J2
	WG810966	SAMP	a,a,a-Trifluorotoluene	R3067483	J2
L784525-04	WG810966	SAMP	Toluene-d8	R3067483	J2

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable "unless qualified as 'R' (Rejected)."

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

ESC LAB SCIENCES
YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

LaBella Associates, P.C.
Mr. Dan Noll
300 State Street, Suite 201
Rochester, NY 14614

Quality Assurance Report
Level II

L784525

August 30, 2015

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
1,1,1-Trichloroethane	< .001	mg/l			WG810966	08/26/15 13:34
1,1,2,2-Tetrachloroethane	< .001	mg/l			WG810966	08/26/15 13:34
1,1,2-Trichloroethane	< .001	mg/l			WG810966	08/26/15 13:34
1,1,2-Trichlorotrifluoroethane	< .001	mg/l			WG810966	08/26/15 13:34
1,1-Dichloroethane	< .001	mg/l			WG810966	08/26/15 13:34
1,1-Dichloroethene	< .001	mg/l			WG810966	08/26/15 13:34
1,2,3-Trichlorobenzene	< .001	mg/l			WG810966	08/26/15 13:34
1,2,4-Trichlorobenzene	< .001	mg/l			WG810966	08/26/15 13:34
1,2,4-Trimethylbenzene	< .001	mg/l			WG810966	08/26/15 13:34
1,2-Dibromo-3-Chloropropane	< .005	mg/l			WG810966	08/26/15 13:34
1,2-Dibromoethane	< .001	mg/l			WG810966	08/26/15 13:34
1,2-Dichlorobenzene	< .001	mg/l			WG810966	08/26/15 13:34
1,2-Dichloroethane	< .001	mg/l			WG810966	08/26/15 13:34
1,2-Dichloropropane	< .001	mg/l			WG810966	08/26/15 13:34
1,3,5-Trimethylbenzene	< .001	mg/l			WG810966	08/26/15 13:34
1,3-Dichlorobenzene	< .001	mg/l			WG810966	08/26/15 13:34
1,4-Dichlorobenzene	< .001	mg/l			WG810966	08/26/15 13:34
2-Butanone (MEK)	< .01	mg/l			WG810966	08/26/15 13:34
2-Hexanone	< .01	mg/l			WG810966	08/26/15 13:34
4-Methyl-2-pentanone (MIBK)	< .01	mg/l			WG810966	08/26/15 13:34
Acetone	< .05	mg/l			WG810966	08/26/15 13:34
Benzene	< .001	mg/l			WG810966	08/26/15 13:34
Bromochloromethane	< .001	mg/l			WG810966	08/26/15 13:34
Bromodichloromethane	< .001	mg/l			WG810966	08/26/15 13:34
Bromoform	< .001	mg/l			WG810966	08/26/15 13:34
Bromomethane	< .005	mg/l			WG810966	08/26/15 13:34
Carbon disulfide	< .001	mg/l			WG810966	08/26/15 13:34
Carbon tetrachloride	< .001	mg/l			WG810966	08/26/15 13:34
Chlorobenzene	< .001	mg/l			WG810966	08/26/15 13:34
Chlorodibromomethane	< .001	mg/l			WG810966	08/26/15 13:34
Chloroethane	< .005	mg/l			WG810966	08/26/15 13:34
Chloroform	< .005	mg/l			WG810966	08/26/15 13:34
Chloromethane	< .0025	mg/l			WG810966	08/26/15 13:34
cis-1,2-Dichloroethene	< .001	mg/l			WG810966	08/26/15 13:34
cis-1,3-Dichloropropene	< .001	mg/l			WG810966	08/26/15 13:34
Cyclohexane	< .001	mg/l			WG810966	08/26/15 13:34
Dichlorodifluoromethane	< .005	mg/l			WG810966	08/26/15 13:34
Ethylbenzene	< .001	mg/l			WG810966	08/26/15 13:34
Isopropylbenzene	< .001	mg/l			WG810966	08/26/15 13:34
m&p-Xylenes	< .002	mg/l			WG810966	08/26/15 13:34
Methyl Acetate	< .02	mg/l			WG810966	08/26/15 13:34
Methyl Cyclohexane	< .001	mg/l			WG810966	08/26/15 13:34
Methyl tert-butyl ether	< .001	mg/l			WG810966	08/26/15 13:34
Methylene Chloride	< .005	mg/l			WG810966	08/26/15 13:34
n-Butylbenzene	< .001	mg/l			WG810966	08/26/15 13:34
n-Propylbenzene	< .001	mg/l			WG810966	08/26/15 13:34
Naphthalene	< .005	mg/l			WG810966	08/26/15 13:34
o-Xylene	< .001	mg/l			WG810966	08/26/15 13:34
p-Isopropyltoluene	< .001	mg/l			WG810966	08/26/15 13:34
sec-Butylbenzene	< .001	mg/l			WG810966	08/26/15 13:34
Styrene	< .001	mg/l			WG810966	08/26/15 13:34
tert-Butylbenzene	< .001	mg/l			WG810966	08/26/15 13:34
Tetrachloroethene	< .001	mg/l			WG810966	08/26/15 13:34
Toluene	< .005	mg/l			WG810966	08/26/15 13:34
trans-1,2-Dichloroethene	< .001	mg/l			WG810966	08/26/15 13:34
trans-1,3-Dichloropropene	< .001	mg/l			WG810966	08/26/15 13:34
Trichloroethene	< .001	mg/l			WG810966	08/26/15 13:34
Trichlorofluoromethane	< .005	mg/l			WG810966	08/26/15 13:34
Vinyl chloride	< .001	mg/l			WG810966	08/26/15 13:34

* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

ESC LAB SCIENCES
YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

LaBella Associates, P.C.
Mr. Dan Noll
300 State Street, Suite 201
Rochester, NY 14614

Quality Assurance Report
Level II

L784525

August 30, 2015

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
4-Bromofluorobenzene		% Rec.	100.0	80.1-120		08/26/15 13:34
Dibromofluoromethane		% Rec.	96.40	79-121		08/26/15 13:34
Toluene-d8		% Rec.	97.80	90-115		08/26/15 13:34
a,a,a-Trifluorotoluene		% Rec.	103.0	90.4-116		08/26/15 13:34
cis-1,2-Dichloroethene	< .001	mg/l			WG810961	08/28/15 09:05
Trichloroethene	< .001	mg/l			WG810961	08/28/15 09:05
4-Bromofluorobenzene		% Rec.	107.0	80.1-120	WG810961	08/28/15 09:05
Dibromofluoromethane		% Rec.	95.30	79-121	WG810961	08/28/15 09:05
Toluene-d8		% Rec.	97.80	90-115	WG810961	08/28/15 09:05
a,a,a-Trifluorotoluene		% Rec.	106.0	90.4-116	WG810961	08/28/15 09:05

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
1,1,1-Trichloroethane	mg/l	.025	0.0244	97.6	71.1-129	WG810966
1,1,2,2-Tetrachloroethane	mg/l	.025	0.0239	95.6	79.3-123	WG810966
1,1,2-Trichloroethane	mg/l	.025	0.0250	100.	81.6-120	WG810966
1,1,2-Trichlorotrifluoroethane	mg/l	.025	0.0234	93.7	62-141	WG810966
1,1-Dichloroethane	mg/l	.025	0.0236	94.5	71.7-127	WG810966
1,1-Dichloroethene	mg/l	.025	0.0230	91.9	59.9-137	WG810966
1,2,3-Trichlorobenzene	mg/l	.025	0.0246	98.3	75.7-134	WG810966
1,2,4-Trichlorobenzene	mg/l	.025	0.0251	100.	76.1-136	WG810966
1,2,4-Trimethylbenzene	mg/l	.025	0.0250	100.	79-122	WG810966
1,2-Dibromo-3-Chloropropane	mg/l	.025	0.0261	104.	64.8-131	WG810966
1,2-Dibromoethane	mg/l	.025	0.0244	97.5	79.8-122	WG810966
1,2-Dichlorobenzene	mg/l	.025	0.0246	98.4	84.7-118	WG810966
1,2-Dichloroethane	mg/l	.025	0.0231	92.6	79.8-122	WG810966
1,2-Dichloropropane	mg/l	.025	0.0242	96.8	77.4-125	WG810966
1,3,5-Trimethylbenzene	mg/l	.025	0.0249	99.6	81-123	WG810966
1,3-Dichlorobenzene	mg/l	.025	0.0251	100.	77.6-127	WG810966
1,4-Dichlorobenzene	mg/l	.025	0.0232	93.0	82.2-114	WG810966
2-Butanone (MEK)	mg/l	.125	0.125	99.7	46.4-155	WG810966
2-Hexanone	mg/l	.125	0.130	104.	59.4-151	WG810966
4-Methyl-2-pentanone (MIBK)	mg/l	.125	0.118	94.2	63.3-138	WG810966
Acetone	mg/l	.125	0.136	109.	28.7-175	WG810966
Benzene	mg/l	.025	0.0238	95.0	73-122	WG810966
Bromochloromethane	mg/l	.025	0.0240	96.1	78.9-123	WG810966
Bromodichloromethane	mg/l	.025	0.0245	98.1	75.5-121	WG810966
Bromoform	mg/l	.025	0.0261	104.	71.5-131	WG810966
Bromomethane	mg/l	.025	0.0214	85.7	22.4-187	WG810966
Carbon disulfide	mg/l	.025	0.0207	82.6	53-134	WG810966
Carbon tetrachloride	mg/l	.025	0.0253	101.	70.9-129	WG810966
Chlorobenzene	mg/l	.025	0.0251	101.	79.7-122	WG810966
Chlorodibromomethane	mg/l	.025	0.0249	99.8	78.2-124	WG810966
Chloroethane	mg/l	.025	0.0216	86.3	41.2-153	WG810966
Chloroform	mg/l	.025	0.0238	95.2	73.2-125	WG810966
Chloromethane	mg/l	.025	0.0194	77.5	55.8-134	WG810966
cis-1,2-Dichloroethene	mg/l	.025	0.0244	97.8	77.3-122	WG810966
cis-1,3-Dichloropropene	mg/l	.025	0.0255	102.	77.7-124	WG810966
Dichlorodifluoromethane	mg/l	.025	0.0208	83.0	56-134	WG810966
Ethylbenzene	mg/l	.025	0.0248	99.3	80.9-121	WG810966
Isopropylbenzene	mg/l	.025	0.0252	101.	81.6-124	WG810966
m&p-Xylenes	mg/l	.05	0.0502	100.	78.5-122	WG810966
Methyl tert-butyl ether	mg/l	.025	0.0245	98.1	70.1-125	WG810966
Methylene Chloride	mg/l	.025	0.0230	92.0	69.5-120	WG810966
n-Butylbenzene	mg/l	.025	0.0245	98.0	75.9-134	WG810966
n-Propylbenzene	mg/l	.025	0.0246	98.5	81.9-122	WG810966
Naphthalene	mg/l	.025	0.0236	94.2	69.7-134	WG810966
o-Xylene	mg/l	.025	0.0244	97.5	79.1-123	WG810966

* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

ESC LAB SCIENCES
YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

LaBella Associates, P.C.
Mr. Dan Noll
300 State Street, Suite 201
Rochester, NY 14614

Quality Assurance Report
Level II

L784525

August 30, 2015

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
p-Isopropyltoluene	mg/l	.025	0.0254	102.	77.6-129	WG810966
sec-Butylbenzene	mg/l	.025	0.0251	100.	80.6-126	WG810966
Styrene	mg/l	.025	0.0267	107.	79.9-124	WG810966
tert-Butylbenzene	mg/l	.025	0.0251	100.	79.3-127	WG810966
Tetrachloroethene	mg/l	.025	0.0249	99.5	73.5-130	WG810966
Toluene	mg/l	.025	0.0242	96.7	77.9-116	WG810966
trans-1,2-Dichloroethene	mg/l	.025	0.0239	95.5	72.6-125	WG810966
trans-1,3-Dichloropropene	mg/l	.025	0.0267	107.	73.5-127	WG810966
Trichloroethene	mg/l	.025	0.0251	101.	79.5-121	WG810966
Trichlorofluoromethane	mg/l	.025	0.0227	90.9	49.1-157	WG810966
Vinyl chloride	mg/l	.025	0.0219	87.6	61.5-134	WG810966
4-Bromofluorobenzene				100.0	80.1-120	WG810966
Dibromofluoromethane				95.20	79-121	WG810966
Toluene-d8				99.20	90-115	WG810966
a,a,a-Trifluorotoluene				103.0	90.4-116	WG810966
cis-1,2-Dichloroethene	mg/l	.025	0.0258	103.	77.3-122	WG810961
Trichloroethene	mg/l	.025	0.0264	106.	79.5-121	WG810961
4-Bromofluorobenzene				104.0	80.1-120	WG810961
Dibromofluoromethane				99.20	79-121	WG810961
Toluene-d8				99.30	90-115	WG810961
a,a,a-Trifluorotoluene				104.0	90.4-116	WG810961

