APPENDIX R

Data Usability Summary Reports and Associated Analytical Data

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Edgewood Warehouse
Eurofins SDG#480-139705-1
July 1, 2019
Sampling date: 7/26, 27/2018

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data packages for Labella Associates DPC, project located at Edgewood Warehouse, Eurofins SDG#480-139705-1, submitted to Vali-Data of WNY, LLC on June 19, 2019. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory performed the analyses using USEPA methods VOC (8260C), SVOC SIM ID (8270D) and Fluorinated Alkyl Substances (537 modified).

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in MS/MSD.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.
Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All criteria were met.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
All the criteria were met.

LABORATORY CONTROL SAMPLES
All criteria were met.

MS/MSD
All criteria were met except the %Rec of 1,1-Dichloroethene was outside QC limits, high in MW-12MS/MSD and should be qualified as estimated high. This target analyte should be qualified as estimated high if detected in MW-12.
The RPD of 1,1,2-Trichloroethane, Dichlorodifluoromethane and Benzene were outside QC limits between MW-12MS and MW-12MSD. These target analytes should be qualified as estimated in MW-12 and MW-12MS/MSD.

COMPOUND QUANTITATION
All the criteria were met except Chloroform was detected above the reporting limit in Trip Blank. This target analyte was not detected in the samples, so no further action is required.

INITIAL CALIBRATION
All criteria were met.
Alternate forms of regression were used for target analytes in which the %RSD>20.0%, with acceptable results.

CONTINUING CALIBRATION
All criteria were met.

GC/MS PERFORMANCE CHECK
All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS SIM ID

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in Holding Times, Laboratory Control Samples and Method Blank.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.
Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All criteria were met except the reanalysis of the samples was outside the hold time and should be qualified as estimated.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All the criteria were met except 1,4-Dioxane was detected above the reporting limit in MB 480-427318/1-A. Associated samples in which this target analyte was detected below the reporting limit should be qualified as undetected at the reporting limit. Associated samples in which this target analyte was detected above the reporting limit but below the method blank concentration should be qualified as undetected. Associated samples in which this target analyte was detected above the method blank concentration should be qualified as estimated high.

FIELD DUPLICATE SAMPLE PRECISION
All the criteria were met.

LABORATORY CONTROL SAMPLES
All criteria were met except the %Rec of 1,4-Dioxane was outside QC limits, high in LCS 480-427318/2-A and LCSD 480-427318/3-A. This target analyte should be qualified as estimated high in the associated samples in which it was detected.

MS/MSD
No MS/MSD was performed on these samples.

COMPOUND QUANTITATION
All the criteria were met.

INITIAL CALIBRATION
All criteria were met.
Alternate forms of regression were used for target analytes in which the %RSD>20.0%, with acceptable results.

CONTINUING CALIBRATION
All criteria were met.

GC/MS PERFORMANCE CHECK
All criteria were met.

PFC IDA

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in Holding Times, Surrogate Spike Recoveries and Method Blank.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met except the temperature of the samples was outside QC limits. All target analytes should be qualified as estimated.

INTERNAL STANDARD
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met except the %Rec of M2-6:2-FTS was outside QC limits, high in MW-11 and should be qualified as estimated high. Associated target analytes in this sample should be qualified as estimated if not detected or estimated low if detected.
The %Rec of 13C4-PFBA was outside QC limits, low in MW-11 and MW-12 and should be qualified as estimated. Associated target analytes in these samples should be qualified as estimated high, if detected.

METHOD BLANK
All the criteria were met except PFOA and PFUnA were detected above the MDL, below the reporting limit and are qualified as estimated in MB 200-132646/1-A. These target analytes should be qualified as undetected in the associated samples in which they were detected below the reporting limit. These target analytes should be qualified as estimated high in associated samples in which they were detected above the reporting limit.

FIELD DUPLICATE SAMPLE PRECISION
All criteria were met except M2-6:2 FTS was detected in MW-13 but was not detected in DUP. PFPeA, PFOA, PFBS and PFHxS were detected in DUP but were not detected in MW-13.

LABORATORY CONTROL SAMPLES
All criteria were met.

MS/MSD
No MS/MSD was performed on these samples.

COMPOUND QUANTITATION
All the criteria were met.

INITIAL CALIBRATION
All criteria were met.
An alternative form of regression was used on PFBA, with acceptable results.

CONTINUING CALIBRATION
All criteria were met.

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Edgewood Warehouse
Eurofins SDG#480-140169-1
July 2, 2019
Sampling date: 8/7/2018

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data packages for Labella Associates DPC, project located at Edgewood Warehouse, Eurofins SDG#480-140169-1, submitted to Vali-Data of WNY, LLC on June 19, 2019. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory performed the analysis using USEPA method VOC (8260C).

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Spike Recoveries and Method Blank.

Sample, MW-4R was diluted due to foaming.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met except the Trip Blank was recorded on the Chain of Custody but was not received by the laboratory.

HOLDING TIMES
All criteria were met.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met except the %Rec of 4-Bromofluorobenzene was outside QC limits, low in MW-4R. Associated target analytes in this sample should be qualified as estimated.

METHOD BLANK
All the criteria were met except Carbon Dioxide was detected above the MDL, below the reporting limit and is qualified as estimated in MB 480-429131/8. This target analyte was not detected in the sample, so no further action is required.

FIELD DUPLICATE SAMPLE PRECISION
No field duplicate was acquired.

LABORATORY CONTROL SAMPLES
All criteria were met.

MS/MSD
No MS/MSD was acquired.

COMPOUND QUANTITATION
All the criteria were met.

INITIAL CALIBRATION
All criteria were met.

CONTINUING CALIBRATION
All criteria were met.

GC/MS PERFORMANCE CHECK
All criteria were met.

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Edgewood Warehouse
Eurofins SDG#480-142940-1
July 3, 2019
Sampling date: 10/5/2018

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for LaBella Associates DPC, project located at Edgewood Warehouse, Eurofins #480-142940-1 submitted to Vali-Data of WNY, LLC on June 19, 2019. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory performed the analysis using USEPA method Mercury (7471B).

METALS

The following items/criteria were reviewed for this analytical suite:

-Data Completeness
-Narrative and Data Reporting Forms
-Chain of Custody and Traffic Reports
-Holding Times
-Blanks
-Laboratory Control Sample
-MS/MSD
-Field Duplicate
-Serial Dilution
-Compound Quantitation
-Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use but are qualified below in Laboratory Control Samples.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

BLANKS
All criteria were met.

LABORATORY CONTROL SAMPLE
All criteria were met except the %Rec of Hg was outside ASP QC limits, low in LCSSRM 480-438239/2-A. This target analyte should be qualified as estimated in the associated samples.

MS/MSD
All criteria were met.

FIELD DUPLICATE
No field duplicate was acquired.

SERIAL DILUTION
All criteria were met.

COMPOUND QUANTITATION
All criteria were met.

CALIBRATION
All criteria were met.

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Edgewood Warehouse
Eurofins SDG#480-143040-1
July 8, 2019
Sampling date: 10/3-5/2018

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data packages for Labella Associates DPC, project located at Edgewood Warehouse, Eurofins SDG#480-143040-1, submitted to Vali-Data of WNY, LLC on June 19, 2019. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory performed the analyses using USEPA method SVOC (8270D), Inorganics (6010C) and Mercury (7471B).

Samples; TP-22 AREA: FLOOR-3, TP-22 AREA: SIDEWALL-4, TP-22 AREA: SIDEWALL-5, TP-22 AREA: SIDEWALL-6 and TP-22 AREA: SIDEWALL-7 were not recorded on the Chain of Custody but were received and analyzed by Eurofins using the information of the sample labels.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified as estimated below in Method Blank and MS/MSD.

Samples; SIDEWALL-2: TP-22 AREA, DUP-1, TP-22 AREA: SIDEWALL-4 and TP-22 AREA: SIDEWALL-7 were diluted due to color, appearance and viscosity.
Samples: DUP-1 and TP-22 AREA: SIDEWALL-7 were diluted due to physical characteristics.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All criteria were met.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All the criteria were met except 4 TIC's were detected in MB 480-438680/1-A. These TIC's should be qualified as undetected in the samples in which they are detected below the method blank concentration. These TIC's should be qualified as estimated high in the samples in which they are detected above the method blank concentration.

FIELD DUPLICATE SAMPLE PRECISION
All criteria were met except Benzo(k)fluoranthene was detected in SIDEWALL 2: TP-22 AREA but was not detected in DUP-1.

LABORATORY CONTROL SAMPLES
All criteria were met.

MS/MSD
All criteria were met except the %Rec of 4-Nitrophenol and 2,4-Dinitrotoluene was outside ASP QC limits in FLOOR-1: TP-22 AREAMS/MSD. These target analytes should be qualified as estimated high in FLOOR-1: TP-22 AREA and FLOOR-1: TP-22 AREAMS/MSD, if detected.
The %RPD of Benzaldehyde was outside QC limits between FLOOR-1: TP-22 AREAMS and FLOOR-1: TP-22 AREAMSD. This target analyte should be qualified as estimated in FLOOR-1: TP-22 AREA and FLOOR-1: TP-22 AREAMS/MSD.

COMPOUND QUANTITATION
All the criteria were met.

INITIAL CALIBRATION
All criteria were met.

Alternate forms of regression were used on target analytes in which the %RSD>20.0% with acceptable results.

CONTINUING CALIBRATION
All criteria were met.

GC/MS PERFORMANCE CHECK
All criteria were met.

METALS

The following items/criteria were reviewed for this analytical suite:

- -Data Completeness
- -Narrative and Data Reporting Forms
- -Chain of Custody and Traffic Reports
- -Holding Times
- -Blanks
- -Laboratory Control Sample
- -MS/MSD
- -Field Duplicate
- -Serial Dilution
- -Compound Quantitation
- -Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use but are qualified below in Serial Dilution and Calibration.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

BLANKS
All criteria were met.

LABORATORY CONTROL SAMPLE
All criteria were met.

MS/MSD
All criteria were met.

FIELD DUPLICATE
All criteria were met.

SERIAL DILUTION
All criteria were met except the %D of As was outside QC limits in FLOOR 1: TP-4 AREASD and should be qualified as estimated in FLOOR 1: TP-4 AREA and in FLOOR 1: TP-4 AREASD.

COMPOUND QUANTITATION
All criteria were met.

CALIBRATION
All criteria were met except the %Rec of As was outside ASP QC limits, high in ICVL 480-439070/7, ICVL 480-439073/7 and CCVL 480-439073/49. This target analyte should be qualified as estimated high in the associated blanks, spikes and samples in which it was detected.
The %Rec of As was outside QC limits, low in CCVL 480-439073/37. This target analyte should be qualified as estimated in the associated samples, blanks and spikes.

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Edgewood Warehouse
Eurofins SDG#480-147006-1
July 8, 2019
Sampling date: 12/17/2018

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data packages for Labella Associates DPC, project located at Edgewood Warehouse, Eurofins SDG#480-147006-1, submitted to Vali-Data of WNY, LLC on June 19, 2019. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory performed the analysis using USEPA method VOC (8260C).

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All criteria were met.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
No field duplicate was acquired.

LABORATORY CONTROL SAMPLES
All criteria were met.

MS/MSD
No MS/MSD was acquired.

COMPOUND QUANTITATION
All the criteria were met.

INITIAL CALIBRATION
All criteria were met.
Alternate forms of regression were used on target analytes in which the %RSD>20.0% with acceptable results.

CONTINUING CALIBRATION
All criteria were met.

GC/MS PERFORMANCE CHECK
All criteria were met.

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Edgewood Warehouse
Eurofins SDG#480-157571-1
September 9, 2019
Sampling date: 8/12/2019

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for LaBella Associates DPC, project located at Edgewood Warehouse, Eurofins #480-157571-1 submitted to Vali-Data of WNY, LLC on August 21, 2019. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory performed the analysis using USEPA method Volatile Organics (8260C).

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

-Data Completeness
-Narrative and Data Reporting Forms
-Chain of Custody and Traffic Reports
-Holding Times
-Internal Standard (IS) Area Performance
-Surrogate Spike Recoveries
-Method Blank
-Field Duplicate Sample Precision
-Laboratory Control Samples
-MS/MSD
-Compound Quantitation
-Initial Calibration
-Continuing Calibration
-GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use.

Samples; MW-16, MW-4R and MW-4RMS/MSD were diluted due to foaming.
Sample, MW-15, was diluted due to high target analyte concentration.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met except sample MW-4R was mislabeled in the report as MW-4RR. This does

not affect the usability of the data.
Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
All criteria were met except 1,1-Dichloroethene was detected in DUP but was not detected in MW-11.

LABORATORY CONTROL SAMPLES
All criteria were met.

MS/MSD
All criteria were met.

COMPOUND QUANTITATION
All criteria were met.

INITIAL CALIBRATION
All criteria were met.
Alternate forms of regression were performed on target analytes in which the %RSD> 20.0%, with acceptable results.

CONTINUING CALIBRATION
All criteria were met.

GC/MS PERFORMANCE CHECK
All criteria were met.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-139705-1
Client Project/Site: Edgewood Warehouse, Dunkirk,NY

For:
LaBella Associates DPC
300 Pearl Street
Suite 130
Buffalo, New York 14202

Attn: Mr. Andrew Benkleman

Melissa Deyo

Authorized for release by:
8/21/2018 3:45:56 PM

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Table of Contents

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
H	Sample was prepped or analyzed beyond the specified holding time

LCMS

Qualifier	Qualifier Description
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.
*	Isotope Dilution analyte 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	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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: 480-139705-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-139705-1

Receipt
The samples were received on 7/31/2018 2:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 18.6º C.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-427676 recovered above the upper control limit for 2-Hexanone. The samples associated with this CCV were non-detect for the affected analyte; therefore, the data have been reported. The following samples are impacted: MW-13 (480-139705-1), DUP (480-139705-2), MW-12 (480-139705-3) and MW-11 (480-139705-4).

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

GC/MS Semi VOA
Method(s) 8270D SIM ID: The method blank (MB) associated with preparation batch 480-427318 and analytical batch 480-428262 recovered above the reporting limit (RL) for 1,4-Dioxane. The following sample contained a detection for this analyte above the reporting limit (RL), but less than 10X the concentration found in the MB: MW-11 (480-139705-4). Re-extraction and re-analysis was performed outside of preparation holding times. Both sets of data have been reported.

Method(s) 8270D SIM ID: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) associated with preparation batch 480-427318 and analytical batch 480-428262 recovered above acceptable limits for 1,4-Dioxane. The following sample was re-extracted and re-analyzed outside of preparation holding times: MW-11 (480-139705-4). Both sets of data have been reported.

Method(s) 8270D SIM ID: The method blank (MB) associated with preparation batch 480-427318 and analytical batch 480-428812 recovered above the reporting limit (RL) for 1,4-Dioxane. The following sample contained a detection for this analyte above the reporting limit (RL): MW-13 (480-139705-1), DUP (480-139705-2) and MW-12 (480-139705-3). Re-extraction and re-analysis was performed outside of preparation holding times. Both sets of data have been reported.

Method(s) 8270D SIM ID: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) associated with preparation batch 480-427318 and analytical batch 480-428262 recovered above acceptable limits. The following samples were re-extracted and re-analyzed outside of preparation holding times: MW-13 (480-139705-1), DUP (480-139705-2) and MW-12 (480-139705-3). Both sets of data have been reported.

Method(s) 8270D SIM ID: The 1,4-Dioxane result reported for samples MW-13 (480-139705-1), DUP (480-139705-2) and MW-12 (480-139705-3) have an E flag qualifier indicating the results are over the calibration range on the raw data. The actual amounts are within the calibration range; however, the E flag is generated based upon the bias corrected concentration. The LIMS system calculates a bias correction based on the recovery of the 1,4-Dioxane-d8 isotope.

Method(s) 8270D SIM ID: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-13 (480-139705-1), DUP (480-139705-2) and MW-12 (480-139705-3). Elevated reporting limits (RLs) are provided.

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

LCMS
Method(s) 537 (modified): The method blank for preparation batch 200-132646 and analytical batch 200-132796 contained 13C4 PFOA and 13C2 PFUnA above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 537 (modified): The Isotope Dilution Analyte (IDA) recovery of 13C4 PFBA associated with the following samples is below the method recommended limit: MW-12 (480-139705-3) and MW-11 (480-139705-4). Generally, data quality is not considered affected if the IDA signal-to-noise ratio is greater than 10:1, which is achieved for all IDA in the sample(s).

Method(s) 537 (modified): Isotope Dilution Analyte (IDA) recovery of M2-6:2FTS and M2-8:2FTS is above the method recommended limit for the following sample: MW-11 (480-139705-4). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to

Job ID: 480-139705-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

elevated IDA recoveries.

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

Organic Prep
Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-428542.

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

Detection Summary

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-139705-1

Client Sample ID: MW-13 — Lab Sample ID: 480-139705-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	13		10	3.0	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	0.90	J	1.0	0.81	ug/L	1		8260C	Total/NA
Vinyl chloride	6.5		1.0	0.90	ug/L	1		8260C	Total/NA
1,4-Dioxane	7.7	E B *	0.40	0.20	ug/L	2		8270D SIM ID	Total/NA
1,4-Dioxane - RE	7.5	E H	0.40	0.20	ug/L	2		8270D SIM ID	Total/NA
Perfluorobutanoic acid (PFBA)	3.2		1.7	0.35	ng/L	1		537 (modified)	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.22	J B	1.7	0.21	ng/L	1		537 (modified)	Total/NA
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	1.1	J	17	0.85	ng/L	1		537 (modified)	Total/NA

Client Sample ID: DUP — Lab Sample ID: 480-139705-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	18		10	3.0	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	0.89	J	1.0	0.81	ug/L	1		8260C	Total/NA
Vinyl chloride	6.5		1.0	0.90	ug/L	1		8260C	Total/NA
1,4-Dioxane	7.5	E B *	0.40	0.20	ug/L	2		8270D SIM ID	Total/NA
1,4-Dioxane - RE	7.5	E H	0.40	0.20	ug/L	2		8270D SIM ID	Total/NA
Perfluorobutanoic acid (PFBA)	3.7		1.6	0.33	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	0.99	J	1.6	0.61	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.27	J B	1.6	0.26	ng/L	1		537 (modified)	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.21	J B	1.6	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.91	J	1.6	0.36	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.30	J	1.6	0.21	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MW-12 — Lab Sample ID: 480-139705-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	7.3		1.0	0.38	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	0.31	J	1.0	0.29	ug/L	1		8260C	Total/NA
Acetone	9.4	J	10	3.0	ug/L	1		8260C	Total/NA
Chloroethane	0.95	J	1.0	0.32	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	15		1.0	0.81	ug/L	1		8260C	Total/NA
Vinyl chloride	27		1.0	0.90	ug/L	1		8260C	Total/NA
1,4-Dioxane	15	E B *	1.0	0.50	ug/L	5		8270D SIM ID	Total/NA
1,4-Dioxane - RE	15	E H	0.95	0.48	ug/L	5		8270D SIM ID	Total/NA
Perfluorobutanoic acid (PFBA)	26		1.6	0.33	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	2.2		1.6	0.60	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	0.50	J	1.6	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.68	J B	1.6	0.26	ng/L	1		537 (modified)	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.20	J B	1.6	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.36	J	1.6	0.21	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MW-11 — Lab Sample ID: 480-139705-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	5.6		1.0	0.82	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	44		1.0	0.38	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	1.3		1.0	0.29	ug/L	1		8260C	Total/NA
1,2-Dichloroethane	0.32	J	1.0	0.21	ug/L	1		8260C	Total/NA
Acetone	8.9	J	10	3.0	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample ID: MW-11 (Continued) — Lab Sample ID: 480-139705-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroethane	2.3		1.0	0.32	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	6.1		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	1.3		1.0	0.46	ug/L	1		8260C	Total/NA
Vinyl chloride	13		1.0	0.90	ug/L	1		8260C	Total/NA
1,4-Dioxane	1.3	* E B	0.20	0.10	ug/L	1		8270D SIM ID	Total/NA
1,4-Dioxane - RE	0.97	H	0.20	0.10	ug/L	1		8270D SIM ID	Total/NA
Perfluorobutanoic acid (PFBA)	26		1.7	0.34	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	0.88	J	1.7	0.62	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	2.3		1.7	0.20	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	2.2		1.7	0.27	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	3.9	B	1.7	0.27	ng/L	1		537 (modified)	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.21	J B	1.7	0.21	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.4	J	1.7	0.36	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.6	J	1.7	0.22	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	3.9		1.7	0.63	ng/L	1		537 (modified)	Total/NA

Client Sample ID: EQUIPMENT BLANK — Lab Sample ID: 480-139705-5

No Detections.

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-139705-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	5.1		1.0	0.34	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-139705-1

Client Sample ID: MW-13
Date Collected: 07/26/18 11:30
Date Received: 07/31/18 02:00

Lab Sample ID: 480-139705-1
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	ND		1.0	0.82	ug/L			08/02/18 15:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/02/18 15:18	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/02/18 15:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/02/18 15:18	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/02/18 15:18	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/02/18 15:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/02/18 15:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/02/18 15:18	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/02/18 15:18	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/02/18 15:18	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/02/18 15:18	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/02/18 15:18	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/02/18 15:18	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/02/18 15:18	1
2-Hexanone	ND		5.0	1.2	ug/L			08/02/18 15:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/02/18 15:18	1
Acetone	**13**		10	3.0	ug/L			08/02/18 15:18	1
Benzene	ND		1.0	0.41	ug/L			08/02/18 15:18	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/02/18 15:18	1
Bromoform	ND		1.0	0.26	ug/L			08/02/18 15:18	1
Bromomethane	ND		1.0	0.69	ug/L			08/02/18 15:18	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/02/18 15:18	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/02/18 15:18	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/02/18 15:18	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/02/18 15:18	1
Chloroethane	ND		1.0	0.32	ug/L			08/02/18 15:18	1
Chloroform	ND		1.0	0.34	ug/L			08/02/18 15:18	1
Chloromethane	ND		1.0	0.35	ug/L			08/02/18 15:18	1
cis-1,2-Dichloroethene	**0.90**	**J**	1.0	0.81	ug/L			08/02/18 15:18	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/02/18 15:18	1
Cyclohexane	ND		1.0	0.18	ug/L			08/02/18 15:18	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/02/18 15:18	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/02/18 15:18	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/02/18 15:18	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/02/18 15:18	1
Methyl acetate	ND		2.5	1.3	ug/L			08/02/18 15:18	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/02/18 15:18	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/02/18 15:18	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/02/18 15:18	1
Styrene	ND		1.0	0.73	ug/L			08/02/18 15:18	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/02/18 15:18	1
Toluene	ND		1.0	0.51	ug/L			08/02/18 15:18	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/02/18 15:18	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/02/18 15:18	1
Trichloroethene	ND		1.0	0.46	ug/L			08/02/18 15:18	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/02/18 15:18	1
Vinyl chloride	**6.5**		1.0	0.90	ug/L			08/02/18 15:18	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/02/18 15:18	1

Client Sample ID: MW-13
Date Collected: 07/26/18 11:30
Date Received: 07/31/18 02:00

Lab Sample ID: 480-139705-1
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/02/18 15:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*08/02/18 15:18*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*08/02/18 15:18*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*08/02/18 15:18*	*1*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**7.7**	**E B ***	0.40	0.20	ug/L		07/31/18 14:31	08/09/18 15:58	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*27*		*15 - 110*	*07/31/18 14:31*	*08/09/18 15:58*	*2*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**7.5**	**E H**	0.40	0.20	ug/L		08/08/18 07:51	08/09/18 13:59	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*28*		*15 - 110*	*08/08/18 07:51*	*08/09/18 13:59*	*2*

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**3.2**		1.7	0.35	ng/L		08/08/18 09:20	08/11/18 23:21	1
Perfluoropentanoic acid (PFPeA)	ND		1.7	0.64	ng/L		08/08/18 09:20	08/11/18 23:21	1
Perfluorohexanoic acid (PFHxA)	ND		1.7	0.20	ng/L		08/08/18 09:20	08/11/18 23:21	1
Perfluoroheptanoic acid (PFHpA)	ND		1.7	0.27	ng/L		08/08/18 09:20	08/11/18 23:21	1
Perfluorooctanoic acid (PFOA)	ND		1.7	0.27	ng/L		08/08/18 09:20	08/11/18 23:21	1
Perfluorononanoic acid (PFNA)	ND		1.7	0.32	ng/L		08/08/18 09:20	08/11/18 23:21	1
Perfluorodecanoic acid (PFDA)	ND		1.7	0.32	ng/L		08/08/18 09:20	08/11/18 23:21	1
Perfluoroundecanoic acid (PFUnA)	**0.22**	**J B**	1.7	0.21	ng/L		08/08/18 09:20	08/11/18 23:21	1
Perfluorododecanoic acid (PFDoA)	ND		1.7	0.30	ng/L		08/08/18 09:20	08/11/18 23:21	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.7	0.20	ng/L		08/08/18 09:20	08/11/18 23:21	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.7	0.38	ng/L		08/08/18 09:20	08/11/18 23:21	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.7	0.37	ng/L		08/08/18 09:20	08/11/18 23:21	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.7	0.22	ng/L		08/08/18 09:20	08/11/18 23:21	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.7	0.70	ng/L		08/08/18 09:20	08/11/18 23:21	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.7	0.65	ng/L		08/08/18 09:20	08/11/18 23:21	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.7	0.45	ng/L		08/08/18 09:20	08/11/18 23:21	1
Perfluorooctane Sulfonamide (PFOSA)	ND		1.7	0.48	ng/L		08/08/18 09:20	08/11/18 23:21	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		17	0.38	ng/L		08/08/18 09:20	08/11/18 23:21	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		17	0.59	ng/L		08/08/18 09:20	08/11/18 23:21	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	**1.1**	**J**	17	0.85	ng/L		08/08/18 09:20	08/11/18 23:21	1
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		17	0.48	ng/L		08/08/18 09:20	08/11/18 23:21	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
18O2 PFHxS	*94*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:21*	*1*
13C4-PFHpA	*79*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:21*	*1*
13C4 PFOA	*84*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:21*	*1*
13C4 PFOS	*87*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:21*	*1*

Client Sample ID: MW-13
Date Collected: 07/26/18 11:30
Date Received: 07/31/18 02:00

Lab Sample ID: 480-139705-1
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C5 PFNA	*82*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:21*	*1*
13C4 PFBA	*47*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:21*	*1*
13C2 PFHxA	*73*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:21*	*1*
13C2 PFDA	*83*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:21*	*1*
13C2 PFUnA	*70*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:21*	*1*
13C2 PFDoA	*61*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:21*	*1*
13C8 FOSA	*73*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:21*	*1*
13C5-PFPeA	*55*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:21*	*1*
13C2-PFTeDA	*64*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:21*	*1*
d3-NMeFOSAA	*63*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:21*	*1*
d5-NEtFOSAA	*63*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:21*	*1*
M2-6:2FTS	*90*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:21*	*1*
M2-8:2FTS	*88*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:21*	*1*
13C3-PFBS	*76*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:21*	*1*

Client Sample ID: DUP
Date Collected: 07/26/18 12:00
Date Received: 07/31/18 02:00

Lab Sample ID: 480-139705-2
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	ND		1.0	0.82	ug/L			08/02/18 15:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/02/18 15:41	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/02/18 15:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/02/18 15:41	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/02/18 15:41	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/02/18 15:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/02/18 15:41	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/02/18 15:41	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/02/18 15:41	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/02/18 15:41	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/02/18 15:41	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/02/18 15:41	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/02/18 15:41	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/02/18 15:41	1
2-Hexanone	ND		5.0	1.2	ug/L			08/02/18 15:41	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/02/18 15:41	1
Acetone	**18**		10	3.0	ug/L			08/02/18 15:41	1
Benzene	ND		1.0	0.41	ug/L			08/02/18 15:41	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/02/18 15:41	1
Bromoform	ND		1.0	0.26	ug/L			08/02/18 15:41	1
Bromomethane	ND		1.0	0.69	ug/L			08/02/18 15:41	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/02/18 15:41	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/02/18 15:41	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/02/18 15:41	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/02/18 15:41	1
Chloroethane	ND		1.0	0.32	ug/L			08/02/18 15:41	1
Chloroform	ND		1.0	0.34	ug/L			08/02/18 15:41	1
Chloromethane	ND		1.0	0.35	ug/L			08/02/18 15:41	1
cis-1,2-Dichloroethene	**0.89**	**J**	1.0	0.81	ug/L			08/02/18 15:41	1

Client Sample ID: DUP
Date Collected: 07/26/18 12:00
Date Received: 07/31/18 02:00

Lab Sample ID: 480-139705-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/02/18 15:41	1
Cyclohexane	ND		1.0	0.18	ug/L			08/02/18 15:41	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/02/18 15:41	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/02/18 15:41	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/02/18 15:41	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/02/18 15:41	1
Methyl acetate	ND		2.5	1.3	ug/L			08/02/18 15:41	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/02/18 15:41	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/02/18 15:41	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/02/18 15:41	1
Styrene	ND		1.0	0.73	ug/L			08/02/18 15:41	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/02/18 15:41	1
Toluene	ND		1.0	0.51	ug/L			08/02/18 15:41	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/02/18 15:41	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/02/18 15:41	1
Trichloroethene	ND		1.0	0.46	ug/L			08/02/18 15:41	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/02/18 15:41	1
Vinyl chloride	**6.5**		1.0	0.90	ug/L			08/02/18 15:41	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/02/18 15:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/02/18 15:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*08/02/18 15:41*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*08/02/18 15:41*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*08/02/18 15:41*	*1*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**7.5**	**E B ***	0.40	0.20	ug/L		07/31/18 14:31	08/09/18 16:22	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*32*		*15 - 110*	*07/31/18 14:31*	*08/09/18 16:22*	*2*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**7.5**	**E H**	0.40	0.20	ug/L		08/08/18 07:51	08/09/18 14:23	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*26*		*15 - 110*	*08/08/18 07:51*	*08/09/18 14:23*	*2*

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**3.7**		1.6	0.33	ng/L		08/08/18 09:20	08/11/18 23:37	1
Perfluoropentanoic acid (PFPeA)	**0.99**	**J**	1.6	0.61	ng/L		08/08/18 09:20	08/11/18 23:37	1
Perfluorohexanoic acid (PFHxA)	ND		1.6	0.19	ng/L		08/08/18 09:20	08/11/18 23:37	1
Perfluoroheptanoic acid (PFHpA)	ND		1.6	0.26	ng/L		08/08/18 09:20	08/11/18 23:37	1
Perfluorooctanoic acid (PFOA)	**0.27**	**J B**	1.6	0.26	ng/L		08/08/18 09:20	08/11/18 23:37	1
Perfluorononanoic acid (PFNA)	ND		1.6	0.31	ng/L		08/08/18 09:20	08/11/18 23:37	1
Perfluorodecanoic acid (PFDA)	ND		1.6	0.31	ng/L		08/08/18 09:20	08/11/18 23:37	1
Perfluoroundecanoic acid (PFUnA)	**0.21**	**J B**	1.6	0.20	ng/L		08/08/18 09:20	08/11/18 23:37	1
Perfluorododecanoic acid (PFDoA)	ND		1.6	0.28	ng/L		08/08/18 09:20	08/11/18 23:37	1

Client Sample ID: DUP
Date Collected: 07/26/18 12:00
Date Received: 07/31/18 02:00

Lab Sample ID: 480-139705-2
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotridecanoic Acid (PFTriA)	ND		1.6	0.19	ng/L		08/08/18 09:20	08/11/18 23:37	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.6	0.36	ng/L		08/08/18 09:20	08/11/18 23:37	1
Perfluorobutanesulfonic acid (PFBS)	**0.91**	**J**	1.6	0.36	ng/L		08/08/18 09:20	08/11/18 23:37	1
Perfluorohexanesulfonic acid (PFHxS)	**0.30**	**J**	1.6	0.21	ng/L		08/08/18 09:20	08/11/18 23:37	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.6	0.66	ng/L		08/08/18 09:20	08/11/18 23:37	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.6	0.61	ng/L		08/08/18 09:20	08/11/18 23:37	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.6	0.43	ng/L		08/08/18 09:20	08/11/18 23:37	1
Perfluorooctane Sulfonamide (PFOSA)	ND		1.6	0.45	ng/L		08/08/18 09:20	08/11/18 23:37	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		16	0.36	ng/L		08/08/18 09:20	08/11/18 23:37	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		16	0.57	ng/L		08/08/18 09:20	08/11/18 23:37	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		16	0.81	ng/L		08/08/18 09:20	08/11/18 23:37	1
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		16	0.45	ng/L		08/08/18 09:20	08/11/18 23:37	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
18O2 PFHxS	*88*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:37*	*1*
13C4-PFHpA	*76*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:37*	*1*
13C4 PFOA	*80*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:37*	*1*
13C4 PFOS	*85*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:37*	*1*
13C5 PFNA	*82*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:37*	*1*
13C4 PFBA	*43*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:37*	*1*
13C2 PFHxA	*74*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:37*	*1*
13C2 PFDA	*74*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:37*	*1*
13C2 PFUnA	*73*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:37*	*1*
13C2 PFDoA	*58*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:37*	*1*
13C8 FOSA	*71*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:37*	*1*
13C5-PFPeA	*56*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:37*	*1*
13C2-PFTeDA	*65*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:37*	*1*
d3-NMeFOSAA	*64*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:37*	*1*
d5-NEtFOSAA	*69*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:37*	*1*
M2-6:2FTS	*122*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:37*	*1*
M2-8:2FTS	*93*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:37*	*1*
13C3-PFBS	*71*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:37*	*1*

Client Sample ID: MW-12
Date Collected: 07/26/18 14:10
Date Received: 07/31/18 02:00

Lab Sample ID: 480-139705-3
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	ND		1.0	0.82	ug/L			08/02/18 16:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/02/18 16:05	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/02/18 16:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/02/18 16:05	1
1,1-Dichloroethane	**7.3**		1.0	0.38	ug/L			08/02/18 16:05	1

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-139705-1

Client Sample ID: MW-12
Date Collected: 07/26/18 14:10
Date Received: 07/31/18 02:00

Lab Sample ID: 480-139705-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.31**	**J**	1.0	0.29	ug/L			08/02/18 16:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/02/18 16:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/02/18 16:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/02/18 16:05	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/02/18 16:05	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/02/18 16:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/02/18 16:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/02/18 16:05	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/02/18 16:05	1
2-Hexanone	ND		5.0	1.2	ug/L			08/02/18 16:05	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/02/18 16:05	1
Acetone	**9.4**	**J**	10	3.0	ug/L			08/02/18 16:05	1
Benzene	ND		1.0	0.41	ug/L			08/02/18 16:05	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/02/18 16:05	1
Bromoform	ND		1.0	0.26	ug/L			08/02/18 16:05	1
Bromomethane	ND		1.0	0.69	ug/L			08/02/18 16:05	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/02/18 16:05	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/02/18 16:05	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/02/18 16:05	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/02/18 16:05	1
Chloroethane	**0.95**	**J**	1.0	0.32	ug/L			08/02/18 16:05	1
Chloroform	ND		1.0	0.34	ug/L			08/02/18 16:05	1
Chloromethane	ND		1.0	0.35	ug/L			08/02/18 16:05	1
cis-1,2-Dichloroethene	**15**		1.0	0.81	ug/L			08/02/18 16:05	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/02/18 16:05	1
Cyclohexane	ND		1.0	0.18	ug/L			08/02/18 16:05	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/02/18 16:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/02/18 16:05	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/02/18 16:05	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/02/18 16:05	1
Methyl acetate	ND		2.5	1.3	ug/L			08/02/18 16:05	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/02/18 16:05	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/02/18 16:05	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/02/18 16:05	1
Styrene	ND		1.0	0.73	ug/L			08/02/18 16:05	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/02/18 16:05	1
Toluene	ND		1.0	0.51	ug/L			08/02/18 16:05	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/02/18 16:05	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/02/18 16:05	1
Trichloroethene	ND		1.0	0.46	ug/L			08/02/18 16:05	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/02/18 16:05	1
Vinyl chloride	**27**		1.0	0.90	ug/L			08/02/18 16:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/02/18 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/02/18 16:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*08/02/18 16:05*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*08/02/18 16:05*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*08/02/18 16:05*	*1*

Client Sample ID: MW-12
Date Collected: 07/26/18 14:10
Date Received: 07/31/18 02:00

Lab Sample ID: 480-139705-3
Matrix: Water

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**15**	**E B ***	1.0	0.50	ug/L		07/31/18 14:31	08/09/18 16:46	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*29*		*15 - 110*	*07/31/18 14:31*	*08/09/18 16:46*	*5*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**15**	**E H**	0.95	0.48	ug/L		08/08/18 07:51	08/09/18 14:46	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*24*		*15 - 110*	*08/08/18 07:51*	*08/09/18 14:46*	*5*

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**26**		1.6	0.33	ng/L		08/08/18 09:20	08/11/18 23:53	1
Perfluoropentanoic acid (PFPeA)	**2.2**		1.6	0.60	ng/L		08/08/18 09:20	08/11/18 23:53	1
Perfluorohexanoic acid (PFHxA)	**0.50**	**J**	1.6	0.19	ng/L		08/08/18 09:20	08/11/18 23:53	1
Perfluoroheptanoic acid (PFHpA)	ND		1.6	0.26	ng/L		08/08/18 09:20	08/11/18 23:53	1
Perfluorooctanoic acid (PFOA)	**0.68**	**J B**	1.6	0.26	ng/L		08/08/18 09:20	08/11/18 23:53	1
Perfluorononanoic acid (PFNA)	ND		1.6	0.30	ng/L		08/08/18 09:20	08/11/18 23:53	1
Perfluorodecanoic acid (PFDA)	ND		1.6	0.30	ng/L		08/08/18 09:20	08/11/18 23:53	1
Perfluoroundecanoic acid (PFUnA)	**0.20**	**J B**	1.6	0.20	ng/L		08/08/18 09:20	08/11/18 23:53	1
Perfluorododecanoic acid (PFDoA)	ND		1.6	0.28	ng/L		08/08/18 09:20	08/11/18 23:53	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.6	0.19	ng/L		08/08/18 09:20	08/11/18 23:53	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.6	0.36	ng/L		08/08/18 09:20	08/11/18 23:53	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.6	0.35	ng/L		08/08/18 09:20	08/11/18 23:53	1
Perfluorohexanesulfonic acid (PFHxS)	**0.36**	**J**	1.6	0.21	ng/L		08/08/18 09:20	08/11/18 23:53	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.6	0.66	ng/L		08/08/18 09:20	08/11/18 23:53	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.6	0.61	ng/L		08/08/18 09:20	08/11/18 23:53	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.6	0.42	ng/L		08/08/18 09:20	08/11/18 23:53	1
Perfluorooctane Sulfonamide (PFOSA)	ND		1.6	0.45	ng/L		08/08/18 09:20	08/11/18 23:53	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		16	0.36	ng/L		08/08/18 09:20	08/11/18 23:53	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		16	0.56	ng/L		08/08/18 09:20	08/11/18 23:53	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		16	0.80	ng/L		08/08/18 09:20	08/11/18 23:53	1
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		16	0.45	ng/L		08/08/18 09:20	08/11/18 23:53	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
18O2 PFHxS	*83*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:53*	*1*
13C4-PFHpA	*66*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:53*	*1*
13C4 PFOA	*83*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:53*	*1*
13C4 PFOS	*99*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:53*	*1*
13C5 PFNA	*91*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:53*	*1*
13C4 PFBA	*17*	*	*25 - 150*	*08/08/18 09:20*	*08/11/18 23:53*	*1*
13C2 PFHxA	*49*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:53*	*1*
13C2 PFDA	*89*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:53*	*1*
13C2 PFUnA	*83*		*25 - 150*	*08/08/18 09:20*	*08/11/18 23:53*	*1*

Client Sample ID: MW-12
Date Collected: 07/26/18 14:10
Date Received: 07/31/18 02:00

Lab Sample ID: 480-139705-3
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFDoA	63		25 - 150	08/08/18 09:20	08/11/18 23:53	1
13C8 FOSA	86		25 - 150	08/08/18 09:20	08/11/18 23:53	1
13C5-PFPeA	41		25 - 150	08/08/18 09:20	08/11/18 23:53	1
13C2-PFTeDA	67		25 - 150	08/08/18 09:20	08/11/18 23:53	1
d3-NMeFOSAA	72		25 - 150	08/08/18 09:20	08/11/18 23:53	1
d5-NEtFOSAA	78		25 - 150	08/08/18 09:20	08/11/18 23:53	1
M2-6:2FTS	132		25 - 150	08/08/18 09:20	08/11/18 23:53	1
M2-8:2FTS	104		25 - 150	08/08/18 09:20	08/11/18 23:53	1
13C3-PFBS	54		25 - 150	08/08/18 09:20	08/11/18 23:53	1

Client Sample ID: MW-11
Date Collected: 07/27/18 10:00
Date Received: 07/31/18 02:00

Lab Sample ID: 480-139705-4
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	**5.6**		1.0	0.82	ug/L			08/02/18 16:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/02/18 16:29	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/02/18 16:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/02/18 16:29	1
1,1-Dichloroethane	**44**		1.0	0.38	ug/L			08/02/18 16:29	1
1,1-Dichloroethene	**1.3**		1.0	0.29	ug/L			08/02/18 16:29	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/02/18 16:29	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/02/18 16:29	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/02/18 16:29	1
1,2-Dichloroethane	**0.32**	**J**	1.0	0.21	ug/L			08/02/18 16:29	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/02/18 16:29	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/02/18 16:29	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/02/18 16:29	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/02/18 16:29	1
2-Hexanone	ND		5.0	1.2	ug/L			08/02/18 16:29	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/02/18 16:29	1
Acetone	**8.9**	**J**	10	3.0	ug/L			08/02/18 16:29	1
Benzene	ND		1.0	0.41	ug/L			08/02/18 16:29	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/02/18 16:29	1
Bromoform	ND		1.0	0.26	ug/L			08/02/18 16:29	1
Bromomethane	ND		1.0	0.69	ug/L			08/02/18 16:29	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/02/18 16:29	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/02/18 16:29	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/02/18 16:29	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/02/18 16:29	1
Chloroethane	**2.3**		1.0	0.32	ug/L			08/02/18 16:29	1
Chloroform	ND		1.0	0.34	ug/L			08/02/18 16:29	1
Chloromethane	ND		1.0	0.35	ug/L			08/02/18 16:29	1
cis-1,2-Dichloroethene	**6.1**		1.0	0.81	ug/L			08/02/18 16:29	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/02/18 16:29	1
Cyclohexane	ND		1.0	0.18	ug/L			08/02/18 16:29	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/02/18 16:29	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/02/18 16:29	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/02/18 16:29	1

Client Sample ID: MW-11
Date Collected: 07/27/18 10:00
Date Received: 07/31/18 02:00

Lab Sample ID: 480-139705-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0	0.79	ug/L			08/02/18 16:29	1
Methyl acetate	ND		2.5	1.3	ug/L			08/02/18 16:29	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/02/18 16:29	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/02/18 16:29	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/02/18 16:29	1
Styrene	ND		1.0	0.73	ug/L			08/02/18 16:29	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/02/18 16:29	1
Toluene	ND		1.0	0.51	ug/L			08/02/18 16:29	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/02/18 16:29	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/02/18 16:29	1
Trichloroethene	**1.3**		1.0	0.46	ug/L			08/02/18 16:29	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/02/18 16:29	1
Vinyl chloride	**13**		1.0	0.90	ug/L			08/02/18 16:29	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/02/18 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*08/02/18 16:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*08/02/18 16:29*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*08/02/18 16:29*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*08/02/18 16:29*	*1*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.3**	*** E B**	0.20	0.10	ug/L		07/31/18 14:31	08/07/18 03:19	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*27*		*15 - 110*	*07/31/18 14:31*	*08/07/18 03:19*	*1*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.97**	**H**	0.20	0.10	ug/L		08/08/18 07:51	08/09/18 15:10	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*28*		*15 - 110*	*08/08/18 07:51*	*08/09/18 15:10*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**26**		1.7	0.34	ng/L		08/08/18 09:20	08/12/18 00:09	1
Perfluoropentanoic acid (PFPeA)	**0.88**	**J**	1.7	0.62	ng/L		08/08/18 09:20	08/12/18 00:09	1
Perfluorohexanoic acid (PFHxA)	**2.3**		1.7	0.20	ng/L		08/08/18 09:20	08/12/18 00:09	1
Perfluoroheptanoic acid (PFHpA)	**2.2**		1.7	0.27	ng/L		08/08/18 09:20	08/12/18 00:09	1
Perfluorooctanoic acid (PFOA)	**3.9**	**B**	1.7	0.27	ng/L		08/08/18 09:20	08/12/18 00:09	1
Perfluorononanoic acid (PFNA)	ND		1.7	0.31	ng/L		08/08/18 09:20	08/12/18 00:09	1
Perfluorodecanoic acid (PFDA)	ND		1.7	0.31	ng/L		08/08/18 09:20	08/12/18 00:09	1
Perfluoroundecanoic acid (PFUnA)	**0.21**	**J B**	1.7	0.21	ng/L		08/08/18 09:20	08/12/18 00:09	1
Perfluorododecanoic acid (PFDoA)	ND		1.7	0.29	ng/L		08/08/18 09:20	08/12/18 00:09	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.7	0.20	ng/L		08/08/18 09:20	08/12/18 00:09	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.7	0.37	ng/L		08/08/18 09:20	08/12/18 00:09	1
Perfluorobutanesulfonic acid (PFBS)	**1.4**	**J**	1.7	0.36	ng/L		08/08/18 09:20	08/12/18 00:09	1
Perfluorohexanesulfonic acid (PFHxS)	**1.6**	**J**	1.7	0.22	ng/L		08/08/18 09:20	08/12/18 00:09	1