Laboratory Control Sample Duplicate

Analyte	Units	Result	Ref	%Rec	Limit	RPD	Limit	Batch
1,1,1-Trichloroethane	mg/l	0.0252	0.0244	101.	71.1-129	3.46	20	WG810966
1,1,2,2-Tetrachloroethane	mg/l	0.0245	0.0239	98.0	79.3-123	2.37	20	WG810966
1,1,2-Trichloroethane	mg/l	0.0249	0.0250	100.	81.6-120	0.540	20	WG810966
1,1,2-Trichlorotrifluoroethane	mg/l	0.0243	0.0234	97.0	62-141	3.44	20	WG810966
1,1-Dichloroethane	mg/l	0.0248	0.0236	99.0	71.7-127	4.70	20	WG810966
1,1-Dichloroethene	mg/l	0.0239	0.0230	95.0	59.9-137	3.77	20	WG810966
1,2,3-Trichlorobenzene	mg/l	0.0260	0.0246	104.	75.7-134	5.81	20	WG810966
1,2,4-Trichlorobenzene	mg/l	0.0263	0.0251	105.	76.1-136	4.82	20	WG810966
1,2,4-Trimethylbenzene	mg/l	0.0256	0.0250	102.	79-122	2.14	20	WG810966
1,2-Dibromo-3-Chloropropane	mg/l	0.0267	0.0261	107.	64.8-131	2.50	20	WG810966
1,2-Dibromoethane	mg/l	0.0242	0.0244	97.0	79.8-122	0.600	20	WG810966
1,2-Dichlorobenzene	mg/l	0.0254	0.0246	101.	84.7-118	3.03	20	WG810966
1,2-Dichloroethane	mg/l	0.0236	0.0231	94.0	79.8-122	2.11	20	WG810966
1,2-Dichloropropane	mg/l	0.0246	0.0242	98.0	77.4-125	1.82	20	WG810966
1,3,5-Trimethylbenzene	mg/l	0.0255	0.0249	102.	81-123	2.54	20	WG810966
1,3-Dichlorobenzene	mg/l	0.0256	0.0251	102.	77.6-127	2.22	20	WG810966
1,4-Dichlorobenzene	mg/l	0.0240	0.0232	96.0	82.2-114	3.21	20	WG810966
2-Butanone (MEK)	mg/l	0.125	0.125	100.	46.4-155	0.0600	20	WG810966
2-Hexanone	mg/l	0.129	0.130	104.	59.4-151	0.590	20	WG810966
4-Methyl-2-pentanone (MIBK)	mg/l	0.120	0.118	96.0	63.3-138	1.54	20	WG810966
Acetone	mg/l	0.133	0.136	106.	28.7-175	2.43	20.9	WG810966
Benzene	mg/l	0.0244	0.0238	97.0	73-122	2.52	20	WG810966
Bromochloromethane	mg/l	0.0257	0.0240	103.	78.9-123	6.88	20	WG810966
Bromodichloromethane	mg/l	0.0247	0.0245	99.0	75.5-121	0.870	20	WG810966
Bromoform	mg/l	0.0265	0.0261	106.	71.5-131	1.57	20	WG810966
Bromomethane	mg/l	0.0213	0.0214	85.0	22.4-187	0.620	20	WG810966
Carbon disulfide	mg/l	0.0214	0.0207	86.0	53-134	3.74	20	WG810966
Carbon tetrachloride	mg/l	0.0261	0.0253	104.	70.9-129	2.95	20	WG810966
Chlorobenzene	mg/l	0.0251	0.0251	100.	79.7-122	0.0800	20	WG810966
Chlorodibromomethane	mg/l	0.0251	0.0249	100.	78.2-124	0.620	20	WG810966
Chloroethane	mg/l	0.0224	0.0216	90.0	41.2-153	3.64	20	WG810966
Chloroform	mg/l	0.0249	0.0238	100.	73.2-125	4.65	20	WG810966

* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

ESC LAB SCIENCES
YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

LaBella Associates, P.C.
Mr. Dan Noll
300 State Street, Suite 201
Rochester, NY 14614

Quality Assurance Report
Level II

L784525

August 30, 2015

Analyte	Units	Laboratory Control Sample Result	Ref	%Rec	Limit	Duplicate RPD	Limit	Batch
Chloromethane	mg/l	0.0205	0.0194	82.0	55.8-134	5.68	20	WG810966
cis-1,2-Dichloroethene	mg/l	0.0257	0.0244	103.	77.3-122	5.15	20	WG810966
cis-1,3-Dichloropropene	mg/l	0.0260	0.0255	104.	77.7-124	2.12	20	WG810966
Dichlorodifluoromethane	mg/l	0.0217	0.0208	87.0	56-134	4.42	20	WG810966
Ethylbenzene	mg/l	0.0253	0.0248	101.	80.9-121	1.89	20	WG810966
Isopropylbenzene	mg/l	0.0257	0.0252	103.	81.6-124	2.00	20	WG810966
m&p-Xylenes	mg/l	0.0505	0.0502	101.	78.5-122	0.500	20	WG810966
Methyl tert-butyl ether	mg/l	0.0258	0.0245	103.	70.1-125	4.96	20	WG810966
Methylene Chloride	mg/l	0.0243	0.0230	97.0	69.5-120	5.68	20	WG810966
n-Butylbenzene	mg/l	0.0252	0.0245	101.	75.9-134	2.78	20	WG810966
n-Propylbenzene	mg/l	0.0248	0.0246	99.0	81.9-122	0.720	20	WG810966
Naphthalene	mg/l	0.0251	0.0236	100.	69.7-134	6.14	20	WG810966
o-Xylene	mg/l	0.0250	0.0244	100.	79.1-123	2.48	20	WG810966
p-Isopropyltoluene	mg/l	0.0263	0.0254	105.	77.6-129	3.27	20	WG810966
sec-Butylbenzene	mg/l	0.0257	0.0251	103.	80.6-126	2.34	20	WG810966
Styrene	mg/l	0.0263	0.0267	105.	79.9-124	1.74	20	WG810966
tert-Butylbenzene	mg/l	0.0261	0.0251	104.	79.3-127	3.80	20	WG810966
Tetrachloroethene	mg/l	0.0250	0.0249	100.	73.5-130	0.670	20	WG810966
Toluene	mg/l	0.0248	0.0242	99.0	77.9-116	2.46	20	WG810966
trans-1,2-Dichloroethene	mg/l	0.0265	0.0239	106.	72.6-125	10.4	20	WG810966
trans-1,3-Dichloropropene	mg/l	0.0263	0.0267	105.	73.5-127	1.45	20	WG810966
Trichloroethene	mg/l	0.0262	0.0251	105.	79.5-121	4.19	20	WG810966
Trichlorofluoromethane	mg/l	0.0236	0.0227	94.0	49.1-157	3.85	20	WG810966
Vinyl chloride	mg/l	0.0228	0.0219	91.0	61.5-134	4.22	20	WG810966
4-Bromofluorobenzene				98.30	80.1-120			WG810966
Dibromofluoromethane				97.70	79-121			WG810966
Toluene-d8				98.70	90-115			WG810966
a,a,a-Trifluorotoluene				103.0	90.4-116			WG810966
cis-1,2-Dichloroethene	mg/l	0.0233	0.0258	93.0	77.3-122	9.97	20	WG810961
Trichloroethene	mg/l	0.0244	0.0264	98.0	79.5-121	7.92	20	WG810961
4-Bromofluorobenzene				103.0	80.1-120			WG810961
Dibromofluoromethane				96.00	79-121			WG810961
Toluene-d8				98.50	90-115			WG810961
a,a,a-Trifluorotoluene				105.0	90.4-116			WG810961

Analyte	Units	Matrix Spike MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
1,1,1-Trichloroethane	mg/l	0.0241	0.00	.025	96.6	62.8-138	L784225-02	WG810966
1,1,2,2-Tetrachloroethane	mg/l	0.0241	0.00	.025	96.5	64.9-145	L784225-02	WG810966
1,1,2-Trichloroethane	mg/l	0.0240	0.00	.025	96.0	74.1-130	L784225-02	WG810966
1,1,2-Trichlorotrifluoroethane	mg/l	0.0232	0.00	.025	92.7	53.7-150	L784225-02	WG810966
1,1-Dichloroethane	mg/l	0.0238	0.00	.025	95.0	64-134	L784225-02	WG810966
1,1-Dichloroethene	mg/l	0.0221	0.00	.025	88.3	48.8-144	L784225-02	WG810966
1,2,3-Trichlorobenzene	mg/l	0.0245	0.00	.025	98.0	65.7-143	L784225-02	WG810966
1,2,4-Trichlorobenzene	mg/l	0.0250	0.00	.025	100.	67-146	L784225-02	WG810966
1,2,4-Trimethylbenzene	mg/l	0.0256	0.00	.025	102.	60.5-137	L784225-02	WG810966
1,2-Dibromo-3-Chloropropane	mg/l	0.0263	0.00	.025	105.	63.9-142	L784225-02	WG810966
1,2-Dibromoethane	mg/l	0.0233	0.00	.025	93.0	73.8-131	L784225-02	WG810966
1,2-Dichlorobenzene	mg/l	0.0240	0.00	.025	95.9	77.4-127	L784225-02	WG810966
1,2-Dichloroethane	mg/l	0.0229	0.00	.025	91.7	60.7-132	L784225-02	WG810966
1,2-Dichloropropane	mg/l	0.0232	0.00	.025	92.7	69.7-130	L784225-02	WG810966
1,3,5-Trimethylbenzene	mg/l	0.0242	0.00	.025	96.9	67.9-134	L784225-02	WG810966
1,3-Dichlorobenzene	mg/l	0.0239	0.00	.025	95.5	67.9-136	L784225-02	WG810966
1,4-Dichlorobenzene	mg/l	0.0225	0.00	.025	89.8	74.4-123	L784225-02	WG810966
2-Butanone (MEK)	mg/l	0.103	0.00176	.125	80.7	45-156	L784225-02	WG810966
2-Hexanone	mg/l	0.107	0.00	.125	85.9	59.4-154	L784225-02	WG810966

* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

ESC LAB SCIENCES
YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

LaBella Associates, P.C.
Mr. Dan Noll
300 State Street, Suite 201
Rochester, NY 14614