Client Sample ID: MW-11
Date Collected: 07/27/18 10:00
Date Received: 07/31/18 02:00

Lab Sample ID: 480-139705-4
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.7	0.68	ng/L		08/08/18 09:20	08/12/18 00:09	1
Perfluorooctanesulfonic acid (PFOS)	**3.9**		1.7	0.63	ng/L		08/08/18 09:20	08/12/18 00:09	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.7	0.44	ng/L		08/08/18 09:20	08/12/18 00:09	1
Perfluorooctane Sulfonamide (PFOSA)	ND		1.7	0.46	ng/L		08/08/18 09:20	08/12/18 00:09	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		17	0.37	ng/L		08/08/18 09:20	08/12/18 00:09	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		17	0.58	ng/L		08/08/18 09:20	08/12/18 00:09	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		17	0.83	ng/L		08/08/18 09:20	08/12/18 00:09	1
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		17	0.46	ng/L		08/08/18 09:20	08/12/18 00:09	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
18O2 PFHxS	*88*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:09*	*1*
13C4-PFHpA	*64*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:09*	*1*
13C4 PFOA	*82*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:09*	*1*
13C4 PFOS	*98*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:09*	*1*
13C5 PFNA	*94*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:09*	*1*
13C4 PFBA	*21*	*	*25 - 150*	*08/08/18 09:20*	*08/12/18 00:09*	*1*
13C2 PFHxA	*51*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:09*	*1*
13C2 PFDA	*91*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:09*	*1*
13C2 PFUnA	*92*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:09*	*1*
13C2 PFDoA	*70*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:09*	*1*
13C8 FOSA	*75*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:09*	*1*
13C5-PFPeA	*40*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:09*	*1*
13C2-PFTeDA	*76*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:09*	*1*
d3-NMeFOSAA	*80*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:09*	*1*
d5-NEtFOSAA	*87*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:09*	*1*
M2-6:2FTS	*178*	*	*25 - 150*	*08/08/18 09:20*	*08/12/18 00:09*	*1*
M2-8:2FTS	*146*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:09*	*1*
13C3-PFBS	*58*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:09*	*1*

Client Sample ID: EQUIPMENT BLANK
Date Collected: 07/27/18 09:00
Date Received: 07/31/18 02:00

Lab Sample ID: 480-139705-5
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		1.7	0.35	ng/L		08/08/18 09:20	08/12/18 00:24	1
Perfluoropentanoic acid (PFPeA)	ND		1.7	0.64	ng/L		08/08/18 09:20	08/12/18 00:24	1
Perfluorohexanoic acid (PFHxA)	ND		1.7	0.20	ng/L		08/08/18 09:20	08/12/18 00:24	1
Perfluoroheptanoic acid (PFHpA)	ND		1.7	0.27	ng/L		08/08/18 09:20	08/12/18 00:24	1
Perfluorooctanoic acid (PFOA)	ND		1.7	0.27	ng/L		08/08/18 09:20	08/12/18 00:24	1
Perfluorononanoic acid (PFNA)	ND		1.7	0.32	ng/L		08/08/18 09:20	08/12/18 00:24	1
Perfluorodecanoic acid (PFDA)	ND		1.7	0.32	ng/L		08/08/18 09:20	08/12/18 00:24	1
Perfluoroundecanoic acid (PFUnA)	ND		1.7	0.21	ng/L		08/08/18 09:20	08/12/18 00:24	1
Perfluorododecanoic acid (PFDoA)	ND		1.7	0.30	ng/L		08/08/18 09:20	08/12/18 00:24	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.7	0.20	ng/L		08/08/18 09:20	08/12/18 00:24	1

Client Sample ID: EQUIPMENT BLANK

Lab Sample ID: 480-139705-5

Date Collected: 07/27/18 09:00

Matrix: Water

Date Received: 07/31/18 02:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotetradecanoic acid (PFTeA)	ND		1.7	0.38	ng/L		08/08/18 09:20	08/12/18 00:24	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.7	0.38	ng/L		08/08/18 09:20	08/12/18 00:24	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.7	0.22	ng/L		08/08/18 09:20	08/12/18 00:24	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.7	0.70	ng/L		08/08/18 09:20	08/12/18 00:24	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.7	0.65	ng/L		08/08/18 09:20	08/12/18 00:24	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.7	0.45	ng/L		08/08/18 09:20	08/12/18 00:24	1
Perfluorooctane Sulfonamide (PFOSA)	ND		1.7	0.48	ng/L		08/08/18 09:20	08/12/18 00:24	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		17	0.38	ng/L		08/08/18 09:20	08/12/18 00:24	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		17	0.60	ng/L		08/08/18 09:20	08/12/18 00:24	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		17	0.85	ng/L		08/08/18 09:20	08/12/18 00:24	1
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		17	0.48	ng/L		08/08/18 09:20	08/12/18 00:24	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
18O2 PFHxS	*86*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:24*	*1*
13C4-PFHpA	*80*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:24*	*1*
13C4 PFOA	*84*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:24*	*1*
13C4 PFOS	*83*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:24*	*1*
13C5 PFNA	*80*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:24*	*1*
13C4 PFBA	*74*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:24*	*1*
13C2 PFHxA	*93*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:24*	*1*
13C2 PFDA	*85*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:24*	*1*
13C2 PFUnA	*86*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:24*	*1*
13C2 PFDoA	*68*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:24*	*1*
13C8 FOSA	*52*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:24*	*1*
13C5-PFPeA	*87*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:24*	*1*
13C2-PFTeDA	*55*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:24*	*1*
d3-NMeFOSAA	*75*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:24*	*1*
d5-NEtFOSAA	*76*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:24*	*1*
M2-6:2FTS	*105*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:24*	*1*
M2-8:2FTS	*90*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:24*	*1*
13C3-PFBS	*75*		*25 - 150*	*08/08/18 09:20*	*08/12/18 00:24*	*1*

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-139705-6

Date Collected: 07/27/18 00:00

Matrix: Water

Date Received: 07/31/18 02:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/02/18 05:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/02/18 05:55	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/02/18 05:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/02/18 05:55	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/02/18 05:55	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/02/18 05:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/02/18 05:55	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/02/18 05:55	1

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-139705-1

Client Sample ID: TRIP BLANK
Date Collected: 07/27/18 00:00
Date Received: 07/31/18 02:00

Lab Sample ID: 480-139705-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/02/18 05:55	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/02/18 05:55	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/02/18 05:55	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/02/18 05:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/02/18 05:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/02/18 05:55	1
2-Hexanone	ND		5.0	1.2	ug/L			08/02/18 05:55	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/02/18 05:55	1
Acetone	ND		10	3.0	ug/L			08/02/18 05:55	1
Benzene	ND		1.0	0.41	ug/L			08/02/18 05:55	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/02/18 05:55	1
Bromoform	ND		1.0	0.26	ug/L			08/02/18 05:55	1
Bromomethane	ND		1.0	0.69	ug/L			08/02/18 05:55	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/02/18 05:55	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/02/18 05:55	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/02/18 05:55	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/02/18 05:55	1
Chloroethane	ND		1.0	0.32	ug/L			08/02/18 05:55	1
Chloroform	**5.1**		1.0	0.34	ug/L			08/02/18 05:55	1
Chloromethane	ND		1.0	0.35	ug/L			08/02/18 05:55	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/02/18 05:55	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/02/18 05:55	1
Cyclohexane	ND		1.0	0.18	ug/L			08/02/18 05:55	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/02/18 05:55	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/02/18 05:55	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/02/18 05:55	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/02/18 05:55	1
Methyl acetate	ND		2.5	1.3	ug/L			08/02/18 05:55	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/02/18 05:55	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/02/18 05:55	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/02/18 05:55	1
Styrene	ND		1.0	0.73	ug/L			08/02/18 05:55	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/02/18 05:55	1
Toluene	ND		1.0	0.51	ug/L			08/02/18 05:55	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/02/18 05:55	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/02/18 05:55	1
Trichloroethene	ND		1.0	0.46	ug/L			08/02/18 05:55	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/02/18 05:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/02/18 05:55	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/02/18 05:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/02/18 05:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*08/02/18 05:55*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*08/02/18 05:55*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*08/02/18 05:55*	*1*

Surrogate Summary

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-139705-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DCA	BFB	DBFM
Lab Sample ID	Client Sample ID	(80-120)	(77-120)	(73-120)	(75-123)
480-139705-1	MW-13	100	104	103	96
480-139705-2	DUP	98	104	100	100
480-139705-3	MW-12	98	105	102	98
480-139705-3 MS	MW-12	99	108	100	106
480-139705-3 MSD	MW-12	98	100	98	103
480-139705-4	MW-11	97	99	98	98
480-139705-6	TRIP BLANK	98	100	102	96
LCS 480-427650/5	Lab Control Sample	103	103	104	104
LCS 480-427676/5	Lab Control Sample	98	105	97	104
LCS 480-427826/5	Lab Control Sample	99	102	101	102
MB 480-427650/9	Method Blank	103	99	106	93
MB 480-427676/7	Method Blank	102	106	103	99
MB 480-427826/7	Method Blank	98	95	102	96

Surrogate Legend

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

Isotope Dilution Summary

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-139705-1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

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

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		DXE							
Lab Sample ID	Client Sample ID	(15-110)							
480-139705-1	MW-13	27							
480-139705-1 - RE	MW-13	28							
480-139705-2	DUP	32							
480-139705-2 - RE	DUP	26							
480-139705-3	MW-12	29							
480-139705-3 - RE	MW-12	24							
480-139705-4	MW-11	27							
480-139705-4 - RE	MW-11	28							
LCS 480-427318/2-A	Lab Control Sample	34							
LCS 480-428542/2-A	Lab Control Sample	31							
LCSD 480-427318/3-A	Lab Control Sample Dup	31							
LCSD 480-428542/3-A	Lab Control Sample Dup	30							
MB 480-427318/1-A	Method Blank	33							
MB 480-428542/1-A	Method Blank	29							

Surrogate Legend

DXE = 1,4-Dioxane-d8

Method: 537 (modified) - Fluorinated Alkyl Substances

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

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFHxS	PFHpA	PFOA	PFOS	PFNA	PFBA	PFHxA	PFDA
Lab Sample ID	Client Sample ID	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)
480-139705-1	MW-13	94	79	84	87	82	47	73	83
480-139705-2	DUP	88	76	80	85	82	43	74	74
480-139705-3	MW-12	83	66	83	99	91	17 *	49	89
480-139705-4	MW-11	88	64	82	98	94	21 *	51	91
480-139705-5	EQUIPMENT BLANK	86	80	84	83	80	74	93	85
LCS 200-132646/2-A	Lab Control Sample	92	85	87	101	92	74	100	95
LCSD 200-132646/3-A	Lab Control Sample Dup	93	84	92	99	91	80	105	97
MB 200-132646/1-A	Method Blank	88	82	87	99	85	76	99	93

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFUnA	PFDoA	PFOSA	PFPeA	PFTDA	I-NMeFOSA	5-NEtFOSA	M262FTS
Lab Sample ID	Client Sample ID	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)
480-139705-1	MW-13	70	61	73	55	64	63	63	90
480-139705-2	DUP	73	58	71	56	65	64	69	122
480-139705-3	MW-12	83	63	86	41	67	72	78	132
480-139705-4	MW-11	92	70	75	40	76	80	87	178 *
480-139705-5	EQUIPMENT BLANK	86	68	52	87	55	75	76	105
LCS 200-132646/2-A	Lab Control Sample	94	82	60	92	59	86	89	131
LCSD 200-132646/3-A	Lab Control Sample Dup	99	69	58	91	58	90	82	126
MB 200-132646/1-A	Method Blank	93	69	56	97	54	76	80	94

		Percent Isotope Dilution Recovery (Acceptance Limits)	
		M282FTS	13C3-PFBS
Lab Sample ID	Client Sample ID	(25-150)	(25-150)
480-139705-1	MW-13	88	76
480-139705-2	DUP	93	71
480-139705-3	MW-12	104	54

Isotope Dilution Summary

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-139705-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)									
		M282FTS	13C3-PFBS								
Lab Sample ID	Client Sample ID	(25-150)	(25-150)								
480-139705-4	MW-11	146	58								
480-139705-5	EQUIPMENT BLANK	90	75								
LCS 200-132646/2-A	Lab Control Sample	101	93								
LCSD 200-132646/3-A	Lab Control Sample Dup	111	94								
MB 200-132646/1-A	Method Blank	104	92								

Surrogate Legend

PFHxS = 18O2 PFHxS
PFHpA = 13C4-PFHpA
PFOA = 13C4 PFOA
PFOS = 13C4 PFOS
PFNA = 13C5 PFNA
PFBA = 13C4 PFBA
PFHxA = 13C2 PFHxA
PFDA = 13C2 PFDA
PFUnA = 13C2 PFUnA
PFDoA = 13C2 PFDoA
PFOSA = 13C8 FOSA
PFPeA = 13C5-PFPeA
PFTDA = 13C2-PFTeDA
d3-NMeFOSAA = d3-NMeFOSAA
d5-NEtFOSAA = d5-NEtFOSAA
M262FTS = M2-6:2FTS
M282FTS = M2-8:2FTS
13C3-PFBS = 13C3-PFBS

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

Lab Sample ID: MB 480-427650/9
Matrix: Water
Analysis Batch: 427650

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	ND		1.0	0.82	ug/L			08/01/18 23:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/01/18 23:45	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/01/18 23:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/01/18 23:45	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/01/18 23:45	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/01/18 23:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/01/18 23:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/01/18 23:45	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/01/18 23:45	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/01/18 23:45	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/01/18 23:45	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/01/18 23:45	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/01/18 23:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/01/18 23:45	1
2-Hexanone	ND		5.0	1.2	ug/L			08/01/18 23:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/01/18 23:45	1
Acetone	ND		10	3.0	ug/L			08/01/18 23:45	1
Benzene	ND		1.0	0.41	ug/L			08/01/18 23:45	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/01/18 23:45	1
Bromoform	ND		1.0	0.26	ug/L			08/01/18 23:45	1
Bromomethane	ND		1.0	0.69	ug/L			08/01/18 23:45	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/01/18 23:45	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/01/18 23:45	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/01/18 23:45	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/01/18 23:45	1
Chloroethane	ND		1.0	0.32	ug/L			08/01/18 23:45	1
Chloroform	ND		1.0	0.34	ug/L			08/01/18 23:45	1
Chloromethane	ND		1.0	0.35	ug/L			08/01/18 23:45	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/01/18 23:45	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/01/18 23:45	1
Cyclohexane	ND		1.0	0.18	ug/L			08/01/18 23:45	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/01/18 23:45	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/01/18 23:45	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/01/18 23:45	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/01/18 23:45	1
Methyl acetate	ND		2.5	1.3	ug/L			08/01/18 23:45	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/01/18 23:45	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/01/18 23:45	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/01/18 23:45	1
Styrene	ND		1.0	0.73	ug/L			08/01/18 23:45	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/01/18 23:45	1
Toluene	ND		1.0	0.51	ug/L			08/01/18 23:45	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/01/18 23:45	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/01/18 23:45	1
Trichloroethene	ND		1.0	0.46	ug/L			08/01/18 23:45	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/01/18 23:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/01/18 23:45	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/01/18 23:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		80 - 120		08/01/18 23:45	1
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		08/01/18 23:45	1
4-Bromofluorobenzene (Surr)	106		73 - 120		08/01/18 23:45	1
Dibromofluoromethane (Surr)	93		75 - 123		08/01/18 23:45	1

Lab Sample ID: LCS 480-427650/5
Matrix: Water
Analysis Batch: 427650

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	25.0	25.3		ug/L		101	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.5		ug/L		94	76 - 120
1,1,2-Trichloroethane	25.0	24.1		ug/L		96	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.2		ug/L		101	61 - 148
1,1-Dichloroethane	25.0	24.3		ug/L		97	77 - 120
1,1-Dichloroethene	25.0	25.2		ug/L		101	66 - 127
1,2,4-Trichlorobenzene	25.0	23.3		ug/L		93	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.5		ug/L		94	56 - 134
1,2-Dichlorobenzene	25.0	24.2		ug/L		97	80 - 124
1,2-Dichloroethane	25.0	23.7		ug/L		95	75 - 120
1,2-Dichloropropane	25.0	24.8		ug/L		99	76 - 120
1,3-Dichlorobenzene	25.0	24.4		ug/L		98	77 - 120
1,4-Dichlorobenzene	25.0	23.8		ug/L		95	80 - 120
2-Butanone (MEK)	125	125		ug/L		100	57 - 140
2-Hexanone	125	128		ug/L		102	65 - 127
4-Methyl-2-pentanone (MIBK)	125	127		ug/L		102	71 - 125
Acetone	125	134		ug/L		108	56 - 142
Benzene	25.0	25.0		ug/L		100	71 - 124
Bromodichloromethane	25.0	25.8		ug/L		103	80 - 122
Bromoform	25.0	26.2		ug/L		105	61 - 132
Bromomethane	25.0	25.8		ug/L		103	55 - 144
Carbon disulfide	25.0	22.0		ug/L		88	59 - 134
Carbon tetrachloride	25.0	26.1		ug/L		104	72 - 134
Chlorobenzene	25.0	25.0		ug/L		100	80 - 120
Dibromochloromethane	25.0	25.8		ug/L		103	75 - 125
Chloroethane	25.0	28.7		ug/L		115	69 - 136
Chloroform	25.0	24.1		ug/L		96	73 - 127
Chloromethane	25.0	23.2		ug/L		93	68 - 124
cis-1,2-Dichloroethene	25.0	23.7		ug/L		95	74 - 124
cis-1,3-Dichloropropene	25.0	25.6		ug/L		102	74 - 124
Cyclohexane	25.0	24.5		ug/L		98	59 - 135
Dichlorodifluoromethane	25.0	21.3		ug/L		85	59 - 135
Ethylbenzene	25.0	25.4		ug/L		102	77 - 123
1,2-Dibromoethane	25.0	23.6		ug/L		94	77 - 120
Isopropylbenzene	25.0	25.8		ug/L		103	77 - 122
Methyl acetate	50.0	46.8		ug/L		94	74 - 133
Methyl tert-butyl ether	25.0	22.8		ug/L		91	77 - 120
Methylcyclohexane	25.0	24.3		ug/L		97	68 - 134
Methylene Chloride	25.0	23.4		ug/L		94	75 - 124
Styrene	25.0	25.5		ug/L		102	80 - 120
Tetrachloroethene	25.0	26.1		ug/L		104	74 - 122
Toluene	25.0	24.7		ug/L		99	80 - 122
trans-1,2-Dichloroethene	25.0	23.8		ug/L		95	73 - 127

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

Lab Sample ID: LCS 480-427650/5
Matrix: Water
Analysis Batch: 427650

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,3-Dichloropropene	25.0	25.1		ug/L		100	80 - 120
Trichloroethene	25.0	24.4		ug/L		98	74 - 123
Trichlorofluoromethane	25.0	24.6		ug/L		99	62 - 150
Vinyl chloride	25.0	24.9		ug/L		100	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*103*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*
Dibromofluoromethane (Surr)	*104*		*75 - 123*

Lab Sample ID: MB 480-427676/7
Matrix: Water
Analysis Batch: 427676

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	ND		1.0	0.82	ug/L			08/02/18 10:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/02/18 10:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/02/18 10:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/02/18 10:49	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/02/18 10:49	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/02/18 10:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/02/18 10:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/02/18 10:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/02/18 10:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/02/18 10:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/02/18 10:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/02/18 10:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/02/18 10:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/02/18 10:49	1
2-Hexanone	ND		5.0	1.2	ug/L			08/02/18 10:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/02/18 10:49	1
Acetone	ND		10	3.0	ug/L			08/02/18 10:49	1
Benzene	ND		1.0	0.41	ug/L			08/02/18 10:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/02/18 10:49	1
Bromoform	ND		1.0	0.26	ug/L			08/02/18 10:49	1
Bromomethane	ND		1.0	0.69	ug/L			08/02/18 10:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/02/18 10:49	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/02/18 10:49	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/02/18 10:49	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/02/18 10:49	1
Chloroethane	ND		1.0	0.32	ug/L			08/02/18 10:49	1
Chloroform	ND		1.0	0.34	ug/L			08/02/18 10:49	1
Chloromethane	ND		1.0	0.35	ug/L			08/02/18 10:49	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/02/18 10:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/02/18 10:49	1
Cyclohexane	ND		1.0	0.18	ug/L			08/02/18 10:49	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/02/18 10:49	1

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

Lab Sample ID: MB 480-427676/7
Matrix: Water
Analysis Batch: 427676

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.74	ug/L			08/02/18 10:49	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/02/18 10:49	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/02/18 10:49	1
Methyl acetate	ND		2.5	1.3	ug/L			08/02/18 10:49	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/02/18 10:49	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/02/18 10:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/02/18 10:49	1
Styrene	ND		1.0	0.73	ug/L			08/02/18 10:49	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/02/18 10:49	1
Toluene	ND		1.0	0.51	ug/L			08/02/18 10:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/02/18 10:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/02/18 10:49	1
Trichloroethene	ND		1.0	0.46	ug/L			08/02/18 10:49	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/02/18 10:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/02/18 10:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/02/18 10:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/02/18 10:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*08/02/18 10:49*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*08/02/18 10:49*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*08/02/18 10:49*	*1*

Lab Sample ID: LCS 480-427676/5
Matrix: Water
Analysis Batch: 427676

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	25.0	29.6		ug/L		118	73 - 126
1,1,2,2-Tetrachloroethane	25.0	28.3		ug/L		113	76 - 120
1,1,2-Trichloroethane	25.0	28.4		ug/L		114	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	31.7		ug/L		127	61 - 148
1,1-Dichloroethane	25.0	28.5		ug/L		114	77 - 120
1,1-Dichloroethene	25.0	31.2		ug/L		125	66 - 127
1,2,4-Trichlorobenzene	25.0	27.2		ug/L		109	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	28.5		ug/L		114	56 - 134
1,2-Dichlorobenzene	25.0	27.2		ug/L		109	80 - 124
1,2-Dichloroethane	25.0	28.8		ug/L		115	75 - 120
1,2-Dichloropropane	25.0	28.4		ug/L		114	76 - 120
1,3-Dichlorobenzene	25.0	27.9		ug/L		112	77 - 120
1,4-Dichlorobenzene	25.0	27.6		ug/L		110	80 - 120
2-Butanone (MEK)	125	153		ug/L		123	57 - 140
2-Hexanone	125	155		ug/L		124	65 - 127
4-Methyl-2-pentanone (MIBK)	125	151		ug/L		121	71 - 125
Acetone	125	158		ug/L		126	56 - 142
Benzene	25.0	28.7		ug/L		115	71 - 124
Bromodichloromethane	25.0	28.5		ug/L		114	80 - 122

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

Lab Sample ID: LCS 480-427676/5
Matrix: Water
Analysis Batch: 427676

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	25.0	28.8		ug/L		115	61 - 132
Bromomethane	25.0	28.8		ug/L		115	55 - 144
Carbon disulfide	25.0	30.6		ug/L		123	59 - 134
Carbon tetrachloride	25.0	30.7		ug/L		123	72 - 134
Chlorobenzene	25.0	28.1		ug/L		113	80 - 120
Dibromochloromethane	25.0	31.2		ug/L		125	75 - 125
Chloroethane	25.0	30.5		ug/L		122	69 - 136
Chloroform	25.0	28.1		ug/L		112	73 - 127
Chloromethane	25.0	27.5		ug/L		110	68 - 124
cis-1,2-Dichloroethene	25.0	28.2		ug/L		113	74 - 124
cis-1,3-Dichloropropene	25.0	30.1		ug/L		121	74 - 124
Cyclohexane	25.0	30.6		ug/L		122	59 - 135
Dichlorodifluoromethane	25.0	30.7		ug/L		123	59 - 135
Ethylbenzene	25.0	28.1		ug/L		112	77 - 123
1,2-Dibromoethane	25.0	28.5		ug/L		114	77 - 120
Isopropylbenzene	25.0	28.7		ug/L		115	77 - 122
Methyl acetate	50.0	58.5		ug/L		117	74 - 133
Methyl tert-butyl ether	25.0	28.1		ug/L		112	77 - 120
Methylcyclohexane	25.0	29.6		ug/L		118	68 - 134
Methylene Chloride	25.0	28.6		ug/L		114	75 - 124
Styrene	25.0	28.5		ug/L		114	80 - 120
Tetrachloroethene	25.0	28.2		ug/L		113	74 - 122
Toluene	25.0	27.4		ug/L		110	80 - 122
trans-1,2-Dichloroethene	25.0	28.7		ug/L		115	73 - 127
trans-1,3-Dichloropropene	25.0	29.2		ug/L		117	80 - 120
Trichloroethene	25.0	28.2		ug/L		113	74 - 123
Trichlorofluoromethane	25.0	27.4		ug/L		110	62 - 150
Vinyl chloride	25.0	27.5		ug/L		110	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*
Dibromofluoromethane (Surr)	*104*		*75 - 123*

Lab Sample ID: MB 480-427826/7
Matrix: Water
Analysis Batch: 427826

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	ND		1.0	0.82	ug/L			08/02/18 22:32	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/02/18 22:32	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/02/18 22:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/02/18 22:32	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/02/18 22:32	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/02/18 22:32	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/02/18 22:32	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/02/18 22:32	1

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

Lab Sample ID: MB 480-427826/7
Matrix: Water
Analysis Batch: 427826

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/02/18 22:32	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/02/18 22:32	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/02/18 22:32	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/02/18 22:32	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/02/18 22:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/02/18 22:32	1
2-Hexanone	ND		5.0	1.2	ug/L			08/02/18 22:32	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/02/18 22:32	1
Acetone	ND		10	3.0	ug/L			08/02/18 22:32	1
Benzene	ND		1.0	0.41	ug/L			08/02/18 22:32	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/02/18 22:32	1
Bromoform	ND		1.0	0.26	ug/L			08/02/18 22:32	1
Bromomethane	ND		1.0	0.69	ug/L			08/02/18 22:32	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/02/18 22:32	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/02/18 22:32	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/02/18 22:32	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/02/18 22:32	1
Chloroethane	ND		1.0	0.32	ug/L			08/02/18 22:32	1
Chloroform	ND		1.0	0.34	ug/L			08/02/18 22:32	1
Chloromethane	ND		1.0	0.35	ug/L			08/02/18 22:32	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/02/18 22:32	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/02/18 22:32	1
Cyclohexane	ND		1.0	0.18	ug/L			08/02/18 22:32	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/02/18 22:32	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/02/18 22:32	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/02/18 22:32	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/02/18 22:32	1
Methyl acetate	ND		2.5	1.3	ug/L			08/02/18 22:32	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/02/18 22:32	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/02/18 22:32	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/02/18 22:32	1
Styrene	ND		1.0	0.73	ug/L			08/02/18 22:32	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/02/18 22:32	1
Toluene	ND		1.0	0.51	ug/L			08/02/18 22:32	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/02/18 22:32	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/02/18 22:32	1
Trichloroethene	ND		1.0	0.46	ug/L			08/02/18 22:32	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/02/18 22:32	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/02/18 22:32	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/02/18 22:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/02/18 22:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*		*08/02/18 22:32*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*08/02/18 22:32*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*08/02/18 22:32*	*1*

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

Lab Sample ID: LCS 480-427826/5
Matrix: Water
Analysis Batch: 427826

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	25.0	28.6		ug/L		114	73 - 126
1,1,2,2-Tetrachloroethane	25.0	28.9		ug/L		116	76 - 120
1,1,2-Trichloroethane	25.0	26.8		ug/L		107	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.4		ug/L		114	61 - 148
1,1-Dichloroethane	25.0	27.4		ug/L		109	77 - 120
1,1-Dichloroethene	25.0	29.6		ug/L		118	66 - 127
1,2,4-Trichlorobenzene	25.0	27.5		ug/L		110	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	30.8		ug/L		123	56 - 134
1,2-Dichlorobenzene	25.0	27.0		ug/L		108	80 - 124
1,2-Dichloroethane	25.0	27.6		ug/L		110	75 - 120
1,2-Dichloropropane	25.0	27.2		ug/L		109	76 - 120
1,3-Dichlorobenzene	25.0	27.3		ug/L		109	77 - 120
1,4-Dichlorobenzene	25.0	26.7		ug/L		107	80 - 120
2-Butanone (MEK)	125	152		ug/L		121	57 - 140
2-Hexanone	125	151		ug/L		120	65 - 127
4-Methyl-2-pentanone (MIBK)	125	148		ug/L		118	71 - 125
Acetone	125	149		ug/L		120	56 - 142
Benzene	25.0	27.2		ug/L		109	71 - 124
Bromodichloromethane	25.0	27.8		ug/L		111	80 - 122
Bromoform	25.0	31.7		ug/L		127	61 - 132
Bromomethane	25.0	26.4		ug/L		106	55 - 144
Carbon disulfide	25.0	30.5		ug/L		122	59 - 134
Carbon tetrachloride	25.0	28.9		ug/L		116	72 - 134
Chlorobenzene	25.0	26.9		ug/L		107	80 - 120
Dibromochloromethane	25.0	30.4		ug/L		122	75 - 125
Chloroethane	25.0	26.8		ug/L		107	69 - 136
Chloroform	25.0	27.8		ug/L		111	73 - 127
Chloromethane	25.0	24.4		ug/L		98	68 - 124
cis-1,2-Dichloroethene	25.0	25.7		ug/L		103	74 - 124
cis-1,3-Dichloropropene	25.0	28.8		ug/L		115	74 - 124
Cyclohexane	25.0	27.7		ug/L		111	59 - 135
Dichlorodifluoromethane	25.0	24.9		ug/L		99	59 - 135
Ethylbenzene	25.0	27.5		ug/L		110	77 - 123
1,2-Dibromoethane	25.0	26.8		ug/L		107	77 - 120
Isopropylbenzene	25.0	28.5		ug/L		114	77 - 122
Methyl acetate	50.0	56.5		ug/L		113	74 - 133
Methyl tert-butyl ether	25.0	26.5		ug/L		106	77 - 120
Methylcyclohexane	25.0	27.6		ug/L		110	68 - 134
Methylene Chloride	25.0	27.6		ug/L		110	75 - 124
Styrene	25.0	27.2		ug/L		109	80 - 120
Tetrachloroethene	25.0	28.3		ug/L		113	74 - 122
Toluene	25.0	26.1		ug/L		104	80 - 122
trans-1,2-Dichloroethene	25.0	28.0		ug/L		112	73 - 127
trans-1,3-Dichloropropene	25.0	28.4		ug/L		113	80 - 120
Trichloroethene	25.0	27.5		ug/L		110	74 - 123
Trichlorofluoromethane	25.0	22.9		ug/L		92	62 - 150
Vinyl chloride	25.0	24.1		ug/L		96	65 - 133

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

Lab Sample ID: LCS 480-427826/5
Matrix: Water
Analysis Batch: 427826

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	*99*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*
Dibromofluoromethane (Surr)	*102*		*75 - 123*

Lab Sample ID: 480-139705-3 MS
Matrix: Water
Analysis Batch: 427826

Client Sample ID: MW-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		25.0	35.4	F1	ug/L		142	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	29.1		ug/L		116	76 - 120
1,1,2-Trichloroethane	ND		25.0	29.3		ug/L		117	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	35.7		ug/L		143	61 - 148
1,1-Dichloroethane	7.3		25.0	39.7	F1	ug/L		130	77 - 120
1,1-Dichloroethene	0.31	J	25.0	36.2	F1	ug/L		144	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	27.8		ug/L		111	79 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	27.6		ug/L		110	56 - 134
1,2-Dichlorobenzene	ND		25.0	29.1		ug/L		117	80 - 124
1,2-Dichloroethane	ND		25.0	30.9	F1	ug/L		124	75 - 120
1,2-Dichloropropane	ND		25.0	31.9	F1	ug/L		127	76 - 120
1,3-Dichlorobenzene	ND		25.0	30.5	F1	ug/L		122	77 - 120
1,4-Dichlorobenzene	ND		25.0	29.0		ug/L		116	78 - 124
2-Butanone (MEK)	ND		125	150		ug/L		120	57 - 140
2-Hexanone	ND		125	147		ug/L		118	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	151		ug/L		121	71 - 125
Acetone	9.4	J	125	142		ug/L		106	56 - 142
Benzene	ND		25.0	33.0	F1	ug/L		132	71 - 124
Bromodichloromethane	ND		25.0	31.4	F1	ug/L		126	80 - 122
Bromoform	ND		25.0	27.6		ug/L		110	61 - 132
Bromomethane	ND		25.0	29.4		ug/L		118	55 - 144
Carbon disulfide	ND		25.0	34.2	F1	ug/L		137	59 - 134
Carbon tetrachloride	ND		25.0	36.4	F1	ug/L		146	72 - 134
Chlorobenzene	ND		25.0	30.5	F1	ug/L		122	80 - 120
Dibromochloromethane	ND		25.0	30.0		ug/L		120	75 - 125
Chloroethane	0.95	J	25.0	33.8		ug/L		132	69 - 136
Chloroform	ND		25.0	32.5	F1	ug/L		130	73 - 127
Chloromethane	ND		25.0	28.5		ug/L		114	68 - 124
cis-1,2-Dichloroethene	15		25.0	47.8	F1	ug/L		131	74 - 124
cis-1,3-Dichloropropene	ND		25.0	31.2	F1	ug/L		125	74 - 124
Cyclohexane	ND		25.0	34.8	F1	ug/L		139	59 - 135
Dichlorodifluoromethane	ND		25.0	24.0		ug/L		96	59 - 135
Ethylbenzene	ND		25.0	31.2	F1	ug/L		125	77 - 123
1,2-Dibromoethane	ND		25.0	28.2		ug/L		113	77 - 120
Isopropylbenzene	ND		25.0	32.1	F1	ug/L		128	77 - 122
Methyl acetate	ND		50.0	57.7		ug/L		115	74 - 133
Methyl tert-butyl ether	ND		25.0	29.5		ug/L		118	77 - 120

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

Lab Sample ID: 480-139705-3 MS
Matrix: Water
Analysis Batch: 427826

Client Sample ID: MW-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylcyclohexane	ND		25.0	31.0		ug/L		124	68 - 134
Methylene Chloride	ND		25.0	33.5	F1	ug/L		134	75 - 124
Styrene	ND		25.0	27.5		ug/L		110	80 - 120
Tetrachloroethene	ND		25.0	31.5	F1	ug/L		126	74 - 122
Toluene	ND		25.0	31.0	F1	ug/L		124	80 - 122
trans-1,2-Dichloroethene	ND		25.0	32.8	F1	ug/L		131	73 - 127
trans-1,3-Dichloropropene	ND		25.0	29.0		ug/L		116	80 - 120
Trichloroethene	ND		25.0	32.7	F1	ug/L		131	74 - 123
Trichlorofluoromethane	ND		25.0	27.9		ug/L		112	62 - 150
Vinyl chloride	27		25.0	57.6		ug/L		122	65 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*
Dibromofluoromethane (Surr)	*106*		*75 - 123*

Lab Sample ID: 480-139705-3 MSD
Matrix: Water
Analysis Batch: 427826

Client Sample ID: MW-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		25.0	31.2		ug/L		125	73 - 126	13	15
1,1,2,2-Tetrachloroethane	ND		25.0	27.1		ug/L		109	76 - 120	7	15
1,1,2-Trichloroethane	ND		25.0	25.0	F2	ug/L		100	76 - 122	16	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	31.2		ug/L		125	61 - 148	13	20
1,1-Dichloroethane	7.3		25.0	36.6		ug/L		117	77 - 120	8	20
1,1-Dichloroethene	0.31	J	25.0	33.0	F1	ug/L		131	66 - 127	9	16
1,2,4-Trichlorobenzene	ND		25.0	25.6		ug/L		102	79 - 122	8	20
1,2-Dibromo-3-Chloropropane	ND		25.0	27.5		ug/L		110	56 - 134	0	15
1,2-Dichlorobenzene	ND		25.0	26.6		ug/L		107	80 - 124	9	20
1,2-Dichloroethane	ND		25.0	27.2		ug/L		109	75 - 120	13	20
1,2-Dichloropropane	ND		25.0	28.6		ug/L		114	76 - 120	11	20
1,3-Dichlorobenzene	ND		25.0	26.6		ug/L		106	77 - 120	14	20
1,4-Dichlorobenzene	ND		25.0	26.5		ug/L		106	78 - 124	9	20
2-Butanone (MEK)	ND		125	138		ug/L		110	57 - 140	9	20
2-Hexanone	ND		125	135		ug/L		108	65 - 127	8	15
4-Methyl-2-pentanone (MIBK)	ND		125	139		ug/L		111	71 - 125	9	35
Acetone	9.4	J	125	128		ug/L		95	56 - 142	10	15
Benzene	ND		25.0	29.2		ug/L		117	71 - 124	12	13
Bromodichloromethane	ND		25.0	28.0		ug/L		112	80 - 122	11	15
Bromoform	ND		25.0	25.7		ug/L		103	61 - 132	7	15
Bromomethane	ND		25.0	30.1		ug/L		120	55 - 144	2	15
Carbon disulfide	ND		25.0	30.9		ug/L		124	59 - 134	10	15
Carbon tetrachloride	ND		25.0	32.6		ug/L		130	72 - 134	11	15
Chlorobenzene	ND		25.0	28.1		ug/L		112	80 - 120	8	25
Dibromochloromethane	ND		25.0	27.6		ug/L		110	75 - 125	8	15

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

Lab Sample ID: 480-139705-3 MSD
Matrix: Water
Analysis Batch: 427826

Client Sample ID: MW-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloroethane	0.95	J	25.0	34.2		ug/L		133	69 - 136	1	15
Chloroform	ND		25.0	28.9		ug/L		116	73 - 127	12	20
Chloromethane	ND		25.0	30.3		ug/L		121	68 - 124	6	15
cis-1,2-Dichloroethene	15		25.0	42.9		ug/L		112	74 - 124	11	15
cis-1,3-Dichloropropene	ND		25.0	26.8		ug/L		107	74 - 124	15	15
Cyclohexane	ND		25.0	29.0		ug/L		116	59 - 135	18	20
Dichlorodifluoromethane	ND		25.0	29.9	F2	ug/L		120	59 - 135	22	20
Ethylbenzene	ND		25.0	28.5		ug/L		114	77 - 123	9	15
1,2-Dibromoethane	ND		25.0	25.8		ug/L		103	77 - 120	9	15
Isopropylbenzene	ND		25.0	28.7		ug/L		115	77 - 122	11	20
Methyl acetate	ND		50.0	51.3		ug/L		103	74 - 133	12	20
Methyl tert-butyl ether	ND		25.0	25.8		ug/L		103	77 - 120	14	37
Methylcyclohexane	ND		25.0	27.7		ug/L		111	68 - 134	11	20
Methylene Chloride	ND		25.0	28.8		ug/L		115	75 - 124	15	15
Styrene	ND		25.0	25.5		ug/L		102	80 - 120	8	20
Tetrachloroethene	ND		25.0	28.8		ug/L		115	74 - 122	9	20
Toluene	ND		25.0	27.9		ug/L		112	80 - 122	10	15
trans-1,2-Dichloroethene	ND		25.0	29.8		ug/L		119	73 - 127	10	20
trans-1,3-Dichloropropene	ND		25.0	26.4		ug/L		106	80 - 120	9	15
Trichloroethene	ND		25.0	28.7		ug/L		115	74 - 123	13	16
Trichlorofluoromethane	ND		25.0	29.3		ug/L		117	62 - 150	5	20
Vinyl chloride	27		25.0	59.8		ug/L		131	65 - 133	4	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*
Dibromofluoromethane (Surr)	*103*		*75 - 123*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 480-427318/1-A
Matrix: Water
Analysis Batch: 428262

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 427318

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.452		0.20	0.10	ug/L		07/31/18 14:31	08/07/18 00:10	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*33*		*15 - 110*	*07/31/18 14:31*	*08/07/18 00:10*	*1*

Lab Sample ID: LCS 480-427318/2-A
Matrix: Water
Analysis Batch: 428262

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 427318

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	1.00	1.46	E *	ug/L		146	40 - 140

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
1,4-Dioxane-d8	34		15 - 110

Lab Sample ID: LCSD 480-427318/3-A
Matrix: Water
Analysis Batch: 428262

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 427318

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			1.00	1.47	E *	ug/L		147	40 - 140	1	20

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Dioxane-d8	31		15 - 110

Lab Sample ID: MB 480-428542/1-A
Matrix: Water
Analysis Batch: 428812

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 428542

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20	0.10	ug/L		08/08/18 07:51	08/09/18 12:48	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	29		15 - 110	08/08/18 07:51	08/09/18 12:48	1

Lab Sample ID: LCS 480-428542/2-A
Matrix: Water
Analysis Batch: 428812

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 428542

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane			1.00	1.10		ug/L		110	40 - 140

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
1,4-Dioxane-d8	31		15 - 110

Lab Sample ID: LCSD 480-428542/3-A
Matrix: Water
Analysis Batch: 428812

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 428542

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			1.00	1.10		ug/L		110	40 - 140	0	20

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Dioxane-d8	30		15 - 110

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 200-132646/1-A
Matrix: Water
Analysis Batch: 132796

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132646

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		2.0	0.41	ng/L		08/08/18 09:20	08/11/18 18:35	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.75	ng/L		08/08/18 09:20	08/11/18 18:35	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.24	ng/L		08/08/18 09:20	08/11/18 18:35	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.32	ng/L		08/08/18 09:20	08/11/18 18:35	1
Perfluorooctanoic acid (PFOA)	0.459	J	2.0	0.32	ng/L		08/08/18 09:20	08/11/18 18:35	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.38	ng/L		08/08/18 09:20	08/11/18 18:35	1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: MB 200-132646/1-A
Matrix: Water
Analysis Batch: 132796

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132646

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanoic acid (PFDA)	ND		2.0	0.38	ng/L		08/08/18 09:20	08/11/18 18:35	1
Perfluoroundecanoic acid (PFUnA)	0.268	J	2.0	0.25	ng/L		08/08/18 09:20	08/11/18 18:35	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.35	ng/L		08/08/18 09:20	08/11/18 18:35	1
Perfluorotridecanoic Acid (PFTriA)	ND		2.0	0.24	ng/L		08/08/18 09:20	08/11/18 18:35	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0	0.45	ng/L		08/08/18 09:20	08/11/18 18:35	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.44	ng/L		08/08/18 09:20	08/11/18 18:35	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.26	ng/L		08/08/18 09:20	08/11/18 18:35	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		2.0	0.82	ng/L		08/08/18 09:20	08/11/18 18:35	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	0.76	ng/L		08/08/18 09:20	08/11/18 18:35	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.53	ng/L		08/08/18 09:20	08/11/18 18:35	1
Perfluorooctane Sulfonamide (PFOSA)	ND		2.0	0.56	ng/L		08/08/18 09:20	08/11/18 18:35	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		20	0.45	ng/L		08/08/18 09:20	08/11/18 18:35	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		20	0.70	ng/L		08/08/18 09:20	08/11/18 18:35	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		20	1.0	ng/L		08/08/18 09:20	08/11/18 18:35	1
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		20	0.56	ng/L		08/08/18 09:20	08/11/18 18:35	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
18O2 PFHxS	*88*		*25 - 150*	*08/08/18 09:20*	*08/11/18 18:35*	*1*
13C4-PFHpA	*82*		*25 - 150*	*08/08/18 09:20*	*08/11/18 18:35*	*1*
13C4 PFOA	*87*		*25 - 150*	*08/08/18 09:20*	*08/11/18 18:35*	*1*
13C4 PFOS	*99*		*25 - 150*	*08/08/18 09:20*	*08/11/18 18:35*	*1*
13C5 PFNA	*85*		*25 - 150*	*08/08/18 09:20*	*08/11/18 18:35*	*1*
13C4 PFBA	*76*		*25 - 150*	*08/08/18 09:20*	*08/11/18 18:35*	*1*
13C2 PFHxA	*99*		*25 - 150*	*08/08/18 09:20*	*08/11/18 18:35*	*1*
13C2 PFDA	*93*		*25 - 150*	*08/08/18 09:20*	*08/11/18 18:35*	*1*
13C2 PFUnA	*93*		*25 - 150*	*08/08/18 09:20*	*08/11/18 18:35*	*1*
13C2 PFDoA	*69*		*25 - 150*	*08/08/18 09:20*	*08/11/18 18:35*	*1*
13C8 FOSA	*56*		*25 - 150*	*08/08/18 09:20*	*08/11/18 18:35*	*1*
13C5-PFPeA	*97*		*25 - 150*	*08/08/18 09:20*	*08/11/18 18:35*	*1*
13C2-PFTeDA	*54*		*25 - 150*	*08/08/18 09:20*	*08/11/18 18:35*	*1*
d3-NMeFOSAA	*76*		*25 - 150*	*08/08/18 09:20*	*08/11/18 18:35*	*1*
d5-NEtFOSAA	*80*		*25 - 150*	*08/08/18 09:20*	*08/11/18 18:35*	*1*
M2-6:2FTS	*94*		*25 - 150*	*08/08/18 09:20*	*08/11/18 18:35*	*1*
M2-8:2FTS	*104*		*25 - 150*	*08/08/18 09:20*	*08/11/18 18:35*	*1*
13C3-PFBS	*92*		*25 - 150*	*08/08/18 09:20*	*08/11/18 18:35*	*1*