Quality Assurance Report
Level II

L784525

August 30, 2015

Analyte	Units	Matrix Spike MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
4-Methyl-2-pentanone (MIBK)	mg/l	0.114	0.00	.125	90.8	60.7-150	L784225-02	WG810966
Acetone	mg/l	0.0851	0.00803	.125	61.7	25-156	L784225-02	WG810966
Benzene	mg/l	0.0230	0.00	.025	91.9	58.6-133	L784225-02	WG810966
Bromochloromethane	mg/l	0.0243	0.00	.025	97.1	74.4-128	L784225-02	WG810966
Bromodichloromethane	mg/l	0.0232	0.00	.025	92.9	69.2-127	L784225-02	WG810966
Bromoform	mg/l	0.0249	0.00	.025	99.6	66.3-140	L784225-02	WG810966
Bromomethane	mg/l	0.0186	0.00	.025	74.5	16.6-183	L784225-02	WG810966
Carbon disulfide	mg/l	0.0191	0.00127	.025	71.4	34.9-138	L784225-02	WG810966
Carbon tetrachloride	mg/l	0.0246	0.00	.025	98.6	60.6-139	L784225-02	WG810966
Chlorobenzene	mg/l	0.0233	0.00	.025	93.3	70.1-130	L784225-02	WG810966
Chlorodibromomethane	mg/l	0.0240	0.00	.025	95.8	71.6-132	L784225-02	WG810966
Chloroethane	mg/l	0.0204	0.00	.025	81.4	33.3-155	L784225-02	WG810966
Chloroform	mg/l	0.0241	0.00	.025	96.5	66.1-133	L784225-02	WG810966
Chloromethane	mg/l	0.0186	0.00	.025	74.4	40.7-139	L784225-02	WG810966
cis-1,2-Dichloroethene	mg/l	0.0242	0.00	.025	96.9	60.6-136	L784225-02	WG810966
cis-1,3-Dichloropropene	mg/l	0.0232	0.00	.025	92.9	71.1-129	L784225-02	WG810966
Dichlorodifluoromethane	mg/l	0.0214	0.00	.025	85.6	42.2-146	L784225-02	WG810966
Ethylbenzene	mg/l	0.0237	0.00	.025	94.8	62.7-136	L784225-02	WG810966
Isopropylbenzene	mg/l	0.0246	0.00	.025	98.2	67.4-136	L784225-02	WG810966
m&p-Xylenes	mg/l	0.0465	0.00	.05	93.0	64.1-133	L784225-02	WG810966
Methyl tert-butyl ether	mg/l	0.0246	0.00	.025	98.5	61.4-136	L784225-02	WG810966
Methylene Chloride	mg/l	0.0218	0.00	.025	87.0	61.5-125	L784225-02	WG810966
n-Butylbenzene	mg/l	0.0242	0.00	.025	96.8	64.8-145	L784225-02	WG810966
n-Propylbenzene	mg/l	0.0238	0.00	.025	95.0	63.2-139	L784225-02	WG810966
Naphthalene	mg/l	0.0250	0.00	.025	99.9	61.8-143	L784225-02	WG810966
o-Xylene	mg/l	0.0235	0.00	.025	94.1	67.1-133	L784225-02	WG810966
p-Isopropyltoluene	mg/l	0.0254	0.00	.025	102.	62.8-143	L784225-02	WG810966
sec-Butylbenzene	mg/l	0.0244	0.00	.025	97.7	66.8-139	L784225-02	WG810966
Styrene	mg/l	0.0246	0.00	.025	98.2	68.2-133	L784225-02	WG810966
tert-Butylbenzene	mg/l	0.0245	0.00	.025	97.9	67.1-138	L784225-02	WG810966
Tetrachloroethene	mg/l	0.0227	0.00	.025	90.8	57.4-141	L784225-02	WG810966
Toluene	mg/l	0.0224	0.00	.025	89.5	67.8-124	L784225-02	WG810966
trans-1,2-Dichloroethene	mg/l	0.0233	0.00	.025	93.1	61-132	L784225-02	WG810966
trans-1,3-Dichloropropene	mg/l	0.0244	0.00	.025	97.4	66.3-136	L784225-02	WG810966
Trichloroethene	mg/l	0.0237	0.00	.025	94.8	48.9-148	L784225-02	WG810966
Trichlorofluoromethane	mg/l	0.0218	0.00	.025	87.1	39.9-165	L784225-02	WG810966
Vinyl chloride	mg/l	0.0213	0.00	.025	85.2	44.3-143	L784225-02	WG810966
4-Bromofluorobenzene					98.40	80.1-120		WG810966
Dibromofluoromethane					98.80	79-121		WG810966
Toluene-d8					97.50	90-115		WG810966
a,a,a-Trifluorotoluene					101.0	90.4-116		WG810966
cis-1,2-Dichloroethene	mg/l	0.0241	0.00	.025	96.3	60.6-136	L784417-01	WG810961
Trichloroethene	mg/l	0.0245	0.00	.025	98.1	48.9-148	L784417-01	WG810961
4-Bromofluorobenzene					102.0	80.1-120		WG810961
Dibromofluoromethane					96.80	79-121		WG810961
Toluene-d8					97.10	90-115		WG810961
a,a,a-Trifluorotoluene					103.0	90.4-116		WG810961

Analyte	Units	Matrix Spike Duplicate MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
1,1,1-Trichloroethane	mg/l	0.0246	0.0241	98.4	62.8-138	1.88	20	L784225-02	WG810966
1,1,2,2-Tetrachloroethane	mg/l	0.0254	0.0241	102.	64.9-145	5.26	20	L784225-02	WG810966
1,1,2-Trichloroethane	mg/l	0.0248	0.0240	99.0	74.1-130	3.13	20	L784225-02	WG810966
1,1,2-Trichlorotrifluoroethane	mg/l	0.0237	0.0232	94.8	53.7-150	2.24	20	L784225-02	WG810966
1,1-Dichloroethane	mg/l	0.0244	0.0238	97.6	64-134	2.66	20	L784225-02	WG810966
1,1-Dichloroethene	mg/l	0.0233	0.0221	93.1	48.8-144	5.21	20	L784225-02	WG810966

* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

ESC LAB SCIENCES
YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

LaBella Associates, P.C.
Mr. Dan Noll
300 State Street, Suite 201
Rochester, NY 14614