Lab Sample ID: LCS 200-132646/2-A
Matrix: Water
Analysis Batch: 132796

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132646

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorobutanoic acid (PFBA)	40.0	44.4		ng/L		111	50 - 150
Perfluoropentanoic acid (PFPeA)	40.0	42.5		ng/L		106	50 - 150
Perfluorohexanoic acid (PFHxA)	40.0	43.8		ng/L		110	50 - 150

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 200-132646/2-A
Matrix: Water
Analysis Batch: 132796

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132646

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluoroheptanoic acid (PFHpA)	40.0	42.1		ng/L		105	50 - 150
Perfluorooctanoic acid (PFOA)	40.0	42.9		ng/L		107	50 - 150
Perfluorononanoic acid (PFNA)	40.0	42.4		ng/L		106	50 - 150
Perfluorodecanoic acid (PFDA)	40.0	42.7		ng/L		107	50 - 150
Perfluoroundecanoic acid (PFUnA)	40.0	43.7		ng/L		109	50 - 150
Perfluorododecanoic acid (PFDoA)	40.0	36.7		ng/L		92	50 - 150
Perfluorotridecanoic Acid (PFTriA)	40.0	29.3		ng/L		73	50 - 150
Perfluorotetradecanoic acid (PFTeA)	40.0	39.5		ng/L		99	50 - 150
Perfluorobutanesulfonic acid (PFBS)	40.0	41.8		ng/L		104	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	40.0	40.3		ng/L		101	50 - 150
Perfluoroheptanesulfonic Acid (PFHpS)	40.0	43.0		ng/L		108	50 - 150
Perfluorooctanesulfonic acid (PFOS)	40.0	42.3		ng/L		106	50 - 150
Perfluorodecanesulfonic acid (PFDS)	40.0	33.9		ng/L		85	50 - 150
Perfluorooctane Sulfonamide (PFOSA)	40.0	39.6		ng/L		99	50 - 150
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	40.0	45.9		ng/L		115	50 - 150
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	40.0	41.2		ng/L		103	50 - 150
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	40.0	36.8		ng/L		92	50 - 150
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	40.0	42.4		ng/L		106	50 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
18O2 PFHxS	*92*		*25 - 150*
13C4-PFHpA	*85*		*25 - 150*
13C4 PFOA	*87*		*25 - 150*
13C4 PFOS	*101*		*25 - 150*
13C5 PFNA	*92*		*25 - 150*
13C4 PFBA	*74*		*25 - 150*
13C2 PFHxA	*100*		*25 - 150*
13C2 PFDA	*95*		*25 - 150*
13C2 PFUnA	*94*		*25 - 150*
13C2 PFDoA	*82*		*25 - 150*
13C8 FOSA	*60*		*25 - 150*
13C5-PFPeA	*92*		*25 - 150*
13C2-PFTeDA	*59*		*25 - 150*
d3-NMeFOSAA	*86*		*25 - 150*
d5-NEtFOSAA	*89*		*25 - 150*
M2-6:2FTS	*131*		*25 - 150*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 200-132646/2-A
Matrix: Water
Analysis Batch: 132796

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132646

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
M2-8:2FTS	101		25 - 150
13C3-PFBS	93		25 - 150

Lab Sample ID: LCSD 200-132646/3-A
Matrix: Water
Analysis Batch: 132796

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 132646

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	40.0	42.2		ng/L		105	50 - 150	5	30
Perfluoropentanoic acid (PFPeA)	40.0	42.7		ng/L		107	50 - 150	1	30
Perfluorohexanoic acid (PFHxA)	40.0	43.0		ng/L		108	50 - 150	2	30
Perfluoroheptanoic acid (PFHpA)	40.0	40.7		ng/L		102	50 - 150	3	30
Perfluorooctanoic acid (PFOA)	40.0	40.5		ng/L		101	50 - 150	6	30
Perfluorononanoic acid (PFNA)	40.0	45.0		ng/L		113	50 - 150	6	30
Perfluorodecanoic acid (PFDA)	40.0	42.1		ng/L		105	50 - 150	1	30
Perfluoroundecanoic acid (PFUnA)	40.0	41.8		ng/L		104	50 - 150	5	30
Perfluorododecanoic acid (PFDoA)	40.0	39.5		ng/L		99	50 - 150	7	30
Perfluorotridecanoic Acid (PFTriA)	40.0	31.5		ng/L		79	50 - 150	7	30
Perfluorotetradecanoic acid (PFTeA)	40.0	40.5		ng/L		101	50 - 150	3	30
Perfluorobutanesulfonic acid (PFBS)	40.0	42.8		ng/L		107	50 - 150	2	30
Perfluorohexanesulfonic acid (PFHxS)	40.0	39.2		ng/L		98	50 - 150	3	30
Perfluoroheptanesulfonic Acid (PFHpS)	40.0	45.0		ng/L		112	50 - 150	4	30
Perfluorooctanesulfonic acid (PFOS)	40.0	43.0		ng/L		108	50 - 150	2	30
Perfluorodecanesulfonic acid (PFDS)	40.0	31.5		ng/L		79	50 - 150	7	30
Perfluorooctane Sulfonamide (PFOSA)	40.0	38.6		ng/L		97	50 - 150	2	30
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	40.0	42.7		ng/L		107	50 - 150	7	30
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	40.0	42.2		ng/L		106	50 - 150	3	30
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	40.0	38.4		ng/L		96	50 - 150	4	30
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	40.0	45.3		ng/L		113	50 - 150	7	30

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
18O2 PFHxS	93		25 - 150
13C4-PFHpA	84		25 - 150
13C4 PFOA	92		25 - 150
13C4 PFOS	99		25 - 150
13C5 PFNA	91		25 - 150

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCSD 200-132646/3-A
Matrix: Water
Analysis Batch: 132796

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 132646

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C4 PFBA	80		25 - 150
13C2 PFHxA	105		25 - 150
13C2 PFDA	97		25 - 150
13C2 PFUnA	99		25 - 150
13C2 PFDoA	69		25 - 150
13C8 FOSA	58		25 - 150
13C5-PFPeA	91		25 - 150
13C2-PFTeDA	58		25 - 150
d3-NMeFOSAA	90		25 - 150
d5-NEtFOSAA	82		25 - 150
M2-6:2FTS	126		25 - 150
M2-8:2FTS	111		25 - 150
13C3-PFBS	94		25 - 150

GC/MS VOA

Analysis Batch: 427650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-139705-6	TRIP BLANK	Total/NA	Water	8260C	
MB 480-427650/9	Method Blank	Total/NA	Water	8260C	
LCS 480-427650/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 427676

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-139705-1	MW-13	Total/NA	Water	8260C	
480-139705-2	DUP	Total/NA	Water	8260C	
480-139705-3	MW-12	Total/NA	Water	8260C	
480-139705-4	MW-11	Total/NA	Water	8260C	
MB 480-427676/7	Method Blank	Total/NA	Water	8260C	
LCS 480-427676/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 427826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-427826/7	Method Blank	Total/NA	Water	8260C	
LCS 480-427826/5	Lab Control Sample	Total/NA	Water	8260C	
480-139705-3 MS	MW-12	Total/NA	Water	8260C	
480-139705-3 MSD	MW-12	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 427318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-139705-1	MW-13	Total/NA	Water	3510C	
480-139705-2	DUP	Total/NA	Water	3510C	
480-139705-3	MW-12	Total/NA	Water	3510C	
480-139705-4	MW-11	Total/NA	Water	3510C	
MB 480-427318/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-427318/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-427318/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 428262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-139705-4	MW-11	Total/NA	Water	8270D SIM ID	427318
MB 480-427318/1-A	Method Blank	Total/NA	Water	8270D SIM ID	427318
LCS 480-427318/2-A	Lab Control Sample	Total/NA	Water	8270D SIM ID	427318
LCSD 480-427318/3-A	Lab Control Sample Dup	Total/NA	Water	8270D SIM ID	427318

Prep Batch: 428542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-139705-1 - RE	MW-13	Total/NA	Water	3510C	
480-139705-2 - RE	DUP	Total/NA	Water	3510C	
480-139705-3 - RE	MW-12	Total/NA	Water	3510C	
480-139705-4 - RE	MW-11	Total/NA	Water	3510C	
MB 480-428542/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-428542/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-428542/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

GC/MS Semi VOA (Continued)

Analysis Batch: 428812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-139705-1 - RE	MW-13	Total/NA	Water	8270D SIM ID	428542
480-139705-1	MW-13	Total/NA	Water	8270D SIM ID	427318
480-139705-2 - RE	DUP	Total/NA	Water	8270D SIM ID	428542
480-139705-2	DUP	Total/NA	Water	8270D SIM ID	427318
480-139705-3 - RE	MW-12	Total/NA	Water	8270D SIM ID	428542
480-139705-3	MW-12	Total/NA	Water	8270D SIM ID	427318
480-139705-4 - RE	MW-11	Total/NA	Water	8270D SIM ID	428542
MB 480-428542/1-A	Method Blank	Total/NA	Water	8270D SIM ID	428542
LCS 480-428542/2-A	Lab Control Sample	Total/NA	Water	8270D SIM ID	428542
LCSD 480-428542/3-A	Lab Control Sample Dup	Total/NA	Water	8270D SIM ID	428542

LCMS

Prep Batch: 132646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-139705-1	MW-13	Total/NA	Water	3535	
480-139705-2	DUP	Total/NA	Water	3535	
480-139705-3	MW-12	Total/NA	Water	3535	
480-139705-4	MW-11	Total/NA	Water	3535	
480-139705-5	EQUIPMENT BLANK	Total/NA	Water	3535	
MB 200-132646/1-A	Method Blank	Total/NA	Water	3535	
LCS 200-132646/2-A	Lab Control Sample	Total/NA	Water	3535	
LCSD 200-132646/3-A	Lab Control Sample Dup	Total/NA	Water	3535	

Analysis Batch: 132796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-139705-1	MW-13	Total/NA	Water	537 (modified)	132646
480-139705-2	DUP	Total/NA	Water	537 (modified)	132646
480-139705-3	MW-12	Total/NA	Water	537 (modified)	132646
480-139705-4	MW-11	Total/NA	Water	537 (modified)	132646
480-139705-5	EQUIPMENT BLANK	Total/NA	Water	537 (modified)	132646
MB 200-132646/1-A	Method Blank	Total/NA	Water	537 (modified)	132646
LCS 200-132646/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	132646
LCSD 200-132646/3-A	Lab Control Sample Dup	Total/NA	Water	537 (modified)	132646

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-139705-1

Client Sample ID: MW-13

Lab Sample ID: 480-139705-1

Date Collected: 07/26/18 11:30
Matrix: Water
Date Received: 07/31/18 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	427676	08/02/18 15:18	AEM	TAL BUF
Total/NA	Prep	3510C	RE		428542	08/08/18 07:51	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID	RE	2	428812	08/09/18 13:59	MKP	TAL BUF
Total/NA	Prep	3510C			427318	07/31/18 14:31	ATG	TAL BUF
Total/NA	Analysis	8270D SIM ID		2	428812	08/09/18 15:58	MKP	TAL BUF
Total/NA	Prep	3535			132646	08/08/18 09:20	JM1	TAL BUR
Total/NA	Analysis	537 (modified)		1	132796	08/11/18 23:21	BWC	TAL BUR

Client Sample ID: DUP

Lab Sample ID: 480-139705-2

Date Collected: 07/26/18 12:00
Matrix: Water
Date Received: 07/31/18 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	427676	08/02/18 15:41	AEM	TAL BUF
Total/NA	Prep	3510C	RE		428542	08/08/18 07:51	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID	RE	2	428812	08/09/18 14:23	MKP	TAL BUF
Total/NA	Prep	3510C			427318	07/31/18 14:31	ATG	TAL BUF
Total/NA	Analysis	8270D SIM ID		2	428812	08/09/18 16:22	MKP	TAL BUF
Total/NA	Prep	3535			132646	08/08/18 09:20	JM1	TAL BUR
Total/NA	Analysis	537 (modified)		1	132796	08/11/18 23:37	BWC	TAL BUR

Client Sample ID: MW-12

Lab Sample ID: 480-139705-3

Date Collected: 07/26/18 14:10
Matrix: Water
Date Received: 07/31/18 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	427676	08/02/18 16:05	AEM	TAL BUF
Total/NA	Prep	3510C	RE		428542	08/08/18 07:51	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID	RE	5	428812	08/09/18 14:46	MKP	TAL BUF
Total/NA	Prep	3510C			427318	07/31/18 14:31	ATG	TAL BUF
Total/NA	Analysis	8270D SIM ID		5	428812	08/09/18 16:46	MKP	TAL BUF
Total/NA	Prep	3535			132646	08/08/18 09:20	JM1	TAL BUR
Total/NA	Analysis	537 (modified)		1	132796	08/11/18 23:53	BWC	TAL BUR

Client Sample ID: MW-11

Lab Sample ID: 480-139705-4

Date Collected: 07/27/18 10:00
Matrix: Water
Date Received: 07/31/18 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	427676	08/02/18 16:29	AEM	TAL BUF
Total/NA	Prep	3510C			427318	07/31/18 14:31	ATG	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	428262	08/07/18 03:19	DMR	TAL BUF

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-139705-1

Client Sample ID: MW-11

Lab Sample ID: 480-139705-4

Date Collected: 07/27/18 10:00

Matrix: Water

Date Received: 07/31/18 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C	RE		428542	08/08/18 07:51	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID	RE	1	428812	08/09/18 15:10	MKP	TAL BUF
Total/NA	Prep	3535			132646	08/08/18 09:20	JM1	TAL BUR
Total/NA	Analysis	537 (modified)		1	132796	08/12/18 00:09	BWC	TAL BUR

Client Sample ID: EQUIPMENT BLANK

Lab Sample ID: 480-139705-5

Date Collected: 07/27/18 09:00

Matrix: Water

Date Received: 07/31/18 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			132646	08/08/18 09:20	JM1	TAL BUR
Total/NA	Analysis	537 (modified)		1	132796	08/12/18 00:24	BWC	TAL BUR

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-139705-6

Date Collected: 07/27/18 00:00

Matrix: Water

Date Received: 07/31/18 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	427650	08/02/18 05:55	KMN	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-139705-1

Laboratory: TestAmerica Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-19

Laboratory: TestAmerica Burlington

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10391	04-01-19

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

Analysis Method	Prep Method	Matrix	Analyte
537 (modified)	3535	Water	1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)
537 (modified)	3535	Water	1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)
537 (modified)	3535	Water	N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)
537 (modified)	3535	Water	N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)
537 (modified)	3535	Water	Perfluorobutanesulfonic acid (PFBS)
537 (modified)	3535	Water	Perfluorobutanoic acid (PFBA)
537 (modified)	3535	Water	Perfluorodecanesulfonic acid (PFDS)
537 (modified)	3535	Water	Perfluorodecanoic acid (PFDA)
537 (modified)	3535	Water	Perfluorododecanoic acid (PFDoA)
537 (modified)	3535	Water	Perfluoroheptanesulfonic Acid (PFHpS)
537 (modified)	3535	Water	Perfluoroheptanoic acid (PFHpA)
537 (modified)	3535	Water	Perfluorohexanesulfonic acid (PFHxS)
537 (modified)	3535	Water	Perfluorohexanoic acid (PFHxA)
537 (modified)	3535	Water	Perfluorononanoic acid (PFNA)
537 (modified)	3535	Water	Perfluorooctane Sulfonamide (PFOSA)
537 (modified)	3535	Water	Perfluorooctanesulfonic acid (PFOS)
537 (modified)	3535	Water	Perfluorooctanoic acid (PFOA)
537 (modified)	3535	Water	Perfluoropentanoic acid (PFPeA)
537 (modified)	3535	Water	Perfluorotetradecanoic acid (PFTeA)
537 (modified)	3535	Water	Perfluorotridecanoic Acid (PFTriA)
537 (modified)	3535	Water	Perfluoroundecanoic acid (PFUnA)

Method Summary

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-139705-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	TAL BUF
537 (modified)	Fluorinated Alkyl Substances	EPA	TAL BUR
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL BUF
3535	Solid-Phase Extraction (SPE)	SW846	TAL BUR
5030C	Purge and Trap	SW846	TAL BUF

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 BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-139705-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-139705-1	MW-13	Water	07/26/18 11:30	07/31/18 02:00
480-139705-2	DUP	Water	07/26/18 12:00	07/31/18 02:00
480-139705-3	MW-12	Water	07/26/18 14:10	07/31/18 02:00
480-139705-4	MW-11	Water	07/27/18 10:00	07/31/18 02:00
480-139705-5	EQUIPMENT BLANK	Water	07/27/18 09:00	07/31/18 02:00
480-139705-6	TRIP BLANK	Water	07/27/18 00:00	07/31/18 02:00

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

480-139705 COC

Client Information	Sampler: Jessica Dombrowski	Lab PM: Deyo, Melissa L	Ca	COC No: 480-116075-26838.1
Client Contact: Mr. Andrew Benkleman	Phone: 716-445-7990	E-Mail: melissa.deyo@testamericainc.com		Page: Page 1 of 2
Company: LaBella Associates DPC				Job #:
Address: 300 Pearl Street Suite 130	Due Date Requested:	Analysis Requested		
City: Buffalo	TAT Requested (days):			
State, Zip: NY, 14202				
Phone: 716-768-3184(Tel)	PO #: Purchase Order Requested			
Email: abenkleman@labellapc.com	WO #:			
Project Name: Edgewood Warehouse, Dunkirk,NY	Project #: 48018543			
Site: Pre-Remedial GW Monitoring	SSOW#:			

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL VOCs	PFC_IDA - PFAS, Standard List (21 analytes)	8270D_SIM_MS_ID - SIM List	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N	N		
MW-13	7/26/18	1130	G	Water	N	N	X	X	X		
Dup	7/26/18	1200	G	Water	N	N	X	X	X		
MW-12	7/26/18	1410	G	Water	N	Y	X	X	X		MS/MSD for VOCs
MW-11	7/27/18	1000	G	Water	N	N	X	X	X		
Equipment Blank	7/27/18	900	G	Water	N	N		X			
Trip Blank				Water	N	N	X				
				Water							
				Water							
				Water							
				Water							
				Water							

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Jessica Dombrowski	7/27/18 16:35	LaBella		7/27/18 16:35	
2	Jay Tyler	7/27/18 17:10	TAB		7-31-18 0200	TAB
3						

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 18.6 #1
ICE MELTED

Ver: 08/04/2016

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

480-139705 Chain of Custody

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Deyo, Melissa L	COC No: 480-43729.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: melissa.deyo@testamericainc.com	State of Origin: New York	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - New York	Job #: 480-139705-1
Address: 30 Community Drive, Suite 11,	Due Date Requested: 8/7/2018	**Analysis Requested**	**Preservation Codes:**
City: South Burlington	TAT Requested (days):		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
State, Zip: VT, 05403			M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Phone: 802-660-1990(Tel) 802-660-1919(Fax)	PO #:		Other:
Email:	WO #:		
Project Name: Edgewood Warehouse, Dunkirk,NY	Project #: 48018543		
Site:	SSOW#:		

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFC_IDA/3535_IWWT PFAS, Standard List (21 analytes)	Total Number of containers	Special Instructions/Note:
				Preservation Code:					
MW-13 (480-139705-1)	7/26/18	11:30 Eastern		Water			X	2	
DUP (480-139705-2)	7/26/18	12:00 Eastern		Water			X	2	
MW-12 (480-139705-3)	7/26/18	14:10 Eastern		Water			X	2	
MW-11 (480-139705-4)	7/27/18	10:00 Eastern		Water			X	2	
EQUIPMENT BLANK (480-139705-5)	7/27/18	09:00 Eastern		Water			X	2	

Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to TestAmerica Laboratories, Inc. attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to TestAmerica Laboratories, Inc.

Possible Hazard Identification Unconfirmed	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify) — Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:		Time:		Method of Shipment:
Relinquished by: Chalkow Cikolb	Date/Time: 07/31/18 1700	Company: TA	Received by: [signature]	Date/Time: 8/1/18 1030	Company: TA Burl
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: S26080		Cooler Temperature(s) °C and Other Remarks: 1.4		

Ver: 09/20/2016

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Part # 159469-434 Rev. EXP 03/19

ORIGIN ID:DKKA (716) 691-2600
CHAR BRONSON
TEST AMERICA
10 HAZELWOOD

AMHERST , NY 14228
UNITED STATES US

SHIP DATE: 31JUL18
ACTWGT: 28.40 LB
CAD: 846654/CAFE3210
DIMS: 22x14x11 IN

BILL RECIPIENT

TO SAMPLE MGT.
TA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403
(802) 660-1990
REF: TA BURLINGTON

FedEx Express

WED - 01 AUG 3:00P
STANDARD OVERNIGHT

TRK# 0201 4276 0717 3901

NC BTVA

05403
VT-US BTV

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-139705-1

Login Number: 139705

List Source: TestAmerica Buffalo

List Number: 1

Creator: Williams, Christopher S

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	ICE MELTED AT TIME OF RECEIPT
Cooler Temperature is acceptable.	True	ICE MELTED AT TIME OF RECEIPT
Cooler Temperature is recorded.	True	ICE MELTED AT TIME OF RECEIPT
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	LA BELLA
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-139705-1

Login Number: 139705
List Number: 2
Creator: Johnson, Eleanor E

List Source: TestAmerica Burlington
List Creation: 08/01/18 10:57 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	526080
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.4ºC
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-140169-1
Client Project/Site: Edgewood Warehouse, Dunkirk,NY

For:
LaBella Associates DPC
300 Pearl Street
Suite 130
Buffalo, New York 14202

Attn: Mr. Andrew Benkleman

Authorized for release by:
8/14/2018 5:03:46 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

Table of Contents

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Case Narrative

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-140169-1

Job ID: 480-140169-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-140169-1

Receipt
The sample was received on 8/9/2018 4:05 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.8º C.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-429131 recovered outside acceptance criteria, low biased, for Vinyl chloride. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The following samples are impacted: MW-4R (480-140169-1).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-429131 recovered above the upper control limit for Cyclohexane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: MW-4R (480-140169-1).

Method(s) 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: MW-4R (480-140169-1). Elevated reporting limits (RLs) are provided.

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

Detection Summary

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-140169-1

Client Sample ID: MW-4R **Lab Sample ID: 480-140169-1**

No Detections.

This Detection Summary does not include radiochemical test results.

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-140169-1

Client Sample ID: MW-4R
Date Collected: 08/07/18 12:40
Date Received: 08/09/18 16:05

Lab Sample ID: 480-140169-1
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	ND		4.0	3.3	ug/L			08/11/18 03:34	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			08/11/18 03:34	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			08/11/18 03:34	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			08/11/18 03:34	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			08/11/18 03:34	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			08/11/18 03:34	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			08/11/18 03:34	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			08/11/18 03:34	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			08/11/18 03:34	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			08/11/18 03:34	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			08/11/18 03:34	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			08/11/18 03:34	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			08/11/18 03:34	4
2-Butanone (MEK)	ND		40	5.3	ug/L			08/11/18 03:34	4
2-Hexanone	ND		20	5.0	ug/L			08/11/18 03:34	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			08/11/18 03:34	4
Acetone	ND		40	12	ug/L			08/11/18 03:34	4
Benzene	ND		4.0	1.6	ug/L			08/11/18 03:34	4
Bromodichloromethane	ND		4.0	1.6	ug/L			08/11/18 03:34	4
Bromoform	ND		4.0	1.0	ug/L			08/11/18 03:34	4
Bromomethane	ND		4.0	2.8	ug/L			08/11/18 03:34	4
Carbon disulfide	ND		4.0	0.76	ug/L			08/11/18 03:34	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			08/11/18 03:34	4
Chlorobenzene	ND		4.0	3.0	ug/L			08/11/18 03:34	4
Dibromochloromethane	ND		4.0	1.3	ug/L			08/11/18 03:34	4
Chloroethane	ND		4.0	1.3	ug/L			08/11/18 03:34	4
Chloroform	ND		4.0	1.4	ug/L			08/11/18 03:34	4
Chloromethane	ND		4.0	1.4	ug/L			08/11/18 03:34	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			08/11/18 03:34	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			08/11/18 03:34	4
Cyclohexane	ND		4.0	0.72	ug/L			08/11/18 03:34	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			08/11/18 03:34	4
Ethylbenzene	ND		4.0	3.0	ug/L			08/11/18 03:34	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			08/11/18 03:34	4
Isopropylbenzene	ND		4.0	3.2	ug/L			08/11/18 03:34	4
Methyl acetate	ND		10	5.2	ug/L			08/11/18 03:34	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			08/11/18 03:34	4
Methylcyclohexane	ND		4.0	0.64	ug/L			08/11/18 03:34	4
Methylene Chloride	ND		4.0	1.8	ug/L			08/11/18 03:34	4
Styrene	ND		4.0	2.9	ug/L			08/11/18 03:34	4
Tetrachloroethene	ND		4.0	1.4	ug/L			08/11/18 03:34	4
Toluene	ND		4.0	2.0	ug/L			08/11/18 03:34	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			08/11/18 03:34	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			08/11/18 03:34	4
Trichloroethene	ND		4.0	1.8	ug/L			08/11/18 03:34	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			08/11/18 03:34	4
Vinyl chloride	ND		4.0	3.6	ug/L			08/11/18 03:34	4
Xylenes, Total	ND		8.0	2.6	ug/L			08/11/18 03:34	4

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-140169-1

Client Sample ID: MW-4R
Date Collected: 08/07/18 12:40
Date Received: 08/09/18 16:05

Lab Sample ID: 480-140169-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	91		80 - 120		08/11/18 03:34	4
1,2-Dichloroethane-d4 (Surr)	86		77 - 120		08/11/18 03:34	4
4-Bromofluorobenzene (Surr)	83		73 - 120		08/11/18 03:34	4
Dibromofluoromethane (Surr)	82		75 - 123		08/11/18 03:34	4

Surrogate Summary

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-140169-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DCA	BFB	DBFM
Lab Sample ID	Client Sample ID	(80-120)	(77-120)	(73-120)	(75-123)
480-140169-1	MW-4R	91	86	83	82
LCS 480-429131/6	Lab Control Sample	94	94	86	89
MB 480-429131/8	Method Blank	94	87	89	85

Surrogate Legend

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

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

Lab Sample ID: MB 480-429131/8
Matrix: Water
Analysis Batch: 429131

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	ND		1.0	0.82	ug/L			08/10/18 21:02	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/10/18 21:02	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/10/18 21:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/10/18 21:02	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/10/18 21:02	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/10/18 21:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/10/18 21:02	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/10/18 21:02	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/10/18 21:02	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/10/18 21:02	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/10/18 21:02	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/10/18 21:02	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/10/18 21:02	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/10/18 21:02	1
2-Hexanone	ND		5.0	1.2	ug/L			08/10/18 21:02	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/10/18 21:02	1
Acetone	ND		10	3.0	ug/L			08/10/18 21:02	1
Benzene	ND		1.0	0.41	ug/L			08/10/18 21:02	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/10/18 21:02	1
Bromoform	ND		1.0	0.26	ug/L			08/10/18 21:02	1
Bromomethane	ND		1.0	0.69	ug/L			08/10/18 21:02	1
Carbon disulfide	0.231	J	1.0	0.19	ug/L			08/10/18 21:02	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/10/18 21:02	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/10/18 21:02	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/10/18 21:02	1
Chloroethane	ND		1.0	0.32	ug/L			08/10/18 21:02	1
Chloroform	ND		1.0	0.34	ug/L			08/10/18 21:02	1
Chloromethane	ND		1.0	0.35	ug/L			08/10/18 21:02	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/10/18 21:02	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/10/18 21:02	1
Cyclohexane	ND		1.0	0.18	ug/L			08/10/18 21:02	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/10/18 21:02	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/10/18 21:02	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/10/18 21:02	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/10/18 21:02	1
Methyl acetate	ND		2.5	1.3	ug/L			08/10/18 21:02	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/10/18 21:02	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/10/18 21:02	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/10/18 21:02	1
Styrene	ND		1.0	0.73	ug/L			08/10/18 21:02	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/10/18 21:02	1
Toluene	ND		1.0	0.51	ug/L			08/10/18 21:02	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/10/18 21:02	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/10/18 21:02	1
Trichloroethene	ND		1.0	0.46	ug/L			08/10/18 21:02	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/10/18 21:02	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/10/18 21:02	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/10/18 21:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		80 - 120		08/10/18 21:02	1
1,2-Dichloroethane-d4 (Surr)	87		77 - 120		08/10/18 21:02	1
4-Bromofluorobenzene (Surr)	89		73 - 120		08/10/18 21:02	1
Dibromofluoromethane (Surr)	85		75 - 123		08/10/18 21:02	1

Lab Sample ID: LCS 480-429131/6
Matrix: Water
Analysis Batch: 429131

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	25.0	24.8		ug/L		99	73 - 126
1,1,2,2-Tetrachloroethane	25.0	29.1		ug/L		117	76 - 120
1,1,2-Trichloroethane	25.0	25.1		ug/L		100	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.1		ug/L		104	61 - 148
1,1-Dichloroethane	25.0	26.4		ug/L		106	77 - 120
1,1-Dichloroethene	25.0	24.8		ug/L		99	66 - 127
1,2,4-Trichlorobenzene	25.0	21.5		ug/L		86	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.5		ug/L		94	56 - 134
1,2-Dichlorobenzene	25.0	24.4		ug/L		98	80 - 124
1,2-Dichloroethane	25.0	23.2		ug/L		93	75 - 120
1,2-Dichloropropane	25.0	26.9		ug/L		107	76 - 120
1,3-Dichlorobenzene	25.0	25.9		ug/L		103	77 - 120
1,4-Dichlorobenzene	25.0	25.6		ug/L		103	80 - 120
2-Butanone (MEK)	125	148		ug/L		119	57 - 140
2-Hexanone	125	151		ug/L		120	65 - 127
4-Methyl-2-pentanone (MIBK)	125	145		ug/L		116	71 - 125
Acetone	125	141		ug/L		113	56 - 142
Benzene	25.0	25.1		ug/L		100	71 - 124
Bromodichloromethane	25.0	25.1		ug/L		100	80 - 122
Bromoform	25.0	21.8		ug/L		87	61 - 132
Bromomethane	25.0	22.2		ug/L		89	55 - 144
Carbon disulfide	25.0	26.9		ug/L		108	59 - 134
Carbon tetrachloride	25.0	24.5		ug/L		98	72 - 134
Chlorobenzene	25.0	24.1		ug/L		96	80 - 120
Dibromochloromethane	25.0	22.4		ug/L		90	75 - 125
Chloroethane	25.0	27.3		ug/L		109	69 - 136
Chloroform	25.0	24.1		ug/L		96	73 - 127
Chloromethane	25.0	22.8		ug/L		91	68 - 124
cis-1,2-Dichloroethene	25.0	23.2		ug/L		93	74 - 124
cis-1,3-Dichloropropene	25.0	25.3		ug/L		101	74 - 124
Cyclohexane	25.0	31.8		ug/L		127	59 - 135
Dichlorodifluoromethane	25.0	21.2		ug/L		85	59 - 135
Ethylbenzene	25.0	25.8		ug/L		103	77 - 123
1,2-Dibromoethane	25.0	23.5		ug/L		94	77 - 120
Isopropylbenzene	25.0	29.4		ug/L		118	77 - 122
Methyl acetate	50.0	59.7		ug/L		119	74 - 133
Methyl tert-butyl ether	25.0	23.8		ug/L		95	77 - 120
Methylcyclohexane	25.0	26.9		ug/L		108	68 - 134
Methylene Chloride	25.0	24.9		ug/L		100	75 - 124
Styrene	25.0	25.7		ug/L		103	80 - 120
Tetrachloroethene	25.0	21.8		ug/L		87	74 - 122
Toluene	25.0	25.0		ug/L		100	80 - 122
trans-1,2-Dichloroethene	25.0	25.1		ug/L		100	73 - 127

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

Lab Sample ID: LCS 480-429131/6
Matrix: Water
Analysis Batch: 429131

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
trans-1,3-Dichloropropene			25.0	23.9		ug/L		96	80 - 120		
Trichloroethene			25.0	25.0		ug/L		100	74 - 123		
Trichlorofluoromethane			25.0	22.7		ug/L		91	62 - 150		
Vinyl chloride			25.0	19.9		ug/L		80	65 - 133		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*94*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*
4-Bromofluorobenzene (Surr)	*86*		*73 - 120*
Dibromofluoromethane (Surr)	*89*		*75 - 123*

QC Association Summary

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-140169-1

GC/MS VOA

Analysis Batch: 429131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-140169-1	MW-4R	Total/NA	Water	8260C	
MB 480-429131/8	Method Blank	Total/NA	Water	8260C	
LCS 480-429131/6	Lab Control Sample	Total/NA	Water	8260C	

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-140169-1

Client Sample ID: MW-4R
Date Collected: 08/07/18 12:40
Date Received: 08/09/18 16:05

Lab Sample ID: 480-140169-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	429131	08/11/18 03:34	KMN	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-140169-1

Laboratory: TestAmerica Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-19

Method Summary

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-140169-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF

Protocol References:

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

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-140169-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-140169-1	MW-4R	Water	08/07/18 12:40	08/09/18 16:05

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

480-140169 COC

Client Information

Client Contact: Mr. Andrew Benkleman	Sampler: ANDREW BENKLEMAN	Lab PM: Deyo, Melissa L	Carrier Tracking No(s):	COC No: 480-116364-26897.1
	Phone:	E-Mail: melissa.deyo@testamericainc.com		Page: Page 1 of 1
Company: LaBella Associates DPC				Job #: 2171946
Address: 300 Pearl Street Suite 130	Due Date Requested:			
City: Buffalo	TAT Requested (days):			
State, Zip: NY, 14202				
Phone: 716-768-3184(Tel)	PO #: Purchase Order Requested			
Email: abenkleman@labellapc.com	WO #:			
Project Name: Edgewood Warehouse, Dunkirk,NY	Project #: 48018543 2171946			
Site: 320 S. ROBERTS RD, DUNKIRK	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL VOCs	8270D_SIM_MS_ID - 1,4-Dioxane	PFC_IDA - PFAS_Standard List (21 analytes)	Total Number of containers	Special Instructions/Note:
				Preservation Code:			A	N	N		
MW-4R	8/7/18	1240	G	Water			X	X	X		VOCs ONLY
TRIP BLANK	—	—	G	Water			X				

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown* ☐ *Radiological*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☒ *Disposal By Lab* ☐ *Archive For* ______ *Months*

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:		Method of Shipment:	
Relinquished by: [signature]	Date/Time: 8/8/18	Company: LABELLA	Received by: [signature]	Date/Time: 8.9.18 1500	Company: TAC
Relinquished by: [signature]	Date/Time: 8.9.18 1605	Company: TAC	Received by: [signature]	Date/Time: 8/9/18 16:05	Company: TAB
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 3.8 [initials]		

Ver: 08/04/2016

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-140169-1

Login Number: 140169

List Source: TestAmerica Buffalo

List Number: 1

Creator: Stopa, Erik S

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	LABELL A
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-143040-1
Client Project/Site: Edgewood Warehouse, Dunkirk,NY

For:
LaBella Associates DPC
300 Pearl Street
Suite 130
Buffalo, New York 14202

Attn: Mr. Andrew Benkleman

Melissa Deyo

Authorized for release by:
10/18/2018 10:47:43 AM

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

Table of Contents

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
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.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Case Narrative

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-143040-1

Job ID: 480-143040-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-143040-1

Receipt
The samples were received on 10/5/2018 5:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.5º C.

Receipt Exceptions
The following samples were not listed on the COC: TP-22 AREA: FLOOR -3 (480-143040-24), TP-22 AREA: SIDEWALL-4 (480-143040-25), TP-22 AREA:SIDEWALL-5 (480-143040-26), TP-22 AREA: SIDEWALL-6 (480-143040-27) and TP-22 AREA: SIDEWALL-7 (480-143040-28). The sample date, time and analysis were taken off the sample labels.

GC/MS Semi VOA
Method(s) 8270D: The following samples were diluted due to color, appearance and viscosity: SIDEWALL 2: TP-22 AREA (480-143040-3), DUP-1 (480-143040-4), TP-22 AREA: SIDEWALL-4 (480-143040-25) and TP-22 AREA: SIDEWALL-7 (480-143040-28). Elevated reporting limits (RL) are provided.

Method(s) 8270D: The following samples required a dilution due to physical characteristics: DUP-1 (480-143040-4) and TP-22 AREA: SIDEWALL-7 (480-143040-28). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

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

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

Organic Prep
Method(s) 3550C: The following sample: TP-22 AREA: FLOOR -3 (480-143040-24) was decanted prior to preparation.

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

Detection Summary

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-143040-1

Client Sample ID: FLOOR-1: TP-22 AREA — Lab Sample ID: 480-143040-1

No Detections.

Client Sample ID: SIDEWALL 1: TP-22 AREA — Lab Sample ID: 480-143040-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	81	J	200	21	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	57	J	200	29	ug/Kg	1	☼	8270D	Total/NA
Pyrene	62	J	200	23	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: SIDEWALL 2: TP-22 AREA — Lab Sample ID: 480-143040-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	500	J	2100	270	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]anthracene	2900		2100	210	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]pyrene	2800		2100	310	ug/Kg	10	☼	8270D	Total/NA
Benzo[b]fluoranthene	3300		2100	330	ug/Kg	10	☼	8270D	Total/NA
Benzo[g,h,i]perylene	1800	J	2100	220	ug/Kg	10	☼	8270D	Total/NA
Benzo[k]fluoranthene	1800	J	2100	270	ug/Kg	10	☼	8270D	Total/NA
Chrysene	2500		2100	470	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	5000		2100	220	ug/Kg	10	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	1700	J	2100	260	ug/Kg	10	☼	8270D	Total/NA
Phenanthrene	1500	J	2100	310	ug/Kg	10	☼	8270D	Total/NA
Pyrene	4200		2100	250	ug/Kg	10	☼	8270D	Total/NA

Client Sample ID: DUP-1 — Lab Sample ID: 480-143040-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	500	J	3900	500	ug/Kg	20	☼	8270D	Total/NA
Benzo[a]anthracene	3400	J	3900	390	ug/Kg	20	☼	8270D	Total/NA
Benzo[a]pyrene	2500	J	3900	570	ug/Kg	20	☼	8270D	Total/NA
Benzo[b]fluoranthene	3800	J	3900	610	ug/Kg	20	☼	8270D	Total/NA
Benzo[g,h,i]perylene	1900	J	3900	410	ug/Kg	20	☼	8270D	Total/NA
Chrysene	2400	J	3900	860	ug/Kg	20	☼	8270D	Total/NA
Fluoranthene	4900		3900	410	ug/Kg	20	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	1500	J	3900	480	ug/Kg	20	☼	8270D	Total/NA
Phenanthrene	1800	J	3900	570	ug/Kg	20	☼	8270D	Total/NA
Pyrene	4700		3900	460	ug/Kg	20	☼	8270D	Total/NA

Client Sample ID: FLOOR 2: TP-22 AREA — Lab Sample ID: 480-143040-5

No Detections.

Client Sample ID: SIDEWALL 3: TP-22 AREA — Lab Sample ID: 480-143040-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	40	J	200	21	ug/Kg	1	☼	8270D	Total/NA
Pyrene	35	J	200	24	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: SIDEWALL 1: TP-4 AREA — Lab Sample ID: 480-143040-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.8		2.3	0.47	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-143040-1

Client Sample ID: SIDEWALL 2: TP-4 AREA — Lab Sample ID: 480-143040-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	17.5		2.3	0.46	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: DUP-2 — Lab Sample ID: 480-143040-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	28.1		2.3	0.45	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SIDEWALL 3: TP-4 AREA — Lab Sample ID: 480-143040-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	11.1		2.5	0.50	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SIDEWALL 4: TP-4 AREA — Lab Sample ID: 480-143040-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	12.6		2.5	0.49	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: FLOOR 1: TP-4 AREA — Lab Sample ID: 480-143040-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	13.9		2.4	0.48	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: FLOOR 2: TP-4 AREA — Lab Sample ID: 480-143040-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	12.4		2.3	0.45	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SIDEWALL 8: TP-4 AREA — Lab Sample ID: 480-143040-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	16.6		2.9	0.57	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SIDEWALL 5: TP-4 AREA — Lab Sample ID: 480-143040-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	14.4		2.2	0.43	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SIDEWALL 6: TP-4 AREA — Lab Sample ID: 480-143040-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.1		2.4	0.48	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SIDEWALL 7: TP-4 AREA — Lab Sample ID: 480-143040-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.1		2.1	0.42	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: FLOOR 1: MW-6 AREA — Lab Sample ID: 480-143040-18

This Detection Summary does not include radiochemical test results.

Client Sample ID: FLOOR 1: MW-6 AREA (Continued) — Lab Sample ID: 480-143040-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.012	J	0.019	0.0079	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SIDEWALL-1: MW-6 AREA — Lab Sample ID: 480-143040-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.17		0.020	0.0082	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SIDEWALL-2: MW-6 AREA — Lab Sample ID: 480-143040-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.14		0.021	0.0084	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SIDEWALL-3: MW-6 AREA — Lab Sample ID: 480-143040-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.17		0.022	0.0089	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SIDEWALL-4: MW-6 AREA — Lab Sample ID: 480-143040-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.027		0.022	0.0087	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: DUP-3 — Lab Sample ID: 480-143040-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.019	J	0.021	0.0084	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP-22 AREA: FLOOR -3 — Lab Sample ID: 480-143040-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,4-Dimethylphenol	150	J	170	42	ug/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	250		170	35	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	150	J	170	26	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	170		170	23	ug/Kg	1	☼	8270D	Total/NA
Anthracene	860		170	43	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	1800		170	17	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	1700		170	26	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	2000		170	28	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	1400		170	18	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	1000		170	23	ug/Kg	1	☼	8270D	Total/NA
Biphenyl	71	J	170	26	ug/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	590		170	60	ug/Kg	1	☼	8270D	Total/NA
Carbazole	330		170	21	ug/Kg	1	☼	8270D	Total/NA
Chrysene	1800		170	39	ug/Kg	1	☼	8270D	Total/NA
Dibenzofuran	490		170	21	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	4300		170	18	ug/Kg	1	☼	8270D	Total/NA
Fluorene	720		170	21	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	1100		170	22	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	770		170	23	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	4400		170	26	ug/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TP-22 AREA: FLOOR -3 (Continued) — Lab Sample ID: 480-143040-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	4100		170	21	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: TP-22 AREA: SIDEWALL-4 — Lab Sample ID: 480-143040-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	410	J	1800	280	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	620	J	1800	190	ug/Kg	10	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	320	J	1800	220	ug/Kg	10	☼	8270D	Total/NA
Pyrene	580	J	1800	210	ug/Kg	10	☼	8270D	Total/NA

Client Sample ID: TP-22 AREA:SIDEWALL-5 — Lab Sample ID: 480-143040-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,4-Dimethylphenol	130	J	180	43	ug/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	69	J	180	36	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	69	J	180	26	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	86	J	180	23	ug/Kg	1	☼	8270D	Total/NA
Anthracene	490		180	44	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	1300		180	18	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	1100		180	26	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	1100		180	28	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	750		180	19	ug/Kg	1	☼	8270D	Total/NA
Caprolactam	160	J	180	53	ug/Kg	1	☼	8270D	Total/NA
Carbazole	200		180	21	ug/Kg	1	☼	8270D	Total/NA
Chrysene	1300		180	40	ug/Kg	1	☼	8270D	Total/NA
Dibenzofuran	130	J	180	21	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	3300		180	19	ug/Kg	1	☼	8270D	Total/NA
Fluorene	270		180	21	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	680		180	22	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	1400		180	23	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	2600		180	26	ug/Kg	1	☼	8270D	Total/NA
Pyrene	2900		180	21	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: TP-22 AREA: SIDEWALL-6 — Lab Sample ID: 480-143040-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	170	J	180	18	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	170	J	180	26	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	200		180	28	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	160	J	180	19	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	120	J	180	23	ug/Kg	1	☼	8270D	Total/NA
Carbazole	22	J	180	21	ug/Kg	1	☼	8270D	Total/NA
Chrysene	190		180	39	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	370		180	19	ug/Kg	1	☼	8270D	Total/NA
Fluorene	24	J	180	21	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	120	J	180	22	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	230		180	26	ug/Kg	1	☼	8270D	Total/NA
Pyrene	390		180	21	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: TP-22 AREA: SIDEWALL-7 — Lab Sample ID: 480-143040-28

This Detection Summary does not include radiochemical test results.

Client Sample ID: TP-22 AREA: SIDEWALL-7 (Continued)

Lab Sample ID: 480-143040-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	1800	J	3500	520	ug/Kg	20	☼	8270D	Total/NA
Acenaphthylene	590	J	3500	460	ug/Kg	20	☼	8270D	Total/NA
Anthracene	3900		3500	880	ug/Kg	20	☼	8270D	Total/NA
Benzo[a]anthracene	12000		3500	350	ug/Kg	20	☼	8270D	Total/NA
Benzo[a]pyrene	10000		3500	520	ug/Kg	20	☼	8270D	Total/NA
Benzo[b]fluoranthene	14000		3500	560	ug/Kg	20	☼	8270D	Total/NA
Benzo[g,h,i]perylene	6900		3500	380	ug/Kg	20	☼	8270D	Total/NA
Benzo[k]fluoranthene	6100		3500	460	ug/Kg	20	☼	8270D	Total/NA
Carbazole	2900	J	3500	420	ug/Kg	20	☼	8270D	Total/NA
Chrysene	11000		3500	790	ug/Kg	20	☼	8270D	Total/NA
Dibenzofuran	1200	J	3500	420	ug/Kg	20	☼	8270D	Total/NA
Fluoranthene	27000		3500	380	ug/Kg	20	☼	8270D	Total/NA
Fluorene	1600	J	3500	420	ug/Kg	20	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	6100		3500	440	ug/Kg	20	☼	8270D	Total/NA
Naphthalene	2100	J	3500	460	ug/Kg	20	☼	8270D	Total/NA
Phenanthrene	20000		3500	520	ug/Kg	20	☼	8270D	Total/NA
Pyrene	21000		3500	420	ug/Kg	20	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-143040-1

Client Sample ID: FLOOR-1: TP-22 AREA
Date Collected: 10/03/18 09:00
Date Received: 10/05/18 17:30

Lab Sample ID: 480-143040-1
Matrix: Solid
Percent Solids: 81.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		200	55	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
2,4,6-Trichlorophenol	ND		200	41	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
2,4-Dichlorophenol	ND		200	22	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
2,4-Dimethylphenol	ND		200	49	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
2,4-Dinitrophenol	ND		2000	940	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
2,4-Dinitrotoluene	ND		200	42	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
2,6-Dinitrotoluene	ND		200	24	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
2-Chloronaphthalene	ND		200	34	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
2-Chlorophenol	ND		200	37	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
2-Methylnaphthalene	ND		200	41	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
2-Methylphenol	ND		200	24	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
2-Nitroaniline	ND		400	30	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
2-Nitrophenol	ND		200	58	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
3,3'-Dichlorobenzidine	ND		400	240	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
3-Nitroaniline	ND		400	56	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
4,6-Dinitro-2-methylphenol	ND		400	200	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
4-Bromophenyl phenyl ether	ND		200	29	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
4-Chloro-3-methylphenol	ND		200	50	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
4-Chloroaniline	ND		200	50	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
4-Chlorophenyl phenyl ether	ND		200	25	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
4-Methylphenol	ND		400	24	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
4-Nitroaniline	ND		400	110	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
4-Nitrophenol	ND		400	140	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Acenaphthene	ND		200	30	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Acenaphthylene	ND		200	26	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Acetophenone	ND		200	28	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Anthracene	ND		200	50	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Atrazine	ND		200	71	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Benzaldehyde	ND	F2	200	160	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Benzo[a]anthracene	ND		200	20	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Benzo[a]pyrene	ND		200	30	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Benzo[b]fluoranthene	ND		200	32	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Benzo[g,h,i]perylene	ND		200	22	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Benzo[k]fluoranthene	ND		200	26	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Biphenyl	ND		200	30	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
bis (2-chloroisopropyl) ether	ND		200	41	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Bis(2-chloroethoxy)methane	ND		200	43	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Bis(2-chloroethyl)ether	ND		200	26	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Bis(2-ethylhexyl) phthalate	ND		200	70	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Butyl benzyl phthalate	ND		200	34	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Caprolactam	ND		200	61	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Carbazole	ND		200	24	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Chrysene	ND		200	46	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Dibenz(a,h)anthracene	ND		200	36	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Dibenzofuran	ND		200	24	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Diethyl phthalate	ND		200	26	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Dimethyl phthalate	ND		200	24	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Di-n-butyl phthalate	ND		200	35	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Di-n-octyl phthalate	ND		200	24	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1

Client Sample ID: FLOOR-1: TP-22 AREA

Lab Sample ID: 480-143040-1
Date Collected: 10/03/18 09:00
Matrix: Solid
Date Received: 10/05/18 17:30
Percent Solids: 81.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		200	22	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Fluorene	ND		200	24	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Hexachlorobenzene	ND		200	28	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Hexachlorobutadiene	ND		200	30	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Hexachlorocyclopentadiene	ND		200	28	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Hexachloroethane	ND		200	26	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Indeno[1,2,3-cd]pyrene	ND		200	25	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Isophorone	ND		200	43	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Naphthalene	ND		200	26	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Nitrobenzene	ND		200	23	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
N-Nitrosodi-n-propylamine	ND		200	35	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
N-Nitrosodiphenylamine	ND		200	170	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Pentachlorophenol	ND		400	200	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Phenanthrene	ND		200	30	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Phenol	ND		200	31	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1
Pyrene	ND		200	24	ug/Kg	☼	10/10/18 14:17	10/12/18 22:46	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*2500*	*T J*	*ug/Kg*	☼	*1.60*		*10/10/18 14:17*	*10/12/18 22:46*	*1*
Unknown	*320*	*T J*	*ug/Kg*	☼	*1.70*		*10/10/18 14:17*	*10/12/18 22:46*	*1*
Unknown	*4600*	*T J*	*ug/Kg*	☼	*1.97*		*10/10/18 14:17*	*10/12/18 22:46*	*1*
Unknown	*17000*	*T J*	*ug/Kg*	☼	*2.09*		*10/10/18 14:17*	*10/12/18 22:46*	*1*
1-Eicosanol	*170*	*T J N*	*ug/Kg*	☼	*13.92*	*629-96-9*	*10/10/18 14:17*	*10/12/18 22:46*	*1*
Cycloeicosane	*210*	*T J N*	*ug/Kg*	☼	*14.50*	*296-56-0*	*10/10/18 14:17*	*10/12/18 22:46*	*1*
Unknown	*180*	*T J*	*ug/Kg*	☼	*15.69*		*10/10/18 14:17*	*10/12/18 22:46*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*54 - 120*	*10/10/18 14:17*	*10/12/18 22:46*	*1*
2-Fluorobiphenyl	*76*		*60 - 120*	*10/10/18 14:17*	*10/12/18 22:46*	*1*
2-Fluorophenol (Surr)	*66*		*52 - 120*	*10/10/18 14:17*	*10/12/18 22:46*	*1*
Nitrobenzene-d5 (Surr)	*71*		*53 - 120*	*10/10/18 14:17*	*10/12/18 22:46*	*1*
Phenol-d5 (Surr)	*71*		*54 - 120*	*10/10/18 14:17*	*10/12/18 22:46*	*1*
p-Terphenyl-d14 (Surr)	*106*		*65 - 121*	*10/10/18 14:17*	*10/12/18 22:46*	*1*

Client Sample ID: SIDEWALL 1: TP-22 AREA

Lab Sample ID: 480-143040-2
Date Collected: 10/03/18 12:00
Matrix: Solid
Date Received: 10/05/18 17:30
Percent Solids: 85.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		200	54	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
2,4,6-Trichlorophenol	ND		200	40	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
2,4-Dichlorophenol	ND		200	21	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
2,4-Dimethylphenol	ND		200	48	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
2,4-Dinitrophenol	ND		1900	910	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
2,4-Dinitrotoluene	ND		200	41	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
2,6-Dinitrotoluene	ND		200	23	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
2-Chloronaphthalene	ND		200	33	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
2-Chlorophenol	ND		200	36	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
2-Methylnaphthalene	ND		200	40	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-143040-1

Client Sample ID: SIDEWALL 1: TP-22 AREA
Date Collected: 10/03/18 12:00
Date Received: 10/05/18 17:30

Lab Sample ID: 480-143040-2
Matrix: Solid
Percent Solids: 85.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		200	23	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
2-Nitroaniline	ND		380	29	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
2-Nitrophenol	ND		200	56	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
3,3'-Dichlorobenzidine	ND		380	230	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
3-Nitroaniline	ND		380	55	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
4,6-Dinitro-2-methylphenol	ND		380	200	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
4-Bromophenyl phenyl ether	ND		200	28	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
4-Chloro-3-methylphenol	ND		200	49	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
4-Chloroaniline	ND		200	49	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
4-Chlorophenyl phenyl ether	ND		200	24	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
4-Methylphenol	ND		380	23	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
4-Nitroaniline	ND		380	100	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
4-Nitrophenol	ND		380	140	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Acenaphthene	ND		200	29	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Acenaphthylene	ND		200	26	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Acetophenone	ND		200	27	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Anthracene	ND		200	49	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Atrazine	ND		200	69	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Benzaldehyde	ND		200	160	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Benzo[a]anthracene	ND		200	20	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Benzo[a]pyrene	ND		200	29	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Benzo[b]fluoranthene	ND		200	31	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Benzo[g,h,i]perylene	ND		200	21	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Benzo[k]fluoranthene	ND		200	26	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Biphenyl	ND		200	29	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
bis (2-chloroisopropyl) ether	ND		200	40	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Bis(2-chloroethoxy)methane	ND		200	42	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Bis(2-chloroethyl)ether	ND		200	26	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Bis(2-ethylhexyl) phthalate	ND		200	68	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Butyl benzyl phthalate	ND		200	33	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Caprolactam	ND		200	59	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Carbazole	ND		200	23	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Chrysene	ND		200	44	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Dibenz(a,h)anthracene	ND		200	35	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Dibenzofuran	ND		200	23	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Diethyl phthalate	ND		200	26	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Dimethyl phthalate	ND		200	23	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Di-n-butyl phthalate	ND		200	34	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Di-n-octyl phthalate	ND		200	23	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Fluoranthene	**81**	**J**	200	21	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Fluorene	ND		200	23	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Hexachlorobenzene	ND		200	27	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Hexachlorobutadiene	ND		200	29	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Hexachlorocyclopentadiene	ND		200	27	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Hexachloroethane	ND		200	26	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Indeno[1,2,3-cd]pyrene	ND		200	24	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Isophorone	ND		200	42	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Naphthalene	ND		200	26	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Nitrobenzene	ND		200	22	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1

Client Sample ID: SIDEWALL 1: TP-22 AREA

Lab Sample ID: 480-143040-2

Date Collected: 10/03/18 12:00
Matrix: Solid
Date Received: 10/05/18 17:30
Percent Solids: 85.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		200	34	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
N-Nitrosodiphenylamine	ND		200	160	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Pentachlorophenol	ND		380	200	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Phenanthrene	**57**	**J**	200	29	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Phenol	ND		200	30	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1
Pyrene	**62**	**J**	200	23	ug/Kg	☼	10/10/18 14:17	10/12/18 23:13	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*5100*	*T J*	*ug/Kg*	☼	*1.61*		*10/10/18 14:17*	*10/12/18 23:13*	*1*
Unknown	*320*	*T J*	*ug/Kg*	☼	*1.70*		*10/10/18 14:17*	*10/12/18 23:13*	*1*
Unknown	*6200*	*T J*	*ug/Kg*	☼	*1.97*		*10/10/18 14:17*	*10/12/18 23:13*	*1*
Unknown	*14000*	*T J*	*ug/Kg*	☼	*2.09*		*10/10/18 14:17*	*10/12/18 23:13*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*80*		*54 - 120*	*10/10/18 14:17*	*10/12/18 23:13*	*1*
2-Fluorobiphenyl	*81*		*60 - 120*	*10/10/18 14:17*	*10/12/18 23:13*	*1*
2-Fluorophenol (Surr)	*67*		*52 - 120*	*10/10/18 14:17*	*10/12/18 23:13*	*1*
Nitrobenzene-d5 (Surr)	*75*		*53 - 120*	*10/10/18 14:17*	*10/12/18 23:13*	*1*
Phenol-d5 (Surr)	*72*		*54 - 120*	*10/10/18 14:17*	*10/12/18 23:13*	*1*
p-Terphenyl-d14 (Surr)	*105*		*65 - 121*	*10/10/18 14:17*	*10/12/18 23:13*	*1*

Client Sample ID: SIDEWALL 2: TP-22 AREA

Lab Sample ID: 480-143040-3

Date Collected: 10/03/18 12:10
Matrix: Solid
Date Received: 10/05/18 17:30
Percent Solids: 81.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		2100	560	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
2,4,6-Trichlorophenol	ND		2100	420	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
2,4-Dichlorophenol	ND		2100	220	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
2,4-Dimethylphenol	ND		2100	500	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
2,4-Dinitrophenol	ND		20000	9600	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
2,4-Dinitrotoluene	ND		2100	430	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
2,6-Dinitrotoluene	ND		2100	250	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
2-Chloronaphthalene	ND		2100	340	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
2-Chlorophenol	ND		2100	380	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
2-Methylnaphthalene	ND		2100	420	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
2-Methylphenol	ND		2100	250	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
2-Nitroaniline	ND		4000	310	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
2-Nitrophenol	ND		2100	590	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
3,3'-Dichlorobenzidine	ND		4000	2500	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
3-Nitroaniline	ND		4000	580	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
4,6-Dinitro-2-methylphenol	ND		4000	2100	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
4-Bromophenyl phenyl ether	ND		2100	290	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
4-Chloro-3-methylphenol	ND		2100	520	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
4-Chloroaniline	ND		2100	520	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
4-Chlorophenyl phenyl ether	ND		2100	260	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
4-Methylphenol	ND		4000	250	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
4-Nitroaniline	ND		4000	1100	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
4-Nitrophenol	ND		4000	1500	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-143040-1

Client Sample ID: SIDEWALL 2: TP-22 AREA
Date Collected: 10/03/18 12:10
Date Received: 10/05/18 17:30

Lab Sample ID: 480-143040-3
Matrix: Solid
Percent Solids: 81.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		2100	310	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Acenaphthylene	**500**	**J**	2100	270	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Acetophenone	ND		2100	280	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Anthracene	ND		2100	520	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Atrazine	ND		2100	720	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Benzaldehyde	ND		2100	1700	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Benzo[a]anthracene	**2900**		2100	210	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Benzo[a]pyrene	**2800**		2100	310	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Benzo[b]fluoranthene	**3300**		2100	330	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Benzo[g,h,i]perylene	**1800**	**J**	2100	220	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Benzo[k]fluoranthene	**1800**	**J**	2100	270	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Biphenyl	ND		2100	310	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
bis (2-chloroisopropyl) ether	ND		2100	420	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Bis(2-chloroethoxy)methane	ND		2100	440	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Bis(2-chloroethyl)ether	ND		2100	270	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Bis(2-ethylhexyl) phthalate	ND		2100	710	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Butyl benzyl phthalate	ND		2100	340	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Caprolactam	ND		2100	630	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Carbazole	ND		2100	250	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Chrysene	**2500**		2100	470	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Dibenz(a,h)anthracene	ND		2100	370	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Dibenzofuran	ND		2100	250	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Diethyl phthalate	ND		2100	270	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Dimethyl phthalate	ND		2100	250	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Di-n-butyl phthalate	ND		2100	360	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Di-n-octyl phthalate	ND		2100	250	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Fluoranthene	**5000**		2100	220	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Fluorene	ND		2100	250	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Hexachlorobenzene	ND		2100	280	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Hexachlorobutadiene	ND		2100	310	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Hexachlorocyclopentadiene	ND		2100	280	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Hexachloroethane	ND		2100	270	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Indeno[1,2,3-cd]pyrene	**1700**	**J**	2100	260	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Isophorone	ND		2100	440	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Naphthalene	ND		2100	270	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Nitrobenzene	ND		2100	230	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
N-Nitrosodi-n-propylamine	ND		2100	360	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
N-Nitrosodiphenylamine	ND		2100	1700	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Pentachlorophenol	ND		4000	2100	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Phenanthrene	**1500**	**J**	2100	310	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Phenol	ND		2100	320	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10
Pyrene	**4200**		2100	250	ug/Kg	☼	10/10/18 14:17	10/12/18 23:41	10

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*12000*	*T J*	*ug/Kg*	☼	*1.98*		*10/10/18 14:17*	*10/12/18 23:41*	*10*
Unknown	*23000*	*T J*	*ug/Kg*	☼	*2.09*		*10/10/18 14:17*	*10/12/18 23:41*	*10*
Unknown	*2100*	*T J*	*ug/Kg*	☼	*15.52*		*10/10/18 14:17*	*10/12/18 23:41*	*10*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*82*		*54 - 120*	*10/10/18 14:17*	*10/12/18 23:41*	*10*

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-143040-1

Client Sample ID: SIDEWALL 2: TP-22 AREA

Lab Sample ID: 480-143040-3
Date Collected: 10/03/18 12:10
Matrix: Solid
Date Received: 10/05/18 17:30
Percent Solids: 81.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*93*		*60 - 120*	*10/10/18 14:17*	*10/12/18 23:41*	*10*
2-Fluorophenol (Surr)	*69*		*52 - 120*	*10/10/18 14:17*	*10/12/18 23:41*	*10*
Nitrobenzene-d5 (Surr)	*71*		*53 - 120*	*10/10/18 14:17*	*10/12/18 23:41*	*10*
Phenol-d5 (Surr)	*84*		*54 - 120*	*10/10/18 14:17*	*10/12/18 23:41*	*10*
p-Terphenyl-d14 (Surr)	*98*		*65 - 121*	*10/10/18 14:17*	*10/12/18 23:41*	*10*

Client Sample ID: DUP-1

Lab Sample ID: 480-143040-4
Date Collected: 10/03/18 12:30
Matrix: Solid
Date Received: 10/05/18 17:30
Percent Solids: 86.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		3900	1000	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
2,4,6-Trichlorophenol	ND		3900	770	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
2,4-Dichlorophenol	ND		3900	410	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
2,4-Dimethylphenol	ND		3900	930	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
2,4-Dinitrophenol	ND		38000	18000	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
2,4-Dinitrotoluene	ND		3900	800	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
2,6-Dinitrotoluene	ND		3900	460	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
2-Chloronaphthalene	ND		3900	640	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
2-Chlorophenol	ND		3900	710	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
2-Methylnaphthalene	ND		3900	770	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
2-Methylphenol	ND		3900	460	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
2-Nitroaniline	ND		7500	570	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
2-Nitrophenol	ND		3900	1100	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
3,3'-Dichlorobenzidine	ND		7500	4600	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
3-Nitroaniline	ND		7500	1100	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
4,6-Dinitro-2-methylphenol	ND		7500	3900	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
4-Bromophenyl phenyl ether	ND		3900	550	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
4-Chloro-3-methylphenol	ND		3900	960	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
4-Chloroaniline	ND		3900	960	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
4-Chlorophenyl phenyl ether	ND		3900	480	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
4-Methylphenol	ND		7500	460	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
4-Nitroaniline	ND		7500	2000	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
4-Nitrophenol	ND		7500	2700	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Acenaphthene	ND		3900	570	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Acenaphthylene	**500**	**J**	3900	500	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Acetophenone	ND		3900	520	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Anthracene	ND		3900	960	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Atrazine	ND		3900	1300	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Benzaldehyde	ND		3900	3100	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Benzo[a]anthracene	**3400**	**J**	3900	390	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Benzo[a]pyrene	**2500**	**J**	3900	570	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Benzo[b]fluoranthene	**3800**	**J**	3900	610	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Benzo[g,h,i]perylene	**1900**	**J**	3900	410	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Benzo[k]fluoranthene	ND		3900	500	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Biphenyl	ND		3900	570	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
bis (2-chloroisopropyl) ether	ND		3900	770	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Bis(2-chloroethoxy)methane	ND		3900	820	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20

Client Sample ID: DUP-1

Lab Sample ID: 480-143040-4

Date Collected: 10/03/18 12:30
Matrix: Solid
Date Received: 10/05/18 17:30
Percent Solids: 86.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	ND		3900	500	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Bis(2-ethylhexyl) phthalate	ND		3900	1300	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Butyl benzyl phthalate	ND		3900	640	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Caprolactam	ND		3900	1200	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Carbazole	ND		3900	460	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Chrysene	**2400**	**J**	3900	860	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Dibenz(a,h)anthracene	ND		3900	680	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Dibenzofuran	ND		3900	460	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Diethyl phthalate	ND		3900	500	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Dimethyl phthalate	ND		3900	460	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Di-n-butyl phthalate	ND		3900	660	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Di-n-octyl phthalate	ND		3900	460	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Fluoranthene	**4900**		3900	410	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Fluorene	ND		3900	460	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Hexachlorobenzene	ND		3900	520	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Hexachlorobutadiene	ND		3900	570	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Hexachlorocyclopentadiene	ND		3900	520	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Hexachloroethane	ND		3900	500	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Indeno[1,2,3-cd]pyrene	**1500**	**J**	3900	480	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Isophorone	ND		3900	820	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Naphthalene	ND		3900	500	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Nitrobenzene	ND		3900	430	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
N-Nitrosodi-n-propylamine	ND		3900	660	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
N-Nitrosodiphenylamine	ND		3900	3100	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Pentachlorophenol	ND		7500	3900	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Phenanthrene	**1800**	**J**	3900	570	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Phenol	ND		3900	590	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20
Pyrene	**4700**		3900	460	ug/Kg	☼	10/10/18 14:17	10/13/18 00:09	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*26000*	*T J*	*ug/Kg*	☼	*1.97*		*10/10/18 14:17*	*10/13/18 00:09*	*20*
Unknown	*60000*	*T J*	*ug/Kg*	☼	*2.09*		*10/10/18 14:17*	*10/13/18 00:09*	*20*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*98*		*54 - 120*	*10/10/18 14:17*	*10/13/18 00:09*	*20*
2-Fluorobiphenyl	*87*		*60 - 120*	*10/10/18 14:17*	*10/13/18 00:09*	*20*
2-Fluorophenol (Surr)	*71*		*52 - 120*	*10/10/18 14:17*	*10/13/18 00:09*	*20*
Nitrobenzene-d5 (Surr)	*74*		*53 - 120*	*10/10/18 14:17*	*10/13/18 00:09*	*20*
Phenol-d5 (Surr)	*64*		*54 - 120*	*10/10/18 14:17*	*10/13/18 00:09*	*20*
p-Terphenyl-d14 (Surr)	*97*		*65 - 121*	*10/10/18 14:17*	*10/13/18 00:09*	*20*

Client Sample ID: FLOOR 2: TP-22 AREA

Lab Sample ID: 480-143040-5

Date Collected: 10/03/18 15:50
Matrix: Solid
Date Received: 10/05/18 17:30
Percent Solids: 82.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		200	55	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
2,4,6-Trichlorophenol	ND		200	41	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
2,4-Dichlorophenol	ND		200	22	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-143040-1

Client Sample ID: FLOOR 2: TP-22 AREA
Date Collected: 10/03/18 15:50
Date Received: 10/05/18 17:30

Lab Sample ID: 480-143040-5
Matrix: Solid
Percent Solids: 82.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		200	49	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
2,4-Dinitrophenol	ND		2000	940	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
2,4-Dinitrotoluene	ND		200	42	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
2,6-Dinitrotoluene	ND		200	24	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
2-Chloronaphthalene	ND		200	34	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
2-Chlorophenol	ND		200	37	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
2-Methylnaphthalene	ND		200	41	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
2-Methylphenol	ND		200	24	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
2-Nitroaniline	ND		400	30	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
2-Nitrophenol	ND		200	58	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
3,3'-Dichlorobenzidine	ND		400	240	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
3-Nitroaniline	ND		400	56	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
4,6-Dinitro-2-methylphenol	ND		400	200	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
4-Bromophenyl phenyl ether	ND		200	29	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
4-Chloro-3-methylphenol	ND		200	50	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
4-Chloroaniline	ND		200	50	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
4-Chlorophenyl phenyl ether	ND		200	25	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
4-Methylphenol	ND		400	24	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
4-Nitroaniline	ND		400	110	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
4-Nitrophenol	ND		400	140	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Acenaphthene	ND		200	30	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Acenaphthylene	ND		200	26	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Acetophenone	ND		200	28	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Anthracene	ND		200	50	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Atrazine	ND		200	71	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Benzaldehyde	ND		200	160	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Benzo[a]anthracene	ND		200	20	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Benzo[a]pyrene	ND		200	30	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Benzo[b]fluoranthene	ND		200	32	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Benzo[g,h,i]perylene	ND		200	22	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Benzo[k]fluoranthene	ND		200	26	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Biphenyl	ND		200	30	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
bis (2-chloroisopropyl) ether	ND		200	41	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Bis(2-chloroethoxy)methane	ND		200	43	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Bis(2-chloroethyl)ether	ND		200	26	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Bis(2-ethylhexyl) phthalate	ND		200	70	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Butyl benzyl phthalate	ND		200	34	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Caprolactam	ND		200	61	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Carbazole	ND		200	24	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Chrysene	ND		200	46	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Dibenz(a,h)anthracene	ND		200	36	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Dibenzofuran	ND		200	24	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Diethyl phthalate	ND		200	26	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Dimethyl phthalate	ND		200	24	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Di-n-butyl phthalate	ND		200	35	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Di-n-octyl phthalate	ND		200	24	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Fluoranthene	ND		200	22	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Fluorene	ND		200	24	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Hexachlorobenzene	ND		200	28	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1

Client Sample ID: FLOOR 2: TP-22 AREA

Lab Sample ID: 480-143040-5

Date Collected: 10/03/18 15:50
Matrix: Solid
Date Received: 10/05/18 17:30
Percent Solids: 82.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		200	30	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Hexachlorocyclopentadiene	ND		200	28	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Hexachloroethane	ND		200	26	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Indeno[1,2,3-cd]pyrene	ND		200	25	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Isophorone	ND		200	43	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Naphthalene	ND		200	26	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Nitrobenzene	ND		200	23	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
N-Nitrosodi-n-propylamine	ND		200	35	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
N-Nitrosodiphenylamine	ND		200	170	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Pentachlorophenol	ND		400	200	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Phenanthrene	ND		200	30	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Phenol	ND		200	31	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1
Pyrene	ND		200	24	ug/Kg	☼	10/10/18 14:17	10/13/18 00:37	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Cyclopentane, methyl-	*2300*	*T J N*	*ug/Kg*	☼	*1.61*	*96-37-7*	*10/10/18 14:17*	*10/13/18 00:37*	*1*
Unknown	*280*	*T J*	*ug/Kg*	☼	*1.70*		*10/10/18 14:17*	*10/13/18 00:37*	*1*
Unknown	*4400*	*T J*	*ug/Kg*	☼	*1.97*		*10/10/18 14:17*	*10/13/18 00:37*	*1*
Unknown	*16000*	*T J*	*ug/Kg*	☼	*2.09*		*10/10/18 14:17*	*10/13/18 00:37*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*54 - 120*	*10/10/18 14:17*	*10/13/18 00:37*	*1*
2-Fluorobiphenyl	*80*		*60 - 120*	*10/10/18 14:17*	*10/13/18 00:37*	*1*
2-Fluorophenol (Surr)	*68*		*52 - 120*	*10/10/18 14:17*	*10/13/18 00:37*	*1*
Nitrobenzene-d5 (Surr)	*76*		*53 - 120*	*10/10/18 14:17*	*10/13/18 00:37*	*1*
Phenol-d5 (Surr)	*76*		*54 - 120*	*10/10/18 14:17*	*10/13/18 00:37*	*1*
p-Terphenyl-d14 (Surr)	*107*		*65 - 121*	*10/10/18 14:17*	*10/13/18 00:37*	*1*

Client Sample ID: SIDEWALL 3: TP-22 AREA

Lab Sample ID: 480-143040-6

Date Collected: 10/03/18 16:00
Matrix: Solid
Date Received: 10/05/18 17:30
Percent Solids: 82.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		200	54	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
2,4,6-Trichlorophenol	ND		200	40	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
2,4-Dichlorophenol	ND		200	21	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
2,4-Dimethylphenol	ND		200	48	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
2,4-Dinitrophenol	ND		2000	930	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
2,4-Dinitrotoluene	ND		200	41	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
2,6-Dinitrotoluene	ND		200	24	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
2-Chloronaphthalene	ND		200	33	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
2-Chlorophenol	ND		200	37	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
2-Methylnaphthalene	ND		200	40	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
2-Methylphenol	ND		200	24	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
2-Nitroaniline	ND		390	30	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
2-Nitrophenol	ND		200	57	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
3,3'-Dichlorobenzidine	ND		390	240	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
3-Nitroaniline	ND		390	55	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
4,6-Dinitro-2-methylphenol	ND		390	200	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-143040-1

Client Sample ID: SIDEWALL 3: TP-22 AREA
Date Collected: 10/03/18 16:00
Date Received: 10/05/18 17:30

Lab Sample ID: 480-143040-6
Matrix: Solid
Percent Solids: 82.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	ND		200	28	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
4-Chloro-3-methylphenol	ND		200	50	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
4-Chloroaniline	ND		200	50	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
4-Chlorophenyl phenyl ether	ND		200	25	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
4-Methylphenol	ND		390	24	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
4-Nitroaniline	ND		390	110	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
4-Nitrophenol	ND		390	140	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Acenaphthene	ND		200	30	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Acenaphthylene	ND		200	26	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Acetophenone	ND		200	27	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Anthracene	ND		200	50	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Atrazine	ND		200	70	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Benzaldehyde	ND		200	160	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Benzo[a]anthracene	ND		200	20	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Benzo[a]pyrene	ND		200	30	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Benzo[b]fluoranthene	ND		200	32	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Benzo[g,h,i]perylene	ND		200	21	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Benzo[k]fluoranthene	ND		200	26	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Biphenyl	ND		200	30	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
bis (2-chloroisopropyl) ether	ND		200	40	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Bis(2-chloroethoxy)methane	ND		200	43	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Bis(2-chloroethyl)ether	ND		200	26	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Bis(2-ethylhexyl) phthalate	ND		200	68	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Butyl benzyl phthalate	ND		200	33	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Caprolactam	ND		200	60	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Carbazole	ND		200	24	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Chrysene	ND		200	45	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Dibenz(a,h)anthracene	ND		200	35	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Dibenzofuran	ND		200	24	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Diethyl phthalate	ND		200	26	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Dimethyl phthalate	ND		200	24	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Di-n-butyl phthalate	ND		200	34	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Di-n-octyl phthalate	ND		200	24	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Fluoranthene	**40**	**J**	200	21	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Fluorene	ND		200	24	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Hexachlorobenzene	ND		200	27	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Hexachlorobutadiene	ND		200	30	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Hexachlorocyclopentadiene	ND		200	27	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Hexachloroethane	ND		200	26	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Indeno[1,2,3-cd]pyrene	ND		200	25	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Isophorone	ND		200	43	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Naphthalene	ND		200	26	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Nitrobenzene	ND		200	22	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
N-Nitrosodi-n-propylamine	ND		200	34	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
N-Nitrosodiphenylamine	ND		200	160	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Pentachlorophenol	ND		390	200	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Phenanthrene	ND		200	30	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Phenol	ND		200	31	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1
Pyrene	**35**	**J**	200	24	ug/Kg	☼	10/10/18 14:17	10/13/18 01:04	1

Client Sample ID: SIDEWALL 3: TP-22 AREA

Lab Sample ID: 480-143040-6

Date Collected: 10/03/18 16:00
Matrix: Solid
Date Received: 10/05/18 17:30
Percent Solids: 82.6

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	3600	T J	ug/Kg	☼	1.61		10/10/18 14:17	10/13/18 01:04	1
Unknown	300	T J	ug/Kg	☼	1.70		10/10/18 14:17	10/13/18 01:04	1
Unknown	5700	T J	ug/Kg	☼	1.97		10/10/18 14:17	10/13/18 01:04	1
Unknown	17000	T J	ug/Kg	☼	2.09		10/10/18 14:17	10/13/18 01:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	75		54 - 120	10/10/18 14:17	10/13/18 01:04	1
2-Fluorobiphenyl	80		60 - 120	10/10/18 14:17	10/13/18 01:04	1
2-Fluorophenol (Surr)	70		52 - 120	10/10/18 14:17	10/13/18 01:04	1
Nitrobenzene-d5 (Surr)	77		53 - 120	10/10/18 14:17	10/13/18 01:04	1
Phenol-d5 (Surr)	73		54 - 120	10/10/18 14:17	10/13/18 01:04	1
p-Terphenyl-d14 (Surr)	105		65 - 121	10/10/18 14:17	10/13/18 01:04	1

Client Sample ID: SIDEWALL 1: TP-4 AREA

Lab Sample ID: 480-143040-7

Date Collected: 10/04/18 11:50
Matrix: Solid
Date Received: 10/05/18 17:30
Percent Solids: 84.6

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.8		2.3	0.47	mg/Kg	☼	10/11/18 08:58	10/11/18 15:36	1

Client Sample ID: SIDEWALL 2: TP-4 AREA

Lab Sample ID: 480-143040-8

Date Collected: 10/04/18 12:00
Matrix: Solid
Date Received: 10/05/18 17:30
Percent Solids: 88.4

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	17.5		2.3	0.46	mg/Kg	☼	10/11/18 08:58	10/11/18 15:39	1

Client Sample ID: DUP-2

Lab Sample ID: 480-143040-9

Date Collected: 10/04/18 12:15
Matrix: Solid
Date Received: 10/05/18 17:30
Percent Solids: 86.3

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	28.1		2.3	0.45	mg/Kg	☼	10/11/18 08:58	10/11/18 15:43	1

Client Sample ID: SIDEWALL 3: TP-4 AREA

Lab Sample ID: 480-143040-10

Date Collected: 10/04/18 12:10
Matrix: Solid
Date Received: 10/05/18 17:30
Percent Solids: 82.3

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11.1		2.5	0.50	mg/Kg	☼	10/11/18 08:58	10/11/18 16:03	1

Client Sample ID: SIDEWALL 4: TP-4 AREA — **Lab Sample ID: 480-143040-11**
Date Collected: 10/04/18 12:20 — Matrix: Solid
Date Received: 10/05/18 17:30 — Percent Solids: 82.0

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12.6		2.5	0.49	mg/Kg	☼	10/11/18 08:58	10/11/18 16:06	1

Client Sample ID: FLOOR 1: TP-4 AREA — **Lab Sample ID: 480-143040-12**
Date Collected: 10/04/18 12:30 — Matrix: Solid
Date Received: 10/05/18 17:30 — Percent Solids: 82.6

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13.9		2.4	0.48	mg/Kg	☼	10/11/18 08:58	10/11/18 16:10	1

Client Sample ID: FLOOR 2: TP-4 AREA — **Lab Sample ID: 480-143040-13**
Date Collected: 10/04/18 12:40 — Matrix: Solid
Date Received: 10/05/18 17:30 — Percent Solids: 91.4

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12.4		2.3	0.45	mg/Kg	☼	10/11/18 08:58	10/11/18 16:29	1

Client Sample ID: SIDEWALL 8: TP-4 AREA — **Lab Sample ID: 480-143040-14**
Date Collected: 10/04/18 15:00 — Matrix: Solid
Date Received: 10/05/18 17:30 — Percent Solids: 67.5

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	16.6		2.9	0.57	mg/Kg	☼	10/11/18 10:58	10/11/18 19:32	1

Client Sample ID: SIDEWALL 5: TP-4 AREA — **Lab Sample ID: 480-143040-15**
Date Collected: 10/04/18 15:10 — Matrix: Solid
Date Received: 10/05/18 17:30 — Percent Solids: 89.5

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	14.4		2.2	0.43	mg/Kg	☼	10/11/18 10:58	10/11/18 20:02	1

Client Sample ID: SIDEWALL 6: TP-4 AREA — **Lab Sample ID: 480-143040-16**
Date Collected: 10/04/18 15:15 — Matrix: Solid
Date Received: 10/05/18 17:30 — Percent Solids: 82.8

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.1		2.4	0.48	mg/Kg	☼	10/11/18 10:58	10/11/18 20:06	1

Client Sample ID: SIDEWALL 7: TP-4 AREA — **Lab Sample ID: 480-143040-17**
Date Collected: 10/04/18 15:20 — Matrix: Solid
Date Received: 10/05/18 17:30 — Percent Solids: 91.7

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.1		2.1	0.42	mg/Kg	☼	10/11/18 10:58	10/11/18 20:10	1

Client Sample ID: FLOOR 1: MW-6 AREA

Lab Sample ID: 480-143040-18
Date Collected: 10/05/18 10:45
Matrix: Solid
Date Received: 10/05/18 17:30
Percent Solids: 96.5

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	J	0.019	0.0079	mg/Kg	☼	10/11/18 11:15	10/11/18 13:20	1

Client Sample ID: SIDEWALL-1: MW-6 AREA

Lab Sample ID: 480-143040-19
Date Collected: 10/05/18 12:50
Matrix: Solid
Date Received: 10/05/18 17:30
Percent Solids: 97.9

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.17		0.020	0.0082	mg/Kg	☼	10/11/18 11:15	10/11/18 13:31	1

Client Sample ID: SIDEWALL-2: MW-6 AREA

Lab Sample ID: 480-143040-20
Date Collected: 10/05/18 13:00
Matrix: Solid
Date Received: 10/05/18 17:30
Percent Solids: 96.8

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.14		0.021	0.0084	mg/Kg	☼	10/11/18 11:15	10/11/18 13:32	1

Client Sample ID: SIDEWALL-3: MW-6 AREA

Lab Sample ID: 480-143040-21
Date Collected: 10/05/18 13:10
Matrix: Solid
Date Received: 10/05/18 17:30
Percent Solids: 90.4

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.17		0.022	0.0089	mg/Kg	☼	10/11/18 11:15	10/11/18 13:34	1

Client Sample ID: SIDEWALL-4: MW-6 AREA

Lab Sample ID: 480-143040-22
Date Collected: 10/05/18 13:20
Matrix: Solid
Date Received: 10/05/18 17:30
Percent Solids: 94.3

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027		0.022	0.0087	mg/Kg	☼	10/11/18 11:15	10/11/18 13:36	1

Client Sample ID: DUP-3

Lab Sample ID: 480-143040-23
Date Collected: 10/05/18 13:30
Matrix: Solid
Date Received: 10/05/18 17:30
Percent Solids: 95.3

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019	J	0.021	0.0084	mg/Kg	☼	10/11/18 11:15	10/11/18 13:37	1

Client Sample ID: TP-22 AREA: FLOOR -3

Lab Sample ID: 480-143040-24
Date Collected: 10/05/18 14:50
Matrix: Solid
Date Received: 10/05/18 17:30
Percent Solids: 95.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		170	47	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
2,4,6-Trichlorophenol	ND		170	35	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
2,4-Dichlorophenol	ND		170	18	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-143040-1

Client Sample ID: TP-22 AREA: FLOOR -3
Date Collected: 10/05/18 14:50
Date Received: 10/05/18 17:30

Lab Sample ID: 480-143040-24
Matrix: Solid
Percent Solids: 95.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	**150**	**J**	170	42	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
2,4-Dinitrophenol	ND		1700	800	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
2,4-Dinitrotoluene	ND		170	36	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
2,6-Dinitrotoluene	ND		170	21	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
2-Chloronaphthalene	ND		170	29	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
2-Chlorophenol	ND		170	32	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
2-Methylnaphthalene	**250**		170	35	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
2-Methylphenol	ND		170	21	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
2-Nitroaniline	ND		340	26	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
2-Nitrophenol	ND		170	49	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
3,3'-Dichlorobenzidine	ND		340	210	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
3-Nitroaniline	ND		340	48	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
4,6-Dinitro-2-methylphenol	ND		340	170	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
4-Bromophenyl phenyl ether	ND		170	25	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
4-Chloro-3-methylphenol	ND		170	43	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
4-Chloroaniline	ND		170	43	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
4-Chlorophenyl phenyl ether	ND		170	22	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
4-Methylphenol	ND		340	21	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
4-Nitroaniline	ND		340	91	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
4-Nitrophenol	ND		340	120	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Acenaphthene	**150**	**J**	170	26	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Acenaphthylene	**170**		170	23	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Acetophenone	ND		170	24	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Anthracene	**860**		170	43	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Atrazine	ND		170	61	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Benzaldehyde	ND		170	140	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Benzo[a]anthracene	**1800**		170	17	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Benzo[a]pyrene	**1700**		170	26	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Benzo[b]fluoranthene	**2000**		170	28	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Benzo[g,h,i]perylene	**1400**		170	18	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Benzo[k]fluoranthene	**1000**		170	23	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Biphenyl	**71**	**J**	170	26	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
bis (2-chloroisopropyl) ether	ND		170	35	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Bis(2-chloroethoxy)methane	ND		170	37	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Bis(2-chloroethyl)ether	ND		170	23	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Bis(2-ethylhexyl) phthalate	**590**		170	60	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Butyl benzyl phthalate	ND		170	29	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Caprolactam	ND		170	52	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Carbazole	**330**		170	21	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Chrysene	**1800**		170	39	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Dibenz(a,h)anthracene	ND		170	31	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Dibenzofuran	**490**		170	21	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Diethyl phthalate	ND		170	23	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Dimethyl phthalate	ND		170	21	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Di-n-butyl phthalate	ND		170	30	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Di-n-octyl phthalate	ND		170	21	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Fluoranthene	**4300**		170	18	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Fluorene	**720**		170	21	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Hexachlorobenzene	ND		170	24	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1

Client Sample ID: TP-22 AREA: FLOOR -3
Date Collected: 10/05/18 14:50
Date Received: 10/05/18 17:30

Lab Sample ID: 480-143040-24
Matrix: Solid
Percent Solids: 95.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		170	26	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Hexachlorocyclopentadiene	ND		170	24	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Hexachloroethane	ND		170	23	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Indeno[1,2,3-cd]pyrene	**1100**		170	22	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Isophorone	ND		170	37	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Naphthalene	**770**		170	23	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Nitrobenzene	ND		170	19	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
N-Nitrosodi-n-propylamine	ND		170	30	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
N-Nitrosodiphenylamine	ND		170	140	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Pentachlorophenol	ND		340	170	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Phenanthrene	**4400**		170	26	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Phenol	ND		170	27	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1
Pyrene	**4100**		170	21	ug/Kg	☼	10/10/18 14:17	10/13/18 01:31	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*260*	*T J*	*ug/Kg*	☼	*1.71*		*10/10/18 14:17*	*10/13/18 01:31*	*1*
Unknown	*360*	*T J*	*ug/Kg*	☼	*1.96*		*10/10/18 14:17*	*10/13/18 01:31*	*1*
Unknown	*6300*	*T J*	*ug/Kg*	☼	*2.09*		*10/10/18 14:17*	*10/13/18 01:31*	*1*
Unknown	*970*	*T J*	*ug/Kg*	☼	*4.58*		*10/10/18 14:17*	*10/13/18 01:31*	*1*
Naphthalene, 1-methyl-	*210*	*T J N*	*ug/Kg*	☼	*9.14*	*90-12-0*	*10/10/18 14:17*	*10/13/18 01:31*	*1*
Naphthalene, 2,6-dimethyl-	*240*	*T J N*	*ug/Kg*	☼	*9.85*	*581-42-0*	*10/10/18 14:17*	*10/13/18 01:31*	*1*
Naphthalene, 1,5-dimethyl-	*200*	*T J N*	*ug/Kg*	☼	*9.88*	*571-61-9*	*10/10/18 14:17*	*10/13/18 01:31*	*1*
Unknown	*190*	*T J*	*ug/Kg*	☼	*10.68*		*10/10/18 14:17*	*10/13/18 01:31*	*1*
Dibenzothiophene	*270*	*T J N*	*ug/Kg*	☼	*11.67*	*132-65-0*	*10/10/18 14:17*	*10/13/18 01:31*	*1*
Anthracene, 1-methyl-	*260*	*T J N*	*ug/Kg*	☼	*12.24*	*610-48-0*	*10/10/18 14:17*	*10/13/18 01:31*	*1*
Anthracene, 9-methyl-	*370*	*T J N*	*ug/Kg*	☼	*12.27*	*779-02-2*	*10/10/18 14:17*	*10/13/18 01:31*	*1*
Unknown	*940*	*T J*	*ug/Kg*	☼	*12.35*		*10/10/18 14:17*	*10/13/18 01:31*	*1*
5,16[1',2']:8,13[1'',2'']	*270*	*T J N*	*ug/Kg*	☼	*12.50*	*5672-97-9*	*10/10/18 14:17*	*10/13/18 01:31*	*1*
-Dibenzenodibenzo[a,g]cyclodo Benzo[b]naphtho[2,1-d]furan	*270*	*T J N*	*ug/Kg*	☼	*13.07*	*239-30-5*	*10/10/18 14:17*	*10/13/18 01:31*	*1*
Pyrene, 1-methyl-	*270*	*T J N*	*ug/Kg*	☼	*13.38*	*2381-21-7*	*10/10/18 14:17*	*10/13/18 01:31*	*1*
Unknown	*430*	*T J*	*ug/Kg*	☼	*15.33*		*10/10/18 14:17*	*10/13/18 01:31*	*1*
Benzo[j]fluoranthene	*1200*	*T J N*	*ug/Kg*	☼	*15.53*	*205-82-3*	*10/10/18 14:17*	*10/13/18 01:31*	*1*
Unknown	*580*	*T J*	*ug/Kg*	☼	*15.69*		*10/10/18 14:17*	*10/13/18 01:31*	*1*
di(p-Nitrophenyl) sulfide	*540*	*T J N*	*ug/Kg*	☼	*17.85*	*1223-31-0*	*10/10/18 14:17*	*10/13/18 01:31*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*95*		*54 - 120*	*10/10/18 14:17*	*10/13/18 01:31*	*1*
2-Fluorobiphenyl	*87*		*60 - 120*	*10/10/18 14:17*	*10/13/18 01:31*	*1*
2-Fluorophenol (Surr)	*72*		*52 - 120*	*10/10/18 14:17*	*10/13/18 01:31*	*1*
Nitrobenzene-d5 (Surr)	*78*		*53 - 120*	*10/10/18 14:17*	*10/13/18 01:31*	*1*
Phenol-d5 (Surr)	*76*		*54 - 120*	*10/10/18 14:17*	*10/13/18 01:31*	*1*
p-Terphenyl-d14 (Surr)	*108*		*65 - 121*	*10/10/18 14:17*	*10/13/18 01:31*	*1*

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-143040-1

Client Sample ID: TP-22 AREA: SIDEWALL-4
Date Collected: 10/05/18 15:00
Date Received: 10/05/18 17:30

Lab Sample ID: 480-143040-25
Matrix: Solid
Percent Solids: 95.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		1800	480	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
2,4,6-Trichlorophenol	ND		1800	350	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
2,4-Dichlorophenol	ND		1800	190	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
2,4-Dimethylphenol	ND		1800	420	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
2,4-Dinitrophenol	ND		17000	8100	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
2,4-Dinitrotoluene	ND		1800	360	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
2,6-Dinitrotoluene	ND		1800	210	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
2-Chloronaphthalene	ND		1800	290	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
2-Chlorophenol	ND		1800	320	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
2-Methylnaphthalene	ND		1800	350	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
2-Methylphenol	ND		1800	210	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
2-Nitroaniline	ND		3400	260	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
2-Nitrophenol	ND		1800	500	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
3,3'-Dichlorobenzidine	ND		3400	2100	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
3-Nitroaniline	ND		3400	490	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
4,6-Dinitro-2-methylphenol	ND		3400	1800	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
4-Bromophenyl phenyl ether	ND		1800	250	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
4-Chloro-3-methylphenol	ND		1800	430	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
4-Chloroaniline	ND		1800	430	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
4-Chlorophenyl phenyl ether	ND		1800	220	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
4-Methylphenol	ND		3400	210	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
4-Nitroaniline	ND		3400	920	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
4-Nitrophenol	ND		3400	1200	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Acenaphthene	ND		1800	260	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Acenaphthylene	ND		1800	230	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Acetophenone	ND		1800	240	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Anthracene	ND		1800	430	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Atrazine	ND		1800	610	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Benzaldehyde	ND		1800	1400	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Benzo[a]anthracene	ND		1800	180	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Benzo[a]pyrene	ND		1800	260	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Benzo[b]fluoranthene	**410**	**J**	1800	280	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Benzo[g,h,i]perylene	ND		1800	190	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Benzo[k]fluoranthene	ND		1800	230	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Biphenyl	ND		1800	260	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
bis (2-chloroisopropyl) ether	ND		1800	350	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Bis(2-chloroethoxy)methane	ND		1800	370	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Bis(2-chloroethyl)ether	ND		1800	230	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Bis(2-ethylhexyl) phthalate	ND		1800	600	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Butyl benzyl phthalate	ND		1800	290	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Caprolactam	ND		1800	530	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Carbazole	ND		1800	210	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Chrysene	ND		1800	390	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Dibenz(a,h)anthracene	ND		1800	310	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Dibenzofuran	ND		1800	210	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Diethyl phthalate	ND		1800	230	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Dimethyl phthalate	ND		1800	210	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Di-n-butyl phthalate	ND		1800	300	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Di-n-octyl phthalate	ND		1800	210	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10

Client Sample ID: TP-22 AREA: SIDEWALL-4

Lab Sample ID: 480-143040-25

Date Collected: 10/05/18 15:00
Matrix: Solid
Date Received: 10/05/18 17:30
Percent Solids: 95.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	**620**	**J**	1800	190	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Fluorene	ND		1800	210	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Hexachlorobenzene	ND		1800	240	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Hexachlorobutadiene	ND		1800	260	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Hexachlorocyclopentadiene	ND		1800	240	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Hexachloroethane	ND		1800	230	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Indeno[1,2,3-cd]pyrene	**320**	**J**	1800	220	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Isophorone	ND		1800	370	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Naphthalene	ND		1800	230	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Nitrobenzene	ND		1800	200	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
N-Nitrosodi-n-propylamine	ND		1800	300	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
N-Nitrosodiphenylamine	ND		1800	1400	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Pentachlorophenol	ND		3400	1800	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Phenanthrene	ND		1800	260	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Phenol	ND		1800	270	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10
Pyrene	**580**	**J**	1800	210	ug/Kg	☼	10/10/18 14:17	10/13/18 01:59	10

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*4900*	*T J*	*ug/Kg*	☼	*1.98*		*10/10/18 14:17*	*10/13/18 01:59*	*10*
Unknown	*12000*	*T J*	*ug/Kg*	☼	*2.09*		*10/10/18 14:17*	*10/13/18 01:59*	*10*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*106*		*54 - 120*	*10/10/18 14:17*	*10/13/18 01:59*	*10*
2-Fluorobiphenyl	*81*		*60 - 120*	*10/10/18 14:17*	*10/13/18 01:59*	*10*
2-Fluorophenol (Surr)	*76*		*52 - 120*	*10/10/18 14:17*	*10/13/18 01:59*	*10*
Nitrobenzene-d5 (Surr)	*69*		*53 - 120*	*10/10/18 14:17*	*10/13/18 01:59*	*10*
Phenol-d5 (Surr)	*80*		*54 - 120*	*10/10/18 14:17*	*10/13/18 01:59*	*10*
p-Terphenyl-d14 (Surr)	*92*		*65 - 121*	*10/10/18 14:17*	*10/13/18 01:59*	*10*

Client Sample ID: TP-22 AREA:SIDEWALL-5

Lab Sample ID: 480-143040-26

Date Collected: 10/05/18 15:10
Matrix: Solid
Date Received: 10/05/18 17:30
Percent Solids: 95.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		180	48	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
2,4,6-Trichlorophenol	ND		180	36	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
2,4-Dichlorophenol	ND		180	19	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
2,4-Dimethylphenol	**130**	**J**	180	43	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
2,4-Dinitrophenol	ND		1700	820	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
2,4-Dinitrotoluene	ND		180	37	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
2,6-Dinitrotoluene	ND		180	21	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
2-Chloronaphthalene	ND		180	29	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
2-Chlorophenol	ND		180	32	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
2-Methylnaphthalene	**69**	**J**	180	36	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
2-Methylphenol	ND		180	21	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
2-Nitroaniline	ND		340	26	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
2-Nitrophenol	ND		180	50	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
3,3'-Dichlorobenzidine	ND		340	210	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
3-Nitroaniline	ND		340	49	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-143040-1

Client Sample ID: TP-22 AREA:SIDEWALL-5
Date Collected: 10/05/18 15:10
Date Received: 10/05/18 17:30

Lab Sample ID: 480-143040-26
Matrix: Solid
Percent Solids: 95.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	ND		340	180	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
4-Bromophenyl phenyl ether	ND		180	25	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
4-Chloro-3-methylphenol	ND		180	44	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
4-Chloroaniline	ND		180	44	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
4-Chlorophenyl phenyl ether	ND		180	22	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
4-Methylphenol	ND		340	21	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
4-Nitroaniline	ND		340	93	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
4-Nitrophenol	ND		340	120	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Acenaphthene	**69**	**J**	180	26	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Acenaphthylene	**86**	**J**	180	23	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Acetophenone	ND		180	24	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Anthracene	**490**		180	44	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Atrazine	ND		180	62	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Benzaldehyde	ND		180	140	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Benzo[a]anthracene	**1300**		180	18	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Benzo[a]pyrene	**1100**		180	26	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Benzo[b]fluoranthene	**1100**		180	28	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Benzo[g,h,i]perylene	**750**		180	19	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Benzo[k]fluoranthene	ND		180	23	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Biphenyl	ND		180	26	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
bis (2-chloroisopropyl) ether	ND		180	36	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Bis(2-chloroethoxy)methane	ND		180	38	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Bis(2-chloroethyl)ether	ND		180	23	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Bis(2-ethylhexyl) phthalate	ND		180	61	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Butyl benzyl phthalate	ND		180	29	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Caprolactam	**160**	**J**	180	53	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Carbazole	**200**		180	21	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Chrysene	**1300**		180	40	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Dibenz(a,h)anthracene	ND		180	31	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Dibenzofuran	**130**	**J**	180	21	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Diethyl phthalate	ND		180	23	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Dimethyl phthalate	ND		180	21	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Di-n-butyl phthalate	ND		180	30	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Di-n-octyl phthalate	ND		180	21	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Fluoranthene	**3300**		180	19	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Fluorene	**270**		180	21	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Hexachlorobenzene	ND		180	24	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Hexachlorobutadiene	ND		180	26	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Hexachlorocyclopentadiene	ND		180	24	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Hexachloroethane	ND		180	23	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Indeno[1,2,3-cd]pyrene	**680**		180	22	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Isophorone	ND		180	38	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Naphthalene	**1400**		180	23	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Nitrobenzene	ND		180	20	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
N-Nitrosodi-n-propylamine	ND		180	30	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
N-Nitrosodiphenylamine	ND		180	140	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Pentachlorophenol	ND		340	180	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Phenanthrene	**2600**		180	26	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1
Phenol	ND		180	27	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1

Client Sample ID: TP-22 AREA:SIDEWALL-5

Lab Sample ID: 480-143040-26

Date Collected: 10/05/18 15:10
Matrix: Solid
Date Received: 10/05/18 17:30
Percent Solids: 95.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	**2900**		180	21	ug/Kg	☼	10/10/18 14:17	10/13/18 02:26	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*230*	*T J*	*ug/Kg*	☼	*1.70*		*10/10/18 14:17*	*10/13/18 02:26*	*1*
Unknown	*150*	*T J*	*ug/Kg*	☼	*1.81*		*10/10/18 14:17*	*10/13/18 02:26*	*1*
Unknown	*390*	*T J*	*ug/Kg*	☼	*1.96*		*10/10/18 14:17*	*10/13/18 02:26*	*1*
Unknown	*5000*	*T J*	*ug/Kg*	☼	*2.09*		*10/10/18 14:17*	*10/13/18 02:26*	*1*
Unknown	*770*	*T J*	*ug/Kg*	☼	*4.58*		*10/10/18 14:17*	*10/13/18 02:26*	*1*
Unknown	*150*	*T J*	*ug/Kg*	☼	*11.67*		*10/10/18 14:17*	*10/13/18 02:26*	*1*
Phenanthrene, 3-methyl-	*170*	*T J N*	*ug/Kg*	☼	*12.24*	*832-71-3*	*10/10/18 14:17*	*10/13/18 02:26*	*1*
Anthracene, 2-methyl-	*260*	*T J N*	*ug/Kg*	☼	*12.27*	*613-12-7*	*10/10/18 14:17*	*10/13/18 02:26*	*1*
4H-Cyclopenta[def]phenanthrene	*650*	*T J N*	*ug/Kg*	☼	*12.35*	*203-64-5*	*10/10/18 14:17*	*10/13/18 02:26*	*1*
Unknown	*190*	*T J*	*ug/Kg*	☼	*12.50*		*10/10/18 14:17*	*10/13/18 02:26*	*1*
Benzo[kl]xanthene	*210*	*T J N*	*ug/Kg*	☼	*13.07*	*200-23-7*	*10/10/18 14:17*	*10/13/18 02:26*	*1*
11H-Benzo[b]fluorene	*250*	*T J N*	*ug/Kg*	☼	*13.38*	*243-17-4*	*10/10/18 14:17*	*10/13/18 02:26*	*1*
11H-Benzo[a]fluorene	*210*	*T J N*	*ug/Kg*	☼	*13.44*	*238-84-6*	*10/10/18 14:17*	*10/13/18 02:26*	*1*
Benzo[b]naphtho[2,1-d]thiophene	*150*	*T J N*	*ug/Kg*	☼	*13.94*	*239-35-0*	*10/10/18 14:17*	*10/13/18 02:26*	*1*
Unknown	*280*	*T J*	*ug/Kg*	☼	*15.32*		*10/10/18 14:17*	*10/13/18 02:26*	*1*
Perylene	*780*	*T J N*	*ug/Kg*	☼	*15.53*	*198-55-0*	*10/10/18 14:17*	*10/13/18 02:26*	*1*
Unknown	*380*	*T J*	*ug/Kg*	☼	*15.69*		*10/10/18 14:17*	*10/13/18 02:26*	*1*
di(p-Nitrophenyl) sulfide	*340*	*T J N*	*ug/Kg*	☼	*17.85*	*1223-31-0*	*10/10/18 14:17*	*10/13/18 02:26*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*85*		*54 - 120*	*10/10/18 14:17*	*10/13/18 02:26*	*1*
2-Fluorobiphenyl	*76*		*60 - 120*	*10/10/18 14:17*	*10/13/18 02:26*	*1*
2-Fluorophenol (Surr)	*65*		*52 - 120*	*10/10/18 14:17*	*10/13/18 02:26*	*1*
Nitrobenzene-d5 (Surr)	*73*		*53 - 120*	*10/10/18 14:17*	*10/13/18 02:26*	*1*
Phenol-d5 (Surr)	*70*		*54 - 120*	*10/10/18 14:17*	*10/13/18 02:26*	*1*
p-Terphenyl-d14 (Surr)	*103*		*65 - 121*	*10/10/18 14:17*	*10/13/18 02:26*	*1*

Client Sample ID: TP-22 AREA: SIDEWALL-6

Lab Sample ID: 480-143040-27

Date Collected: 10/05/18 15:15
Matrix: Solid
Date Received: 10/05/18 17:30
Percent Solids: 96.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		180	48	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
2,4,6-Trichlorophenol	ND		180	35	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
2,4-Dichlorophenol	ND		180	19	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
2,4-Dimethylphenol	ND		180	42	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
2,4-Dinitrophenol	ND		1700	810	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
2,4-Dinitrotoluene	ND		180	36	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
2,6-Dinitrotoluene	ND		180	21	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
2-Chloronaphthalene	ND		180	29	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
2-Chlorophenol	ND		180	32	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
2-Methylnaphthalene	ND		180	35	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
2-Methylphenol	ND		180	21	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
2-Nitroaniline	ND		340	26	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
2-Nitrophenol	ND		180	50	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
3,3'-Dichlorobenzidine	ND		340	210	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-143040-1

Client Sample ID: TP-22 AREA: SIDEWALL-6
Date Collected: 10/05/18 15:15
Date Received: 10/05/18 17:30

Lab Sample ID: 480-143040-27
Matrix: Solid
Percent Solids: 96.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	ND		340	49	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
4,6-Dinitro-2-methylphenol	ND		340	180	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
4-Bromophenyl phenyl ether	ND		180	25	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
4-Chloro-3-methylphenol	ND		180	43	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
4-Chloroaniline	ND		180	43	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
4-Chlorophenyl phenyl ether	ND		180	22	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
4-Methylphenol	ND		340	21	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
4-Nitroaniline	ND		340	92	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
4-Nitrophenol	ND		340	120	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Acenaphthene	ND		180	26	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Acenaphthylene	ND		180	23	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Acetophenone	ND		180	24	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Anthracene	ND		180	43	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Atrazine	ND		180	61	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Benzaldehyde	ND		180	140	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Benzo[a]anthracene	**170**	**J**	180	18	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Benzo[a]pyrene	**170**	**J**	180	26	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Benzo[b]fluoranthene	**200**		180	28	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Benzo[g,h,i]perylene	**160**	**J**	180	19	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Benzo[k]fluoranthene	**120**	**J**	180	23	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Biphenyl	ND		180	26	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
bis (2-chloroisopropyl) ether	ND		180	35	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Bis(2-chloroethoxy)methane	ND		180	37	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Bis(2-chloroethyl)ether	ND		180	23	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Bis(2-ethylhexyl) phthalate	ND		180	60	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Butyl benzyl phthalate	ND		180	29	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Caprolactam	ND		180	53	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Carbazole	**22**	**J**	180	21	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Chrysene	**190**		180	39	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Dibenz(a,h)anthracene	ND		180	31	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Dibenzofuran	ND		180	21	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Diethyl phthalate	ND		180	23	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Dimethyl phthalate	ND		180	21	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Di-n-butyl phthalate	ND		180	30	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Di-n-octyl phthalate	ND		180	21	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Fluoranthene	**370**		180	19	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Fluorene	**24**	**J**	180	21	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Hexachlorobenzene	ND		180	24	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Hexachlorobutadiene	ND		180	26	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Hexachlorocyclopentadiene	ND		180	24	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Hexachloroethane	ND		180	23	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Indeno[1,2,3-cd]pyrene	**120**	**J**	180	22	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Isophorone	ND		180	37	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Naphthalene	ND		180	23	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Nitrobenzene	ND		180	20	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
N-Nitrosodi-n-propylamine	ND		180	30	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
N-Nitrosodiphenylamine	ND		180	140	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Pentachlorophenol	ND		340	180	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Phenanthrene	**230**		180	26	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1

Client Sample ID: TP-22 AREA: SIDEWALL-6

Lab Sample ID: 480-143040-27

Date Collected: 10/05/18 15:15
Matrix: Solid
Date Received: 10/05/18 17:30
Percent Solids: 96.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		180	27	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1
Pyrene	**390**		180	21	ug/Kg	☼	10/10/18 14:17	10/13/18 02:53	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*280*	*T J*	*ug/Kg*	☼	*1.71*		*10/10/18 14:17*	*10/13/18 02:53*	*1*
Unknown	*240*	*T J*	*ug/Kg*	☼	*1.81*		*10/10/18 14:17*	*10/13/18 02:53*	*1*
Unknown	*7200*	*T J*	*ug/Kg*	☼	*2.10*		*10/10/18 14:17*	*10/13/18 02:53*	*1*
Unknown	*820*	*T J*	*ug/Kg*	☼	*4.58*		*10/10/18 14:17*	*10/13/18 02:53*	*1*
Unknown	*160*	*T J*	*ug/Kg*	☼	*13.92*		*10/10/18 14:17*	*10/13/18 02:53*	*1*
Unknown	*150*	*T J*	*ug/Kg*	☼	*15.52*		*10/10/18 14:17*	*10/13/18 02:53*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*89*		*54 - 120*	*10/10/18 14:17*	*10/13/18 02:53*	*1*
2-Fluorobiphenyl	*79*		*60 - 120*	*10/10/18 14:17*	*10/13/18 02:53*	*1*
2-Fluorophenol (Surr)	*75*		*52 - 120*	*10/10/18 14:17*	*10/13/18 02:53*	*1*
Nitrobenzene-d5 (Surr)	*78*		*53 - 120*	*10/10/18 14:17*	*10/13/18 02:53*	*1*
Phenol-d5 (Surr)	*78*		*54 - 120*	*10/10/18 14:17*	*10/13/18 02:53*	*1*
p-Terphenyl-d14 (Surr)	*116*		*65 - 121*	*10/10/18 14:17*	*10/13/18 02:53*	*1*

Client Sample ID: TP-22 AREA: SIDEWALL-7

Lab Sample ID: 480-143040-28

Date Collected: 10/05/18 15:20
Matrix: Solid
Date Received: 10/05/18 17:30
Percent Solids: 95.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		3500	960	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
2,4,6-Trichlorophenol	ND		3500	710	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
2,4-Dichlorophenol	ND		3500	380	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
2,4-Dimethylphenol	ND		3500	860	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
2,4-Dinitrophenol	ND		35000	16000	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
2,4-Dinitrotoluene	ND		3500	730	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
2,6-Dinitrotoluene	ND		3500	420	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
2-Chloronaphthalene	ND		3500	580	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
2-Chlorophenol	ND		3500	650	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
2-Methylnaphthalene	ND		3500	710	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
2-Methylphenol	ND		3500	420	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
2-Nitroaniline	ND		6900	520	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
2-Nitrophenol	ND		3500	1000	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
3,3'-Dichlorobenzidine	ND		6900	4200	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
3-Nitroaniline	ND		6900	980	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
4,6-Dinitro-2-methylphenol	ND		6900	3500	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
4-Bromophenyl phenyl ether	ND		3500	500	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
4-Chloro-3-methylphenol	ND		3500	880	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
4-Chloroaniline	ND		3500	880	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
4-Chlorophenyl phenyl ether	ND		3500	440	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
4-Methylphenol	ND		6900	420	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
4-Nitroaniline	ND		6900	1900	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
4-Nitrophenol	ND		6900	2500	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Acenaphthene	**1800**	**J**	3500	520	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Acenaphthylene	**590**	**J**	3500	460	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20

Client Sample ID: TP-22 AREA: SIDEWALL-7
Date Collected: 10/05/18 15:20
Date Received: 10/05/18 17:30

Lab Sample ID: 480-143040-28
Matrix: Solid
Percent Solids: 95.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND		3500	480	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Anthracene	**3900**		3500	880	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Atrazine	ND		3500	1200	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Benzaldehyde	ND		3500	2800	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Benzo[a]anthracene	**12000**		3500	350	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Benzo[a]pyrene	**10000**		3500	520	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Benzo[b]fluoranthene	**14000**		3500	560	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Benzo[g,h,i]perylene	**6900**		3500	380	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Benzo[k]fluoranthene	**6100**		3500	460	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Biphenyl	ND		3500	520	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
bis (2-chloroisopropyl) ether	ND		3500	710	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Bis(2-chloroethoxy)methane	ND		3500	750	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Bis(2-chloroethyl)ether	ND		3500	460	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Bis(2-ethylhexyl) phthalate	ND		3500	1200	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Butyl benzyl phthalate	ND		3500	580	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Caprolactam	ND		3500	1100	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Carbazole	**2900**	**J**	3500	420	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Chrysene	**11000**		3500	790	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Dibenz(a,h)anthracene	ND		3500	630	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Dibenzofuran	**1200**	**J**	3500	420	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Diethyl phthalate	ND		3500	460	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Dimethyl phthalate	ND		3500	420	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Di-n-butyl phthalate	ND		3500	610	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Di-n-octyl phthalate	ND		3500	420	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Fluoranthene	**27000**		3500	380	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Fluorene	**1600**	**J**	3500	420	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Hexachlorobenzene	ND		3500	480	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Hexachlorobutadiene	ND		3500	520	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Hexachlorocyclopentadiene	ND		3500	480	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Hexachloroethane	ND		3500	460	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Indeno[1,2,3-cd]pyrene	**6100**		3500	440	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Isophorone	ND		3500	750	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Naphthalene	**2100**	**J**	3500	460	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Nitrobenzene	ND		3500	400	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
N-Nitrosodi-n-propylamine	ND		3500	610	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
N-Nitrosodiphenylamine	ND		3500	2900	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Pentachlorophenol	ND		6900	3500	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Phenanthrene	**20000**		3500	520	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Phenol	ND		3500	540	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20
Pyrene	**21000**		3500	420	ug/Kg	☼	10/10/18 14:17	10/13/18 03:20	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*13000*	*T J*	*ug/Kg*	☼	*1.97*		*10/10/18 14:17*	*10/13/18 03:20*	*20*
Unknown	*23000*	*T J*	*ug/Kg*	☼	*2.08*		*10/10/18 14:17*	*10/13/18 03:20*	*20*
Unknown	*4900*	*T J*	*ug/Kg*	☼	*12.35*		*10/10/18 14:17*	*10/13/18 03:20*	*20*
Unknown	*3000*	*T J*	*ug/Kg*	☼	*13.07*		*10/10/18 14:17*	*10/13/18 03:20*	*20*
Perylene	*8000*	*T J N*	*ug/Kg*	☼	*15.53*	*198-55-0*	*10/10/18 14:17*	*10/13/18 03:20*	*20*
Unknown	*3700*	*T J*	*ug/Kg*	☼	*15.69*		*10/10/18 14:17*	*10/13/18 03:20*	*20*

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-143040-1

Client Sample ID: TP-22 AREA: SIDEWALL-7
Date Collected: 10/05/18 15:20
Date Received: 10/05/18 17:30

Lab Sample ID: 480-143040-28
Matrix: Solid
Percent Solids: 95.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	76		54 - 120	10/10/18 14:17	10/13/18 03:20	20
2-Fluorobiphenyl	98		60 - 120	10/10/18 14:17	10/13/18 03:20	20
2-Fluorophenol (Surr)	108		52 - 120	10/10/18 14:17	10/13/18 03:20	20
Nitrobenzene-d5 (Surr)	80		53 - 120	10/10/18 14:17	10/13/18 03:20	20
Phenol-d5 (Surr)	93		54 - 120	10/10/18 14:17	10/13/18 03:20	20
p-Terphenyl-d14 (Surr)	77		65 - 121	10/10/18 14:17	10/13/18 03:20	20

Surrogate Summary

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-143040-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

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

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL	TPHd14		
Lab Sample ID	Client Sample ID	(54-120)	(60-120)	(52-120)	(53-120)	(54-120)	(65-121)		
480-143040-1	FLOOR-1: TP-22 AREA	72	76	66	71	71	106		
480-143040-1 MS	FLOOR-1: TP-22 AREA	99	91	69	74	75	116		
480-143040-1 MSD	FLOOR-1: TP-22 AREA	96	80	59	71	66	104		
480-143040-2	SIDEWALL 1: TP-22 AREA	80	81	67	75	72	105		
480-143040-3	SIDEWALL 2: TP-22 AREA	82	93	69	71	84	98		
480-143040-4	DUP-1	98	87	71	74	64	97		
480-143040-5	FLOOR 2: TP-22 AREA	68	80	68	76	76	107		
480-143040-6	SIDEWALL 3: TP-22 AREA	75	80	70	77	73	105		
480-143040-24	TP-22 AREA: FLOOR -3	95	87	72	78	76	108		
480-143040-25	TP-22 AREA: SIDEWALL-4	106	81	76	69	80	92		
480-143040-26	TP-22 AREA:SIDEWALL-5	85	76	65	73	70	103		
480-143040-27	TP-22 AREA: SIDEWALL-6	89	79	75	78	78	116		
480-143040-28	TP-22 AREA: SIDEWALL-7	76	98	108	80	93	77		
LCS 480-438680/2-A	Lab Control Sample	90	88	69	83	73	100		
MB 480-438680/1-A	Method Blank	71	79	70	78	76	114		

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-438680/1-A
Matrix: Solid
Analysis Batch: 439106

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 438680

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		170	46	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
2,4,6-Trichlorophenol	ND		170	34	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
2,4-Dichlorophenol	ND		170	18	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
2,4-Dimethylphenol	ND		170	41	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
2,4-Dinitrophenol	ND		1700	780	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
2,4-Dinitrotoluene	ND		170	35	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
2,6-Dinitrotoluene	ND		170	20	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
2-Chloronaphthalene	ND		170	28	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
2-Chlorophenol	ND		170	31	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
2-Methylnaphthalene	ND		170	34	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
2-Methylphenol	ND		170	20	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
2-Nitroaniline	ND		330	25	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
2-Nitrophenol	ND		170	48	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
3,3'-Dichlorobenzidine	ND		330	200	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
3-Nitroaniline	ND		330	47	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
4,6-Dinitro-2-methylphenol	ND		330	170	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
4-Bromophenyl phenyl ether	ND		170	24	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
4-Chloro-3-methylphenol	ND		170	42	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
4-Chloroaniline	ND		170	42	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
4-Chlorophenyl phenyl ether	ND		170	21	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
4-Methylphenol	ND		330	20	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
4-Nitroaniline	ND		330	89	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
4-Nitrophenol	ND		330	120	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Acenaphthene	ND		170	25	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Acenaphthylene	ND		170	22	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Acetophenone	ND		170	23	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Anthracene	ND		170	42	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Atrazine	ND		170	59	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Benzaldehyde	ND		170	130	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Benzo[a]anthracene	ND		170	17	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Benzo[a]pyrene	ND		170	25	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Benzo[b]fluoranthene	ND		170	27	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Benzo[g,h,i]perylene	ND		170	18	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Benzo[k]fluoranthene	ND		170	22	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Biphenyl	ND		170	25	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
bis (2-chloroisopropyl) ether	ND		170	34	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Bis(2-chloroethoxy)methane	ND		170	36	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Bis(2-chloroethyl)ether	ND		170	22	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Bis(2-ethylhexyl) phthalate	ND		170	58	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Butyl benzyl phthalate	ND		170	28	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Caprolactam	ND		170	51	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Carbazole	ND		170	20	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Chrysene	ND		170	38	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Dibenz(a,h)anthracene	ND		170	30	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Dibenzofuran	ND		170	20	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Diethyl phthalate	ND		170	22	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Dimethyl phthalate	ND		170	20	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Di-n-butyl phthalate	ND		170	29	ug/Kg		10/10/18 14:17	10/12/18 20:02	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-438680/1-A
Matrix: Solid
Analysis Batch: 439106

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 438680

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		170	20	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Fluoranthene	ND		170	18	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Fluorene	ND		170	20	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Hexachlorobenzene	ND		170	23	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Hexachlorobutadiene	ND		170	25	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Hexachlorocyclopentadiene	ND		170	23	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Hexachloroethane	ND		170	22	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Indeno[1,2,3-cd]pyrene	ND		170	21	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Isophorone	ND		170	36	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Naphthalene	ND		170	22	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Nitrobenzene	ND		170	19	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
N-Nitrosodi-n-propylamine	ND		170	29	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
N-Nitrosodiphenylamine	ND		170	140	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Pentachlorophenol	ND		330	170	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Phenanthrene	ND		170	25	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Phenol	ND		170	26	ug/Kg		10/10/18 14:17	10/12/18 20:02	1
Pyrene	ND		170	20	ug/Kg		10/10/18 14:17	10/12/18 20:02	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*2940*	*T J*	*ug/Kg*		*1.60*		*10/10/18 14:17*	*10/12/18 20:02*	*1*
Unknown	*248*	*T J*	*ug/Kg*		*1.70*		*10/10/18 14:17*	*10/12/18 20:02*	*1*
Cyclohexane	*4380*	*T J N*	*ug/Kg*		*1.97*	*110-82-7*	*10/10/18 14:17*	*10/12/18 20:02*	*1*
Unknown	*12700*	*T J*	*ug/Kg*		*2.09*		*10/10/18 14:17*	*10/12/18 20:02*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*54 - 120*	*10/10/18 14:17*	*10/12/18 20:02*	*1*
2-Fluorobiphenyl	*79*		*60 - 120*	*10/10/18 14:17*	*10/12/18 20:02*	*1*
2-Fluorophenol (Surr)	*70*		*52 - 120*	*10/10/18 14:17*	*10/12/18 20:02*	*1*
Nitrobenzene-d5 (Surr)	*78*		*53 - 120*	*10/10/18 14:17*	*10/12/18 20:02*	*1*
Phenol-d5 (Surr)	*76*		*54 - 120*	*10/10/18 14:17*	*10/12/18 20:02*	*1*
p-Terphenyl-d14 (Surr)	*114*		*65 - 121*	*10/10/18 14:17*	*10/12/18 20:02*	*1*

Lab Sample ID: LCS 480-438680/2-A
Matrix: Solid
Analysis Batch: 439106

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 438680

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	1660	1510		ug/Kg		91	59 - 126
2,4,6-Trichlorophenol	1660	1510		ug/Kg		91	59 - 123
2,4-Dichlorophenol	1660	1460		ug/Kg		88	61 - 120
2,4-Dimethylphenol	1660	1510		ug/Kg		91	59 - 120
2,4-Dinitrophenol	3330	3070		ug/Kg		92	41 - 146
2,4-Dinitrotoluene	1660	1710		ug/Kg		103	63 - 120
2,6-Dinitrotoluene	1660	1510		ug/Kg		91	66 - 120
2-Chloronaphthalene	1660	1480		ug/Kg		89	57 - 120
2-Chlorophenol	1660	1250		ug/Kg		75	53 - 120
2-Methylnaphthalene	1660	1490		ug/Kg		90	59 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-438680/2-A
Matrix: Solid
Analysis Batch: 439106

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 438680

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Methylphenol	1660	1340		ug/Kg		80	54 - 120
2-Nitroaniline	1660	1610		ug/Kg		97	61 - 120
2-Nitrophenol	1660	1390		ug/Kg		84	56 - 120
3,3'-Dichlorobenzidine	3330	3310		ug/Kg		100	54 - 120
3-Nitroaniline	1660	1540		ug/Kg		92	48 - 120
4,6-Dinitro-2-methylphenol	3330	3320		ug/Kg		100	49 - 122
4-Bromophenyl phenyl ether	1660	1460		ug/Kg		88	58 - 120
4-Chloro-3-methylphenol	1660	1480		ug/Kg		89	61 - 120
4-Chloroaniline	1660	1360		ug/Kg		82	38 - 120
4-Chlorophenyl phenyl ether	1660	1550		ug/Kg		93	63 - 124
4-Methylphenol	1660	1380		ug/Kg		83	55 - 120
4-Nitroaniline	1660	1640		ug/Kg		99	56 - 120
4-Nitrophenol	3330	3600		ug/Kg		108	43 - 147
Acenaphthene	1660	1550		ug/Kg		93	62 - 120
Acenaphthylene	1660	1570		ug/Kg		94	58 - 121
Acetophenone	1660	1370		ug/Kg		82	54 - 120
Anthracene	1660	1710		ug/Kg		103	62 - 120
Atrazine	3330	3450		ug/Kg		104	60 - 127
Benzaldehyde	3330	2320		ug/Kg		70	10 - 150
Benzo[a]anthracene	1660	1730		ug/Kg		104	65 - 120
Benzo[a]pyrene	1660	1670		ug/Kg		101	64 - 120
Benzo[b]fluoranthene	1660	1740		ug/Kg		105	64 - 120
Benzo[g,h,i]perylene	1660	1600		ug/Kg		96	45 - 145
Benzo[k]fluoranthene	1660	1710		ug/Kg		103	65 - 120
Biphenyl	1660	1570		ug/Kg		94	59 - 120
bis (2-chloroisopropyl) ether	1660	1200		ug/Kg		72	44 - 120
Bis(2-chloroethoxy)methane	1660	1470		ug/Kg		89	55 - 120
Bis(2-chloroethyl)ether	1660	1200		ug/Kg		72	45 - 120
Bis(2-ethylhexyl) phthalate	1660	1760		ug/Kg		106	61 - 133
Butyl benzyl phthalate	1660	1720		ug/Kg		103	61 - 129
Caprolactam	3330	3000		ug/Kg		90	47 - 120
Carbazole	1660	1780		ug/Kg		107	65 - 120
Chrysene	1660	1770		ug/Kg		106	64 - 120
Dibenz(a,h)anthracene	1660	1670		ug/Kg		100	54 - 132
Dibenzofuran	1660	1650		ug/Kg		99	63 - 120
Diethyl phthalate	1660	1760		ug/Kg		106	66 - 120
Dimethyl phthalate	1660	1670		ug/Kg		101	65 - 124
Di-n-butyl phthalate	1660	1950		ug/Kg		117	58 - 130
Di-n-octyl phthalate	1660	1980		ug/Kg		119	57 - 133
Fluoranthene	1660	1810		ug/Kg		109	62 - 120
Fluorene	1660	1600		ug/Kg		96	63 - 120
Hexachlorobenzene	1660	1570		ug/Kg		94	60 - 120
Hexachlorobutadiene	1660	1300		ug/Kg		78	45 - 120
Hexachlorocyclopentadiene	1660	1250		ug/Kg		75	47 - 120
Hexachloroethane	1660	1180		ug/Kg		71	41 - 120
Indeno[1,2,3-cd]pyrene	1660	1670		ug/Kg		100	56 - 134
Isophorone	1660	1530		ug/Kg		92	56 - 120
Naphthalene	1660	1450		ug/Kg		87	55 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-438680/2-A
Matrix: Solid
Analysis Batch: 439106

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 438680

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrobenzene	1660	1390		ug/Kg		83	54 - 120
N-Nitrosodi-n-propylamine	1660	1420		ug/Kg		85	52 - 120
N-Nitrosodiphenylamine	1660	1590		ug/Kg		96	51 - 128
Pentachlorophenol	3330	3050		ug/Kg		92	51 - 120
Phenanthrene	1660	1710		ug/Kg		103	60 - 120
Phenol	1660	1350		ug/Kg		81	53 - 120
Pyrene	1660	1700		ug/Kg		102	61 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*90*		*54 - 120*
2-Fluorobiphenyl	*88*		*60 - 120*
2-Fluorophenol (Surr)	*69*		*52 - 120*
Nitrobenzene-d5 (Surr)	*83*		*53 - 120*
Phenol-d5 (Surr)	*73*		*54 - 120*
p-Terphenyl-d14 (Surr)	*100*		*65 - 121*

Lab Sample ID: 480-143040-1 MS
Matrix: Solid
Analysis Batch: 439106

Client Sample ID: FLOOR-1: TP-22 AREA
Prep Type: Total/NA
Prep Batch: 438680

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	ND		2000	1940		ug/Kg	☼	97	46 - 120
2,4,6-Trichlorophenol	ND		2000	1970		ug/Kg	☼	98	41 - 123
2,4-Dichlorophenol	ND		2000	1790		ug/Kg	☼	89	45 - 120
2,4-Dimethylphenol	ND		2000	1590		ug/Kg	☼	79	52 - 120
2,4-Dinitrophenol	ND		4010	4370		ug/Kg	☼	109	41 - 146
2,4-Dinitrotoluene	ND		2000	2170		ug/Kg	☼	108	63 - 125
2,6-Dinitrotoluene	ND		2000	2030		ug/Kg	☼	101	66 - 120
2-Chloronaphthalene	ND		2000	1750		ug/Kg	☼	87	57 - 120
2-Chlorophenol	ND		2000	1500		ug/Kg	☼	75	43 - 120
2-Methylnaphthalene	ND		2000	1700		ug/Kg	☼	85	55 - 120
2-Methylphenol	ND		2000	1630		ug/Kg	☼	81	48 - 120
2-Nitroaniline	ND		2000	2110		ug/Kg	☼	105	61 - 120
2-Nitrophenol	ND		2000	1700		ug/Kg	☼	85	37 - 120
3,3'-Dichlorobenzidine	ND		4010	4490		ug/Kg	☼	112	37 - 126
3-Nitroaniline	ND		2000	2000		ug/Kg	☼	100	48 - 120
4,6-Dinitro-2-methylphenol	ND		4010	4380		ug/Kg	☼	109	23 - 149
4-Bromophenyl phenyl ether	ND		2000	2070		ug/Kg	☼	104	58 - 120
4-Chloro-3-methylphenol	ND		2000	1900		ug/Kg	☼	95	49 - 125
4-Chloroaniline	ND		2000	1630		ug/Kg	☼	81	38 - 120
4-Chlorophenyl phenyl ether	ND		2000	2090		ug/Kg	☼	104	63 - 124
4-Methylphenol	ND		2000	1620		ug/Kg	☼	81	50 - 120
4-Nitroaniline	ND		2000	2110		ug/Kg	☼	105	47 - 120
4-Nitrophenol	ND		4010	4800		ug/Kg	☼	120	31 - 147
Acenaphthene	ND		2000	1920		ug/Kg	☼	96	60 - 120
Acenaphthylene	ND		2000	1990		ug/Kg	☼	99	58 - 121
Acetophenone	ND		2000	1680		ug/Kg	☼	84	47 - 120
Anthracene	ND		2000	2310		ug/Kg	☼	115	62 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-143040-1 MS
Matrix: Solid
Analysis Batch: 439106

Client Sample ID: FLOOR-1: TP-22 AREA
Prep Type: Total/NA
Prep Batch: 438680

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Atrazine	ND		4010	4250		ug/Kg	☼	106	60 - 150
Benzaldehyde	ND	F2	4010	3110		ug/Kg	☼	78	10 - 150
Benzo[a]anthracene	ND		2000	2320		ug/Kg	☼	116	65 - 120
Benzo[a]pyrene	ND		2000	2340		ug/Kg	☼	117	64 - 120
Benzo[b]fluoranthene	ND		2000	2380		ug/Kg	☼	119	64 - 120
Benzo[g,h,i]perylene	ND		2000	2270		ug/Kg	☼	113	45 - 145
Benzo[k]fluoranthene	ND		2000	2340		ug/Kg	☼	117	65 - 120
Biphenyl	ND		2000	1930		ug/Kg	☼	96	58 - 120
bis (2-chloroisopropyl) ether	ND		2000	1440		ug/Kg	☼	72	31 - 120
Bis(2-chloroethoxy)methane	ND		2000	1590		ug/Kg	☼	79	52 - 120
Bis(2-chloroethyl)ether	ND		2000	1470		ug/Kg	☼	73	45 - 120
Bis(2-ethylhexyl) phthalate	ND		2000	2430		ug/Kg	☼	121	61 - 133
Butyl benzyl phthalate	ND		2000	2330		ug/Kg	☼	116	61 - 120
Caprolactam	ND		4010	3980		ug/Kg	☼	99	37 - 133
Carbazole	ND		2000	2250		ug/Kg	☼	112	59 - 120
Chrysene	ND		2000	2330		ug/Kg	☼	116	64 - 120
Dibenz(a,h)anthracene	ND		2000	2270		ug/Kg	☼	113	54 - 132
Dibenzofuran	ND		2000	2170		ug/Kg	☼	108	62 - 120
Diethyl phthalate	ND		2000	2380		ug/Kg	☼	119	66 - 120
Dimethyl phthalate	ND		2000	2210		ug/Kg	☼	110	65 - 124
Di-n-butyl phthalate	ND		2000	2490		ug/Kg	☼	124	58 - 130
Di-n-octyl phthalate	ND		2000	2530		ug/Kg	☼	126	57 - 133
Fluoranthene	ND		2000	2370		ug/Kg	☼	118	62 - 120
Fluorene	ND		2000	2100		ug/Kg	☼	105	63 - 120
Hexachlorobenzene	ND		2000	2150		ug/Kg	☼	107	60 - 120
Hexachlorobutadiene	ND		2000	1380		ug/Kg	☼	69	45 - 120
Hexachlorocyclopentadiene	ND		2000	1310		ug/Kg	☼	65	31 - 120
Hexachloroethane	ND		2000	1400		ug/Kg	☼	70	21 - 120
Indeno[1,2,3-cd]pyrene	ND		2000	2280		ug/Kg	☼	114	56 - 134
Isophorone	ND		2000	1730		ug/Kg	☼	87	56 - 120
Naphthalene	ND		2000	1640		ug/Kg	☼	82	46 - 120
Nitrobenzene	ND		2000	1540		ug/Kg	☼	77	49 - 120
N-Nitrosodi-n-propylamine	ND		2000	1660		ug/Kg	☼	83	46 - 120
N-Nitrosodiphenylamine	ND		2000	2200		ug/Kg	☼	110	20 - 128
Pentachlorophenol	ND		4010	4310		ug/Kg	☼	108	25 - 136
Phenanthrene	ND		2000	2250		ug/Kg	☼	112	60 - 122
Phenol	ND		2000	1540		ug/Kg	☼	77	50 - 120
Pyrene	ND		2000	2330		ug/Kg	☼	116	61 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*99*		*54 - 120*
2-Fluorobiphenyl	*91*		*60 - 120*
2-Fluorophenol (Surr)	*69*		*52 - 120*
Nitrobenzene-d5 (Surr)	*74*		*53 - 120*
Phenol-d5 (Surr)	*75*		*54 - 120*
p-Terphenyl-d14 (Surr)	*116*		*65 - 121*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-143040-1 MSD
Matrix: Solid
Analysis Batch: 439106

Client Sample ID: FLOOR-1: TP-22 AREA
Prep Type: Total/NA
Prep Batch: 438680

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND		2000	1870		ug/Kg	☼	93	46 - 120	3	18
2,4,6-Trichlorophenol	ND		2000	1780		ug/Kg	☼	89	41 - 123	10	19
2,4-Dichlorophenol	ND		2000	1590		ug/Kg	☼	80	45 - 120	12	19
2,4-Dimethylphenol	ND		2000	1680		ug/Kg	☼	84	52 - 120	6	42
2,4-Dinitrophenol	ND		4000	3980		ug/Kg	☼	99	41 - 146	9	22
2,4-Dinitrotoluene	ND		2000	2150		ug/Kg	☼	108	63 - 125	1	20
2,6-Dinitrotoluene	ND		2000	1960		ug/Kg	☼	98	66 - 120	4	15
2-Chloronaphthalene	ND		2000	1650		ug/Kg	☼	83	57 - 120	5	21
2-Chlorophenol	ND		2000	1320		ug/Kg	☼	66	43 - 120	13	25
2-Methylnaphthalene	ND		2000	1600		ug/Kg	☼	80	55 - 120	6	21
2-Methylphenol	ND		2000	1380		ug/Kg	☼	69	48 - 120	17	27
2-Nitroaniline	ND		2000	1990		ug/Kg	☼	100	61 - 120	6	15
2-Nitrophenol	ND		2000	1460		ug/Kg	☼	73	37 - 120	15	18
3,3'-Dichlorobenzidine	ND		4000	4220		ug/Kg	☼	105	37 - 126	6	25
3-Nitroaniline	ND		2000	2000		ug/Kg	☼	100	48 - 120	0	19
4,6-Dinitro-2-methylphenol	ND		4000	4340		ug/Kg	☼	108	23 - 149	1	15
4-Bromophenyl phenyl ether	ND		2000	1860		ug/Kg	☼	93	58 - 120	11	15
4-Chloro-3-methylphenol	ND		2000	1760		ug/Kg	☼	88	49 - 125	8	27
4-Chloroaniline	ND		2000	1590		ug/Kg	☼	80	38 - 120	2	22
4-Chlorophenyl phenyl ether	ND		2000	1980		ug/Kg	☼	99	63 - 124	5	16
4-Methylphenol	ND		2000	1480		ug/Kg	☼	74	50 - 120	9	24
4-Nitroaniline	ND		2000	2090		ug/Kg	☼	104	47 - 120	1	24
4-Nitrophenol	ND		4000	4690		ug/Kg	☼	117	31 - 147	2	25
Acenaphthene	ND		2000	1820		ug/Kg	☼	91	60 - 120	5	35
Acenaphthylene	ND		2000	1870		ug/Kg	☼	94	58 - 121	6	18
Acetophenone	ND		2000	1450		ug/Kg	☼	72	47 - 120	15	20
Anthracene	ND		2000	2190		ug/Kg	☼	109	62 - 120	5	15
Atrazine	ND		4000	4420		ug/Kg	☼	111	60 - 150	4	20
Benzaldehyde	ND	F2	4000	2450	F2	ug/Kg	☼	61	10 - 150	24	20
Benzo[a]anthracene	ND		2000	2120		ug/Kg	☼	106	65 - 120	9	15
Benzo[a]pyrene	ND		2000	2150		ug/Kg	☼	107	64 - 120	9	15
Benzo[b]fluoranthene	ND		2000	2160		ug/Kg	☼	108	64 - 120	10	15
Benzo[g,h,i]perylene	ND		2000	2110		ug/Kg	☼	105	45 - 145	7	15
Benzo[k]fluoranthene	ND		2000	2140		ug/Kg	☼	107	65 - 120	9	22
Biphenyl	ND		2000	1820		ug/Kg	☼	91	58 - 120	6	20
bis (2-chloroisopropyl) ether	ND		2000	1220		ug/Kg	☼	61	31 - 120	16	24
Bis(2-chloroethoxy)methane	ND		2000	1470		ug/Kg	☼	73	52 - 120	8	17
Bis(2-chloroethyl)ether	ND		2000	1250		ug/Kg	☼	63	45 - 120	16	21
Bis(2-ethylhexyl) phthalate	ND		2000	2210		ug/Kg	☼	110	61 - 133	9	15
Butyl benzyl phthalate	ND		2000	2130		ug/Kg	☼	107	61 - 120	9	16
Caprolactam	ND		4000	3960		ug/Kg	☼	99	37 - 133	0	20
Carbazole	ND		2000	2260		ug/Kg	☼	113	59 - 120	0	20
Chrysene	ND		2000	2130		ug/Kg	☼	106	64 - 120	9	15
Dibenz(a,h)anthracene	ND		2000	2120		ug/Kg	☼	106	54 - 132	7	15
Dibenzofuran	ND		2000	2030		ug/Kg	☼	102	62 - 120	7	15
Diethyl phthalate	ND		2000	2230		ug/Kg	☼	112	66 - 120	6	15
Dimethyl phthalate	ND		2000	2080		ug/Kg	☼	104	65 - 124	6	15
Di-n-butyl phthalate	ND		2000	2470		ug/Kg	☼	123	58 - 130	1	15

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-143040-1 MSD
Matrix: Solid
Analysis Batch: 439106

Client Sample ID: FLOOR-1: TP-22 AREA
Prep Type: Total/NA
Prep Batch: 438680

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Di-n-octyl phthalate	ND		2000	2400		ug/Kg	☼	120	57 - 133	5	16
Fluoranthene	ND		2000	2310		ug/Kg	☼	115	62 - 120	3	15
Fluorene	ND		2000	1950		ug/Kg	☼	98	63 - 120	7	15
Hexachlorobenzene	ND		2000	2040		ug/Kg	☼	102	60 - 120	5	15
Hexachlorobutadiene	ND		2000	1450		ug/Kg	☼	73	45 - 120	5	44
Hexachlorocyclopentadiene	ND		2000	1180		ug/Kg	☼	59	31 - 120	10	49
Hexachloroethane	ND		2000	1190		ug/Kg	☼	60	21 - 120	16	46
Indeno[1,2,3-cd]pyrene	ND		2000	2180		ug/Kg	☼	109	56 - 134	4	15
Isophorone	ND		2000	1700		ug/Kg	☼	85	56 - 120	2	17
Naphthalene	ND		2000	1500		ug/Kg	☼	75	46 - 120	9	29
Nitrobenzene	ND		2000	1460		ug/Kg	☼	73	49 - 120	5	24
N-Nitrosodi-n-propylamine	ND		2000	1480		ug/Kg	☼	74	46 - 120	11	31
N-Nitrosodiphenylamine	ND		2000	1940		ug/Kg	☼	97	20 - 128	13	15
Pentachlorophenol	ND		4000	4130		ug/Kg	☼	103	25 - 136	4	35
Phenanthrene	ND		2000	2100		ug/Kg	☼	105	60 - 122	7	15
Phenol	ND		2000	1410		ug/Kg	☼	71	50 - 120	9	35
Pyrene	ND		2000	2120		ug/Kg	☼	106	61 - 133	10	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*96*		*54 - 120*
2-Fluorobiphenyl	*80*		*60 - 120*
2-Fluorophenol (Surr)	*59*		*52 - 120*
Nitrobenzene-d5 (Surr)	*71*		*53 - 120*
Phenol-d5 (Surr)	*66*		*54 - 120*
p-Terphenyl-d14 (Surr)	*104*		*65 - 121*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-438490/1-A
Matrix: Solid
Analysis Batch: 439073

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 438490

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.0	0.40	mg/Kg		10/11/18 08:58	10/11/18 14:50	1

Lab Sample ID: LCDSRM 480-438490/3-A
Matrix: Solid
Analysis Batch: 439073

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 438490

Analyte			Spike Added	LCDSRM Result	LCDSRM Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic			171	146.8		mg/Kg		85.9	66.1 - 122.2	2	20

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-438490/2-A
Matrix: Solid
Analysis Batch: 439073

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 438490

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic			171	144.2		mg/Kg		84.3	66.1 - 122.2		

Lab Sample ID: 480-143040-12 MS
Matrix: Solid
Analysis Batch: 439073

Client Sample ID: FLOOR 1: TP-4 AREA
Prep Type: Total/NA
Prep Batch: 438490

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic	13.9		47.4	54.89		mg/Kg	☼	86	75 - 125		

Lab Sample ID: 480-143040-12 MSD
Matrix: Solid
Analysis Batch: 439073

Client Sample ID: FLOOR 1: TP-4 AREA
Prep Type: Total/NA
Prep Batch: 438490

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	13.9		47.5	55.43		mg/Kg	☼	87	75 - 125	1	20

Lab Sample ID: MB 480-438643/1-A
Matrix: Solid
Analysis Batch: 439070

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 438643

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.0	0.40	mg/Kg		10/11/18 10:58	10/11/18 19:21	1

Lab Sample ID: LCSSRM 480-438643/2-A
Matrix: Solid
Analysis Batch: 439070

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 438643

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic			171	137.8		mg/Kg		80.6	66.1 - 122.2		

Lab Sample ID: 480-143040-14 MS
Matrix: Solid
Analysis Batch: 439070

Client Sample ID: SIDEWALL 8: TP-4 AREA
Prep Type: Total/NA
Prep Batch: 438643

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic	16.6		57.7	70.39		mg/Kg	☼	93	75 - 125		

Lab Sample ID: 480-143040-14 MSD
Matrix: Solid
Analysis Batch: 439070

Client Sample ID: SIDEWALL 8: TP-4 AREA
Prep Type: Total/NA
Prep Batch: 438643

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	16.6		58.1	65.48		mg/Kg	☼	84	75 - 125	7	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-438514/1-A
Matrix: Solid
Analysis Batch: 438970

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 438514

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.019	0.0077	mg/Kg		10/11/18 11:15	10/11/18 13:06	1

Lab Sample ID: LCDSRM 480-438514/18-A ^10
Matrix: Solid
Analysis Batch: 438970

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 438514

Analyte			Spike Added	LCDSRM Result	LCDSRM Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury			12.0	10.71		mg/Kg		89.3	57.3 - 133.3	3	20

Lab Sample ID: LCSSRM 480-438514/2-A ^10
Matrix: Solid
Analysis Batch: 438970

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 438514

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury			12.0	11.08		mg/Kg		92.3	57.3 - 133.3

Lab Sample ID: 480-143040-18 MS
Matrix: Solid
Analysis Batch: 438970

Client Sample ID: FLOOR 1: MW-6 AREA
Prep Type: Total/NA
Prep Batch: 438514

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.012	J	0.350	0.367		mg/Kg	☼	101	80 - 120

Lab Sample ID: 480-143040-18 MSD
Matrix: Solid
Analysis Batch: 438970

Client Sample ID: FLOOR 1: MW-6 AREA
Prep Type: Total/NA
Prep Batch: 438514

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.012	J	0.341	0.358		mg/Kg	☼	101	80 - 120	3	20

GC/MS Semi VOA

Prep Batch: 438680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-143040-1	FLOOR-1: TP-22 AREA	Total/NA	Solid	3550C	
480-143040-2	SIDEWALL 1: TP-22 AREA	Total/NA	Solid	3550C	
480-143040-3	SIDEWALL 2: TP-22 AREA	Total/NA	Solid	3550C	
480-143040-4	DUP-1	Total/NA	Solid	3550C	
480-143040-5	FLOOR 2: TP-22 AREA	Total/NA	Solid	3550C	
480-143040-6	SIDEWALL 3: TP-22 AREA	Total/NA	Solid	3550C	
480-143040-24	TP-22 AREA: FLOOR -3	Total/NA	Solid	3550C	
480-143040-25	TP-22 AREA: SIDEWALL-4	Total/NA	Solid	3550C	
480-143040-26	TP-22 AREA:SIDEWALL-5	Total/NA	Solid	3550C	
480-143040-27	TP-22 AREA: SIDEWALL-6	Total/NA	Solid	3550C	
480-143040-28	TP-22 AREA: SIDEWALL-7	Total/NA	Solid	3550C	
MB 480-438680/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-438680/2-A	Lab Control Sample	Total/NA	Solid	3550C	
480-143040-1 MS	FLOOR-1: TP-22 AREA	Total/NA	Solid	3550C	
480-143040-1 MSD	FLOOR-1: TP-22 AREA	Total/NA	Solid	3550C	

Analysis Batch: 439106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-143040-1	FLOOR-1: TP-22 AREA	Total/NA	Solid	8270D	438680
480-143040-2	SIDEWALL 1: TP-22 AREA	Total/NA	Solid	8270D	438680
480-143040-3	SIDEWALL 2: TP-22 AREA	Total/NA	Solid	8270D	438680
480-143040-4	DUP-1	Total/NA	Solid	8270D	438680
480-143040-5	FLOOR 2: TP-22 AREA	Total/NA	Solid	8270D	438680
480-143040-6	SIDEWALL 3: TP-22 AREA	Total/NA	Solid	8270D	438680
480-143040-24	TP-22 AREA: FLOOR -3	Total/NA	Solid	8270D	438680
480-143040-25	TP-22 AREA: SIDEWALL-4	Total/NA	Solid	8270D	438680
480-143040-26	TP-22 AREA:SIDEWALL-5	Total/NA	Solid	8270D	438680
480-143040-27	TP-22 AREA: SIDEWALL-6	Total/NA	Solid	8270D	438680
480-143040-28	TP-22 AREA: SIDEWALL-7	Total/NA	Solid	8270D	438680
MB 480-438680/1-A	Method Blank	Total/NA	Solid	8270D	438680
LCS 480-438680/2-A	Lab Control Sample	Total/NA	Solid	8270D	438680
480-143040-1 MS	FLOOR-1: TP-22 AREA	Total/NA	Solid	8270D	438680
480-143040-1 MSD	FLOOR-1: TP-22 AREA	Total/NA	Solid	8270D	438680

Metals

Prep Batch: 438490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-143040-7	SIDEWALL 1: TP-4 AREA	Total/NA	Solid	3050B	
480-143040-8	SIDEWALL 2: TP-4 AREA	Total/NA	Solid	3050B	
480-143040-9	DUP-2	Total/NA	Solid	3050B	
480-143040-10	SIDEWALL 3: TP-4 AREA	Total/NA	Solid	3050B	
480-143040-11	SIDEWALL 4: TP-4 AREA	Total/NA	Solid	3050B	
480-143040-12	FLOOR 1: TP-4 AREA	Total/NA	Solid	3050B	
480-143040-13	FLOOR 2: TP-4 AREA	Total/NA	Solid	3050B	
MB 480-438490/1-A	Method Blank	Total/NA	Solid	3050B	
LCDSRM 480-438490/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
LCSSRM 480-438490/2-A	Lab Control Sample	Total/NA	Solid	3050B	
480-143040-12 MS	FLOOR 1: TP-4 AREA	Total/NA	Solid	3050B	
480-143040-12 MSD	FLOOR 1: TP-4 AREA	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 438514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-143040-18	FLOOR 1: MW-6 AREA	Total/NA	Solid	7471B	
480-143040-19	SIDEWALL-1: MW-6 AREA	Total/NA	Solid	7471B	
480-143040-20	SIDEWALL-2: MW-6 AREA	Total/NA	Solid	7471B	
480-143040-21	SIDEWALL-3: MW-6 AREA	Total/NA	Solid	7471B	
480-143040-22	SIDEWALL-4: MW-6 AREA	Total/NA	Solid	7471B	
480-143040-23	DUP-3	Total/NA	Solid	7471B	
MB 480-438514/1-A	Method Blank	Total/NA	Solid	7471B	
LCDSRM 480-438514/18-A ^10	Lab Control Sample Dup	Total/NA	Solid	7471B	
LCSSRM 480-438514/2-A ^10	Lab Control Sample	Total/NA	Solid	7471B	
480-143040-18 MS	FLOOR 1: MW-6 AREA	Total/NA	Solid	7471B	
480-143040-18 MSD	FLOOR 1: MW-6 AREA	Total/NA	Solid	7471B	

Prep Batch: 438643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-143040-14	SIDEWALL 8: TP-4 AREA	Total/NA	Solid	3050B	
480-143040-15	SIDEWALL 5: TP-4 AREA	Total/NA	Solid	3050B	
480-143040-16	SIDEWALL 6: TP-4 AREA	Total/NA	Solid	3050B	
480-143040-17	SIDEWALL 7: TP-4 AREA	Total/NA	Solid	3050B	
MB 480-438643/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-438643/2-A	Lab Control Sample	Total/NA	Solid	3050B	
480-143040-14 MS	SIDEWALL 8: TP-4 AREA	Total/NA	Solid	3050B	
480-143040-14 MSD	SIDEWALL 8: TP-4 AREA	Total/NA	Solid	3050B	

Analysis Batch: 438970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-143040-18	FLOOR 1: MW-6 AREA	Total/NA	Solid	7471B	438514
480-143040-19	SIDEWALL-1: MW-6 AREA	Total/NA	Solid	7471B	438514
480-143040-20	SIDEWALL-2: MW-6 AREA	Total/NA	Solid	7471B	438514
480-143040-21	SIDEWALL-3: MW-6 AREA	Total/NA	Solid	7471B	438514
480-143040-22	SIDEWALL-4: MW-6 AREA	Total/NA	Solid	7471B	438514
480-143040-23	DUP-3	Total/NA	Solid	7471B	438514
MB 480-438514/1-A	Method Blank	Total/NA	Solid	7471B	438514
LCDSRM 480-438514/18-A ^10	Lab Control Sample Dup	Total/NA	Solid	7471B	438514
LCSSRM 480-438514/2-A ^10	Lab Control Sample	Total/NA	Solid	7471B	438514
480-143040-18 MS	FLOOR 1: MW-6 AREA	Total/NA	Solid	7471B	438514
480-143040-18 MSD	FLOOR 1: MW-6 AREA	Total/NA	Solid	7471B	438514

Analysis Batch: 439070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-143040-14	SIDEWALL 8: TP-4 AREA	Total/NA	Solid	6010C	438643
480-143040-15	SIDEWALL 5: TP-4 AREA	Total/NA	Solid	6010C	438643
480-143040-16	SIDEWALL 6: TP-4 AREA	Total/NA	Solid	6010C	438643
480-143040-17	SIDEWALL 7: TP-4 AREA	Total/NA	Solid	6010C	438643
MB 480-438643/1-A	Method Blank	Total/NA	Solid	6010C	438643
LCSSRM 480-438643/2-A	Lab Control Sample	Total/NA	Solid	6010C	438643
480-143040-14 MS	SIDEWALL 8: TP-4 AREA	Total/NA	Solid	6010C	438643
480-143040-14 MSD	SIDEWALL 8: TP-4 AREA	Total/NA	Solid	6010C	438643

Analysis Batch: 439073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-143040-7	SIDEWALL 1: TP-4 AREA	Total/NA	Solid	6010C	438490

Metals (Continued)

Analysis Batch: 439073 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-143040-8	SIDEWALL 2: TP-4 AREA	Total/NA	Solid	6010C	438490
480-143040-9	DUP-2	Total/NA	Solid	6010C	438490
480-143040-10	SIDEWALL 3: TP-4 AREA	Total/NA	Solid	6010C	438490
480-143040-11	SIDEWALL 4: TP-4 AREA	Total/NA	Solid	6010C	438490
480-143040-12	FLOOR 1: TP-4 AREA	Total/NA	Solid	6010C	438490
480-143040-13	FLOOR 2: TP-4 AREA	Total/NA	Solid	6010C	438490
MB 480-438490/1-A	Method Blank	Total/NA	Solid	6010C	438490
LCDSRM 480-438490/3-A	Lab Control Sample Dup	Total/NA	Solid	6010C	438490
LCSSRM 480-438490/2-A	Lab Control Sample	Total/NA	Solid	6010C	438490
480-143040-12 MS	FLOOR 1: TP-4 AREA	Total/NA	Solid	6010C	438490
480-143040-12 MSD	FLOOR 1: TP-4 AREA	Total/NA	Solid	6010C	438490

General Chemistry

Analysis Batch: 439870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-143040-1	FLOOR-1: TP-22 AREA	Total/NA	Solid	Moisture	
480-143040-2	SIDEWALL 1: TP-22 AREA	Total/NA	Solid	Moisture	
480-143040-3	SIDEWALL 2: TP-22 AREA	Total/NA	Solid	Moisture	
480-143040-4	DUP-1	Total/NA	Solid	Moisture	
480-143040-5	FLOOR 2: TP-22 AREA	Total/NA	Solid	Moisture	
480-143040-6	SIDEWALL 3: TP-22 AREA	Total/NA	Solid	Moisture	
480-143040-7	SIDEWALL 1: TP-4 AREA	Total/NA	Solid	Moisture	
480-143040-8	SIDEWALL 2: TP-4 AREA	Total/NA	Solid	Moisture	
480-143040-9	DUP-2	Total/NA	Solid	Moisture	
480-143040-10	SIDEWALL 3: TP-4 AREA	Total/NA	Solid	Moisture	
480-143040-11	SIDEWALL 4: TP-4 AREA	Total/NA	Solid	Moisture	
480-143040-12	FLOOR 1: TP-4 AREA	Total/NA	Solid	Moisture	
480-143040-13	FLOOR 2: TP-4 AREA	Total/NA	Solid	Moisture	
480-143040-14	SIDEWALL 8: TP-4 AREA	Total/NA	Solid	Moisture	
480-143040-15	SIDEWALL 5: TP-4 AREA	Total/NA	Solid	Moisture	
480-143040-16	SIDEWALL 6: TP-4 AREA	Total/NA	Solid	Moisture	
480-143040-17	SIDEWALL 7: TP-4 AREA	Total/NA	Solid	Moisture	
480-143040-18	FLOOR 1: MW-6 AREA	Total/NA	Solid	Moisture	
480-143040-19	SIDEWALL-1: MW-6 AREA	Total/NA	Solid	Moisture	
480-143040-20	SIDEWALL-2: MW-6 AREA	Total/NA	Solid	Moisture	
480-143040-21	SIDEWALL-3: MW-6 AREA	Total/NA	Solid	Moisture	
480-143040-22	SIDEWALL-4: MW-6 AREA	Total/NA	Solid	Moisture	
480-143040-23	DUP-3	Total/NA	Solid	Moisture	
480-143040-24	TP-22 AREA: FLOOR -3	Total/NA	Solid	Moisture	
480-143040-25	TP-22 AREA: SIDEWALL-4	Total/NA	Solid	Moisture	
480-143040-26	TP-22 AREA:SIDEWALL-5	Total/NA	Solid	Moisture	
480-143040-27	TP-22 AREA: SIDEWALL-6	Total/NA	Solid	Moisture	
480-143040-28	TP-22 AREA: SIDEWALL-7	Total/NA	Solid	Moisture	
480-143040-1 MS	FLOOR-1: TP-22 AREA	Total/NA	Solid	Moisture	
480-143040-1 MSD	FLOOR-1: TP-22 AREA	Total/NA	Solid	Moisture	
480-143040-12 MS	FLOOR 1: TP-4 AREA	Total/NA	Solid	Moisture	
480-143040-12 MSD	FLOOR 1: TP-4 AREA	Total/NA	Solid	Moisture	
480-143040-18 MS	FLOOR 1: MW-6 AREA	Total/NA	Solid	Moisture	
480-143040-18 MSD	FLOOR 1: MW-6 AREA	Total/NA	Solid	Moisture	

Client Sample ID: FLOOR-1: TP-22 AREA — **Lab Sample ID: 480-143040-1**
Date Collected: 10/03/18 09:00 — **Matrix: Solid**
Date Received: 10/05/18 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	439870	10/17/18 06:47	KPK	TAL BUF

Client Sample ID: FLOOR-1: TP-22 AREA — **Lab Sample ID: 480-143040-1**
Date Collected: 10/03/18 09:00 — **Matrix: Solid**
Date Received: 10/05/18 17:30 — **Percent Solids: 81.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			438680	10/10/18 14:17	SGD	TAL BUF
Total/NA	Analysis	8270D		1	439106	10/12/18 22:46	PJQ	TAL BUF

Client Sample ID: SIDEWALL 1: TP-22 AREA — **Lab Sample ID: 480-143040-2**
Date Collected: 10/03/18 12:00 — **Matrix: Solid**
Date Received: 10/05/18 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	439870	10/17/18 06:47	KPK	TAL BUF

Client Sample ID: SIDEWALL 1: TP-22 AREA — **Lab Sample ID: 480-143040-2**
Date Collected: 10/03/18 12:00 — **Matrix: Solid**
Date Received: 10/05/18 17:30 — **Percent Solids: 85.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			438680	10/10/18 14:17	SGD	TAL BUF
Total/NA	Analysis	8270D		1	439106	10/12/18 23:13	PJQ	TAL BUF

Client Sample ID: SIDEWALL 2: TP-22 AREA — **Lab Sample ID: 480-143040-3**
Date Collected: 10/03/18 12:10 — **Matrix: Solid**
Date Received: 10/05/18 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	439870	10/17/18 06:47	KPK	TAL BUF

Client Sample ID: SIDEWALL 2: TP-22 AREA — **Lab Sample ID: 480-143040-3**
Date Collected: 10/03/18 12:10 — **Matrix: Solid**
Date Received: 10/05/18 17:30 — **Percent Solids: 81.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			438680	10/10/18 14:17	SGD	TAL BUF
Total/NA	Analysis	8270D		10	439106	10/12/18 23:41	PJQ	TAL BUF

Client Sample ID: DUP-1 — **Lab Sample ID: 480-143040-4**
Date Collected: 10/03/18 12:30 — **Matrix: Solid**
Date Received: 10/05/18 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	439870	10/17/18 06:47	KPK	TAL BUF

Client Sample ID: DUP-1 — **Lab Sample ID: 480-143040-4**
Date Collected: 10/03/18 12:30 — **Matrix: Solid**
Date Received: 10/05/18 17:30 — **Percent Solids: 86.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			438680	10/10/18 14:17	SGD	TAL BUF
Total/NA	Analysis	8270D		20	439106	10/13/18 00:09	PJQ	TAL BUF

Client Sample ID: FLOOR 2: TP-22 AREA — **Lab Sample ID: 480-143040-5**
Date Collected: 10/03/18 15:50 — **Matrix: Solid**
Date Received: 10/05/18 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	439870	10/17/18 06:47	KPK	TAL BUF

Client Sample ID: FLOOR 2: TP-22 AREA — **Lab Sample ID: 480-143040-5**
Date Collected: 10/03/18 15:50 — **Matrix: Solid**
Date Received: 10/05/18 17:30 — **Percent Solids: 82.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			438680	10/10/18 14:17	SGD	TAL BUF
Total/NA	Analysis	8270D		1	439106	10/13/18 00:37	PJQ	TAL BUF

Client Sample ID: SIDEWALL 3: TP-22 AREA — **Lab Sample ID: 480-143040-6**
Date Collected: 10/03/18 16:00 — **Matrix: Solid**
Date Received: 10/05/18 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	439870	10/17/18 06:47	KPK	TAL BUF

Client Sample ID: SIDEWALL 3: TP-22 AREA — **Lab Sample ID: 480-143040-6**
Date Collected: 10/03/18 16:00 — **Matrix: Solid**
Date Received: 10/05/18 17:30 — **Percent Solids: 82.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			438680	10/10/18 14:17	SGD	TAL BUF
Total/NA	Analysis	8270D		1	439106	10/13/18 01:04	PJQ	TAL BUF

Client Sample ID: SIDEWALL 1: TP-4 AREA — **Lab Sample ID: 480-143040-7**
Date Collected: 10/04/18 11:50 — **Matrix: Solid**
Date Received: 10/05/18 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	439870	10/17/18 06:47	KPK	TAL BUF

Client Sample ID: SIDEWALL 1: TP-4 AREA — **Lab Sample ID: 480-143040-7**
Date Collected: 10/04/18 11:50 — **Matrix: Solid**
Date Received: 10/05/18 17:30 — **Percent Solids: 84.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			438490	10/11/18 08:58	JMP	TAL BUF
Total/NA	Analysis	6010C		1	439073	10/11/18 15:36	LMH	TAL BUF

Client Sample ID: SIDEWALL 2: TP-4 AREA — **Lab Sample ID: 480-143040-8**
Date Collected: 10/04/18 12:00 — **Matrix: Solid**
Date Received: 10/05/18 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	439870	10/17/18 06:47	KPK	TAL BUF

Client Sample ID: SIDEWALL 2: TP-4 AREA — **Lab Sample ID: 480-143040-8**
Date Collected: 10/04/18 12:00 — **Matrix: Solid**
Date Received: 10/05/18 17:30 — **Percent Solids: 88.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			438490	10/11/18 08:58	JMP	TAL BUF
Total/NA	Analysis	6010C		1	439073	10/11/18 15:39	LMH	TAL BUF

Client Sample ID: DUP-2 — **Lab Sample ID: 480-143040-9**
Date Collected: 10/04/18 12:15 — **Matrix: Solid**
Date Received: 10/05/18 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	439870	10/17/18 06:47	KPK	TAL BUF

Client Sample ID: DUP-2 — **Lab Sample ID: 480-143040-9**
Date Collected: 10/04/18 12:15 — **Matrix: Solid**
Date Received: 10/05/18 17:30 — **Percent Solids: 86.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			438490	10/11/18 08:58	JMP	TAL BUF
Total/NA	Analysis	6010C		1	439073	10/11/18 15:43	LMH	TAL BUF

Client Sample ID: SIDEWALL 3: TP-4 AREA — **Lab Sample ID: 480-143040-10**
Date Collected: 10/04/18 12:10 — **Matrix: Solid**
Date Received: 10/05/18 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	439870	10/17/18 06:47	KPK	TAL BUF

Client Sample ID: SIDEWALL 3: TP-4 AREA — **Lab Sample ID: 480-143040-10**
Date Collected: 10/04/18 12:10 — **Matrix: Solid**
Date Received: 10/05/18 17:30 — **Percent Solids: 82.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			438490	10/11/18 08:58	JMP	TAL BUF
Total/NA	Analysis	6010C		1	439073	10/11/18 16:03	LMH	TAL BUF

Client Sample ID: SIDEWALL 4: TP-4 AREA — **Lab Sample ID: 480-143040-11**
Date Collected: 10/04/18 12:20 — **Matrix: Solid**
Date Received: 10/05/18 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	439870	10/17/18 06:47	KPK	TAL BUF

Client Sample ID: SIDEWALL 4: TP-4 AREA — **Lab Sample ID: 480-143040-11**
Date Collected: 10/04/18 12:20 — **Matrix: Solid**
Date Received: 10/05/18 17:30 — **Percent Solids: 82.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			438490	10/11/18 08:58	JMP	TAL BUF
Total/NA	Analysis	6010C		1	439073	10/11/18 16:06	LMH	TAL BUF

Client Sample ID: FLOOR 1: TP-4 AREA — **Lab Sample ID: 480-143040-12**
Date Collected: 10/04/18 12:30 — **Matrix: Solid**
Date Received: 10/05/18 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	439870	10/17/18 06:47	KPK	TAL BUF

Client Sample ID: FLOOR 1: TP-4 AREA — **Lab Sample ID: 480-143040-12**
Date Collected: 10/04/18 12:30 — **Matrix: Solid**
Date Received: 10/05/18 17:30 — **Percent Solids: 82.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			438490	10/11/18 08:58	JMP	TAL BUF
Total/NA	Analysis	6010C		1	439073	10/11/18 16:10	LMH	TAL BUF

Client Sample ID: FLOOR 2: TP-4 AREA — **Lab Sample ID: 480-143040-13**
Date Collected: 10/04/18 12:40 — **Matrix: Solid**
Date Received: 10/05/18 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	439870	10/17/18 06:47	KPK	TAL BUF

Client Sample ID: FLOOR 2: TP-4 AREA — **Lab Sample ID: 480-143040-13**
Date Collected: 10/04/18 12:40 — **Matrix: Solid**
Date Received: 10/05/18 17:30 — **Percent Solids: 91.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			438490	10/11/18 08:58	JMP	TAL BUF
Total/NA	Analysis	6010C		1	439073	10/11/18 16:29	LMH	TAL BUF

Client Sample ID: SIDEWALL 8: TP-4 AREA — **Lab Sample ID: 480-143040-14**
Date Collected: 10/04/18 15:00 — **Matrix: Solid**
Date Received: 10/05/18 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	439870	10/17/18 06:47	KPK	TAL BUF

Client Sample ID: SIDEWALL 8: TP-4 AREA — **Lab Sample ID: 480-143040-14**
Date Collected: 10/04/18 15:00 — **Matrix: Solid**
Date Received: 10/05/18 17:30 — **Percent Solids: 67.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			438643	10/11/18 10:58	KMP	TAL BUF
Total/NA	Analysis	6010C		1	439070	10/11/18 19:32	LMH	TAL BUF

Client Sample ID: SIDEWALL 5: TP-4 AREA — **Lab Sample ID: 480-143040-15**
Date Collected: 10/04/18 15:10 — **Matrix: Solid**
Date Received: 10/05/18 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	439870	10/17/18 06:47	KPK	TAL BUF

Client Sample ID: SIDEWALL 5: TP-4 AREA — **Lab Sample ID: 480-143040-15**
Date Collected: 10/04/18 15:10 — **Matrix: Solid**
Date Received: 10/05/18 17:30 — **Percent Solids: 89.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			438643	10/11/18 10:58	KMP	TAL BUF
Total/NA	Analysis	6010C		1	439070	10/11/18 20:02	LMH	TAL BUF

Client Sample ID: SIDEWALL 6: TP-4 AREA — **Lab Sample ID: 480-143040-16**
Date Collected: 10/04/18 15:15 — **Matrix: Solid**
Date Received: 10/05/18 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	439870	10/17/18 06:47	KPK	TAL BUF

Client Sample ID: SIDEWALL 6: TP-4 AREA — **Lab Sample ID: 480-143040-16**
Date Collected: 10/04/18 15:15 — **Matrix: Solid**
Date Received: 10/05/18 17:30 — **Percent Solids: 82.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			438643	10/11/18 10:58	KMP	TAL BUF
Total/NA	Analysis	6010C		1	439070	10/11/18 20:06	LMH	TAL BUF

Client Sample ID: SIDEWALL 7: TP-4 AREA — **Lab Sample ID: 480-143040-17**
Date Collected: 10/04/18 15:20 — **Matrix: Solid**
Date Received: 10/05/18 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	439870	10/17/18 06:47	KPK	TAL BUF

Client Sample ID: SIDEWALL 7: TP-4 AREA — **Lab Sample ID: 480-143040-17**
Date Collected: 10/04/18 15:20 — **Matrix: Solid**
Date Received: 10/05/18 17:30 — **Percent Solids: 91.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			438643	10/11/18 10:58	KMP	TAL BUF
Total/NA	Analysis	6010C		1	439070	10/11/18 20:10	LMH	TAL BUF

Client Sample ID: FLOOR 1: MW-6 AREA — **Lab Sample ID: 480-143040-18**
Date Collected: 10/05/18 10:45 — **Matrix: Solid**
Date Received: 10/05/18 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	439870	10/17/18 06:47	KPK	TAL BUF

Client Sample ID: FLOOR 1: MW-6 AREA — **Lab Sample ID: 480-143040-18**
Date Collected: 10/05/18 10:45 — **Matrix: Solid**
Date Received: 10/05/18 17:30 — **Percent Solids: 96.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			438514	10/11/18 11:15	BMB	TAL BUF
Total/NA	Analysis	7471B		1	438970	10/11/18 13:20	BMB	TAL BUF

Client Sample ID: SIDEWALL-1: MW-6 AREA — **Lab Sample ID: 480-143040-19**
Date Collected: 10/05/18 12:50 — **Matrix: Solid**
Date Received: 10/05/18 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	439870	10/17/18 06:47	KPK	TAL BUF

Client Sample ID: SIDEWALL-1: MW-6 AREA — **Lab Sample ID: 480-143040-19**
Date Collected: 10/05/18 12:50 — **Matrix: Solid**
Date Received: 10/05/18 17:30 — **Percent Solids: 97.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			438514	10/11/18 11:15	BMB	TAL BUF
Total/NA	Analysis	7471B		1	438970	10/11/18 13:31	BMB	TAL BUF

Client Sample ID: SIDEWALL-2: MW-6 AREA — **Lab Sample ID: 480-143040-20**
Date Collected: 10/05/18 13:00 — **Matrix: Solid**
Date Received: 10/05/18 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	439870	10/17/18 06:47	KPK	TAL BUF

Client Sample ID: SIDEWALL-2: MW-6 AREA — **Lab Sample ID: 480-143040-20**
Date Collected: 10/05/18 13:00 — **Matrix: Solid**
Date Received: 10/05/18 17:30 — **Percent Solids: 96.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			438514	10/11/18 11:15	BMB	TAL BUF
Total/NA	Analysis	7471B		1	438970	10/11/18 13:32	BMB	TAL BUF

Client Sample ID: SIDEWALL-3: MW-6 AREA — **Lab Sample ID: 480-143040-21**
Date Collected: 10/05/18 13:10 — **Matrix: Solid**
Date Received: 10/05/18 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	439870	10/17/18 06:47	KPK	TAL BUF

Client Sample ID: SIDEWALL-3: MW-6 AREA — **Lab Sample ID: 480-143040-21**
Date Collected: 10/05/18 13:10 — **Matrix: Solid**
Date Received: 10/05/18 17:30 — **Percent Solids: 90.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			438514	10/11/18 11:15	BMB	TAL BUF
Total/NA	Analysis	7471B		1	438970	10/11/18 13:34	BMB	TAL BUF

Client Sample ID: SIDEWALL-4: MW-6 AREA — **Lab Sample ID: 480-143040-22**
Date Collected: 10/05/18 13:20 — **Matrix: Solid**
Date Received: 10/05/18 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	439870	10/17/18 06:47	KPK	TAL BUF

Client Sample ID: SIDEWALL-4: MW-6 AREA — **Lab Sample ID: 480-143040-22**
Date Collected: 10/05/18 13:20 — **Matrix: Solid**
Date Received: 10/05/18 17:30 — **Percent Solids: 94.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			438514	10/11/18 11:15	BMB	TAL BUF
Total/NA	Analysis	7471B		1	438970	10/11/18 13:36	BMB	TAL BUF

Client Sample ID: DUP-3 — **Lab Sample ID: 480-143040-23**
Date Collected: 10/05/18 13:30 — **Matrix: Solid**
Date Received: 10/05/18 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	439870	10/17/18 06:47	KPK	TAL BUF

Client Sample ID: DUP-3 — **Lab Sample ID: 480-143040-23**
Date Collected: 10/05/18 13:30 — **Matrix: Solid**
Date Received: 10/05/18 17:30 — **Percent Solids: 95.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			438514	10/11/18 11:15	BMB	TAL BUF
Total/NA	Analysis	7471B		1	438970	10/11/18 13:37	BMB	TAL BUF

Client Sample ID: TP-22 AREA: FLOOR -3 — **Lab Sample ID: 480-143040-24**
Date Collected: 10/05/18 14:50 — **Matrix: Solid**
Date Received: 10/05/18 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	439870	10/17/18 06:47	KPK	TAL BUF

Client Sample ID: TP-22 AREA: FLOOR -3 — **Lab Sample ID: 480-143040-24**
Date Collected: 10/05/18 14:50 — **Matrix: Solid**
Date Received: 10/05/18 17:30 — **Percent Solids: 95.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			438680	10/10/18 14:17	SGD	TAL BUF
Total/NA	Analysis	8270D		1	439106	10/13/18 01:31	PJQ	TAL BUF

Client Sample ID: TP-22 AREA: SIDEWALL-4 — **Lab Sample ID: 480-143040-25**
Date Collected: 10/05/18 15:00 — **Matrix: Solid**
Date Received: 10/05/18 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	439870	10/17/18 06:47	KPK	TAL BUF

Client Sample ID: TP-22 AREA: SIDEWALL-4 — **Lab Sample ID: 480-143040-25**
Date Collected: 10/05/18 15:00 — **Matrix: Solid**
Date Received: 10/05/18 17:30 — **Percent Solids: 95.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			438680	10/10/18 14:17	SGD	TAL BUF
Total/NA	Analysis	8270D		10	439106	10/13/18 01:59	PJQ	TAL BUF

Client Sample ID: TP-22 AREA:SIDEWALL-5 — **Lab Sample ID: 480-143040-26**
Date Collected: 10/05/18 15:10 — **Matrix: Solid**
Date Received: 10/05/18 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	439870	10/17/18 06:47	KPK	TAL BUF

Client Sample ID: TP-22 AREA:SIDEWALL-5 — **Lab Sample ID: 480-143040-26**
Date Collected: 10/05/18 15:10 — **Matrix: Solid**
Date Received: 10/05/18 17:30 — **Percent Solids: 95.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			438680	10/10/18 14:17	SGD	TAL BUF
Total/NA	Analysis	8270D		1	439106	10/13/18 02:26	PJQ	TAL BUF

Client Sample ID: TP-22 AREA: SIDEWALL-6 — **Lab Sample ID: 480-143040-27**
Date Collected: 10/05/18 15:15 — **Matrix: Solid**
Date Received: 10/05/18 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	439870	10/17/18 06:47	KPK	TAL BUF

Client Sample ID: TP-22 AREA: SIDEWALL-6 — **Lab Sample ID: 480-143040-27**
Date Collected: 10/05/18 15:15 — **Matrix: Solid**
Date Received: 10/05/18 17:30 — **Percent Solids: 96.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			438680	10/10/18 14:17	SGD	TAL BUF
Total/NA	Analysis	8270D		1	439106	10/13/18 02:53	PJQ	TAL BUF

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-143040-1

Client Sample ID: TP-22 AREA: SIDEWALL-7 — **Lab Sample ID: 480-143040-28**
Date Collected: 10/05/18 15:20 — **Matrix: Solid**
Date Received: 10/05/18 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	439870	10/17/18 06:47	KPK	TAL BUF

Client Sample ID: TP-22 AREA: SIDEWALL-7 — **Lab Sample ID: 480-143040-28**
Date Collected: 10/05/18 15:20 — **Matrix: Solid**
Date Received: 10/05/18 17:30 — **Percent Solids: 95.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			438680	10/10/18 14:17	SGD	TAL BUF
Total/NA	Analysis	8270D		20	439106	10/13/18 03:20	PJQ	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-143040-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-19

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

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

Method Summary

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-143040-1

Method	Method Description	Protocol	Laboratory
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7471B	Mercury (CVAA)	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF
3050B	Preparation, Metals	SW846	TAL BUF
3550C	Ultrasonic Extraction	SW846	TAL BUF
7471B	Preparation, Mercury	SW846	TAL BUF

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 BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-143040-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-143040-1	FLOOR-1: TP-22 AREA	Solid	10/03/18 09:00	10/05/18 17:30
480-143040-2	SIDEWALL 1: TP-22 AREA	Solid	10/03/18 12:00	10/05/18 17:30
480-143040-3	SIDEWALL 2: TP-22 AREA	Solid	10/03/18 12:10	10/05/18 17:30
480-143040-4	DUP-1	Solid	10/03/18 12:30	10/05/18 17:30
480-143040-5	FLOOR 2: TP-22 AREA	Solid	10/03/18 15:50	10/05/18 17:30
480-143040-6	SIDEWALL 3: TP-22 AREA	Solid	10/03/18 16:00	10/05/18 17:30
480-143040-7	SIDEWALL 1: TP-4 AREA	Solid	10/04/18 11:50	10/05/18 17:30
480-143040-8	SIDEWALL 2: TP-4 AREA	Solid	10/04/18 12:00	10/05/18 17:30
480-143040-9	DUP-2	Solid	10/04/18 12:15	10/05/18 17:30
480-143040-10	SIDEWALL 3: TP-4 AREA	Solid	10/04/18 12:10	10/05/18 17:30
480-143040-11	SIDEWALL 4: TP-4 AREA	Solid	10/04/18 12:20	10/05/18 17:30
480-143040-12	FLOOR 1: TP-4 AREA	Solid	10/04/18 12:30	10/05/18 17:30
480-143040-13	FLOOR 2: TP-4 AREA	Solid	10/04/18 12:40	10/05/18 17:30
480-143040-14	SIDEWALL 8: TP-4 AREA	Solid	10/04/18 15:00	10/05/18 17:30
480-143040-15	SIDEWALL 5: TP-4 AREA	Solid	10/04/18 15:10	10/05/18 17:30
480-143040-16	SIDEWALL 6: TP-4 AREA	Solid	10/04/18 15:15	10/05/18 17:30
480-143040-17	SIDEWALL 7: TP-4 AREA	Solid	10/04/18 15:20	10/05/18 17:30
480-143040-18	FLOOR 1: MW-6 AREA	Solid	10/05/18 10:45	10/05/18 17:30
480-143040-19	SIDEWALL-1: MW-6 AREA	Solid	10/05/18 12:50	10/05/18 17:30
480-143040-20	SIDEWALL-2: MW-6 AREA	Solid	10/05/18 13:00	10/05/18 17:30
480-143040-21	SIDEWALL-3: MW-6 AREA	Solid	10/05/18 13:10	10/05/18 17:30
480-143040-22	SIDEWALL-4: MW-6 AREA	Solid	10/05/18 13:20	10/05/18 17:30
480-143040-23	DUP-3	Solid	10/05/18 13:30	10/05/18 17:30
480-143040-24	TP-22 AREA: FLOOR -3	Solid	10/05/18 14:50	10/05/18 17:30
480-143040-25	TP-22 AREA: SIDEWALL-4	Solid	10/05/18 15:00	10/05/18 17:30
480-143040-26	TP-22 AREA:SIDEWALL-5	Solid	10/05/18 15:10	10/05/18 17:30
480-143040-27	TP-22 AREA: SIDEWALL-6	Solid	10/05/18 15:15	10/05/18 17:30
480-143040-28	TP-22 AREA: SIDEWALL-7	Solid	10/05/18 15:20	10/05/18 17:30

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Jessica Dombrowski	Lab PM: Deyo, Melissa L	Carrier Tracking No(s):	COC No: 480-117448-27083.1
Client Contact: Mr. Andrew Benkleman	Phone: 716-445-7990	E-Mail: melissa.deyo@testamericainc.com		Page: Page 1 of 3
Company: LaBella Associates DPC				Job #:
Address: 300 Pearl Street Suite 130	Due Date Requested:			
City: Buffalo	TAT Requested (days):			
State, Zip: NY, 14202				
Phone: 716-768-3184(Tel)	PO #: 2171946			
Email: abenkleman@labellapc.com	WO #:			
Project Name: 2171946, Edgewood Warehouse	Project #: 48018543			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	7471B - Mercury	6010C - Arsenic	8270D - TCL SVOC + 20 TICs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N		
Floor-1: TP-22 Area	10/3/18	900	G	Solid		N			X		MS/MSD here
Sidewall-1: TP-22 Area	10/3/18	1200	G	Solid		N			X		
Sidewall-2: TP-22 Area	10/3/18	1210	G	Solid		N			X		
Dup-1	10/3/18	1230	G	Solid		N			X		
Floor-2: TP-22 Area	10/3/18	1550	G	Solid		N			X		
Sidewall-3: TP-22 Area	10/3/18	1600	G	Solid		N			X		
Sidewall-1: TP-4 Area	10/4/18	1150	G	Solid				X			
Sidewall-2: TP-4 Area	10/4/18	1200	G	Solid				X			
Dup-2	10/4/18	1215	G	Solid				X			
Sidewall-3: TP-4 Area	10/4/18	1210	G	Solid				X			
Sidewall-4: TP-4 Area	10/4/18	1220	G	Solid				X			

480-143040 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Jessica Dombrowski	10/5/18/1710	LaBella		10/5/18 1730	TAB
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: #1 3.5

Ver: 08/04/2016

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Jessica Domowski	Lab PM: Deyo, Melissa L	Carrier Tracking No(s):	COC No: 480-117448-27083.3
Client Contact: Mr. Andrew Benkleman	Phone: 716 445 7990	E-Mail: melissa.deyo@testamericainc.com		Page: Page 3 of 5
Company: LaBella Associates DPC				Job #:
Address: 300 Pearl Street Suite 130	Due Date Requested:			
City: Buffalo	TAT Requested (days):			
State, Zip: NY, 14202				
Phone: 716-768-3184(Tel)	PO #: 2171946			
Email: abenkleman@labellapc.com	WO #:			
Project Name: 2171946, Edgewood Warehouse	Project #: 48018543			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	7471B - Mercury	6010C - Arsenic	8270D - TCL SVOC + 20 TICs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N		
Floor-1 : TP-4 Area	10/4/18	1230	G	Solid	N	Y		X			MS/MSD 2 here
Floor-2 : TP-4 Area	10/4/18	1240	G	Solid	N	N		X			
Sidewall-8 : TP-4 Area	10/4/18	1500	G	Solid	N	N		X			
Sidewall-5 : TP-4 Area	10/4/18	1510	G	Solid	N	N		X			
Sidewall-6 : TP-4 Area	10/4/18	1515	G	Solid	N	N		X			
Sidewall-7 : TP-4 Area	10/4/18	1520	G	Solid	N	N		X			
Floor-1 : MW-6 Area	10/5/18	1045	G	Solid	N	Y	X				MS/MSD 3 here
Sidewall-1 : MW-6 Area	10/5/18	1250	G	Solid	N	N	X				
Sidewall-2 : MW-6 Area	10/5/18	1300	G	Solid	N	N	X				
Sidewall-3 : MW-6 Area	10/5/18	1310	G	Solid	N	N	X				
Sidewall-4 : MW-6 Area	10/5/18	1320	G	Solid	N	N	X				

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Jessica Domowski	10/5/18 1740	LaBella	ES	10/5/18 1730	TAB
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: #1 3.5

Ver: 08/04/2016

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Jessica Dombrowski	Lab PM: Deyo, Melissa L	Carrier Tracking No(s):	COC No: 480-117448-27083.4
Client Contact: Mr. Andrew Benkleman	Phone: 716-115-7990	E-Mail: melissa.deyo@testamericainc.com		Page: Page 3 of 5

Company: LaBella Associates DPC		Job #:
Address: 300 Pearl Street Suite 130	Due Date Requested:	
City: Buffalo	TAT Requested (days):	
State, Zip: NY, 14202		
Phone: 716-768-3184(Tel)	PO #: 2171946	
Email: abenkleman@labellapc.com	WO #:	
Project Name: 2171946, Edgewood Warehouse	Project #: 48018543	
Site:	SSOW#:	

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	7471B - Mercury	6010C - Arsenic	8270D - TCL SVOC + 20 TICs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N		
Dup-3	10/5/18	1330	G	Solid			X				
				Solid							
				Solid							
				Solid							
				Solid							
				Solid							
				Solid							
				Solid							
				Solid							
				Solid							
				Solid							

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10/5/18 1740	LaBella		10/5/18 1730	TAL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: #1 3.5

Ver: 08/04/2016

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-143040-1

Login Number: 143040

List Source: TestAmerica Buffalo

List Number: 1

Creator: Hulbert, Michael J

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	LABELLA
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-142940-1
Client Project/Site: Edgewood Warehouse, Dunkirk,NY

For:
LaBella Associates DPC
300 Pearl Street
Suite 130
Buffalo, New York 14202

Attn: Mr. Andrew Benkleman

Authorized for release by:
10/10/2018 4:11:53 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

Table of Contents

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	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Case Narrative

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-142940-1

Job ID: 480-142940-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-142940-1

Receipt
The samples were received on 10/5/2018 2:15 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.6º C.

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

Detection Summary

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-142940-1

Client Sample ID: TP-A :MW-6 AREA — Lab Sample ID: 480-142940-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.33		0.022	0.0090	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP-B :MW-6 AREA — Lab Sample ID: 480-142940-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.23		0.023	0.0093	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-142940-1

Client Sample ID: TP-A :MW-6 AREA

Lab Sample ID: 480-142940-1

Date Collected: 10/05/18 12:00
Matrix: Solid
Date Received: 10/05/18 14:15
Percent Solids: 83.4

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.33		0.022	0.0090	mg/Kg	☼	10/08/18 14:15	10/08/18 16:05	1

Client Sample ID: TP-B :MW-6 AREA

Lab Sample ID: 480-142940-2

Date Collected: 10/05/18 12:20
Matrix: Solid
Date Received: 10/05/18 14:15
Percent Solids: 84.0

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.23		0.023	0.0093	mg/Kg	☼	10/08/18 14:15	10/08/18 16:11	1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-438239/1-A
Matrix: Solid
Analysis Batch: 438282

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 438239

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.019	0.0076	mg/Kg		10/08/18 14:15	10/08/18 16:01	1

Lab Sample ID: LCSSRM 480-438239/2-A ^10
Matrix: Solid
Analysis Batch: 438282

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 438239

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	23.7	12.81		mg/Kg		54.0	27.7 - 110.1

Lab Sample ID: 480-142940-1 MS
Matrix: Solid
Analysis Batch: 438282

Client Sample ID: TP-A :MW-6 AREA
Prep Type: Total/NA
Prep Batch: 438239

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.33		0.401	0.698		mg/Kg	☼	91	80 - 120

Lab Sample ID: 480-142940-1 MSD
Matrix: Solid
Analysis Batch: 438282

Client Sample ID: TP-A :MW-6 AREA
Prep Type: Total/NA
Prep Batch: 438239

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.33		0.374	0.762		mg/Kg	☼	115	80 - 120	9	20

QC Association Summary

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-142940-1

Metals

Prep Batch: 438239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-142940-1	TP-A :MW-6 AREA	Total/NA	Solid	7471B	
480-142940-2	TP-B :MW-6 AREA	Total/NA	Solid	7471B	
MB 480-438239/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-438239/2-A ^10	Lab Control Sample	Total/NA	Solid	7471B	
480-142940-1 MS	TP-A :MW-6 AREA	Total/NA	Solid	7471B	
480-142940-1 MSD	TP-A :MW-6 AREA	Total/NA	Solid	7471B	

Analysis Batch: 438282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-142940-1	TP-A :MW-6 AREA	Total/NA	Solid	7471B	438239
480-142940-2	TP-B :MW-6 AREA	Total/NA	Solid	7471B	438239
MB 480-438239/1-A	Method Blank	Total/NA	Solid	7471B	438239
LCSSRM 480-438239/2-A ^10	Lab Control Sample	Total/NA	Solid	7471B	438239
480-142940-1 MS	TP-A :MW-6 AREA	Total/NA	Solid	7471B	438239
480-142940-1 MSD	TP-A :MW-6 AREA	Total/NA	Solid	7471B	438239

General Chemistry

Analysis Batch: 438316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-142940-1	TP-A :MW-6 AREA	Total/NA	Solid	Moisture	
480-142940-2	TP-B :MW-6 AREA	Total/NA	Solid	Moisture	

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-142940-1

Client Sample ID: TP-A :MW-6 AREA

Lab Sample ID: 480-142940-1

Date Collected: 10/05/18 12:00
Matrix: Solid
Date Received: 10/05/18 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	438316	10/08/18 19:23	KPK	TAL BUF

Client Sample ID: TP-A :MW-6 AREA

Lab Sample ID: 480-142940-1

Date Collected: 10/05/18 12:00
Matrix: Solid
Date Received: 10/05/18 14:15
Percent Solids: 83.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			438239	10/08/18 14:15	BMB	TAL BUF
Total/NA	Analysis	7471B		1	438282	10/08/18 16:05	BMB	TAL BUF

Client Sample ID: TP-B :MW-6 AREA

Lab Sample ID: 480-142940-2

Date Collected: 10/05/18 12:20
Matrix: Solid
Date Received: 10/05/18 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	438316	10/08/18 19:23	KPK	TAL BUF

Client Sample ID: TP-B :MW-6 AREA

Lab Sample ID: 480-142940-2

Date Collected: 10/05/18 12:20
Matrix: Solid
Date Received: 10/05/18 14:15
Percent Solids: 84.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			438239	10/08/18 14:15	BMB	TAL BUF
Total/NA	Analysis	7471B		1	438282	10/08/18 16:11	BMB	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-142940-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-19

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

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

Method Summary

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-142940-1

Method	Method Description	Protocol	Laboratory
7471B	Mercury (CVAA)	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF
7471B	Preparation, Mercury	SW846	TAL BUF

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 BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-142940-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-142940-1	TP-A :MW-6 AREA	Solid	10/05/18 12:00	10/05/18 14:15
480-142940-2	TP-B :MW-6 AREA	Solid	10/05/18 12:20	10/05/18 14:15

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228

Phone: 716.691.2600 Fax: 716.691.799

Chain of Custody Record

286027

TestAmerica

THE LEADER IN E

TestAmerica

480-142940 COC

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

Client Contact	Project Manager: Rob Napierala	Site Contact:	Date:	COC No:
Company Name: LaBella Associates	Tel/Fax:	Lab Contact:	Carrier:	1 of 1
Address: 300 Pearl Street, Suite 120	Analysis Turnaround Time			Sampler:
City/State/Zip: Buffalo, NY	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 716-851-1281	TAT if different from Below			Walk-in Client:
Fax: 716-551-1282	☐ 2 weeks			Lab Sampling:
Project Name: Former Edgewood Diner	☐ 1 week			
Site: 320 S. Robert Rd, Dewitt	☐ 2 days			Job / SDG No.:
PO # 2171946.09	X 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 SVOCs by 8270 TAL - Mercury	Sample Specific Notes:
TP-A: HW-6 Area	10/5/18	1200	G	Soil	1	N	N	X	
TP-B: HW-6 Area	10/5/18	1220	G	Soil	1	N	N	X	

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:

#1 2.6

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	LaBella	10/5/18 1225		LABELLA	10/5/18 12:30
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	LABELLA	10/5/18 14:15			
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
				TA	10/05/18 1415

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-142940-1

Login Number: 142940

List Source: TestAmerica Buffalo

List Number: 1

Creator: Wallace, Cameron

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	LABELLA
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

TestAmerica

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-147006-1
Client Project/Site: Edgewood Warehouse, Dunkirk,NY

For:
LaBella Associates DPC
300 Pearl Street
Suite 130
Buffalo, New York 14202

Attn: Mr. Andrew Benkleman

Mary Schwartzmyer

Authorized for release by:
12/21/2018 1:40:38 PM
Mary Schwartzmyer, Project Manager I
mary.schwartzmyer@testamericainc.com

Designee for

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

Table of Contents

Definitions/Glossary

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-147006-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Case Narrative

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-147006-1

Job ID: 480-147006-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-147006-1

Receipt
The samples were received on 12/18/2018 2:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.6º C.

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

Detection Summary

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-147006-1

Client Sample ID: UST - Conf. Floor-1 — Lab Sample ID: 480-147006-1

No Detections.

Client Sample ID: UST - Conf. Sidewall-1 — Lab Sample ID: 480-147006-2

No Detections.

Client Sample ID: UST - Conf. Sidewall - 2 — Lab Sample ID: 480-147006-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.7	J	4.9	0.24	ug/Kg	1	☼	8260C	Total/NA

Client Sample ID: UST - Conf. Sidewall - 3 — Lab Sample ID: 480-147006-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	9.5		5.2	0.25	ug/Kg	1	☼	8260C	Total/NA

Client Sample ID: UST - Conf. Sidewall - 4 — Lab Sample ID: 480-147006-5

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: UST - Conf. Floor-1

Lab Sample ID: 480-147006-1
Date Collected: 12/17/18 15:30
Matrix: Solid
Date Received: 12/18/18 14:00
Percent Solids: 79.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		4.8	0.93	ug/Kg	☼	12/18/18 17:50	12/20/18 17:10	1
1,3,5-Trimethylbenzene	ND		4.8	0.31	ug/Kg	☼	12/18/18 17:50	12/20/18 17:10	1
4-Isopropyltoluene	ND		4.8	0.39	ug/Kg	☼	12/18/18 17:50	12/20/18 17:10	1
Benzene	ND		4.8	0.24	ug/Kg	☼	12/18/18 17:50	12/20/18 17:10	1
Ethylbenzene	ND		4.8	0.33	ug/Kg	☼	12/18/18 17:50	12/20/18 17:10	1
Isopropylbenzene	ND		4.8	0.73	ug/Kg	☼	12/18/18 17:50	12/20/18 17:10	1
Methyl tert-butyl ether	ND		4.8	0.47	ug/Kg	☼	12/18/18 17:50	12/20/18 17:10	1
m-Xylene & p-Xylene	ND		9.6	0.81	ug/Kg	☼	12/18/18 17:50	12/20/18 17:10	1
Naphthalene	ND		4.8	0.65	ug/Kg	☼	12/18/18 17:50	12/20/18 17:10	1
n-Butylbenzene	ND		4.8	0.42	ug/Kg	☼	12/18/18 17:50	12/20/18 17:10	1
N-Propylbenzene	ND		4.8	0.39	ug/Kg	☼	12/18/18 17:50	12/20/18 17:10	1
o-Xylene	ND		4.8	0.63	ug/Kg	☼	12/18/18 17:50	12/20/18 17:10	1
sec-Butylbenzene	ND		4.8	0.42	ug/Kg	☼	12/18/18 17:50	12/20/18 17:10	1
Toluene	ND		4.8	0.36	ug/Kg	☼	12/18/18 17:50	12/20/18 17:10	1
Xylenes, Total	ND		9.6	0.81	ug/Kg	☼	12/18/18 17:50	12/20/18 17:10	1
tert-Butylbenzene	ND		4.8	0.50	ug/Kg	☼	12/18/18 17:50	12/20/18 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*64 - 126*	*12/18/18 17:50*	*12/20/18 17:10*	*1*
4-Bromofluorobenzene (Surr)	*102*		*72 - 126*	*12/18/18 17:50*	*12/20/18 17:10*	*1*
Toluene-d8 (Surr)	*102*		*71 - 125*	*12/18/18 17:50*	*12/20/18 17:10*	*1*
Dibromofluoromethane (Surr)	*113*		*60 - 140*	*12/18/18 17:50*	*12/20/18 17:10*	*1*

Client Sample ID: UST - Conf. Sidewall-1

Lab Sample ID: 480-147006-2
Date Collected: 12/17/18 15:35
Matrix: Solid
Date Received: 12/18/18 14:00
Percent Solids: 78.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		6.0	1.1	ug/Kg	☼	12/18/18 17:50	12/20/18 17:36	1
1,3,5-Trimethylbenzene	ND		6.0	0.39	ug/Kg	☼	12/18/18 17:50	12/20/18 17:36	1
4-Isopropyltoluene	ND		6.0	0.48	ug/Kg	☼	12/18/18 17:50	12/20/18 17:36	1
Benzene	ND		6.0	0.29	ug/Kg	☼	12/18/18 17:50	12/20/18 17:36	1
Ethylbenzene	ND		6.0	0.41	ug/Kg	☼	12/18/18 17:50	12/20/18 17:36	1
Isopropylbenzene	ND		6.0	0.90	ug/Kg	☼	12/18/18 17:50	12/20/18 17:36	1
Methyl tert-butyl ether	ND		6.0	0.59	ug/Kg	☼	12/18/18 17:50	12/20/18 17:36	1
m-Xylene & p-Xylene	ND		12	1.0	ug/Kg	☼	12/18/18 17:50	12/20/18 17:36	1
Naphthalene	ND		6.0	0.80	ug/Kg	☼	12/18/18 17:50	12/20/18 17:36	1
n-Butylbenzene	ND		6.0	0.52	ug/Kg	☼	12/18/18 17:50	12/20/18 17:36	1
N-Propylbenzene	ND		6.0	0.48	ug/Kg	☼	12/18/18 17:50	12/20/18 17:36	1
o-Xylene	ND		6.0	0.78	ug/Kg	☼	12/18/18 17:50	12/20/18 17:36	1
sec-Butylbenzene	ND		6.0	0.52	ug/Kg	☼	12/18/18 17:50	12/20/18 17:36	1
Toluene	ND		6.0	0.45	ug/Kg	☼	12/18/18 17:50	12/20/18 17:36	1
Xylenes, Total	ND		12	1.0	ug/Kg	☼	12/18/18 17:50	12/20/18 17:36	1
tert-Butylbenzene	ND		6.0	0.62	ug/Kg	☼	12/18/18 17:50	12/20/18 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*64 - 126*	*12/18/18 17:50*	*12/20/18 17:36*	*1*
4-Bromofluorobenzene (Surr)	*102*		*72 - 126*	*12/18/18 17:50*	*12/20/18 17:36*	*1*
Toluene-d8 (Surr)	*102*		*71 - 125*	*12/18/18 17:50*	*12/20/18 17:36*	*1*

Client Sample ID: UST - Conf. Sidewall-1

Lab Sample ID: 480-147006-2
Date Collected: 12/17/18 15:35
Matrix: Solid
Date Received: 12/18/18 14:00
Percent Solids: 78.6

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*114*		*60 - 140*	*12/18/18 17:50*	*12/20/18 17:36*	*1*

Client Sample ID: UST - Conf. Sidewall - 2

Lab Sample ID: 480-147006-3
Date Collected: 12/17/18 15:40
Matrix: Solid
Date Received: 12/18/18 14:00
Percent Solids: 84.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		4.9	0.94	ug/Kg	☼	12/18/18 17:50	12/20/18 18:02	1
1,3,5-Trimethylbenzene	ND		4.9	0.32	ug/Kg	☼	12/18/18 17:50	12/20/18 18:02	1
4-Isopropyltoluene	ND		4.9	0.39	ug/Kg	☼	12/18/18 17:50	12/20/18 18:02	1
Benzene	**1.7**	**J**	4.9	0.24	ug/Kg	☼	12/18/18 17:50	12/20/18 18:02	1
Ethylbenzene	ND		4.9	0.34	ug/Kg	☼	12/18/18 17:50	12/20/18 18:02	1
Isopropylbenzene	ND		4.9	0.74	ug/Kg	☼	12/18/18 17:50	12/20/18 18:02	1
Methyl tert-butyl ether	ND		4.9	0.48	ug/Kg	☼	12/18/18 17:50	12/20/18 18:02	1
m-Xylene & p-Xylene	ND		9.8	0.82	ug/Kg	☼	12/18/18 17:50	12/20/18 18:02	1
Naphthalene	ND		4.9	0.66	ug/Kg	☼	12/18/18 17:50	12/20/18 18:02	1
n-Butylbenzene	ND		4.9	0.43	ug/Kg	☼	12/18/18 17:50	12/20/18 18:02	1
N-Propylbenzene	ND		4.9	0.39	ug/Kg	☼	12/18/18 17:50	12/20/18 18:02	1
o-Xylene	ND		4.9	0.64	ug/Kg	☼	12/18/18 17:50	12/20/18 18:02	1
sec-Butylbenzene	ND		4.9	0.43	ug/Kg	☼	12/18/18 17:50	12/20/18 18:02	1
Toluene	ND		4.9	0.37	ug/Kg	☼	12/18/18 17:50	12/20/18 18:02	1
Xylenes, Total	ND		9.8	0.82	ug/Kg	☼	12/18/18 17:50	12/20/18 18:02	1
tert-Butylbenzene	ND		4.9	0.51	ug/Kg	☼	12/18/18 17:50	12/20/18 18:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*110*		*64 - 126*	*12/18/18 17:50*	*12/20/18 18:02*	*1*
4-Bromofluorobenzene (Surr)	*103*		*72 - 126*	*12/18/18 17:50*	*12/20/18 18:02*	*1*
Toluene-d8 (Surr)	*104*		*71 - 125*	*12/18/18 17:50*	*12/20/18 18:02*	*1*
Dibromofluoromethane (Surr)	*110*		*60 - 140*	*12/18/18 17:50*	*12/20/18 18:02*	*1*

Client Sample ID: UST - Conf. Sidewall - 3

Lab Sample ID: 480-147006-4
Date Collected: 12/17/18 15:45
Matrix: Solid
Date Received: 12/18/18 14:00
Percent Solids: 80.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		5.2	0.99	ug/Kg	☼	12/18/18 17:50	12/20/18 18:28	1
1,3,5-Trimethylbenzene	ND		5.2	0.33	ug/Kg	☼	12/18/18 17:50	12/20/18 18:28	1
4-Isopropyltoluene	ND		5.2	0.42	ug/Kg	☼	12/18/18 17:50	12/20/18 18:28	1
Benzene	**9.5**		5.2	0.25	ug/Kg	☼	12/18/18 17:50	12/20/18 18:28	1
Ethylbenzene	ND		5.2	0.36	ug/Kg	☼	12/18/18 17:50	12/20/18 18:28	1
Isopropylbenzene	ND		5.2	0.78	ug/Kg	☼	12/18/18 17:50	12/20/18 18:28	1
Methyl tert-butyl ether	ND		5.2	0.51	ug/Kg	☼	12/18/18 17:50	12/20/18 18:28	1
m-Xylene & p-Xylene	ND		10	0.87	ug/Kg	☼	12/18/18 17:50	12/20/18 18:28	1
Naphthalene	ND		5.2	0.69	ug/Kg	☼	12/18/18 17:50	12/20/18 18:28	1
n-Butylbenzene	ND		5.2	0.45	ug/Kg	☼	12/18/18 17:50	12/20/18 18:28	1
N-Propylbenzene	ND		5.2	0.41	ug/Kg	☼	12/18/18 17:50	12/20/18 18:28	1
o-Xylene	ND		5.2	0.68	ug/Kg	☼	12/18/18 17:50	12/20/18 18:28	1

Client Sample ID: UST - Conf. Sidewall - 3

Lab Sample ID: 480-147006-4
Date Collected: 12/17/18 15:45
Matrix: Solid
Date Received: 12/18/18 14:00
Percent Solids: 80.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		5.2	0.45	ug/Kg	☼	12/18/18 17:50	12/20/18 18:28	1
Toluene	ND		5.2	0.39	ug/Kg	☼	12/18/18 17:50	12/20/18 18:28	1
Xylenes, Total	ND		10	0.87	ug/Kg	☼	12/18/18 17:50	12/20/18 18:28	1
tert-Butylbenzene	ND		5.2	0.54	ug/Kg	☼	12/18/18 17:50	12/20/18 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*64 - 126*	*12/18/18 17:50*	*12/20/18 18:28*	*1*
4-Bromofluorobenzene (Surr)	*102*		*72 - 126*	*12/18/18 17:50*	*12/20/18 18:28*	*1*
Toluene-d8 (Surr)	*103*		*71 - 125*	*12/18/18 17:50*	*12/20/18 18:28*	*1*
Dibromofluoromethane (Surr)	*111*		*60 - 140*	*12/18/18 17:50*	*12/20/18 18:28*	*1*

Client Sample ID: UST - Conf. Sidewall - 4

Lab Sample ID: 480-147006-5
Date Collected: 12/17/18 15:50
Matrix: Solid
Date Received: 12/18/18 14:00
Percent Solids: 90.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		4.9	0.93	ug/Kg	☼	12/18/18 17:50	12/20/18 18:54	1
1,3,5-Trimethylbenzene	ND		4.9	0.31	ug/Kg	☼	12/18/18 17:50	12/20/18 18:54	1
4-Isopropyltoluene	ND		4.9	0.39	ug/Kg	☼	12/18/18 17:50	12/20/18 18:54	1
Benzene	ND		4.9	0.24	ug/Kg	☼	12/18/18 17:50	12/20/18 18:54	1
Ethylbenzene	ND		4.9	0.33	ug/Kg	☼	12/18/18 17:50	12/20/18 18:54	1
Isopropylbenzene	ND		4.9	0.73	ug/Kg	☼	12/18/18 17:50	12/20/18 18:54	1
Methyl tert-butyl ether	ND		4.9	0.48	ug/Kg	☼	12/18/18 17:50	12/20/18 18:54	1
m-Xylene & p-Xylene	ND		9.7	0.82	ug/Kg	☼	12/18/18 17:50	12/20/18 18:54	1
Naphthalene	ND		4.9	0.65	ug/Kg	☼	12/18/18 17:50	12/20/18 18:54	1
n-Butylbenzene	ND		4.9	0.42	ug/Kg	☼	12/18/18 17:50	12/20/18 18:54	1
N-Propylbenzene	ND		4.9	0.39	ug/Kg	☼	12/18/18 17:50	12/20/18 18:54	1
o-Xylene	ND		4.9	0.63	ug/Kg	☼	12/18/18 17:50	12/20/18 18:54	1
sec-Butylbenzene	ND		4.9	0.42	ug/Kg	☼	12/18/18 17:50	12/20/18 18:54	1
Toluene	ND		4.9	0.37	ug/Kg	☼	12/18/18 17:50	12/20/18 18:54	1
Xylenes, Total	ND		9.7	0.82	ug/Kg	☼	12/18/18 17:50	12/20/18 18:54	1
tert-Butylbenzene	ND		4.9	0.50	ug/Kg	☼	12/18/18 17:50	12/20/18 18:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*64 - 126*	*12/18/18 17:50*	*12/20/18 18:54*	*1*
4-Bromofluorobenzene (Surr)	*102*		*72 - 126*	*12/18/18 17:50*	*12/20/18 18:54*	*1*
Toluene-d8 (Surr)	*102*		*71 - 125*	*12/18/18 17:50*	*12/20/18 18:54*	*1*
Dibromofluoromethane (Surr)	*110*		*60 - 140*	*12/18/18 17:50*	*12/20/18 18:54*	*1*

Surrogate Summary

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-147006-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(64-126)	(72-126)	(71-125)	(60-140)
480-147006-1	UST - Conf. Floor-1	112	102	102	113
480-147006-2	UST - Conf. Sidewall-1	114	102	102	114
480-147006-3	UST - Conf. Sidewall - 2	110	103	104	110
480-147006-4	UST - Conf. Sidewall - 3	112	102	103	111
480-147006-5	UST - Conf. Sidewall - 4	109	102	102	110
LCS 480-451886/1-A	Lab Control Sample	106	104	103	111
MB 480-451886/2-A	Method Blank	109	103	103	111

Surrogate Legend

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

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

Lab Sample ID: MB 480-451886/2-A
Matrix: Solid
Analysis Batch: 451839

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 451886

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		5.0	0.96	ug/Kg		12/20/18 10:23	12/20/18 11:35	1
1,3,5-Trimethylbenzene	ND		5.0	0.32	ug/Kg		12/20/18 10:23	12/20/18 11:35	1
4-Isopropyltoluene	ND		5.0	0.40	ug/Kg		12/20/18 10:23	12/20/18 11:35	1
Benzene	ND		5.0	0.25	ug/Kg		12/20/18 10:23	12/20/18 11:35	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		12/20/18 10:23	12/20/18 11:35	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		12/20/18 10:23	12/20/18 11:35	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		12/20/18 10:23	12/20/18 11:35	1
m-Xylene & p-Xylene	ND		10	0.84	ug/Kg		12/20/18 10:23	12/20/18 11:35	1
Naphthalene	ND		5.0	0.67	ug/Kg		12/20/18 10:23	12/20/18 11:35	1
n-Butylbenzene	ND		5.0	0.44	ug/Kg		12/20/18 10:23	12/20/18 11:35	1
N-Propylbenzene	ND		5.0	0.40	ug/Kg		12/20/18 10:23	12/20/18 11:35	1
o-Xylene	ND		5.0	0.65	ug/Kg		12/20/18 10:23	12/20/18 11:35	1
sec-Butylbenzene	ND		5.0	0.44	ug/Kg		12/20/18 10:23	12/20/18 11:35	1
Toluene	ND		5.0	0.38	ug/Kg		12/20/18 10:23	12/20/18 11:35	1
Xylenes, Total	ND		10	0.84	ug/Kg		12/20/18 10:23	12/20/18 11:35	1
tert-Butylbenzene	ND		5.0	0.52	ug/Kg		12/20/18 10:23	12/20/18 11:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*64 - 126*	*12/20/18 10:23*	*12/20/18 11:35*	*1*
4-Bromofluorobenzene (Surr)	*103*		*72 - 126*	*12/20/18 10:23*	*12/20/18 11:35*	*1*
Toluene-d8 (Surr)	*103*		*71 - 125*	*12/20/18 10:23*	*12/20/18 11:35*	*1*
Dibromofluoromethane (Surr)	*111*		*60 - 140*	*12/20/18 10:23*	*12/20/18 11:35*	*1*

Lab Sample ID: LCS 480-451886/1-A
Matrix: Solid
Analysis Batch: 451839

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 451886

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	50.0	44.9		ug/Kg		90	74 - 120
1,3,5-Trimethylbenzene	50.0	45.1		ug/Kg		90	74 - 120
4-Isopropyltoluene	50.0	44.8		ug/Kg		90	74 - 120
Benzene	50.0	47.4		ug/Kg		95	79 - 127
Ethylbenzene	50.0	47.0		ug/Kg		94	80 - 120
Isopropylbenzene	50.0	44.5		ug/Kg		89	72 - 120
Methyl tert-butyl ether	50.0	46.6		ug/Kg		93	63 - 125
m-Xylene & p-Xylene	50.0	46.0		ug/Kg		92	70 - 130
Naphthalene	50.0	43.9		ug/Kg		88	38 - 137
n-Butylbenzene	50.0	44.3		ug/Kg		89	70 - 120
N-Propylbenzene	50.0	44.5		ug/Kg		89	70 - 130
o-Xylene	50.0	45.6		ug/Kg		91	70 - 130
sec-Butylbenzene	50.0	44.4		ug/Kg		89	74 - 120
Toluene	50.0	46.5		ug/Kg		93	74 - 128
tert-Butylbenzene	50.0	44.3		ug/Kg		89	73 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*64 - 126*
4-Bromofluorobenzene (Surr)	*104*		*72 - 126*

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-147006-1

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

Lab Sample ID: LCS 480-451886/1-A
Matrix: Solid
Analysis Batch: 451839

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 451886

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	103		71 - 125
Dibromofluoromethane (Surr)	111		60 - 140

QC Association Summary

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-147006-1

GC/MS VOA

Analysis Batch: 451839

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-147006-1	UST - Conf. Floor-1	Total/NA	Solid	8260C	451886
480-147006-2	UST - Conf. Sidewall-1	Total/NA	Solid	8260C	451886
480-147006-3	UST - Conf. Sidewall - 2	Total/NA	Solid	8260C	451886
480-147006-4	UST - Conf. Sidewall - 3	Total/NA	Solid	8260C	451886
480-147006-5	UST - Conf. Sidewall - 4	Total/NA	Solid	8260C	451886
MB 480-451886/2-A	Method Blank	Total/NA	Solid	8260C	451886
LCS 480-451886/1-A	Lab Control Sample	Total/NA	Solid	8260C	451886

Prep Batch: 451886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-147006-1	UST - Conf. Floor-1	Total/NA	Solid	5035A_L	
480-147006-2	UST - Conf. Sidewall-1	Total/NA	Solid	5035A_L	
480-147006-3	UST - Conf. Sidewall - 2	Total/NA	Solid	5035A_L	
480-147006-4	UST - Conf. Sidewall - 3	Total/NA	Solid	5035A_L	
480-147006-5	UST - Conf. Sidewall - 4	Total/NA	Solid	5035A_L	
MB 480-451886/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-451886/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	

General Chemistry

Analysis Batch: 451888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-147006-1	UST - Conf. Floor-1	Total/NA	Solid	Moisture	
480-147006-2	UST - Conf. Sidewall-1	Total/NA	Solid	Moisture	
480-147006-3	UST - Conf. Sidewall - 2	Total/NA	Solid	Moisture	
480-147006-4	UST - Conf. Sidewall - 3	Total/NA	Solid	Moisture	
480-147006-5	UST - Conf. Sidewall - 4	Total/NA	Solid	Moisture	

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-147006-1

Client Sample ID: UST - Conf. Floor-1
Lab Sample ID: 480-147006-1
Date Collected: 12/17/18 15:30
Matrix: Solid
Date Received: 12/18/18 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	451888	12/20/18 10:35	CDC	TAL BUF

Client Sample ID: UST - Conf. Floor-1
Lab Sample ID: 480-147006-1
Date Collected: 12/17/18 15:30
Matrix: Solid
Date Received: 12/18/18 14:00
Percent Solids: 79.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			451886	12/18/18 17:50	CDC	TAL BUF
Total/NA	Analysis	8260C		1	451839	12/20/18 17:10	LCH	TAL BUF

Client Sample ID: UST - Conf. Sidewall-1
Lab Sample ID: 480-147006-2
Date Collected: 12/17/18 15:35
Matrix: Solid
Date Received: 12/18/18 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	451888	12/20/18 10:35	CDC	TAL BUF

Client Sample ID: UST - Conf. Sidewall-1
Lab Sample ID: 480-147006-2
Date Collected: 12/17/18 15:35
Matrix: Solid
Date Received: 12/18/18 14:00
Percent Solids: 78.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			451886	12/18/18 17:50	CDC	TAL BUF
Total/NA	Analysis	8260C		1	451839	12/20/18 17:36	LCH	TAL BUF

Client Sample ID: UST - Conf. Sidewall - 2
Lab Sample ID: 480-147006-3
Date Collected: 12/17/18 15:40
Matrix: Solid
Date Received: 12/18/18 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	451888	12/20/18 10:35	CDC	TAL BUF

Client Sample ID: UST - Conf. Sidewall - 2
Lab Sample ID: 480-147006-3
Date Collected: 12/17/18 15:40
Matrix: Solid
Date Received: 12/18/18 14:00
Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			451886	12/18/18 17:50	CDC	TAL BUF
Total/NA	Analysis	8260C		1	451839	12/20/18 18:02	LCH	TAL BUF

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-147006-1

Client Sample ID: UST - Conf. Sidewall - 3
Lab Sample ID: 480-147006-4
Date Collected: 12/17/18 15:45
Matrix: Solid
Date Received: 12/18/18 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	451888	12/20/18 10:35	CDC	TAL BUF

Client Sample ID: UST - Conf. Sidewall - 3
Lab Sample ID: 480-147006-4
Date Collected: 12/17/18 15:45
Matrix: Solid
Date Received: 12/18/18 14:00
Percent Solids: 80.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			451886	12/18/18 17:50	CDC	TAL BUF
Total/NA	Analysis	8260C		1	451839	12/20/18 18:28	LCH	TAL BUF

Client Sample ID: UST - Conf. Sidewall - 4
Lab Sample ID: 480-147006-5
Date Collected: 12/17/18 15:50
Matrix: Solid
Date Received: 12/18/18 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	451888	12/20/18 10:35	CDC	TAL BUF

Client Sample ID: UST - Conf. Sidewall - 4
Lab Sample ID: 480-147006-5
Date Collected: 12/17/18 15:50
Matrix: Solid
Date Received: 12/18/18 14:00
Percent Solids: 90.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			451886	12/18/18 17:50	CDC	TAL BUF
Total/NA	Analysis	8260C		1	451839	12/20/18 18:54	LCH	TAL BUF

Laboratory References:
TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-147006-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-19

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

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

Method Summary

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-147006-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF
5035A_L	Closed System Purge and Trap	SW846	TAL BUF

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 BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

TestAmerica Job ID: 480-147006-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-147006-1	UST - Conf. Floor-1	Solid	12/17/18 15:30	12/18/18 14:00
480-147006-2	UST - Conf. Sidewall-1	Solid	12/17/18 15:35	12/18/18 14:00
480-147006-3	UST - Conf. Sidewall - 2	Solid	12/17/18 15:40	12/18/18 14:00
480-147006-4	UST - Conf. Sidewall - 3	Solid	12/17/18 15:45	12/18/18 14:00
480-147006-5	UST - Conf. Sidewall - 4	Solid	12/17/18 15:50	12/18/18 14:00

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228
Phone: 716.691.2600 Fax: 716.691.7991

Chain of Custody Record

306119

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

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

Client Contact		Project Manager: Rob Napieralski	Site Contact: Jess Dombrowski	Date: 12/17/18	COC No:
Company Name: LaBella Associates		Tel/Fax: 716-551-6283	Lab Contact: Melissa Deyo	Carrier:	1 of 1 COCs
Address: 300 Pearl Street Suite 130		Analysis Turnaround Time			Sampler:
City/State/Zip: Buffalo, NY 14202		☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 716-551-6281		TAT if different from Below STd.			Walk-in Client:
Fax: 716-551-6282		☐ 2 weeks			Lab Sampling:
Project Name: Edgewood Warehouse		☐ 1 week			
Site: Dunkirk, NY		☐ 2 days			Job / SDG No.:
PO # 2171946		☐ 1 day			

480-147006 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	CP-51 gasoline list	Sample Specific Notes:
UST-Conf. Floor-1	12/17/18	1530	G	Soil	3	N	N	X	
UST-Conf. Sidewall-1	12/17/18	1535	G	Soil	3	N	N	X	
UST-Conf. Sidewall-2	12/17/18	1540	G	Soil	3	N	N	X	
UST-Conf. Sidewall-3	12/17/18	1545	G	Soil	3	N	N	X	
UST-Conf. Sidewall-4	12/17/18	1550	G	Soil	3	N	N	X	

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:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.: 1400		Cooler Temp. (°C): Obs'd: 4.6 Corr'd:		Therm ID No.: 3
Relinquished by: Jessica L. Dombrowski	Company: LaBella Associates	Date/Time: 12/18/18	Received by: [signature]	Company: TAB	Date/Time: 12/18/18 1400
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-147006-1

Login Number: 147006
List Number: 1
Creator: Kinecki, Kenneth P

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	Freezer - 12/18/18 @ 1750
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	Labella
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

eurofins | Environment Testing TestAmerica

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-157571-1
Client Project/Site: Edgewood Warehouse, Dunkirk,NY

For:
LaBella Associates DPC
300 Pearl Street
Suite 130
Buffalo, New York 14202

Attn: Mr. Andrew Benkleman

Authorized for release by:
8/20/2019 3:37:58 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

Brian Fischer, Manager of Project Management
(716)504-9835
brian.fischer@testamericainc.com

Table of Contents

Definitions/Glossary

Client: LaBella Associates DPC
Job ID: 480-157571-1
Project/Site: Edgewood Warehouse, Dunkirk,NY

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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: 480-157571-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-157571-1

Receipt
The samples were received on 8/13/2019 8:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.4° C.

GC/MS VOA
Method(s) 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: MW-4RR (480-157571-1), MW-4RR (480-157571-1[MS]), MW-4RR (480-157571-1[MSD]) and MW-16 (480-157571-2). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-15 (480-157571-4). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-487337 recovered above the upper control limit for tert-Butylbenzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: DUP (480-157571-5).

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

Detection Summary

Client: LaBella Associates DPC
Job ID: 480-157571-1
Project/Site: Edgewood Warehouse, Dunkirk,NY

Client Sample ID: MW-4RR — Lab Sample ID: 480-157571-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroethane	5.3		4.0	1.3	ug/L	4		8260C	Total/NA

Client Sample ID: MW-16 — Lab Sample ID: 480-157571-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	26		10	9.0	ug/L	10		8260C	Total/NA

Client Sample ID: MW-11 — Lab Sample ID: 480-157571-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	21		1.0	0.38	ug/L	1		8260C	Total/NA
2-Butanone (MEK)	190		10	1.3	ug/L	1		8260C	Total/NA
Acetone	52		10	3.0	ug/L	1		8260C	Total/NA
Chloroethane	32		1.0	0.32	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	2.6		1.0	0.81	ug/L	1		8260C	Total/NA
Toluene	44		1.0	0.51	ug/L	1		8260C	Total/NA
Vinyl chloride	8.2		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: MW-15 — Lab Sample ID: 480-157571-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.8	J	5.0	1.9	ug/L	5		8260C	Total/NA
1,2,4-Trimethylbenzene	130		5.0	3.8	ug/L	5		8260C	Total/NA
1,3,5-Trimethylbenzene	37		5.0	3.9	ug/L	5		8260C	Total/NA
2-Butanone (MEK)	22	J	50	6.6	ug/L	5		8260C	Total/NA
4-Isopropyltoluene	2.0	J	5.0	1.6	ug/L	5		8260C	Total/NA
Acetone	29	J	50	15	ug/L	5		8260C	Total/NA
Benzene	2.8	J	5.0	2.1	ug/L	5		8260C	Total/NA
Ethylbenzene	14		5.0	3.7	ug/L	5		8260C	Total/NA
Isopropylbenzene	7.0		5.0	4.0	ug/L	5		8260C	Total/NA
Methylcyclohexane	7.9		5.0	0.80	ug/L	5		8260C	Total/NA
Naphthalene	8.6		5.0	2.2	ug/L	5		8260C	Total/NA
n-Butylbenzene	9.5		5.0	3.2	ug/L	5		8260C	Total/NA
N-Propylbenzene	21		5.0	3.5	ug/L	5		8260C	Total/NA
Xylenes, Total	53		10	3.3	ug/L	5		8260C	Total/NA

Client Sample ID: DUP — Lab Sample ID: 480-157571-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	22		1.0	0.38	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	0.39	J	1.0	0.29	ug/L	1		8260C	Total/NA
2-Butanone (MEK)	180		10	1.3	ug/L	1		8260C	Total/NA
Acetone	51		10	3.0	ug/L	1		8260C	Total/NA
Chloroethane	34		1.0	0.32	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	2.9		1.0	0.81	ug/L	1		8260C	Total/NA
Toluene	44		1.0	0.51	ug/L	1		8260C	Total/NA
Vinyl chloride	8.5		1.0	0.90	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

Job ID: 480-157571-1

Client Sample ID: MW-4RR
Date Collected: 08/12/19 16:15
Date Received: 08/13/19 08:00

Lab Sample ID: 480-157571-1
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	ND		4.0	3.3	ug/L			08/15/19 01:01	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			08/15/19 01:01	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			08/15/19 01:01	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			08/15/19 01:01	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			08/15/19 01:01	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			08/15/19 01:01	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			08/15/19 01:01	4
1,2,4-Trimethylbenzene	ND		4.0	3.0	ug/L			08/15/19 01:01	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			08/15/19 01:01	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			08/15/19 01:01	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			08/15/19 01:01	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			08/15/19 01:01	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			08/15/19 01:01	4
1,3,5-Trimethylbenzene	ND		4.0	3.1	ug/L			08/15/19 01:01	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			08/15/19 01:01	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			08/15/19 01:01	4
2-Butanone (MEK)	ND		40	5.3	ug/L			08/15/19 01:01	4
2-Hexanone	ND		20	5.0	ug/L			08/15/19 01:01	4
4-Isopropyltoluene	ND		4.0	1.2	ug/L			08/15/19 01:01	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			08/15/19 01:01	4
Acetone	ND		40	12	ug/L			08/15/19 01:01	4
Benzene	ND		4.0	1.6	ug/L			08/15/19 01:01	4
Bromodichloromethane	ND		4.0	1.6	ug/L			08/15/19 01:01	4
Bromoform	ND		4.0	1.0	ug/L			08/15/19 01:01	4
Bromomethane	ND		4.0	2.8	ug/L			08/15/19 01:01	4
Carbon disulfide	ND		4.0	0.76	ug/L			08/15/19 01:01	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			08/15/19 01:01	4
Chlorobenzene	ND		4.0	3.0	ug/L			08/15/19 01:01	4
Chloroethane	**5.3**		4.0	1.3	ug/L			08/15/19 01:01	4
Chloroform	ND		4.0	1.4	ug/L			08/15/19 01:01	4
Chloromethane	ND		4.0	1.4	ug/L			08/15/19 01:01	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			08/15/19 01:01	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			08/15/19 01:01	4
Cyclohexane	ND		4.0	0.72	ug/L			08/15/19 01:01	4
Dibromochloromethane	ND		4.0	1.3	ug/L			08/15/19 01:01	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			08/15/19 01:01	4
Ethylbenzene	ND		4.0	3.0	ug/L			08/15/19 01:01	4
Isopropylbenzene	ND		4.0	3.2	ug/L			08/15/19 01:01	4
Methyl acetate	ND		10	5.2	ug/L			08/15/19 01:01	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			08/15/19 01:01	4
Methylcyclohexane	ND		4.0	0.64	ug/L			08/15/19 01:01	4
Methylene Chloride	ND		4.0	1.8	ug/L			08/15/19 01:01	4
Naphthalene	ND		4.0	1.7	ug/L			08/15/19 01:01	4
n-Butylbenzene	ND		4.0	2.6	ug/L			08/15/19 01:01	4
N-Propylbenzene	ND		4.0	2.8	ug/L			08/15/19 01:01	4
sec-Butylbenzene	ND		4.0	3.0	ug/L			08/15/19 01:01	4
Styrene	ND		4.0	2.9	ug/L			08/15/19 01:01	4
tert-Butylbenzene	ND		4.0	3.2	ug/L			08/15/19 01:01	4
Tetrachloroethene	ND		4.0	1.4	ug/L			08/15/19 01:01	4

Client Sample ID: MW-4RR
Lab Sample ID: 480-157571-1

Date Collected: 08/12/19 16:15
Matrix: Water
Date Received: 08/13/19 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		4.0	2.0	ug/L			08/15/19 01:01	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			08/15/19 01:01	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			08/15/19 01:01	4
Trichloroethene	ND		4.0	1.8	ug/L			08/15/19 01:01	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			08/15/19 01:01	4
Vinyl chloride	ND		4.0	3.6	ug/L			08/15/19 01:01	4
Xylenes, Total	ND		8.0	2.6	ug/L			08/15/19 01:01	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*08/15/19 01:01*	*4*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*08/15/19 01:01*	*4*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*08/15/19 01:01*	*4*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/15/19 01:01*	*4*

Client Sample ID: MW-16
Lab Sample ID: 480-157571-2

Date Collected: 08/12/19 13:30
Matrix: Water
Date Received: 08/13/19 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			08/15/19 01:25	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			08/15/19 01:25	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			08/15/19 01:25	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			08/15/19 01:25	10
1,1-Dichloroethane	ND		10	3.8	ug/L			08/15/19 01:25	10
1,1-Dichloroethene	ND		10	2.9	ug/L			08/15/19 01:25	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			08/15/19 01:25	10
1,2,4-Trimethylbenzene	ND		10	7.5	ug/L			08/15/19 01:25	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			08/15/19 01:25	10
1,2-Dibromoethane	ND		10	7.3	ug/L			08/15/19 01:25	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			08/15/19 01:25	10
1,2-Dichloroethane	ND		10	2.1	ug/L			08/15/19 01:25	10
1,2-Dichloropropane	ND		10	7.2	ug/L			08/15/19 01:25	10
1,3,5-Trimethylbenzene	ND		10	7.7	ug/L			08/15/19 01:25	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			08/15/19 01:25	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			08/15/19 01:25	10
2-Butanone (MEK)	ND		100	13	ug/L			08/15/19 01:25	10
2-Hexanone	ND		50	12	ug/L			08/15/19 01:25	10
4-Isopropyltoluene	ND		10	3.1	ug/L			08/15/19 01:25	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			08/15/19 01:25	10
Acetone	ND		100	30	ug/L			08/15/19 01:25	10
Benzene	ND		10	4.1	ug/L			08/15/19 01:25	10
Bromodichloromethane	ND		10	3.9	ug/L			08/15/19 01:25	10
Bromoform	ND		10	2.6	ug/L			08/15/19 01:25	10
Bromomethane	ND		10	6.9	ug/L			08/15/19 01:25	10
Carbon disulfide	ND		10	1.9	ug/L			08/15/19 01:25	10
Carbon tetrachloride	ND		10	2.7	ug/L			08/15/19 01:25	10
Chlorobenzene	ND		10	7.5	ug/L			08/15/19 01:25	10
Chloroethane	ND		10	3.2	ug/L			08/15/19 01:25	10
Chloroform	ND		10	3.4	ug/L			08/15/19 01:25	10

Client Sample ID: MW-16

Lab Sample ID: 480-157571-2

Date Collected: 08/12/19 13:30

Matrix: Water

Date Received: 08/13/19 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		10	3.5	ug/L			08/15/19 01:25	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			08/15/19 01:25	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			08/15/19 01:25	10
Cyclohexane	ND		10	1.8	ug/L			08/15/19 01:25	10
Dibromochloromethane	ND		10	3.2	ug/L			08/15/19 01:25	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			08/15/19 01:25	10
Ethylbenzene	ND		10	7.4	ug/L			08/15/19 01:25	10
Isopropylbenzene	ND		10	7.9	ug/L			08/15/19 01:25	10
Methyl acetate	ND		25	13	ug/L			08/15/19 01:25	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			08/15/19 01:25	10
Methylcyclohexane	ND		10	1.6	ug/L			08/15/19 01:25	10
Methylene Chloride	ND		10	4.4	ug/L			08/15/19 01:25	10
Naphthalene	ND		10	4.3	ug/L			08/15/19 01:25	10
n-Butylbenzene	ND		10	6.4	ug/L			08/15/19 01:25	10
N-Propylbenzene	ND		10	6.9	ug/L			08/15/19 01:25	10
sec-Butylbenzene	ND		10	7.5	ug/L			08/15/19 01:25	10
Styrene	ND		10	7.3	ug/L			08/15/19 01:25	10
tert-Butylbenzene	ND		10	8.1	ug/L			08/15/19 01:25	10
Tetrachloroethene	ND		10	3.6	ug/L			08/15/19 01:25	10
Toluene	ND		10	5.1	ug/L			08/15/19 01:25	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			08/15/19 01:25	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			08/15/19 01:25	10
Trichloroethene	ND		10	4.6	ug/L			08/15/19 01:25	10
Trichlorofluoromethane	ND		10	8.8	ug/L			08/15/19 01:25	10
Vinyl chloride	**26**		10	9.0	ug/L			08/15/19 01:25	10
Xylenes, Total	ND		20	6.6	ug/L			08/15/19 01:25	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*		*08/15/19 01:25*	*10*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*08/15/19 01:25*	*10*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*08/15/19 01:25*	*10*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/15/19 01:25*	*10*

Client Sample ID: MW-11

Lab Sample ID: 480-157571-3

Date Collected: 08/12/19 14:45

Matrix: Water

Date Received: 08/13/19 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/15/19 01:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/15/19 01:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/15/19 01:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/15/19 01:49	1
1,1-Dichloroethane	**21**		1.0	0.38	ug/L			08/15/19 01:49	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/15/19 01:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/15/19 01:49	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			08/15/19 01:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/15/19 01:49	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/15/19 01:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/15/19 01:49	1

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

Job ID: 480-157571-1

Client Sample ID: MW-11
Date Collected: 08/12/19 14:45
Date Received: 08/13/19 08:00

Lab Sample ID: 480-157571-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/15/19 01:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/15/19 01:49	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			08/15/19 01:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/15/19 01:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/15/19 01:49	1
2-Butanone (MEK)	**190**		10	1.3	ug/L			08/15/19 01:49	1
2-Hexanone	ND		5.0	1.2	ug/L			08/15/19 01:49	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			08/15/19 01:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/15/19 01:49	1
Acetone	**52**		10	3.0	ug/L			08/15/19 01:49	1
Benzene	ND		1.0	0.41	ug/L			08/15/19 01:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/15/19 01:49	1
Bromoform	ND		1.0	0.26	ug/L			08/15/19 01:49	1
Bromomethane	ND		1.0	0.69	ug/L			08/15/19 01:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/15/19 01:49	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/15/19 01:49	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/15/19 01:49	1
Chloroethane	**32**		1.0	0.32	ug/L			08/15/19 01:49	1
Chloroform	ND		1.0	0.34	ug/L			08/15/19 01:49	1
Chloromethane	ND		1.0	0.35	ug/L			08/15/19 01:49	1
cis-1,2-Dichloroethene	**2.6**		1.0	0.81	ug/L			08/15/19 01:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/15/19 01:49	1
Cyclohexane	ND		1.0	0.18	ug/L			08/15/19 01:49	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/15/19 01:49	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/15/19 01:49	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/15/19 01:49	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/15/19 01:49	1
Methyl acetate	ND		2.5	1.3	ug/L			08/15/19 01:49	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/15/19 01:49	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/15/19 01:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/15/19 01:49	1
Naphthalene	ND		1.0	0.43	ug/L			08/15/19 01:49	1
n-Butylbenzene	ND		1.0	0.64	ug/L			08/15/19 01:49	1
N-Propylbenzene	ND		1.0	0.69	ug/L			08/15/19 01:49	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			08/15/19 01:49	1
Styrene	ND		1.0	0.73	ug/L			08/15/19 01:49	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			08/15/19 01:49	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/15/19 01:49	1
Toluene	**44**		1.0	0.51	ug/L			08/15/19 01:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/15/19 01:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/15/19 01:49	1
Trichloroethene	ND		1.0	0.46	ug/L			08/15/19 01:49	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/15/19 01:49	1
Vinyl chloride	**8.2**		1.0	0.90	ug/L			08/15/19 01:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/15/19 01:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*08/15/19 01:49*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*08/15/19 01:49*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*08/15/19 01:49*	*1*

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

Job ID: 480-157571-1

Client Sample ID: MW-11

Lab Sample ID: 480-157571-3

Date Collected: 08/12/19 14:45
Matrix: Water
Date Received: 08/13/19 08:00

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		08/15/19 01:49	1

Client Sample ID: MW-15

Lab Sample ID: 480-157571-4

Date Collected: 08/12/19 15:30
Matrix: Water
Date Received: 08/13/19 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			08/15/19 02:14	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			08/15/19 02:14	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			08/15/19 02:14	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			08/15/19 02:14	5
1,1-Dichloroethane	**2.8**	**J**	5.0	1.9	ug/L			08/15/19 02:14	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			08/15/19 02:14	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			08/15/19 02:14	5
1,2,4-Trimethylbenzene	**130**		5.0	3.8	ug/L			08/15/19 02:14	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			08/15/19 02:14	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			08/15/19 02:14	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			08/15/19 02:14	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			08/15/19 02:14	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			08/15/19 02:14	5
1,3,5-Trimethylbenzene	**37**		5.0	3.9	ug/L			08/15/19 02:14	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			08/15/19 02:14	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			08/15/19 02:14	5
2-Butanone (MEK)	**22**	**J**	50	6.6	ug/L			08/15/19 02:14	5
2-Hexanone	ND		25	6.2	ug/L			08/15/19 02:14	5
4-Isopropyltoluene	**2.0**	**J**	5.0	1.6	ug/L			08/15/19 02:14	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			08/15/19 02:14	5
Acetone	**29**	**J**	50	15	ug/L			08/15/19 02:14	5
Benzene	**2.8**	**J**	5.0	2.1	ug/L			08/15/19 02:14	5
Bromodichloromethane	ND		5.0	2.0	ug/L			08/15/19 02:14	5
Bromoform	ND		5.0	1.3	ug/L			08/15/19 02:14	5
Bromomethane	ND		5.0	3.5	ug/L			08/15/19 02:14	5
Carbon disulfide	ND		5.0	0.95	ug/L			08/15/19 02:14	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			08/15/19 02:14	5
Chlorobenzene	ND		5.0	3.8	ug/L			08/15/19 02:14	5
Chloroethane	ND		5.0	1.6	ug/L			08/15/19 02:14	5
Chloroform	ND		5.0	1.7	ug/L			08/15/19 02:14	5
Chloromethane	ND		5.0	1.8	ug/L			08/15/19 02:14	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			08/15/19 02:14	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			08/15/19 02:14	5
Cyclohexane	ND		5.0	0.90	ug/L			08/15/19 02:14	5
Dibromochloromethane	ND		5.0	1.6	ug/L			08/15/19 02:14	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			08/15/19 02:14	5
Ethylbenzene	**14**		5.0	3.7	ug/L			08/15/19 02:14	5
Isopropylbenzene	**7.0**		5.0	4.0	ug/L			08/15/19 02:14	5
Methyl acetate	ND		13	6.5	ug/L			08/15/19 02:14	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			08/15/19 02:14	5
Methylcyclohexane	**7.9**		5.0	0.80	ug/L			08/15/19 02:14	5

Client Sample ID: MW-15

Lab Sample ID: 480-157571-4

Date Collected: 08/12/19 15:30

Matrix: Water

Date Received: 08/13/19 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		5.0	2.2	ug/L			08/15/19 02:14	5
Naphthalene	**8.6**		5.0	2.2	ug/L			08/15/19 02:14	5
n-Butylbenzene	**9.5**		5.0	3.2	ug/L			08/15/19 02:14	5
N-Propylbenzene	**21**		5.0	3.5	ug/L			08/15/19 02:14	5
sec-Butylbenzene	ND		5.0	3.8	ug/L			08/15/19 02:14	5
Styrene	ND		5.0	3.7	ug/L			08/15/19 02:14	5
tert-Butylbenzene	ND		5.0	4.1	ug/L			08/15/19 02:14	5
Tetrachloroethene	ND		5.0	1.8	ug/L			08/15/19 02:14	5
Toluene	ND		5.0	2.6	ug/L			08/15/19 02:14	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			08/15/19 02:14	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			08/15/19 02:14	5
Trichloroethene	ND		5.0	2.3	ug/L			08/15/19 02:14	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			08/15/19 02:14	5
Vinyl chloride	ND		5.0	4.5	ug/L			08/15/19 02:14	5
Xylenes, Total	**53**		10	3.3	ug/L			08/15/19 02:14	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*08/15/19 02:14*	*5*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*08/15/19 02:14*	*5*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*08/15/19 02:14*	*5*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/15/19 02:14*	*5*

Client Sample ID: DUP

Lab Sample ID: 480-157571-5

Date Collected: 08/12/19 00:00

Matrix: Water

Date Received: 08/13/19 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/15/19 21:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/15/19 21:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/15/19 21:45	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/15/19 21:45	1
1,1-Dichloroethane	**22**		1.0	0.38	ug/L			08/15/19 21:45	1
1,1-Dichloroethene	**0.39**	**J**	1.0	0.29	ug/L			08/15/19 21:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/15/19 21:45	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			08/15/19 21:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/15/19 21:45	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/15/19 21:45	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/15/19 21:45	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/15/19 21:45	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/15/19 21:45	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			08/15/19 21:45	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/15/19 21:45	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/15/19 21:45	1
2-Butanone (MEK)	**180**		10	1.3	ug/L			08/15/19 21:45	1
2-Hexanone	ND		5.0	1.2	ug/L			08/15/19 21:45	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			08/15/19 21:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/15/19 21:45	1
Acetone	**51**		10	3.0	ug/L			08/15/19 21:45	1
Benzene	ND		1.0	0.41	ug/L			08/15/19 21:45	1

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

Job ID: 480-157571-1

Client Sample ID: DUP
Date Collected: 08/12/19 00:00
Date Received: 08/13/19 08:00

Lab Sample ID: 480-157571-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		1.0	0.39	ug/L			08/15/19 21:45	1
Bromoform	ND		1.0	0.26	ug/L			08/15/19 21:45	1
Bromomethane	ND		1.0	0.69	ug/L			08/15/19 21:45	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/15/19 21:45	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/15/19 21:45	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/15/19 21:45	1
Chloroethane	**34**		1.0	0.32	ug/L			08/15/19 21:45	1
Chloroform	ND		1.0	0.34	ug/L			08/15/19 21:45	1
Chloromethane	ND		1.0	0.35	ug/L			08/15/19 21:45	1
cis-1,2-Dichloroethene	**2.9**		1.0	0.81	ug/L			08/15/19 21:45	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/15/19 21:45	1
Cyclohexane	ND		1.0	0.18	ug/L			08/15/19 21:45	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/15/19 21:45	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/15/19 21:45	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/15/19 21:45	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/15/19 21:45	1
Methyl acetate	ND		2.5	1.3	ug/L			08/15/19 21:45	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/15/19 21:45	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/15/19 21:45	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/15/19 21:45	1
Naphthalene	ND		1.0	0.43	ug/L			08/15/19 21:45	1
n-Butylbenzene	ND		1.0	0.64	ug/L			08/15/19 21:45	1
N-Propylbenzene	ND		1.0	0.69	ug/L			08/15/19 21:45	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			08/15/19 21:45	1
Styrene	ND		1.0	0.73	ug/L			08/15/19 21:45	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			08/15/19 21:45	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/15/19 21:45	1
Toluene	**44**		1.0	0.51	ug/L			08/15/19 21:45	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/15/19 21:45	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/15/19 21:45	1
Trichloroethene	ND		1.0	0.46	ug/L			08/15/19 21:45	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/15/19 21:45	1
Vinyl chloride	**8.5**		1.0	0.90	ug/L			08/15/19 21:45	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/15/19 21:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*08/15/19 21:45*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*08/15/19 21:45*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*08/15/19 21:45*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*08/15/19 21:45*	*1*

Surrogate Summary

Client: LaBella Associates DPC
Job ID: 480-157571-1
Project/Site: Edgewood Warehouse, Dunkirk,NY

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(75-123)	(80-120)
480-157571-1	MW-4RR	98	104	101	102
480-157571-1 MS	MW-4RR	94	103	98	98
480-157571-1 MSD	MW-4RR	96	104	102	98
480-157571-2	MW-16	95	103	99	100
480-157571-3	MW-11	100	102	103	98
480-157571-4	MW-15	101	105	100	98
480-157571-5	DUP	99	103	103	97
LCS 480-487088/5	Lab Control Sample	98	100	100	99
LCS 480-487337/5	Lab Control Sample	96	103	101	100
MB 480-487088/7	Method Blank	100	105	104	102
MB 480-487337/7	Method Blank	102	101	105	98

Surrogate Legend

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

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

Lab Sample ID: MB 480-487088/7
Matrix: Water
Analysis Batch: 487088

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	ND		1.0	0.82	ug/L			08/14/19 22:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/14/19 22:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/14/19 22:51	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/14/19 22:51	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/14/19 22:51	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/14/19 22:51	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/14/19 22:51	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			08/14/19 22:51	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/14/19 22:51	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/14/19 22:51	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/14/19 22:51	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/14/19 22:51	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/14/19 22:51	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			08/14/19 22:51	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/14/19 22:51	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/14/19 22:51	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/14/19 22:51	1
2-Hexanone	ND		5.0	1.2	ug/L			08/14/19 22:51	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			08/14/19 22:51	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/14/19 22:51	1
Acetone	ND		10	3.0	ug/L			08/14/19 22:51	1
Benzene	ND		1.0	0.41	ug/L			08/14/19 22:51	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/14/19 22:51	1
Bromoform	ND		1.0	0.26	ug/L			08/14/19 22:51	1
Bromomethane	ND		1.0	0.69	ug/L			08/14/19 22:51	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/14/19 22:51	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/14/19 22:51	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/14/19 22:51	1
Chloroethane	ND		1.0	0.32	ug/L			08/14/19 22:51	1
Chloroform	ND		1.0	0.34	ug/L			08/14/19 22:51	1
Chloromethane	ND		1.0	0.35	ug/L			08/14/19 22:51	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/14/19 22:51	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/14/19 22:51	1
Cyclohexane	ND		1.0	0.18	ug/L			08/14/19 22:51	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/14/19 22:51	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/14/19 22:51	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/14/19 22:51	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/14/19 22:51	1
Methyl acetate	ND		2.5	1.3	ug/L			08/14/19 22:51	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/14/19 22:51	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/14/19 22:51	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/14/19 22:51	1
Naphthalene	ND		1.0	0.43	ug/L			08/14/19 22:51	1
n-Butylbenzene	ND		1.0	0.64	ug/L			08/14/19 22:51	1
N-Propylbenzene	ND		1.0	0.69	ug/L			08/14/19 22:51	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			08/14/19 22:51	1
Styrene	ND		1.0	0.73	ug/L			08/14/19 22:51	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			08/14/19 22:51	1

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

Lab Sample ID: MB 480-487088/7
Matrix: Water
Analysis Batch: 487088

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.0	0.36	ug/L			08/14/19 22:51	1
Toluene	ND		1.0	0.51	ug/L			08/14/19 22:51	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/14/19 22:51	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/14/19 22:51	1
Trichloroethene	ND		1.0	0.46	ug/L			08/14/19 22:51	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/14/19 22:51	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/14/19 22:51	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/14/19 22:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*08/14/19 22:51*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*08/14/19 22:51*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*08/14/19 22:51*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/14/19 22:51*	*1*

Lab Sample ID: LCS 480-487088/5
Matrix: Water
Analysis Batch: 487088

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	25.0	26.7		ug/L		107	73 - 126
1,1,2,2-Tetrachloroethane	25.0	26.1		ug/L		104	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroetha ne	25.0	29.0		ug/L		116	61 - 148
1,1,2-Trichloroethane	25.0	25.2		ug/L		101	76 - 122
1,1-Dichloroethane	25.0	25.3		ug/L		101	77 - 120
1,1-Dichloroethene	25.0	27.8		ug/L		111	66 - 127
1,2,4-Trichlorobenzene	25.0	27.0		ug/L		108	79 - 122
1,2,4-Trimethylbenzene	25.0	26.6		ug/L		107	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	26.7		ug/L		107	56 - 134
1,2-Dibromoethane	25.0	25.0		ug/L		100	77 - 120
1,2-Dichlorobenzene	25.0	26.0		ug/L		104	80 - 124
1,2-Dichloroethane	25.0	23.1		ug/L		92	75 - 120
1,2-Dichloropropane	25.0	26.2		ug/L		105	76 - 120
1,3,5-Trimethylbenzene	25.0	27.4		ug/L		110	77 - 121
1,3-Dichlorobenzene	25.0	26.3		ug/L		105	77 - 120
1,4-Dichlorobenzene	25.0	26.5		ug/L		106	80 - 120
2-Butanone (MEK)	125	116		ug/L		93	57 - 140
2-Hexanone	125	121		ug/L		97	65 - 127
4-Isopropyltoluene	25.0	28.1		ug/L		113	73 - 120
4-Methyl-2-pentanone (MIBK)	125	122		ug/L		98	71 - 125
Acetone	125	116		ug/L		92	56 - 142
Benzene	25.0	25.6		ug/L		103	71 - 124
Bromodichloromethane	25.0	23.5		ug/L		94	80 - 122
Bromoform	25.0	22.0		ug/L		88	61 - 132
Bromomethane	25.0	25.0		ug/L		100	55 - 144
Carbon disulfide	25.0	26.0		ug/L		104	59 - 134
Carbon tetrachloride	25.0	25.8		ug/L		103	72 - 134
Chlorobenzene	25.0	25.6		ug/L		102	80 - 120

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

Lab Sample ID: LCS 480-487088/5
Matrix: Water
Analysis Batch: 487088

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	25.0	24.4		ug/L		98	69 - 136
Chloroform	25.0	24.1		ug/L		97	73 - 127
Chloromethane	25.0	24.2		ug/L		97	68 - 124
cis-1,2-Dichloroethene	25.0	26.1		ug/L		104	74 - 124
cis-1,3-Dichloropropene	25.0	25.3		ug/L		101	74 - 124
Cyclohexane	25.0	27.0		ug/L		108	59 - 135
Dibromochloromethane	25.0	23.8		ug/L		95	75 - 125
Dichlorodifluoromethane	25.0	29.0		ug/L		116	59 - 135
Ethylbenzene	25.0	25.9		ug/L		104	77 - 123
Isopropylbenzene	25.0	28.2		ug/L		113	77 - 122
Methyl acetate	50.0	45.6		ug/L		91	74 - 133
Methyl tert-butyl ether	25.0	24.3		ug/L		97	77 - 120
Methylcyclohexane	25.0	28.6		ug/L		114	68 - 134
Methylene Chloride	25.0	26.2		ug/L		105	75 - 124
Naphthalene	25.0	26.3		ug/L		105	66 - 125
n-Butylbenzene	25.0	26.4		ug/L		106	71 - 128
N-Propylbenzene	25.0	26.8		ug/L		107	75 - 127
sec-Butylbenzene	25.0	27.8		ug/L		111	74 - 127
Styrene	25.0	25.5		ug/L		102	80 - 120
tert-Butylbenzene	25.0	29.0		ug/L		116	75 - 123
Tetrachloroethene	25.0	27.6		ug/L		110	74 - 122
Toluene	25.0	25.4		ug/L		102	80 - 122
trans-1,2-Dichloroethene	25.0	25.3		ug/L		101	73 - 127
trans-1,3-Dichloropropene	25.0	24.3		ug/L		97	80 - 120
Trichloroethene	25.0	25.8		ug/L		103	74 - 123
Trichlorofluoromethane	25.0	28.1		ug/L		112	62 - 150
Vinyl chloride	25.0	26.2		ug/L		105	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*
Dibromofluoromethane (Surr)	*100*		*75 - 123*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: 480-157571-1 MS
Matrix: Water
Analysis Batch: 487088

Client Sample ID: MW-4RR
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		100	103		ug/L		103	73 - 126
1,1,2,2-Tetrachloroethane	ND		100	99.8		ug/L		100	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	114		ug/L		114	61 - 148
1,1,2-Trichloroethane	ND		100	97.0		ug/L		97	76 - 122
1,1-Dichloroethane	ND		100	98.5		ug/L		99	77 - 120
1,1-Dichloroethene	ND		100	108		ug/L		108	66 - 127
1,2,4-Trichlorobenzene	ND		100	105		ug/L		105	79 - 122
1,2,4-Trimethylbenzene	ND		100	105		ug/L		105	76 - 121
1,2-Dibromo-3-Chloropropane	ND		100	96.1		ug/L		96	56 - 134

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

Lab Sample ID: 480-157571-1 MS
Matrix: Water
Analysis Batch: 487088

Client Sample ID: MW-4RR
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane	ND		100	99.6		ug/L		100	77 - 120
1,2-Dichlorobenzene	ND		100	102		ug/L		102	80 - 124
1,2-Dichloroethane	ND		100	92.5		ug/L		92	75 - 120
1,2-Dichloropropane	ND		100	101		ug/L		101	76 - 120
1,3,5-Trimethylbenzene	ND		100	106		ug/L		106	77 - 121
1,3-Dichlorobenzene	ND		100	103		ug/L		103	77 - 120
1,4-Dichlorobenzene	ND		100	101		ug/L		101	78 - 124
2-Butanone (MEK)	ND		500	425		ug/L		85	57 - 140
2-Hexanone	ND		500	445		ug/L		89	65 - 127
4-Isopropyltoluene	ND		100	111		ug/L		111	73 - 120
4-Methyl-2-pentanone (MIBK)	ND		500	460		ug/L		92	71 - 125
Acetone	ND		500	402		ug/L		80	56 - 142
Benzene	ND		100	98.8		ug/L		99	71 - 124
Bromodichloromethane	ND		100	90.6		ug/L		91	80 - 122
Bromoform	ND		100	77.2		ug/L		77	61 - 132
Bromomethane	ND		100	92.8		ug/L		93	55 - 144
Carbon disulfide	ND		100	92.1		ug/L		92	59 - 134
Carbon tetrachloride	ND		100	102		ug/L		102	72 - 134
Chlorobenzene	ND		100	99.2		ug/L		99	80 - 120
Chloroethane	5.3		100	97.2		ug/L		92	69 - 136
Chloroform	ND		100	93.1		ug/L		93	73 - 127
Chloromethane	ND		100	92.2		ug/L		92	68 - 124
cis-1,2-Dichloroethene	ND		100	99.7		ug/L		100	74 - 124
cis-1,3-Dichloropropene	ND		100	90.3		ug/L		90	74 - 124
Cyclohexane	ND		100	104		ug/L		104	59 - 135
Dibromochloromethane	ND		100	89.4		ug/L		89	75 - 125
Dichlorodifluoromethane	ND		100	106		ug/L		106	59 - 135
Ethylbenzene	ND		100	102		ug/L		102	77 - 123
Isopropylbenzene	ND		100	106		ug/L		106	77 - 122
Methyl acetate	ND		200	178		ug/L		89	74 - 133
Methyl tert-butyl ether	ND		100	93.4		ug/L		93	77 - 120
Methylcyclohexane	ND		100	108		ug/L		108	68 - 134
Methylene Chloride	ND		100	98.1		ug/L		98	75 - 124
Naphthalene	ND		100	100		ug/L		100	66 - 125
n-Butylbenzene	ND		100	103		ug/L		103	71 - 128
N-Propylbenzene	ND		100	104		ug/L		104	75 - 127
sec-Butylbenzene	ND		100	109		ug/L		109	74 - 127
Styrene	ND		100	102		ug/L		102	80 - 120
tert-Butylbenzene	ND		100	112		ug/L		112	75 - 123
Tetrachloroethene	ND		100	109		ug/L		109	74 - 122
Toluene	ND		100	99.6		ug/L		100	80 - 122
trans-1,2-Dichloroethene	ND		100	99.4		ug/L		99	73 - 127
trans-1,3-Dichloropropene	ND		100	85.6		ug/L		86	80 - 120
Trichloroethene	ND		100	99.3		ug/L		99	74 - 123
Trichlorofluoromethane	ND		100	103		ug/L		103	62 - 150
Vinyl chloride	ND		100	96.5		ug/L		97	65 - 133

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

Lab Sample ID: 480-157571-1 MS
Matrix: Water
Analysis Batch: 487088

Client Sample ID: MW-4RR
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*
Dibromofluoromethane (Surr)	*98*		*75 - 123*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: 480-157571-1 MSD
Matrix: Water
Analysis Batch: 487088

Client Sample ID: MW-4RR
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		100	107		ug/L		107	73 - 126	4	15
1,1,2,2-Tetrachloroethane	ND		100	100		ug/L		100	76 - 120	1	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	117		ug/L		117	61 - 148	3	20
1,1,2-Trichloroethane	ND		100	101		ug/L		101	76 - 122	4	15
1,1-Dichloroethane	ND		100	103		ug/L		103	77 - 120	4	20
1,1-Dichloroethene	ND		100	116		ug/L		116	66 - 127	7	16
1,2,4-Trichlorobenzene	ND		100	104		ug/L		104	79 - 122	1	20
1,2,4-Trimethylbenzene	ND		100	103		ug/L		103	76 - 121	1	20
1,2-Dibromo-3-Chloropropane	ND		100	96.2		ug/L		96	56 - 134	0	15
1,2-Dibromoethane	ND		100	102		ug/L		102	77 - 120	3	15
1,2-Dichlorobenzene	ND		100	103		ug/L		103	80 - 124	1	20
1,2-Dichloroethane	ND		100	93.5		ug/L		94	75 - 120	1	20
1,2-Dichloropropane	ND		100	105		ug/L		105	76 - 120	4	20
1,3,5-Trimethylbenzene	ND		100	106		ug/L		106	77 - 121	0	20
1,3-Dichlorobenzene	ND		100	104		ug/L		104	77 - 120	0	20
1,4-Dichlorobenzene	ND		100	102		ug/L		102	78 - 124	1	20
2-Butanone (MEK)	ND		500	439		ug/L		88	57 - 140	3	20
2-Hexanone	ND		500	460		ug/L		92	65 - 127	3	15
4-Isopropyltoluene	ND		100	113		ug/L		113	73 - 120	2	20
4-Methyl-2-pentanone (MIBK)	ND		500	473		ug/L		95	71 - 125	3	35
Acetone	ND		500	423		ug/L		85	56 - 142	5	15
Benzene	ND		100	105		ug/L		105	71 - 124	7	13
Bromodichloromethane	ND		100	97.3		ug/L		97	80 - 122	7	15
Bromoform	ND		100	74.5		ug/L		75	61 - 132	3	15
Bromomethane	ND		100	95.5		ug/L		95	55 - 144	3	15
Carbon disulfide	ND		100	95.1		ug/L		95	59 - 134	3	15
Carbon tetrachloride	ND		100	108		ug/L		108	72 - 134	6	15
Chlorobenzene	ND		100	102		ug/L		102	80 - 120	3	25
Chloroethane	5.3		100	104		ug/L		98	69 - 136	6	15
Chloroform	ND		100	97.8		ug/L		98	73 - 127	5	20
Chloromethane	ND		100	94.1		ug/L		94	68 - 124	2	15
cis-1,2-Dichloroethene	ND		100	103		ug/L		103	74 - 124	3	15
cis-1,3-Dichloropropene	ND		100	96.3		ug/L		96	74 - 124	6	15
Cyclohexane	ND		100	108		ug/L		108	59 - 135	4	20
Dibromochloromethane	ND		100	91.1		ug/L		91	75 - 125	2	15
Dichlorodifluoromethane	ND		100	112		ug/L		112	59 - 135	6	20
Ethylbenzene	ND		100	103		ug/L		103	77 - 123	1	15
Isopropylbenzene	ND		100	108		ug/L		108	77 - 122	2	20

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

Lab Sample ID: 480-157571-1 MSD
Matrix: Water
Analysis Batch: 487088

Client Sample ID: MW-4RR
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl acetate	ND		200	178		ug/L		89	74 - 133	0	20
Methyl tert-butyl ether	ND		100	96.8		ug/L		97	77 - 120	4	37
Methylcyclohexane	ND		100	113		ug/L		113	68 - 134	5	20
Methylene Chloride	ND		100	103		ug/L		103	75 - 124	5	15
Naphthalene	ND		100	103		ug/L		103	66 - 125	3	20
n-Butylbenzene	ND		100	104		ug/L		104	71 - 128	2	15
N-Propylbenzene	ND		100	104		ug/L		104	75 - 127	1	15
sec-Butylbenzene	ND		100	110		ug/L		110	74 - 127	1	15
Styrene	ND		100	102		ug/L		102	80 - 120	0	20
tert-Butylbenzene	ND		100	111		ug/L		111	75 - 123	1	15
Tetrachloroethene	ND		100	107		ug/L		107	74 - 122	2	20
Toluene	ND		100	100		ug/L		100	80 - 122	0	15
trans-1,2-Dichloroethene	ND		100	103		ug/L		103	73 - 127	4	20
trans-1,3-Dichloropropene	ND		100	90.1		ug/L		90	80 - 120	5	15
Trichloroethene	ND		100	104		ug/L		104	74 - 123	5	16
Trichlorofluoromethane	ND		100	109		ug/L		109	62 - 150	5	20
Vinyl chloride	ND		100	103		ug/L		103	65 - 133	6	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*
Dibromofluoromethane (Surr)	*102*		*75 - 123*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: MB 480-487337/7
Matrix: Water
Analysis Batch: 487337

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	ND		1.0	0.82	ug/L			08/15/19 21:07	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/15/19 21:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/15/19 21:07	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/15/19 21:07	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/15/19 21:07	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/15/19 21:07	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/15/19 21:07	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			08/15/19 21:07	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/15/19 21:07	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/15/19 21:07	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/15/19 21:07	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/15/19 21:07	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/15/19 21:07	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			08/15/19 21:07	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/15/19 21:07	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/15/19 21:07	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/15/19 21:07	1
2-Hexanone	ND		5.0	1.2	ug/L			08/15/19 21:07	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			08/15/19 21:07	1

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

Lab Sample ID: MB 480-487337/7
Matrix: Water
Analysis Batch: 487337

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/15/19 21:07	1
Acetone	ND		10	3.0	ug/L			08/15/19 21:07	1
Benzene	ND		1.0	0.41	ug/L			08/15/19 21:07	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/15/19 21:07	1
Bromoform	ND		1.0	0.26	ug/L			08/15/19 21:07	1
Bromomethane	ND		1.0	0.69	ug/L			08/15/19 21:07	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/15/19 21:07	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/15/19 21:07	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/15/19 21:07	1
Chloroethane	ND		1.0	0.32	ug/L			08/15/19 21:07	1
Chloroform	ND		1.0	0.34	ug/L			08/15/19 21:07	1
Chloromethane	ND		1.0	0.35	ug/L			08/15/19 21:07	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/15/19 21:07	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/15/19 21:07	1
Cyclohexane	ND		1.0	0.18	ug/L			08/15/19 21:07	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/15/19 21:07	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/15/19 21:07	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/15/19 21:07	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/15/19 21:07	1
Methyl acetate	ND		2.5	1.3	ug/L			08/15/19 21:07	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/15/19 21:07	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/15/19 21:07	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/15/19 21:07	1
Naphthalene	ND		1.0	0.43	ug/L			08/15/19 21:07	1
n-Butylbenzene	ND		1.0	0.64	ug/L			08/15/19 21:07	1
N-Propylbenzene	ND		1.0	0.69	ug/L			08/15/19 21:07	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			08/15/19 21:07	1
Styrene	ND		1.0	0.73	ug/L			08/15/19 21:07	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			08/15/19 21:07	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/15/19 21:07	1
Toluene	ND		1.0	0.51	ug/L			08/15/19 21:07	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/15/19 21:07	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/15/19 21:07	1
Trichloroethene	ND		1.0	0.46	ug/L			08/15/19 21:07	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/15/19 21:07	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/15/19 21:07	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/15/19 21:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*08/15/19 21:07*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*08/15/19 21:07*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*08/15/19 21:07*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/15/19 21:07*	*1*

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

Lab Sample ID: LCS 480-487337/5
Matrix: Water
Analysis Batch: 487337

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	25.0	27.5		ug/L		110	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.3		ug/L		101	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	30.2		ug/L		121	61 - 148
1,1,2-Trichloroethane	25.0	26.4		ug/L		106	76 - 122
1,1-Dichloroethane	25.0	26.0		ug/L		104	77 - 120
1,1-Dichloroethene	25.0	28.8		ug/L		115	66 - 127
1,2,4-Trichlorobenzene	25.0	28.1		ug/L		112	79 - 122
1,2,4-Trimethylbenzene	25.0	26.4		ug/L		106	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	25.1		ug/L		100	56 - 134
1,2-Dibromoethane	25.0	26.5		ug/L		106	77 - 120
1,2-Dichlorobenzene	25.0	26.0		ug/L		104	80 - 124
1,2-Dichloroethane	25.0	24.3		ug/L		97	75 - 120
1,2-Dichloropropane	25.0	25.9		ug/L		104	76 - 120
1,3,5-Trimethylbenzene	25.0	27.0		ug/L		108	77 - 121
1,3-Dichlorobenzene	25.0	26.5		ug/L		106	77 - 120
1,4-Dichlorobenzene	25.0	26.6		ug/L		106	80 - 120
2-Butanone (MEK)	125	118		ug/L		95	57 - 140
2-Hexanone	125	127		ug/L		102	65 - 127
4-Isopropyltoluene	25.0	28.4		ug/L		113	73 - 120
4-Methyl-2-pentanone (MIBK)	125	127		ug/L		102	71 - 125
Acetone	125	117		ug/L		94	56 - 142
Benzene	25.0	26.3		ug/L		105	71 - 124
Bromodichloromethane	25.0	24.9		ug/L		100	80 - 122
Bromoform	25.0	23.2		ug/L		93	61 - 132
Bromomethane	25.0	24.1		ug/L		96	55 - 144
Carbon disulfide	25.0	27.4		ug/L		109	59 - 134
Carbon tetrachloride	25.0	27.1		ug/L		108	72 - 134
Chlorobenzene	25.0	26.7		ug/L		107	80 - 120
Chloroethane	25.0	24.7		ug/L		99	69 - 136
Chloroform	25.0	24.7		ug/L		99	73 - 127
Chloromethane	25.0	25.0		ug/L		100	68 - 124
cis-1,2-Dichloroethene	25.0	26.7		ug/L		107	74 - 124
cis-1,3-Dichloropropene	25.0	26.1		ug/L		104	74 - 124
Cyclohexane	25.0	27.8		ug/L		111	59 - 135
Dibromochloromethane	25.0	25.7		ug/L		103	75 - 125
Dichlorodifluoromethane	25.0	31.6		ug/L		126	59 - 135
Ethylbenzene	25.0	26.7		ug/L		107	77 - 123
Isopropylbenzene	25.0	27.1		ug/L		108	77 - 122
Methyl acetate	50.0	48.5		ug/L		97	74 - 133
Methyl tert-butyl ether	25.0	24.7		ug/L		99	77 - 120
Methylcyclohexane	25.0	30.4		ug/L		121	68 - 134
Methylene Chloride	25.0	26.4		ug/L		105	75 - 124
Naphthalene	25.0	26.4		ug/L		106	66 - 125
n-Butylbenzene	25.0	27.3		ug/L		109	71 - 128
N-Propylbenzene	25.0	26.5		ug/L		106	75 - 127
sec-Butylbenzene	25.0	28.3		ug/L		113	74 - 127
Styrene	25.0	26.3		ug/L		105	80 - 120
tert-Butylbenzene	25.0	29.6		ug/L		118	75 - 123

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

Lab Sample ID: LCS 480-487337/5
Matrix: Water
Analysis Batch: 487337

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Tetrachloroethene			25.0	28.8		ug/L		115	74 - 122		
Toluene			25.0	26.4		ug/L		106	80 - 122		
trans-1,2-Dichloroethene			25.0	26.6		ug/L		107	73 - 127		
trans-1,3-Dichloropropene			25.0	24.9		ug/L		100	80 - 120		
Trichloroethene			25.0	26.6		ug/L		107	74 - 123		
Trichlorofluoromethane			25.0	27.6		ug/L		111	62 - 150		
Vinyl chloride			25.0	26.3		ug/L		105	65 - 133		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*
Dibromofluoromethane (Surr)	*101*		*75 - 123*
Toluene-d8 (Surr)	*100*		*80 - 120*

QC Association Summary

Client: LaBella Associates DPC
Job ID: 480-157571-1
Project/Site: Edgewood Warehouse, Dunkirk,NY

GC/MS VOA

Analysis Batch: 487088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-157571-1	MW-4RR	Total/NA	Water	8260C	
480-157571-2	MW-16	Total/NA	Water	8260C	
480-157571-3	MW-11	Total/NA	Water	8260C	
480-157571-4	MW-15	Total/NA	Water	8260C	
MB 480-487088/7	Method Blank	Total/NA	Water	8260C	
LCS 480-487088/5	Lab Control Sample	Total/NA	Water	8260C	
480-157571-1 MS	MW-4RR	Total/NA	Water	8260C	
480-157571-1 MSD	MW-4RR	Total/NA	Water	8260C	

Analysis Batch: 487337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-157571-5	DUP	Total/NA	Water	8260C	
MB 480-487337/7	Method Blank	Total/NA	Water	8260C	
LCS 480-487337/5	Lab Control Sample	Total/NA	Water	8260C	

Lab Chronicle

Client: LaBella Associates DPC
Job ID: 480-157571-1
Project/Site: Edgewood Warehouse, Dunkirk,NY

Client Sample ID: MW-4RR
Lab Sample ID: 480-157571-1
Date Collected: 08/12/19 16:15
Matrix: Water
Date Received: 08/13/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	487088	08/15/19 01:01	AMM	TAL BUF

Client Sample ID: MW-16
Lab Sample ID: 480-157571-2
Date Collected: 08/12/19 13:30
Matrix: Water
Date Received: 08/13/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	487088	08/15/19 01:25	AMM	TAL BUF

Client Sample ID: MW-11
Lab Sample ID: 480-157571-3
Date Collected: 08/12/19 14:45
Matrix: Water
Date Received: 08/13/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	487088	08/15/19 01:49	AMM	TAL BUF

Client Sample ID: MW-15
Lab Sample ID: 480-157571-4
Date Collected: 08/12/19 15:30
Matrix: Water
Date Received: 08/13/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	487088	08/15/19 02:14	AMM	TAL BUF

Client Sample ID: DUP
Lab Sample ID: 480-157571-5
Date Collected: 08/12/19 00:00
Matrix: Water
Date Received: 08/13/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	487337	08/15/19 21:45	AEM	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: LaBella Associates DPC
Job ID: 480-157571-1
Project/Site: Edgewood Warehouse, Dunkirk,NY

Laboratory: Eurofins TestAmerica, Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-20

Method Summary

Client: LaBella Associates DPC
Job ID: 480-157571-1
Project/Site: Edgewood Warehouse, Dunkirk,NY

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF

Protocol References:

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

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: LaBella Associates DPC
Job ID: 480-157571-1
Project/Site: Edgewood Warehouse, Dunkirk,NY

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-157571-1	MW-4RR	Water	08/12/19 16:15	08/13/19 08:00	
480-157571-2	MW-16	Water	08/12/19 13:30	08/13/19 08:00	
480-157571-3	MW-11	Water	08/12/19 14:45	08/13/19 08:00	
480-157571-4	MW-15	Water	08/12/19 15:30	08/13/19 08:00	
480-157571-5	DUP	Water	08/12/19 00:00	08/13/19 08:00	

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

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480-157571 Chain of Custody

Client Information	Sampler:	Lab PM: Fischer, Brian J	Carrier Trac
Client Contact: Jessica Dombrowski	Phone:	E-Mail: brian.fischer@testamericainc.com	

Company: LaBella Associates DPC

Address: 300 Pearl Street Suite 130
City: Buffalo
State, Zip: NY, 14202
Phone: 716-768-3184(Tel)
Email: JDombrowski@LaBellaPC.com
Project Name: Edgewood Warehouse, Dunkirk,NY
Site:

Due Date Requested:
TAT Requested (days):
PO #: 2171946
WO #:
Project #: 48018543
SSOW#:

Analysis Requested

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - (MOD) TCL VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
MW-4R	8/12/19	1615	G	Water			X		MS MSD
MW-16		1330		Water			X		
MW-1		1445		Water			X		
MW-15		1530		Water			X		
DUP		—		Water			X		
				Water					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	8/13/19 / 910		[signature]	8/13/19 0800	TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 3.4 #1 ICE

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-157571-1

Login Number: 157571

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Stopa, Erik S

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	LABELLA
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	