Quality Assurance Report
Level II

L784525

August 30, 2015

Analyte	Units	Matrix Spike MSD	Duplicate Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
1,2,3-Trichlorobenzene	mg/l	0.0252	0.0245	101.	65.7-143	2.98	20	L784225-02	WG810966
1,2,4-Trichlorobenzene	mg/l	0.0255	0.0250	102.	67-146	1.74	20	L784225-02	WG810966
1,2,4-Trimethylbenzene	mg/l	0.0251	0.0256	100.	60.5-137	1.87	20	L784225-02	WG810966
1,2-Dibromo-3-Chloropropane	mg/l	0.0271	0.0263	108.	63.9-142	2.86	20.2	L784225-02	WG810966
1,2-Dibromoethane	mg/l	0.0238	0.0233	95.4	73.8-131	2.50	20	L784225-02	WG810966
1,2-Dichlorobenzene	mg/l	0.0246	0.0240	98.3	77.4-127	2.40	20	L784225-02	WG810966
1,2-Dichloroethane	mg/l	0.0237	0.0229	94.9	60.7-132	3.35	20	L784225-02	WG810966
1,2-Dichloropropane	mg/l	0.0236	0.0232	94.3	69.7-130	1.68	20	L784225-02	WG810966
1,3,5-Trimethylbenzene	mg/l	0.0246	0.0242	98.2	67.9-134	1.40	20	L784225-02	WG810966
1,3-Dichlorobenzene	mg/l	0.0247	0.0239	98.7	67.9-136	3.24	20	L784225-02	WG810966
1,4-Dichlorobenzene	mg/l	0.0228	0.0225	91.3	74.4-123	1.62	20	L784225-02	WG810966
2-Butanone (MEK)	mg/l	0.109	0.103	85.6	45-156	5.76	20.8	L784225-02	WG810966
2-Hexanone	mg/l	0.114	0.107	90.8	59.4-154	5.67	20.1	L784225-02	WG810966
4-Methyl-2-pentanone (MIBK)	mg/l	0.123	0.114	98.1	60.7-150	7.74	20	L784225-02	WG810966
Acetone	mg/l	0.0901	0.0851	65.7	25-156	5.71	21.5	L784225-02	WG810966
Benzene	mg/l	0.0235	0.0230	94.2	58.6-133	2.47	20	L784225-02	WG810966
Bromochloromethane	mg/l	0.0250	0.0243	100.	74.4-128	2.98	20	L784225-02	WG810966
Bromodichloromethane	mg/l	0.0245	0.0232	97.9	69.2-127	5.23	20	L784225-02	WG810966
Bromoform	mg/l	0.0266	0.0249	106.	66.3-140	6.50	20	L784225-02	WG810966
Bromomethane	mg/l	0.0204	0.0186	81.7	16.6-183	9.15	20.5	L784225-02	WG810966
Carbon disulfide	mg/l	0.0201	0.0191	75.4	34.9-138	5.03	20	L784225-02	WG810966
Carbon tetrachloride	mg/l	0.0254	0.0246	101.	60.6-139	2.92	20	L784225-02	WG810966
Chlorobenzene	mg/l	0.0239	0.0233	95.6	70.1-130	2.48	20	L784225-02	WG810966
Chlorodibromomethane	mg/l	0.0247	0.0240	98.9	71.6-132	3.13	20	L784225-02	WG810966
Chloroethane	mg/l	0.0213	0.0204	85.3	33.3-155	4.63	20	L784225-02	WG810966
Chloroform	mg/l	0.0248	0.0241	99.0	66.1-133	2.66	20	L784225-02	WG810966
Chloromethane	mg/l	0.0188	0.0186	75.1	40.7-139	0.950	20	L784225-02	WG810966
cis-1,2-Dichloroethene	mg/l	0.0251	0.0242	100.	60.6-136	3.76	20	L784225-02	WG810966
cis-1,3-Dichloropropene	mg/l	0.0243	0.0232	97.2	71.1-129	4.47	20	L784225-02	WG810966
Dichlorodifluoromethane	mg/l	0.0221	0.0214	88.5	42.2-146	3.33	20	L784225-02	WG810966
Ethylbenzene	mg/l	0.0240	0.0237	95.8	62.7-136	1.13	20	L784225-02	WG810966
Isopropylbenzene	mg/l	0.0253	0.0246	101.	67.4-136	2.99	20	L784225-02	WG810966
m&p-Xylenes	mg/l	0.0474	0.0465	94.9	64.1-133	2.07	20	L784225-02	WG810966
Methyl tert-butyl ether	mg/l	0.0257	0.0246	103.	61.4-136	4.42	20	L784225-02	WG810966
Methylene Chloride	mg/l	0.0230	0.0218	91.8	61.5-125	5.41	20	L784225-02	WG810966
n-Butylbenzene	mg/l	0.0243	0.0242	97.3	64.8-145	0.490	20	L784225-02	WG810966
n-Propylbenzene	mg/l	0.0240	0.0238	96.0	63.2-139	1.01	20	L784225-02	WG810966
Naphthalene	mg/l	0.0254	0.0250	101.	61.8-143	1.52	20	L784225-02	WG810966
o-Xylene	mg/l	0.0240	0.0235	96.0	67.1-133	2.01	20	L784225-02	WG810966
p-Isopropyltoluene	mg/l	0.0257	0.0254	103.	62.8-143	1.01	20	L784225-02	WG810966
sec-Butylbenzene	mg/l	0.0250	0.0244	100.	66.8-139	2.47	20	L784225-02	WG810966
Styrene	mg/l	0.0251	0.0246	100.	68.2-133	2.35	20	L784225-02	WG810966
tert-Butylbenzene	mg/l	0.0253	0.0245	101.	67.1-138	3.18	20	L784225-02	WG810966
Tetrachloroethene	mg/l	0.0232	0.0227	92.9	57.4-141	2.31	20	L784225-02	WG810966
Toluene	mg/l	0.0235	0.0224	93.8	67.8-124	4.75	20	L784225-02	WG810966
trans-1,2-Dichloroethene	mg/l	0.0235	0.0233	93.9	61-132	0.860	20	L784225-02	WG810966
trans-1,3-Dichloropropene	mg/l	0.0254	0.0244	102.	66.3-136	4.37	20	L784225-02	WG810966
Trichloroethene	mg/l	0.0247	0.0237	98.7	48.9-148	3.98	20	L784225-02	WG810966
Trichlorofluoromethane	mg/l	0.0229	0.0218	91.4	39.9-165	4.86	20	L784225-02	WG810966
Vinyl chloride	mg/l	0.0215	0.0213	86.0	44.3-143	0.920	20	L784225-02	WG810966
4-Bromofluorobenzene				99.00	80.1-120				WG810966
Dibromofluoromethane				100.0	79-121				WG810966
Toluene-d8				99.60	90-115				WG810966
a,a,a-Trifluorotoluene				104.0	90.4-116				WG810966
cis-1,2-Dichloroethene	mg/l	0.0237	0.0241	95.0	60.6-136	1.42	20	L784417-01	WG810961
Trichloroethene	mg/l	0.0244	0.0245	97.4	48.9-148	0.740	20	L784417-01	WG810961
4-Bromofluorobenzene				101.0	80.1-120				WG810961

* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

ESC LAB SCIENCES
YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

LaBella Associates, P.C.
Mr. Dan Noll
300 State Street, Suite 201

Rochester, NY 14614

Quality Assurance Report
Level II

L784525

August 30, 2015

Analyte	Units	MSD Ref	Matrix Spike Duplicate %Rec	Limit	RPD	Limit	Ref Samp	Batch
Dibromofluoromethane			95.80	79-121				
Toluene-d8			97.70	90-115				
a,a,a-Trifluorotoluene			103.0	90.4-116				

Batch number /Run number / Sample number cross reference

WG810966: R3067483: L784525-01 02 03 04
WG810961: R3068814: L784525-01 04

* * Calculations are performed prior to rounding of reported values.
* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

ESC LAB SCIENCES
YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

LaBella Associates, P.C.
Mr. Dan Noll
300 State Street, Suite 201

Rochester, NY 14614

Quality Assurance Report
Level II

L784525

August 30, 2015

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

LaBella Associates, P.C.

300 State Street, Suite 201
Rochester, NY 14614

Billing Information:

Attn: Accounts Payable
300 State St., Ste. 201
Rochester, NY 14614

Report to: droll@labellapc.com

Email To: srife@labellapc.com

Project Description: 690 PDB Sampling Aug 2015

City/State Collected: Rochester NY

Phone: 585-295-6643
Fax:

Client Project # 209280

Lab Project #

Collected by (print): S. Rife

Site/Facility ID #

P.O. #

Collected by (signature): Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed

Email? ___No ___Yes
FAX? ___No ___Yes

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	TCL + CP-51 VOCs + TICs	Rem./Contaminant	Sample # (lab only)
MW-7A	G	GW		8/20/15	1440	2	X		01
BW-8	G	GW			1520	2	X		02
MW-12	G	GW			1550	2	X		03
MW-13	G	GW		↓	1620	2	X		04

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

ESC LABORATORIES
YOUR LAB OF CHOICE
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# 78525
K162

Acctnum: LABRNY
Template:
Prelogin:
TSR: 364 - T. Alan Harvill
PB:
Shipped Via:

* Matrix: **SS** - Soil **GW** - Groundwater **WW** - WasteWater **DW** - Drinking Water **OT** - Other_____

Remarks: NYS EQUIS EDD
ASP CAT B DELIVERABLE

pH _____ Temp _____
Flow _____ Other _____

Hold #

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
	8/20/15	1700	FedEx
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
			6443 1359 8167
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)

Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐ _____
Temp: 3.8 °C Bottles Received: 8
Date: 8/21/15 Time: 0911

Condition: 75 (lab use only)
COC Seal Intact: ___Y ___N ___NA
pH Checked: NCF: