Groundwater
& Environmental Services, Inc.

495 Aero Drive, Suite 3 • Cheektowaga, New York 14225 • TEL (800) 287-7857 • Fax (866) 902-2187

July 14, 2015

Mr. Joshua Haugh
NYSDEC
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7017

Re: Stormwater Infiltration Basin Excavation Report
Barthelmes Manufacturing Site
15 Cairn Street
Rochester, New York
NYSDEC Site Number 828122

Dear Mr. Haugh:

Please find the enclosed *Stormwater Infiltration Basin Excavation Report* prepared by Groundwater and Environmental Services, Inc. (GES) for the New York State Department of Environmental Conservation (NYSDEC). This report details the excavation of contaminated soil from stormwater infiltration basin at the Barthelmes Manufacturing Site. Excavation and site restoration activities were completed from December 2 to 3, 2014, and March 3 to 5, 2015.

Soil excavation and site restoration activities were conducted by TREC Environmental, Inc. (TREC) of Spencerport, New York. The excavation was conducted under supervision of GES personnel and in accordance with the NYSDEC Standby Contractor Authorization Form with Callout ID #122726.

A total of 160.30 tons of impacted soil were excavated and transported to the Waste Management (WM) Mill Seat Land Fill in Bergen, New York.

If you have any questions, please contact GES at (800) 287-7857 at your convenience.

Sincerely,

GROUNDWATER & ENVIRONMENTAL SERVICES, INC.

Eric D. Popken
Project Manager

Enclosures

STORMWATER INFILTRATION BASIN EXCAVATION REPORT

BARTHELMES MANUFACTURING SITE
15 CAIRN STREET
ROCHESTER, NEW YORK
NYSDEC SITE NUMBER 828122

Prepared for

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONEMNTAL REMEDIATION
12TH FLOOR, 625 BROADWAY
ALBANY, NY 12233-7017

Report Date

July 7, 2015

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495 Aero Drive, Suite 3
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1.0 INTRODUCTION

Groundwater & Environmental Services, Inc. (GES) of Cheektowaga, New York provided oversight of the stormwater infiltration basin excavation activities completed at the Barthelmes Manufacturing Site, located at 15 Cairn Street in Rochester, New York (**Figure 1**). The excavation activities, detailed herein, were completed on behalf of the New York State Department of Environmental Conservation (NYSDEC). The stormwater infiltration basin excavation activities were completed in accordance with the NYSDEC Standby Contractor Authorization Form with Callout ID #122726.

Soil excavation and site restoration were conducted by TREC Environmental, Inc. (TREC) of Spencerport, New York. The excavation activities were completed in two phases from December 2 through 3, 2014, and from March 3 through 5, 2015. The remedial excavation was completed per the 1013 Record of Decision (ROD) to address the primary contaminants (chromium and barium) in the stormwater basin soil. A total of 160.30 tons of soil was excavated by TREC and transported to the Waste Management (WM) Mill Seat Landfill in Bergen, New York by Silvarole Trucking, Inc. (Silvarole) for disposal. The extent of each phase of the excavation is illustrated on **Figure 2** and **Figure 3**.

1.1 Site Health and Safety

A site specific Health and Safety Plan (HASP) was completed for use on the site during the completion of the stormwater infiltration basin excavation activities. The HASP included a listing of all site tasks, potential hazards, and procedures to be followed to complete each task. Two DustTrak II Model 8530 (DustTrak) particulate meters were used to monitor particulates as part of a community air monitoring program (CAMP) in accordance with **Appendix A** of NYSDEC Division of Remediation (DER-10) *Technical Guidance for Site Investigation and Remediation*. As part of the CAMP requirements, one DustTrak was placed upwind and one DustTrak was placed downwind of the work zone. No elevated downwind DustTrak readings were observed. DustTrak monitoring logs and graphs are located in **Appendix A**.

2.0 SOIL EXCAVATION

2.1 Stormwater Infiltration Basin Excavation Activities (December 2014)

On December 1, 2014, trees and vegetation were removed from the edge of the stormwater infiltration basin to allow access for excavation activities. Between December 2 and 3, 2014, TREC used a Deere 160G excavator to excavate soil from the stormwater infiltration basin on the west edge of the site property. Although the bottom of the infiltration basin initially contained no standing water, the excavated material was loose and wet. The material was mixed with sawdust in the excavation prior to loading into the roll-off containers. Excavated soil was observed to be black, wet organic/detritus material underlain by sand. Occasional petroleum odor and staining/sheen were observed. Photo documentation is located in **Appendix B**.

Throughout excavation activities, soil samples were collected and screened for organic vapors using a photoionization detector (PID) equipped with a 10.6 electron-volt (eV) lamp and calibrated with a 100 ppmv isobutylene standard. Headspace PID readings (via the sealed bag method) were also collected and are summarized in **Table 1**.

On December 3, 2014, the excavation was discontinued due to excessive groundwater entering the excavation pit.

Documentation soil samples for laboratory analysis were collected from each side wall (4 samples) and from the base (2 samples) of the excavation at locations and approved by the NYSDEC personnel onsite. Limits of soil excavation and post excavation soil sample locations are shown in **Figure 2** and **Figure 3**.

On December 4, 2014, waste profile samples were collected to establish a landfill disposal profile. A disposal sample was submitted for: laboratory analysis of the Toxicity Characteristic Leaching Procedure (TCLP) for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and metals; total mercury; total polychlorinated biphenyls (PCBs); and ignitability. On December 17, 2015, the laboratory analytical results were submitted to WM for disposal profile approval. On January 2, 2015 WM provided approval to accept the soil waste for disposal.

Excavated soil was loaded directly into lined roll-off containers for offsite disposal. Excavated soil was transported by Silvarole to the WM Mill Seat Landfill for disposal. Following the first phase of excavation 61.73 tons were removed in five lined roll-off containers on January 5 and 8, 2015. Soil disposal receipts are included in **Appendix C**.

2.2 Stormwater Infiltration Basin Excavation Activities (March 2015)

As summarized in Section 2.3, the analytical sampling results for the first excavation phase indicated additional excavation of the stormwater infiltration basin was needed. Additional excavation activities occurred on March 3 – 5, 2015, when conditions in the infiltration basin were expected to be drier. Site preparation (snow and vegetation removal) occurred on March 3, 2015, to accommodate the expanded excavation activities. On March 4 – 5, 2015, TREC used a Cat 325 long-stick excavator to excavate and load soil directly into lined roll-off containers for offsite disposal. Excavated soil was observed to be black, wet organic/detritus material underlain by sand. Petroleum odor and staining/sheen were observed in the northeast portion of the excavation. The excavation was extended vertically and horizontally based on field observations to the extent of feasible. The material was mixed with sawdust in the excavation prior the loading into roll-off containers. Photo documentation is provided in **Appendix B**.

Throughout excavation activities, soil samples were collected and screened for organic vapors as previously described.

Confirmation soil samples for laboratory analysis were collected from the final excavation extents at locations approved by the NYSDEC personnel onsite. Limits of the second phase excavation and sample locations are shown in **Figure 2** and **Figure 3**.

Upon completion of excavation activities, snow fencing was placed at the north, east, and south edge of the excavation to mark the perimeter of the excavation for future reference. No fencing was placed on the west edge of the excavation due to inaccessibility. To prevent entry to the excavation area, snow fencing was installed between the trees and metal fence outside of the stormwater infiltration basin.

Excavated soil was transported by Silvarole to the WM Mill Seat Landfill for disposal. For the second phase of excavation, 98.57 tons were removed in 10 lined roll-off containers on March 6, 2015. Soil disposal receipts are included in **Appendix C**.

Because the excavator did not enter the excavation during either event, equipment decontamination was limited to the excavator bucket and arm near the connection to the bucket. The equipment was decontaminated with a pressure washer and water containing a liquinox solution. The bucket was held above one of the roll-off dumpsters, allowing all decontamination washings to be collected and disposed within the soil waste.

2.3 Documentation and Confirmation Soil Sampling Results

Post excavation soil samples taken from the sidewalls (S-1, S-2, S-3 and S-4) and base (BOTTOM-01 and BOTTOM-02) of the first phase excavation were submitted to TestAmerica Laboratory, Inc. (TestAmerica) of Buffalo, New York for analyses of VOCs via United States Environmental Protection Agency (USEPA) Method 8260B, SVOCs via USEPA Method 8270C, pesticides via USEPA Method 8081B, PCBs via USEPA Method 8082A, and eight Resource Conservation and Recovery Act (RCRA) metals (including chromium and barium) via USEPA Method 6010C.

The analytical results were compared to Part 375 commercial use soil cleanup objectives (SCOs) per the 2013 ROD. The following analytes exceeded commercial use SCOs.

- Chromium and PCBs at S-1;
- Chromium at S-2;
- Benzo(b)fluoranthene, barium and chromium at S-3;
- Benzo(a)pyrene and PCBs at BOTTOM-01.

Based on the sample results from the December 3, 2014 excavation, the excavation was extended in all directions and in depth on March 4 – 5, 2015.

Post excavation soil samples collected from the expanded excavation sidewalls (S-5, S-6, S-7 and S-8) and base (BOTTOM-3) were submitted to TestAmerica for the same analyses previously listed. Total chromium was detected slightly above the commercial use

SCO (400 mg/kg) for the total species of this contaminant), but below the cleanup level in the ROD (1,500 mg/kg). There were otherwise no exceedances of commercial use SCOs.

Soil analytical results are presented in **Table 2**. The soil analytical data is illustrated on **Figures 2** and **3**. The analytical reports are included in **Appendix D**.

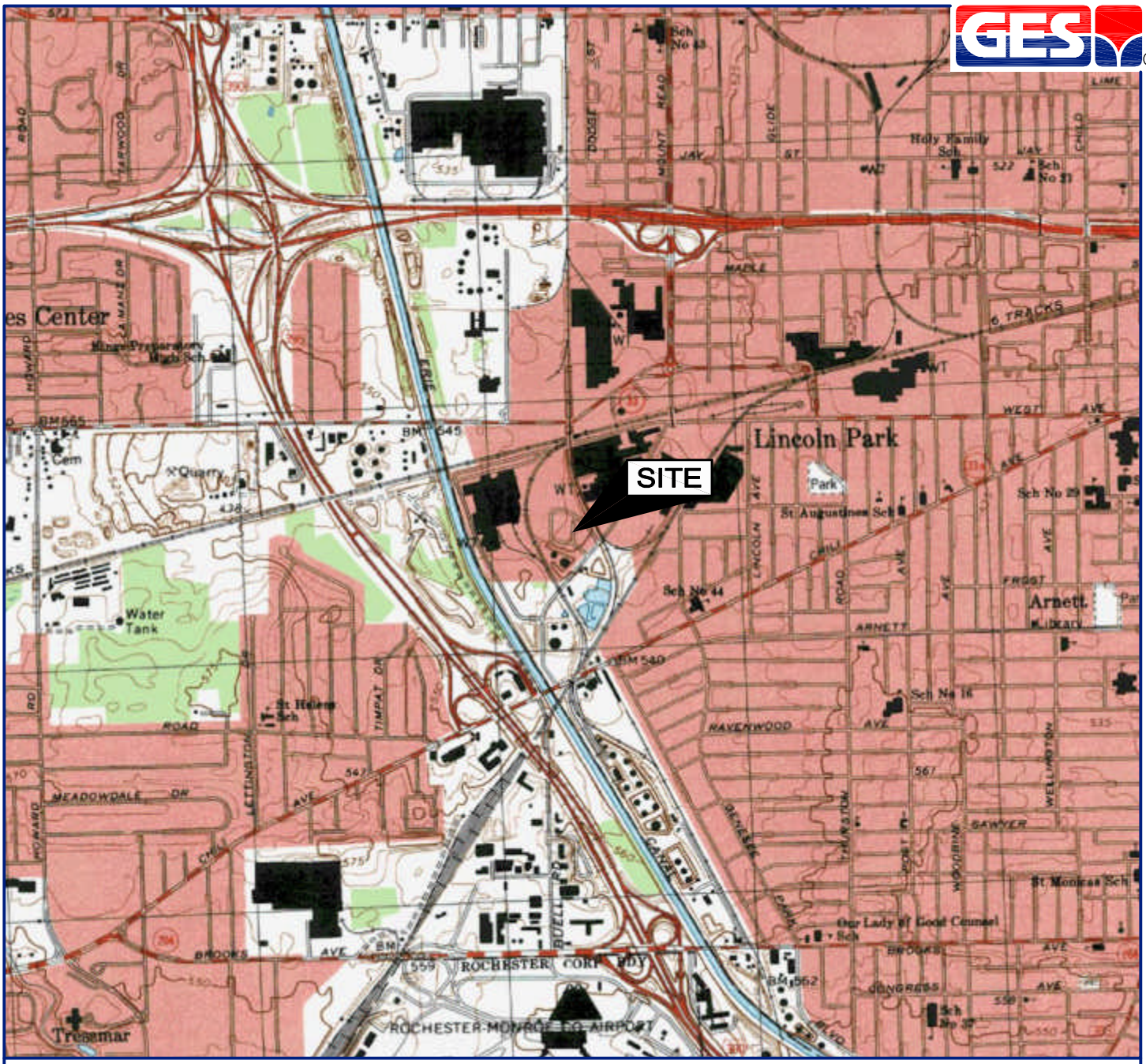
2.4 Data Usability Summary Report

A third party data validator (Vali-Data of WNY, LLC) was contracted to prepare a Data Usability Summary Report (DUSR) for the laboratory results in accordance with NYSDEC Division of Environmental Remediation (DER)-10 Technical Guidance for Site Investigation and Remediation (May 2010). The DUSR reports and associated validated laboratory analytical reports are provided in **Appendix D**. The DUSR did not indicate any issues that would invalidate the use of the laboratory data.

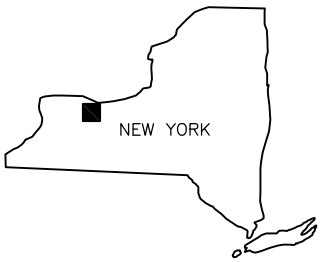
3.0 SUMMARY

GES provided oversight of the stormwater infiltration basin excavation activities completed at the Barthelmes Manufacturing Site, located at 15 Cairn Street in Rochester, New York. Soil excavation and site restoration were conducted by TREC in two phases from December 2 – 3, 2014, and from March 3 – 5, 2015. A total of 160.30 tons of soil was excavated by TREC and transported by Silvarole to the WM Mill Seat Landfill in Bergen, New York for disposal. Snow fencing was placed at the north, east and south edge of the excavation to mark the perimeter of the excavation for future reference.

FIGURES



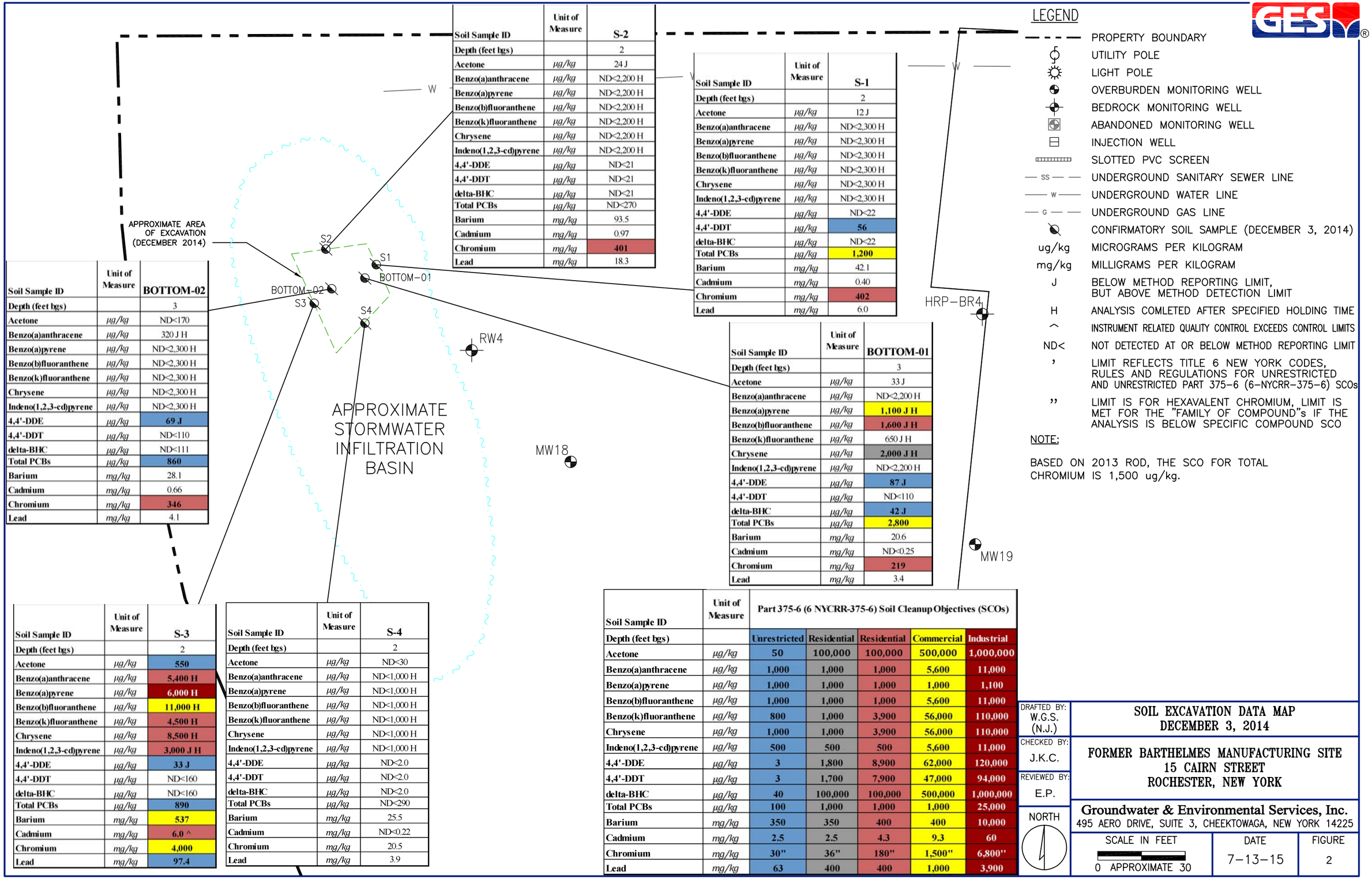
SOURCE: USGS 7.5 MINUTE SERIES
TOPOGRAPHIC QUADRANGLE 1994
ROCHESTER WEST, NEW YORK
CONTOUR INTERVAL = 5'



QUADRANGLE LOCATION

DRAFTED BY: W.G.S. (N.J.)	SITE LOCATION MAP
CHECKED BY: J.K.C.	FORMER BARTHELMES MANUFACTURING SITE 15 CAIRN STREET ROCHESTER, NEW YORK
REVIEWED BY: E.P.	Groundwater & Environmental Services, Inc. 158 SONWIL DRIVE, CHEEKTOWAGA, NEW YORK 14225
NORTH	SCALE IN FEET: 0 — 2000 / DATE: 5-15-15 / FIGURE: 1

M:\Graphics\0900-Buffalo\NYSDEC\Rochester (15 Cairn St.)\Rochester (15 Cairn St.) SLM.dwg, Layout1, 5/15/2015 11:30:13 AM, wshea



Soil Sample ID	Unit of Measure	S-2
Depth (feet bgs)		2
Acetone	µg/kg	24 J
Benzo(a)anthracene	µg/kg	ND<2,200 H
Benzo(a)pyrene	µg/kg	ND<2,200 H
Benzo(b)fluoranthene	µg/kg	ND<2,200 H
Benzo(k)fluoranthene	µg/kg	ND<2,200 H
Chrysene	µg/kg	ND<2,200 H
Indeno(1,2,3-cd)pyrene	µg/kg	ND<2,200 H
4,4'-DDE	µg/kg	ND<21
4,4'-DDT	µg/kg	ND<21
delta-BHC	µg/kg	ND<21
Total PCBs	µg/kg	ND<270
Barium	mg/kg	93.5
Cadmium	mg/kg	0.97
Chromium	mg/kg	401
Lead	mg/kg	18.3

Soil Sample ID	Unit of Measure	S-1
Depth (feet bgs)		2
Acetone	µg/kg	12 J
Benzo(a)anthracene	µg/kg	ND<2,300 H
Benzo(a)pyrene	µg/kg	ND<2,300 H
Benzo(b)fluoranthene	µg/kg	ND<2,300 H
Benzo(k)fluoranthene	µg/kg	ND<2,300 H
Chrysene	µg/kg	ND<2,300 H
Indeno(1,2,3-cd)pyrene	µg/kg	ND<2,300 H
4,4'-DDE	µg/kg	ND<22
4,4'-DDT	µg/kg	56
delta-BHC	µg/kg	ND<22
Total PCBs	µg/kg	1,200
Barium	mg/kg	42.1
Cadmium	mg/kg	0.40
Chromium	mg/kg	402
Lead	mg/kg	6.0

Soil Sample ID	Unit of Measure	BOTTOM-02
Depth (feet bgs)		3
Acetone	µg/kg	ND<170
Benzo(a)anthracene	µg/kg	320 J H
Benzo(a)pyrene	µg/kg	ND<2,300 H
Benzo(b)fluoranthene	µg/kg	ND<2,300 H
Benzo(k)fluoranthene	µg/kg	ND<2,300 H
Chrysene	µg/kg	ND<2,300 H
Indeno(1,2,3-cd)pyrene	µg/kg	ND<2,300 H
4,4'-DDE	µg/kg	69 J
4,4'-DDT	µg/kg	ND<110
delta-BHC	µg/kg	ND<111
Total PCBs	µg/kg	860
Barium	mg/kg	28.1
Cadmium	mg/kg	0.66
Chromium	mg/kg	346
Lead	mg/kg	4.1

Soil Sample ID	Unit of Measure	BOTTOM-01
Depth (feet bgs)		3
Acetone	µg/kg	33 J
Benzo(a)anthracene	µg/kg	ND<2,200 H
Benzo(a)pyrene	µg/kg	1,100 J H
Benzo(b)fluoranthene	µg/kg	1,600 J H
Benzo(k)fluoranthene	µg/kg	650 J H
Chrysene	µg/kg	2,000 J H
Indeno(1,2,3-cd)pyrene	µg/kg	ND<2,200 H
4,4'-DDE	µg/kg	87 J
4,4'-DDT	µg/kg	ND<110
delta-BHC	µg/kg	42 J
Total PCBs	µg/kg	2,800
Barium	mg/kg	20.6
Cadmium	mg/kg	ND<0.25
Chromium	mg/kg	219
Lead	mg/kg	3.4

Soil Sample ID	Unit of Measure	S-3
Depth (feet bgs)		2
Acetone	µg/kg	550
Benzo(a)anthracene	µg/kg	5,400 H
Benzo(a)pyrene	µg/kg	6,000 H
Benzo(b)fluoranthene	µg/kg	11,000 H
Benzo(k)fluoranthene	µg/kg	4,500 H
Chrysene	µg/kg	8,500 H
Indeno(1,2,3-cd)pyrene	µg/kg	3,000 J H
4,4'-DDE	µg/kg	33 J
4,4'-DDT	µg/kg	ND<160
delta-BHC	µg/kg	ND<160
Total PCBs	µg/kg	890
Barium	mg/kg	537
Cadmium	mg/kg	6.0 ^
Chromium	mg/kg	4,000
Lead	mg/kg	97.4

Soil Sample ID	Unit of Measure	S-4
Depth (feet bgs)		2
Acetone	µg/kg	ND<30
Benzo(a)anthracene	µg/kg	ND<1,000 H
Benzo(a)pyrene	µg/kg	ND<1,000 H
Benzo(b)fluoranthene	µg/kg	ND<1,000 H
Benzo(k)fluoranthene	µg/kg	ND<1,000 H
Chrysene	µg/kg	ND<1,000 H
Indeno(1,2,3-cd)pyrene	µg/kg	ND<1,000 H
4,4'-DDE	µg/kg	ND<2.0
4,4'-DDT	µg/kg	ND<2.0
delta-BHC	µg/kg	ND<2.0
Total PCBs	µg/kg	ND<290
Barium	mg/kg	25.5
Cadmium	mg/kg	ND<0.22
Chromium	mg/kg	20.5
Lead	mg/kg	3.9

Soil Sample ID	Unit of Measure	Part 375-6 (6 NYCRR-375-6) Soil Cleanup Objectives (SCOs)				
Depth (feet bgs)		Unrestricted	Residential	Residential	Commercial	Industrial
Acetone	µg/kg	50	100,000	100,000	500,000	1,000,000
Benzo(a)anthracene	µg/kg	1,000	1,000	1,000	5,600	11,000
Benzo(a)pyrene	µg/kg	1,000	1,000	1,000	1,000	1,100
Benzo(b)fluoranthene	µg/kg	1,000	1,000	1,000	5,600	11,000
Benzo(k)fluoranthene	µg/kg	800	1,000	3,900	56,000	110,000
Chrysene	µg/kg	1,000	1,000	3,900	56,000	110,000
Indeno(1,2,3-cd)pyrene	µg/kg	500	500	500	5,600	11,000
4,4'-DDE	µg/kg	3	1,800	8,900	62,000	120,000
4,4'-DDT	µg/kg	3	1,700	7,900	47,000	94,000
delta-BHC	µg/kg	40	100,000	100,000	500,000	1,000,000
Total PCBs	µg/kg	100	1,000	1,000	1,000	25,000
Barium	mg/kg	350	350	400	400	10,000
Cadmium	mg/kg	2.5	2.5	4.3	9.3	60
Chromium	mg/kg	30"	36"	180"	1,500"	6,800"
Lead	mg/kg	63	400	400	1,000	3,900

LEGEND

- PROPERTY BOUNDARY
- UTILITY POLE
- LIGHT POLE
- OVERBURDEN MONITORING WELL
- BEDROCK MONITORING WELL
- ABANDONED MONITORING WELL
- INJECTION WELL
- SLOTTED PVC SCREEN
- SS — UNDERGROUND SANITARY SEWER LINE
- W — UNDERGROUND WATER LINE
- G — UNDERGROUND GAS LINE
- CONFIRMATORY SOIL SAMPLE (DECEMBER 3, 2014)
- ug/kg — MICROGRAMS PER KILOGRAM
- mg/kg — MILLIGRAMS PER KILOGRAM
- J — BELOW METHOD REPORTING LIMIT, BUT ABOVE METHOD DETECTION LIMIT
- H — ANALYSIS COMLETED AFTER SPECIFIED HOLDING TIME
- ^ — INSTRUMENT RELATED QUALITY CONTROL EXCEEDS CONTROL LIMITS
- ND< — NOT DETECTED AT OR BELOW METHOD REPORTING LIMIT
- ' — LIMIT REFLECTS TITLE 6 NEW YORK CODES, RULES AND REGULATIONS FOR UNRESTRICTED AND UNRESTRICTED PART 375-6 (6-NYCRR-375-6) SCOs
- '' — LIMIT IS FOR HEXAVALENT CHROMIUM, LIMIT IS MET FOR THE "FAMILY OF COMPOUND"s IF THE ANALYSIS IS BELOW SPECIFIC COMPOUND SCO

NOTE:

BASED ON 2013 ROD, THE SCO FOR TOTAL CHROMIUM IS 1,500 ug/kg.

DRAFTED BY: W.G.S. (N.J.)
CHECKED BY: J.K.C.
REVIEWED BY: E.P.
NORTH

SOIL EXCAVATION DATA MAP
DECEMBER 3, 2014

FORMER BARTHELMES MANUFACTURING SITE
15 CAIRN STREET
ROCHESTER, NEW YORK

Groundwater & Environmental Services, Inc.
495 AERO DRIVE, SUITE 3, CHEEKTOWAGA, NEW YORK 14225

SCALE IN FEET: 0 APPROXIMATE 30
DATE: 7-13-15
FIGURE: 2

Soil Sample ID	Unit of Measure	S-5
Depth (feet bgs)		3
4,4'-DDD	µg/kg	3.3 J
Dieldrin	µg/kg	26 F1
Total PCBs	µg/kg	280
Chromium	mg/kg	774 F2

Soil Sample ID	Unit of Measure	BOTTOM-3
Depth (feet bgs)		6
4,4'-DDD	µg/kg	ND<4.0
Dieldrin	µg/kg	ND<4.0
Total PCBs	µg/kg	ND<210
Chromium	mg/kg	38.2

Soil Sample ID	Unit of Measure	S-6
Depth (feet bgs)		3
4,4'-DDD	µg/kg	ND<1.9
Dieldrin	µg/kg	ND<1.9
Total PCBs	µg/kg	ND<230
Chromium	mg/kg	113

Soil Sample ID	Unit of Measure	S-7
Depth (feet bgs)		2
4,4'-DDD	µg/kg	ND<4.0
Dieldrin	µg/kg	ND<4.0
Total PCBs	µg/kg	ND<210
Chromium	mg/kg	7.8

Soil Sample ID	Unit of Measure	S-8
Depth (feet bgs)		6
4,4'-DDD	µg/kg	ND<2.2
Dieldrin	µg/kg	ND<2.2
Total PCBs	µg/kg	ND<220
Chromium	mg/kg	7.2

APPROXIMATE AREA OF EXCAVATION (MARCH 2015)

APPROXIMATE AREA OF EXCAVATION (DECEMBER 2014)

S5 S2 BOTTOM-3 S1 S6 BOTTOM-01 BOTTOM-02 S3 S4 S8 S7

APPROXIMATE STORMWATER INFILTRATION BASIN

RW4

MW18

HRP-BR4

W W W W W

LEGEND

- PROPERTY BOUNDARY
- UTILITY POLE
- LIGHT POLE
- OVERBURDEN MONITORING WELL
- BEDROCK MONITORING WELL
- ABANDONED MONITORING WELL
- INJECTION WELL
- SLOTTED PVC SCREEN
- SS — UNDERGROUND SANITARY SEWER LINE
- W — UNDERGROUND WATER LINE
- G — UNDERGROUND GAS LINE
- CONFIRMATORY SOIL SAMPLE (DECEMBER 3, 2014)
- CONFIRMATORY SOIL SAMPLE (MARCH 4–5, 2015)
- ug/kg — MICROGRAMS PER KILOGRAM
- mg/kg — MILLIGRAMS PER KILOGRAM
- J — BELOW METHOD REPORTING LIMIT, BUT ABOVE METHOD DETECTION LIMIT
- F1 — MS AND/OR MSD EXCEEDS CONTROL LIMIT
- F2 — MS/MSD RELATIVE PERCENT DIFFERENCES EXCEED CONTROL LIMIT

NOTE:

BASED ON 2013 ROD, THE SCO FOR TOTAL CHROMIUM IS 1,500 UG/KG.

Soil Sample ID	Unit of Measure	Part 375-6 (6 NYCRR-375-6) Soil Cleanup Objectives (SCOs)				
Depth (feet bgs)		Unrestricted	Residential	Restricted-Residential	Commercial	Industrial
4,4'-DDD	µg/kg	3	2,600	13,000	92,000	180,000
Dieldrin	µg/kg	5	39	200	1,400	2,800
Total PCBs	µg/kg	100	1,000	1,000	1,000	25,000
Chromium	mg/kg	30"	36"	180"	1,500"	6,800"

DRAFTED BY: W.G.S. (N.J.)
CHECKED BY: J.K.C.
REVIEWED BY: E.P.
NORTH

SOIL EXCAVATION DATA MAP
MARCH 4–5, 2015

FORMER BARTHELMES MANUFACTURING SITE
15 CAIRN STREET
ROCHESTER, NEW YORK

Groundwater & Environmental Services, Inc.
495 AERO DRIVE, SUITE 3, CHEEKTOWAGA, NEW YORK 14225

SCALE IN FEET: 0 APPROXIMATE 30
DATE: 7–13–15
FIGURE: 3

TABLES

Table 1

Soil Vapor Screening Results

NYSDEC Barthelmes Manufacturing
15 Cairn Street,
Rochester, NY

Soil Sample ID	Date	Time	PID Reading (ppmv)
S-1	12/3/2014	14:45	0.2
S-2	12/3/2014	15:04	0.0
S-3	12/3/2014	14:50	7.1
S-4	12/3/2014	14:35	0.1
S-5	3/4/2015	13:15	0.2
S-6	3/4/2015	14:25	0.1
S-7	3/4/2015	14:30	0.2
S-8	3/4/2015	14:35	0.0
BOTTOM-01	12/3/2014	14:30	99.8
BOTTOM-02	12/3/2014	14:40	8.6
BOTTOM-3	3/5/2015	9:00	0.0

NOTES:

All readings were collected using a MiniRAE 2000 Photo Ionization Detector (PID) with a 10.6 electron-volt (eV) bulb.

Table 2
Soil Excavation Analytical Data
Volatile Organic Compounds via EPA Method 8260C

15 Cairn Street
Rochester, New York
NYSDEC Site Number 828122

Soil Sample ID	Part 375-6 (6 NYCRR-375-6) Soil Cleanup Objectives (SCOs)					Unit of Measure	BOTTOM-01	BOTTOM-02	BOTTOM-3	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8
Date							12/3/2014	12/3/2014	3/5/2015	12/3/2014	41976	12/3/2014	12/3/2014	3/4/2015	3/4/2015	3/4/2015	3/4/2015
Depth (feet bgs)							3	3	6	2	2	2	2	3	3	2	6
PID (ppmv)	Unrestricted	Residential	Restricted-Residential	Commercial	Industrial		99.8	8.6	0.0	0.2	0.0	7.1	0.1	0.2	0.1	0.2	0.0
Volatile Organic Compounds (VOCs) by EPA Method 8260C																	
1,1,1-Trichloroethane	680	100,000	100,000	500,000	1,000,000	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
1,1,2,2-Tetrachloroethane	NS	NS	NS	NS	NS	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
1,1,2-Trichloroethane	NS	NS	NS	NS	NS	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NS	NS	NS	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
1,1-Dichloroethane	270	19,000	26,000	240,000	480,000	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
1,1-Dichloroethene	330	100,000	100,000	500,000	1,000,000	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
1,2,4-Trichlorobenzene	3,600	47,000	52,000	190,000	380,000	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
1,2-Dibromo-3-Chloropropane	NS	NS	NS	NS	NS	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
1,2-Dibromoethane	NS	NS	NS	NS	NS	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
1,2-Dichlorobenzene	1,100	100,000	100,000	500,000	1,000,000	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
1,2-Dichloroethane	20	2,300	3,100	30,000	60,000	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
1,2-Dichloropropane	NS	NS	NS	NS	NS	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
1,3-Dichlorobenzene	2,400	17,000	49,000	280,000	560,000	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
1,4-Dichlorobenzene	1,800	9,800	13,000	130,000	250,000	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	98	ND<6.0	1.3 J	ND<5.6	1.6 J	2.7 J
2-Hexanone	NS	NS	NS	NS	NS	µg/kg	480	ND<170	ND<5.9	ND<34	ND<32	25 J	ND<30	ND<28	ND<28	ND<30	ND<32
2-Butanone (MEK)	120	100,000	100,000	500,000	1,000,000	µg/kg	ND<170	ND<170	ND<29	30 J	28 J *	120 J	ND<30	ND<28 *	ND<28 *	ND<30 *	ND<32 *
4-Methyl-2-pentanone (MIBK)	NS	NS	NS	NS	NS	µg/kg	ND<170	ND<170	ND<29 *	ND<34	ND<32	ND<240	ND<30	ND<28	ND<28	ND<30	ND<32
Acetone	50	100,000	100,000	500,000	1,000,000	µg/kg	33 J	ND<170	ND<29	12 J	24 J	**550**	ND<30	5.8 J B *	ND<28 *	ND<30 *	ND<32 *
Benzene	60	2,900	4,800	44,000	89,000	µg/kg	ND<33	ND<34	22 J B *	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
Bromodichloromethane	NS	NS	NS	NS	NS	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
Bromoform	NS	NS	NS	NS	NS	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
Bromomethane	NS	NS	NS	NS	NS	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
Carbon disulfide	NS	NS	NS	NS	NS	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	24 J	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
Carbon tetrachloride	760	1,400	2,400	22,000	44,000	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
Chlorobenzene	1,100	100,000	100,000	500,000	1,000,000	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
Dibromochloromethane	NS	NS	NS	NS	NS	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
Chloroethane	NS	NS	NS	NS	NS	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4 *	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
Chloroform	370	10,000	49,000	350,000	700,000	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
Chloromethane	NS	NS	NS	NS	NS	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
cis-1,2-Dichloroethene	250	59,000	100,000	500,000	1,000,000	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4

Table 2
Soil Excavation Analytical Data
Volatile Organic Compounds via EPA Method 8260C

15 Cairn Street
Rochester, New York
NYSDEC Site Number 828122

Soil Sample ID	Part 375-6 (6 NYCRR-375-6) Soil Cleanup Objectives (SCOs)					Unit of Measure	BOTTOM-01	BOTTOM-02	BOTTOM-3	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8
Date							12/3/2014	12/3/2014	3/5/2015	12/3/2014	41976	12/3/2014	12/3/2014	3/4/2015	3/4/2015	3/4/2015	3/4/2015
Depth (feet bgs)			Restricted-				3	3	6	2	2	2	2	3	3	2	6
PID (ppmv)	Unrestricted	Residential	Residential	Commercial	Industrial		99.8	8.6	0.0	0.2	0.0	7.1	0.1	0.2	0.1	0.2	0.0
cis-1,3-Dichloropropene	NS	NS	NS	NS	NS	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
Cyclohexane	NS	NS	NS	NS	NS	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	11 J	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
Dichlorodifluoromethane	NS	NS	NS	NS	NS	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
Ethylbenzene	1,000	30,000	41,000	390,000	780,000	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
Isopropylbenzene	NS	NS	NS	NS	NS	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
Methyl acetate	NS	NS	NS	NS	NS	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
Methyl tert-butyl ether	930	62,000	100,000	500,000	1,000,000	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
Methylcyclohexane	NS	NS	NS	NS	NS	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	20 J	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
Methylene Chloride	50	51,000	100,000	500,000	1,000,000	µg/kg	ND<33	ND<34	5.4 J	ND<6.8	ND<6.4	ND<47	ND<6.0	4.0 J	ND<5.6	3.9 J	ND<6.4
Styrene	NS	NS	NS	NS	NS	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
Tetrachloroethene	1,300	5,500	19,000	150,000	300,000	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
Toluene	700	100,000	100,000	500,000	1,000,000	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
Trans-1,2-Dichloroethene	190	100,000	100,000	500,000	1,000,000	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
Trans-1,3-Dichloropropene	NS	NS	NS	NS	NS	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
Trichloroethene	470	10,000	21,000	200,000	400,000	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
Trichlorofluoromethane	NS	NS	NS	NS	NS	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
Vinyl chloride	20	210	900	13,000	27,000	µg/kg	ND<33	ND<34	ND<5.9	ND<6.8	ND<6.4	ND<47	ND<6.0	ND<5.7	ND<5.6	ND<6.0	ND<6.4
Xylenes, Total	1,600	100,000	100,000	500,000	1,000,000	µg/kg	ND<66	ND<67	ND<12	ND<14	ND<13	28 J	ND<12	ND<11	ND<11	ND<12	ND<13
Total VOCs	NS	NS	NS	NS	NS	µg/kg	513	ND	27.4	42	52	876	ND	11.1	ND	5.5	2.7

Notes:
µg/kg = micrograms per liter
bgs = below ground surface
ppmv = parts per million by volume.
ND<5.5 = Not detected at or below the indicated method reporting limit value.
J = laboratory qualifier specifies that concentration was detected above minimum detection limit, but below the reporting limit and is an approximation.
B = laboratory qualifier specifies that compound was detected in the blank and sample.
* = laboratory qualifier specifies that laboratory control sample (LCS) or LCS duplicate (D) exceeds the control limits or RPD of the LCS and LCSD exceeds the control limits.
NS = no standard set by Part 375-6 SCOs
Bold = Concentrations above SCOs.
' Limits reflectTitle 6 New York Codes, Rules and Regulations for Unrestricted and Restricted Part 375-6 (6 NYCRR-375-6) SCOs.

Table 3
Soil Excavation Analytical Data
Semi-Volatile Organic Compounds via EPA Method 8270D

15 Cairn Street
Rochester, New York
NYSDEC Site Number 828122

Soil Sample ID	Part 375-6 (6 NYCRR-375-6) Soil Cleanup Objectives (SCOs)					Unit of Measure	BOTTOM-01	BOTTOM-02	BOTTOM-3	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8
Date Sampled							12/3/2014	12/3/2014	3/5/2015	12/3/2014	12/3/2014	12/3/2014	12/3/2014	3/4/2015	3/4/2015	3/4/2015	3/4/2015
Depth (feet bgs)							3	3	6	2	2	2	2	3	3	2	6
PID (ppmv)	Unrestricted	Residential	Restricted-Residential	Commercial	Industrial		99.8	8.6	0.0	0.2	0.0	7.1	0.1	0.2	0.1	0.2	0.0
Semi-Volatile Organic Compounds (SVOCs) by EPA Method 8270D																	
Biphenyl	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
bis(2-chloroisopropyl)ether	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
2,4,5-Trichlorphenol	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
2,4,5-Trichlorophenol	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
2,4,6-Trichlorophenol	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
2,4-Dichlorophenol	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
2,4-Dimethylphenol	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
2,4-Dinitrophenol	NS	NS	NS	NS	NS	µg/kg	ND<4,300 H	ND<4,500 H	ND<390	ND<4,500 H	ND<4,200 H	ND<6,200 H	ND<2,000 H	ND<1,900	ND<360	ND<2,000	ND<420
2,4-Dinitrotoluene	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
2,6-Dinitrotoluene	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
2-Chloronaphthalene	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
2-Chlorophenol	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
2-Methylnaphthalene	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
2-Methylphenol	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
2-Nitroaniline	NS	NS	NS	NS	NS	µg/kg	ND<4,300 H	ND<4,500 H	ND<390	ND<4,500 H	ND<4,200 H	ND<6,200 H	ND<2,000 H	ND<1,900	ND<360	ND<2,000	ND<420
2-Nitrophenol	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
3,3'-Dichlorobenzidine	NS	NS	NS	NS	NS	µg/kg	ND<4,300 H	ND<4,500 H	ND<390	ND<4,500 H	ND<4,200 H	ND<6,200 H	ND<2,000 H	ND<1,900	ND<360	ND<2,000	ND<420
3-Nitroaniline	NS	NS	NS	NS	NS	µg/kg	ND<4,300 H	ND<4,500 H	ND<390	ND<4,500 H	ND<4,200 H	ND<6,200 H	ND<2,000 H	ND<1,900	ND<360	ND<2,000	ND<420
4,6-Dinitro-2-methylphenol	NS	NS	NS	NS	NS	µg/kg	ND<4,300 H	ND<4,500 H	ND<390	ND<4,500 H	ND<4,200 H	ND<6,200 H	ND<2,000 H	ND<1,900	ND<360	ND<2,000	ND<420
4-Bromophenyl phenyl ether	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<2,000	ND<220
4-Chloro-3-methylphenol	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<2,000	ND<220
4-Chloroaniline	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200 *	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990 *	ND<190 *	ND<1,000 *	ND<220 *
4-Chlorophenyl phenyl ether	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
4-Methylphenol	NS	NS	NS	NS	NS	µg/kg	ND<4,300 H	ND<4,500 H	ND<390	ND<4,500 H	ND<4,200 H	ND<6,200 H	ND<2,000 H	ND<1,900	ND<360	ND<2,000	ND<420
4-Nitroaniline	NS	NS	NS	NS	NS	µg/kg	ND<4,300 H	ND<4,500 H	ND<390	ND<4,500 H	ND<4,200 H	ND<6,200 H	ND<2,000 H	ND<1,900	ND<360	ND<2,000	ND<420
4-Nitrophenol	NS	NS	NS	NS	NS	µg/kg	ND<4,300 H	ND<4,500 H	ND<390	ND<4,500 H	ND<4,200 H	ND<6,200 H	ND<2,000 H	ND<1,900	ND<360	ND<2,000	ND<420
Acenaphthene	20,000	100,000	100,000	500,000	1,000,000	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	780 J H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220

Table 3
Soil Excavation Analytical Data
Semi-Volatile Organic Compounds via EPA Method 8270D

15 Cairn Street
Rochester, New York
NYSDEC Site Number 828122

Soil Sample ID	Part 375-6 (6 NYCRR-375-6) Soil Cleanup Objectives (SCOs)					Unit of Measure	BOTTOM-01	BOTTOM-02	BOTTOM-3	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8
Date Sampled							12/3/2014	12/3/2014	3/5/2015	12/3/2014	12/3/2014	12/3/2014	12/3/2014	3/4/2015	3/4/2015	3/4/2015	3/4/2015
Depth (feet bgs)			Restricted-				3	3	6	2	2	2	2	3	3	2	6
PID (ppmv)	Unrestricted	Residential	Residential	Commercial	Industrial		99.8	8.6	0.0	0.2	0.0	7.1	0.1	0.2	0.1	0.2	0.0
Acenaphthylene	100,000	100,000	100,000	500,000	1,000,000	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	620 J H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Acetophenone	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Anthracene	100,000	100,000	100,000	500,000	1,000,000	µg/kg	620 J H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	1,600 J H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Atrazine	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Benzaldehyde	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Benzo(a)anthracene	1,000	1,000	1,000	5,600	11,000	µg/kg	ND<2,200 H	320 J H	ND<200	ND<2,300 H	ND<2,200 H	**5,400 H**	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Benzo(a)pyrene	1,000	1,000	1,000	1,000	1,100	µg/kg	**1,100 J H**	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	**6,000 H**	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Benzo(b)fluoranthene	1,000	1,000	1,000	5,600	11,000	µg/kg	**1,600 J H**	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	**11,000 H**	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Benzo(g,h,i)perylene	100,000	100,000	100,000	500,000	1,000,000	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	3,200 H	ND<1,000 H	130 J	ND<190	ND<1,000	ND<220
Benzo(k)fluoranthene	800	1,000	3,900	56,000	110,000	µg/kg	650 J H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	**4,500 H**	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Bis(2-chloroethoxy)methane	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Bis(2-chloroethyl)ether	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Bis(2-ethylhexyl) phthalate	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	7,800 H	ND<1,000 H	ND<990	ND<190	ND<1,000	110 J
Butyl benzyl phthalate	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Caprolactam	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	11,000 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Carbazole	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	1,900 J H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Chrysene	1,000	1,000	3,900	56,000	110,000	µg/kg	**2,000 J H**	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	**8,500 H**	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Di-n-butyl phthalate	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Di-n-octyl phthalate	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Dibenz(a,h)anthracene	330	330	330	560	1,100	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Dibenzofuran	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	830 J H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Diethyl phthalate	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Dimethyl phthalate	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	500 J H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Fluoranthene	100,000	100,000	100,000	500,000	1,000,000	µg/kg	3,800 H	560 J H	ND<200	ND<2,300 H	ND<2,200 H	18,000 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Fluorene	30,000	100,000	100,000	500,000	1,000,000	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	1,900 J H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Hexachlorobenzene	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Hexachlorobutadiene	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Hexachlorocyclopentadiene	NS	NS	NS	NS	NS	µg/kg	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220

Table 3
Soil Excavation Analytical Data
Semi-Volatile Organic Compounds via EPA Method 8270D

15 Cairn Street
Rochester, New York
NYSDEC Site Number 828122

Soil Sample ID	Part 375-6 (6 NYCRR-375-6) Soil Cleanup Objectives (SCOs)					Unit of Measure	BOTTOM-01	BOTTOM-02	BOTTOM-3	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8
Date Sampled							12/3/2014	12/3/2014	3/5/2015	12/3/2014	12/3/2014	12/3/2014	12/3/2014	3/4/2015	3/4/2015	3/4/2015	3/4/2015
Depth (feet bgs)			Restricted-				3	3	6	2	2	2	2	3	3	2	6
PID (ppmv)	Unrestricted	Residential	Residential	Commercial	Industrial		99.8	8.6	0.0	0.2	0.0	7.1	0.1	0.2	0.1	0.2	0.0
Hexachloroethane	**NS**	**NS**	**NS**	**NS**	**NS**	*µg/kg*	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Indeno(1,2,3-cd)pyrene	**500**	**500**	**500**	**5,600**	**11,000**	*µg/kg*	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	**3,000 J H**	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Isophorone	**NS**	**NS**	**NS**	**NS**	**NS**	*µg/kg*	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
N-Nitrosodi-n-propylamine	**NS**	**NS**	**NS**	**NS**	**NS**	*µg/kg*	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
N-Nitrosodiphenylamine	**NS**	**NS**	**NS**	**NS**	**NS**	*µg/kg*	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Naphthalene	**12,000**	**100,000**	**100,000**	**500,000**	**1,000,000**	*µg/kg*	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Nitrobenzene	**NS**	**NS**	**NS**	**NS**	**NS**	*µg/kg*	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Pentachlorophenol	**800**	**2,400**	**6,700**	**6,700**	**55,000**	*µg/kg*	ND<4,300 H	ND<4,500 H	ND<390	ND<4,500 H	ND<4,200 H	ND<6,200 H	ND<2,000 H	ND<1,900	ND<360	ND<2,000	ND<420
Phenanthrene	**100,000**	**100,000**	**100,000**	**500,000**	**1,000,000**	*µg/kg*	3,000 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	13,000 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Phenol	**330**	**100,000**	**100,000**	**500,000**	**1,000,000**	*µg/kg*	ND<2,200 H	ND<2,300 H	ND<200	ND<2,300 H	ND<2,200 H	ND<3,200 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Pyrene	**100,000**	**100,000**	**100,000**	**500,000**	**1,000,000**	*µg/kg*	3,100 H	830 J H	ND<200	ND<2,300 H	ND<2,200 H	16,000 H	ND<1,000 H	ND<990	ND<190	ND<1,000	ND<220
Total SVOCs	**NS**	**NS**	**NS**	**NS**	**NS**	*µg/kg*	13,170	1,710	ND	ND	ND	115,530	ND	130	ND	ND	110

Note:
µg/kg = micrograms per liter
bgs = below ground surface
ppmv = parts per million by volume.
ND<5.5 = Not detected at or below the indicated method reporting limit value.
H = laboratory qualifier specifies that analysis was completed after specified holding time.
J = laboratory qualifier specifies that concentration was detected above minimum detection limit, but below the reporting limit and is an approximation.
* = laboratory qualifier specifies that laboratory control sample (LCS) or LCS duplicate (D) exceeds the control limits or RPD of the LCS and LCSD exceeds the control limits.
F1 = laboratory qualifier specifies that the MS and/or MSD recovery exceeds the control limits.
F2 = laboratory qualifier specifies MS/MSD Relative Percent Difference exceeds control limits.
NS = no standard set by Part 375-6 SCOs
Bold = Concentrations above SCOs.
' Limits reflectTitle 6 New York Codes, Rules and Regulations for Unrestricted and Restricted Part 375-6 (6 NYCRR-375-6) SCOs.

Table 4
Soil Excavation Analytical Data
Pesticides via EPA Method 8081B and
Polychlorinated Biphenyls via EPA Method 8082A

15 Cairn Street
Rochester, New York
NYSDEC Site Number 828122

Soil Sample ID	Part 375-6 (6 NYCRR-375-6) Soil Cleanup Objectives (SCOs)					Unit of Measure	BOTTOM-01	BOTTOM-02	BOTTOM-3	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8
Date Sampled							12/3/2014	12/3/2014	3/5/2015	12/3/2014	12/3/2014	12/3/2014	12/3/2014	3/4/2015	3/4/2015	3/4/2015	3/4/2015
Depth (feet bgs)			Restricted-				3	3	6	2	2	2	2	3	3	2	6
PID (ppmv)	Unrestricted	Residential	Residential	Commercial	Industrial		99.8	8.6	0.0	0.2	0.0	7.1	0.1	0.2	0.1	0.2	0.0
Pesticides by EPA Method 8081B																	
4,4'-DDD	**3**	**2,600**	**13,000**	**92,000**	**180,000**	*µg/kg*	ND<110	ND<110	ND<4.0	ND<22	ND<21	ND<160	ND<2.0	**3.3 J**	ND<1.9	ND<4.0	ND<2.2
4,4'-DDE	**3**	**1,800**	**8,900**	**62,000**	**120,000**	*µg/kg*	**87 J**	**69 J**	ND<4.0	ND<22	ND<21	**33 J**	ND<2.0	ND<9.6	ND<1.9	ND<4.0	ND<2.2
4,4'-DDT	**3**	**1,700**	**7,900**	**47,000**	**94,000**	*µg/kg*	ND<110	ND<110	ND<4.0	**56**	ND<21	ND<160	ND<2.0	ND<9.6 F1	ND<1.9	ND<4.0	ND<2.2
Aldrin	**5**	**19**	**97**	**680**	**1,400**	*µg/kg*	ND<110	ND<110	ND<4.0	ND<22	ND<21	ND<160	ND<2.0	ND<9.6 F2	ND<1.9	ND<4.0	ND<2.2
alpha-BHC	**20**	**97**	**480**	**3,400**	**6,800**	*µg/kg*	ND<110	ND<110	ND<4.0	ND<22	ND<21	ND<160	ND<2.0 *	ND<9.6	ND<2.0 *	ND<4.0	ND<2.2
alpha-Chlordane	**94**	**910**	**4,200**	**24,000**	**47,000**	*µg/kg*	ND<110	ND<110	ND<4.0	ND<22	ND<21	ND<160	ND<2.0	ND<9.6	ND<1.9	ND<4.0	ND<2.2
beta-BHC	**36**	**72**	**360**	**3,000**	**14,000**	*µg/kg*	ND<110	ND<110	ND<4.0	ND<22	ND<21	ND<160	ND<2.0	ND<9.6	ND<1.9	ND<4.0	ND<2.2
delta-BHC	**40**	**100,000**	**100,000**	**500,000**	**1,000,000**	*µg/kg*	**42 J**	ND<111	ND<4.0	ND<22	ND<21	ND<160	ND<2.0	ND<9.6	0.44 J	ND<4.0	ND<2.2
Dieldrin	**5**	**39**	**200**	**1,400**	**2,800**	*µg/kg*	ND<110	ND<110	ND<4.0	ND<22	ND<21	ND<160	ND<2.0	**26 F1**	ND<1.9	ND<4.0	ND<2.2
Endosulfan I	**2,400**	**4,800**	**24,000**	**200,000**	**920,000**	*µg/kg*	ND<110	ND<110	ND<4.0	ND<22	ND<21	ND<160	ND<2.0	2.3 J	ND<1.9	ND<4.0	ND<2.2
Endosulfan II	**2,400**	**4,800**	**24,000**	**200,000**	**920,000**	*µg/kg*	ND<110	ND<110	ND<4.0	ND<22	ND<21	ND<160	ND<2.0	ND<9.6 F1	ND<1.9	ND<4.0	ND<2.2
Endosulfan sulfate	**2,400**	**4,800**	**24,000**	**200,000**	**920,000**	*µg/kg*	ND<110	ND<110	ND<4.0	ND<22	ND<21	ND<160	ND<2.0	ND<9.6	ND<1.9	ND<4.0	ND<2.2
Endrin	**14**	**2,200**	**11,000**	**89,000**	**410,000**	*µg/kg*	ND<110	ND<110	ND<4.0	ND<22	ND<21	ND<160	ND<2.0	ND<9.6	ND<1.9	ND<4.0	ND<2.2
Endrin aldehyde	**NS**	**NS**	**NS**	**NS**	**NS**	*µg/kg*	ND<110	ND<110	ND<4.0	ND<22	ND<21	ND<160	ND<2.0	ND<9.6	0.65 J	ND<4.0	ND<2.2
Endrin ketone	**NS**	**NS**	**NS**	**NS**	**NS**	*µg/kg*	ND<110	ND<110	1.0 J	ND<22	ND<21	ND<160	ND<2.0	ND<9.6	0.53 J	1.1 J	0.65 J
gamma-BHC (Lindane)	**100**	**280**	**1,300**	**9,200**	**23,000**	*µg/kg*	ND<110	ND<110	ND<4.0	ND<22	ND<21	ND<160	ND<2.0	ND<9.6	ND<1.9	ND<4.0	ND<2.2
gamma-Chlordane	**NS**	**NS**	**NS**	**NS**	**NS**	*µg/kg*	ND<110	ND<110	1.3 J	ND<22	ND<21	ND<160	ND<2.0	110 F2	ND<1.9	ND<4.0	ND<2.2
Heptachlor	**42**	**420**	**2,100**	**15,000**	**29,000**	*µg/kg*	ND<110	ND<110	ND<4.0	ND<22	ND<21	ND<160	ND<2.0	ND<9.6	ND<1.9	ND<4.0	ND<2.2
Heptachlor epoxide	**NS**	**NS**	**NS**	**NS**	**NS**	*µg/kg*	ND<110	ND<110	ND<4.0	ND<22	ND<21	ND<160	ND<2.0	ND<9.6	ND<1.9	ND<4.0	ND<2.2
Methoxychlor	**NS**	**NS**	**NS**	**NS**	**NS**	*µg/kg*	ND<110	ND<110	ND<4.0	ND<22	ND<21	ND<160	ND<2.0	4.9 J	ND<1.9	ND<4.0	ND<2.2
Toxaphene	**NS**	**NS**	**NS**	**NS**	**NS**	*µg/kg*	ND<1,100	ND<1,100	ND<40	ND<220	ND<210	ND<1,600	ND<20	ND<96	ND<19	ND<40	ND<22
Polychlorinated Biphenlys (PCBs) by EPA Method 8082A																	
PCB-1016	**100**	**1,000**	**1,000**	**1,000**	**25,000**	*µg/kg*	ND<310	ND<260	ND<210	ND<290	ND<270	ND<390	ND<290	ND<270	ND<230	ND<210	ND<220
PCB-1221						*µg/kg*	ND<310	ND<260	ND<210	ND<290	ND<270	ND<390	ND<290	ND<270	ND<230	ND<210	ND<220
PCB-1232						*µg/kg*	ND<310	ND<260	ND<210	ND<290	ND<270	ND<390	ND<290	ND<270	ND<230	ND<210	ND<220
PCB-1242						*µg/kg*	ND<310	ND<260	ND<210	ND<290	ND<270	ND<390	ND<290	ND<270	ND<230	ND<210	ND<220
PCB-1248						*µg/kg*	ND<310	ND<260	ND<210	ND<290	ND<270	ND<390	ND<290	ND<270	ND<230	ND<210	ND<220
PCB-1254						*µg/kg*	**2,800 E**	**860**	ND<210	**1,200**	ND<270	**890**	ND<290	**280**	ND<230	ND<210	ND<220
PCB-1260						*µg/kg*	ND<310	ND<260	ND<210	ND<290	ND<270	ND<390	ND<290	ND<270	ND<230	ND<210	ND<220

Notes:
µg/kg = micrograms per kilogram
bgs = below ground surface
ppmv = parts per million by volume.
ND<5.5 = Not detected at or below the indicated method reporting limit value.
J = laboratory qualifier specifies that concentration was detected above minimum detection limit, but below the reporting limit and is an approximation.
* = Reported as undetected as recommeneded in the DUSR
E = Qualified as estimated as recommended in the DUSR
F1 = laboratory qualifier specifies that the MS and/or MSD recovery exceeds the control limits.
NS = no standard set by Part 375-6 SCOs
Bold = Concentrations above SCOs.
' Limits reflectTitle 6 New York Codes, Rules and Regulations for Unrestricted and Restricted Part 375-6 (6 NYCRR-375-6) SCOs.

Table 5
Soil Excavation Analytical Data
8 RCRA Metals via EPA Method 6010C

15 Cairn Street
Rochester, New York
NYSDEC Site Number 828122

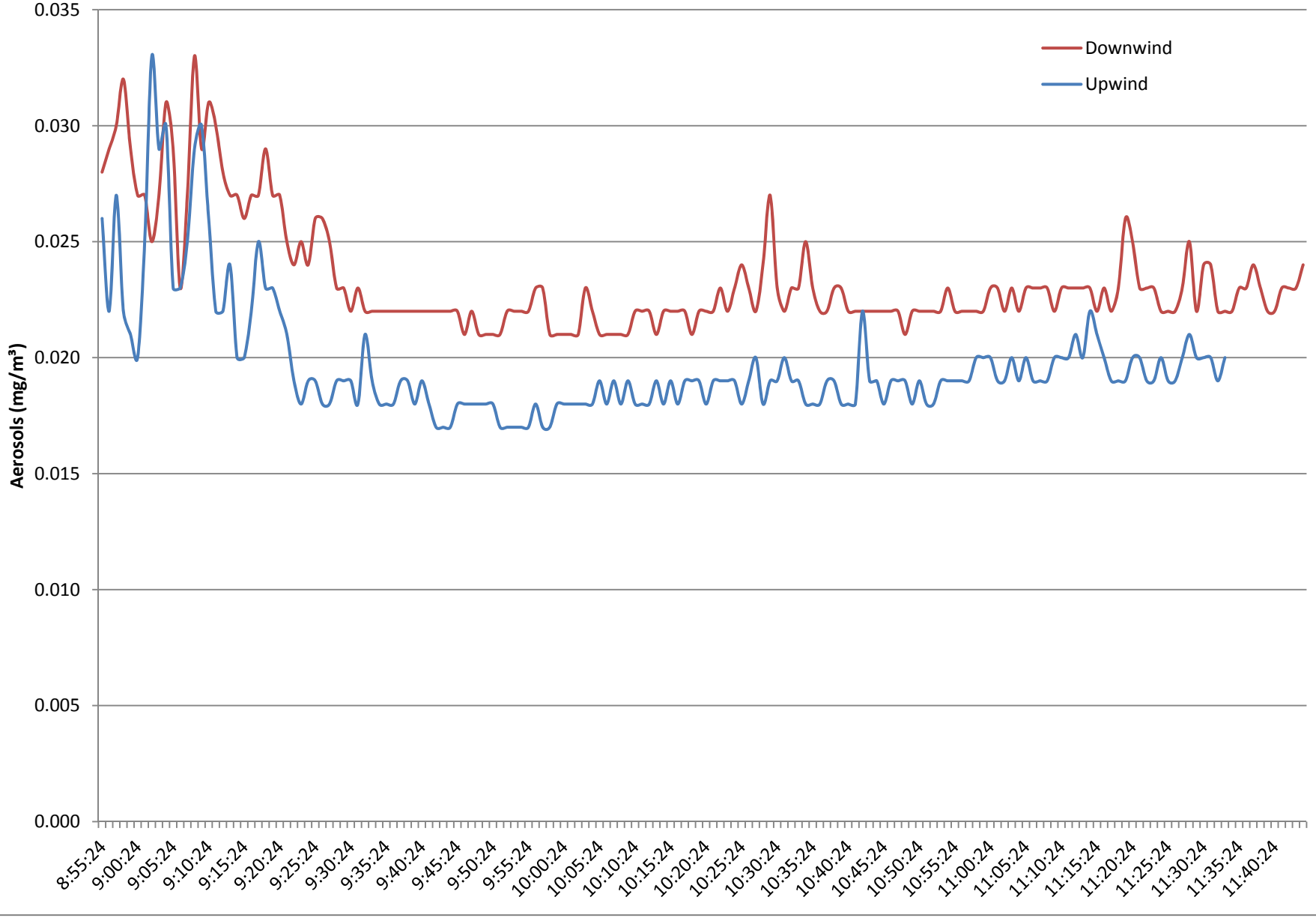
Soil Sample ID	Part 375-6 (6 NYCRR-375-6) Soil Cleanup Objectives (SCOs)					Unit of Measure	BOTTOM-01	BOTTOM-02	BOTTOM-3	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8
Date Sampled							12/3/2014	12/3/2014	3/5/2015	12/3/2014	12/3/2014	12/3/2014	12/3/2014	3/4/2015	3/4/2015	3/4/2015	3/4/2015
Depth (feet bgs)							3	3	6	2	2	2	2	3	3	2	6
PID (ppmv)	Unrestricted	Residential	Restricted-Residential	Commercial	Industrial		99.8	8.6	0.0	0.2	0.0	7.1	0.1	0.2	0.1	0.2	0.0
8 RCRA Metals by EPA Method 6010C																	
Arsenic	**13**	**16**	**16**	**16**	**16**	*mg/kg*	ND<2.5	ND<2.8	ND<2.3	ND<2.6	ND<2.6	12.3	ND<2.2	ND<2.3	ND<2.3	ND<2.6	ND<2.4
Barium	**350**	**350**	**400**	**400**	**10,000**	*mg/kg*	20.6	28.1	12.1	42.1	93.5	**537**	25.5	40.9	22.0	16.1	10.8
Cadmium	**2.5**	**2.5**	**4.3**	**9.3**	**60**	*mg/kg*	ND<0.25	0.66	0.27	0.40	0.97	**6.0 E**	ND<0.22	0.41	ND<0.23	ND<0.26	ND<0.24
Chromium	**30"**	**36"**	**180"**	**1,500"**	**6,800"**	*mg/kg*	**219 E**	**346 E**	**38.2 E**	**402 E**	**401 E**	**4000 E**	20.5 E	**774 F2E**	**113 E**	7.8 E	7.2 E
Lead	**63**	**400**	**400**	**1,000**	**3,900**	*mg/kg*	3.4	4.1	2.9	6.0	18.3	**97.4**	3.9	23.1	3.6	2.5	4.0
Selenium	**3.9**	**36**	**180**	**1,500**	**6,800**	*mg/kg*	ND<5.1	ND<5.7	ND<4.6	ND<5.2	ND<5.2	ND<7.5	ND<4.5	ND<4.5	ND<4.6	ND<5.1	ND<4.8
Silver	**2**	**36**	**180**	**1,500**	**6,800**	*mg/kg*	ND<0.76	ND<0.85	ND<0.69	ND<0.78	ND<0.79	1.8 E	ND<0.67	ND<0.68	ND<0.69	ND<0.77	ND<0.71
Mercury	**0.18**	**0.81**	**0.81**	**2.8**	**5.7**	*mg/kg*	ND<0.026	ND<0.025	ND<0.023	ND<0.028	ND<0.024	0.17	ND<0.023	ND<0.022	ND<0.021	ND<0.025	ND<0.026

Notes:
mg/kg = milligrams per kilogram
bgs = below ground surface
ppmv = parts per million by volume.
ND<5.5 = Not detected at or below the indicated method reporting limit value.
^ = laboratory qualifier indicates that instrument related quality control exceeds control limits.
E = Qualified as estimated as recommended in the DUSR
F2 = laboratory qualifier specifies MS/MSD Relative Percent Difference exceeds control limits.
NS = no standard set by Part 375-6 SCOs
Bold = Concentrations above SCOs.
' Limits reflectTitle 6 New York Codes, Rules and Regulations for Unrestricted and Restricted Part 375-6 (6 NYCRR-375-6) SCOs.
" SCO for chromium is based on trivalent chromium SCO due to the low concentration of hexavalent chromium seen in 2013 ROD.

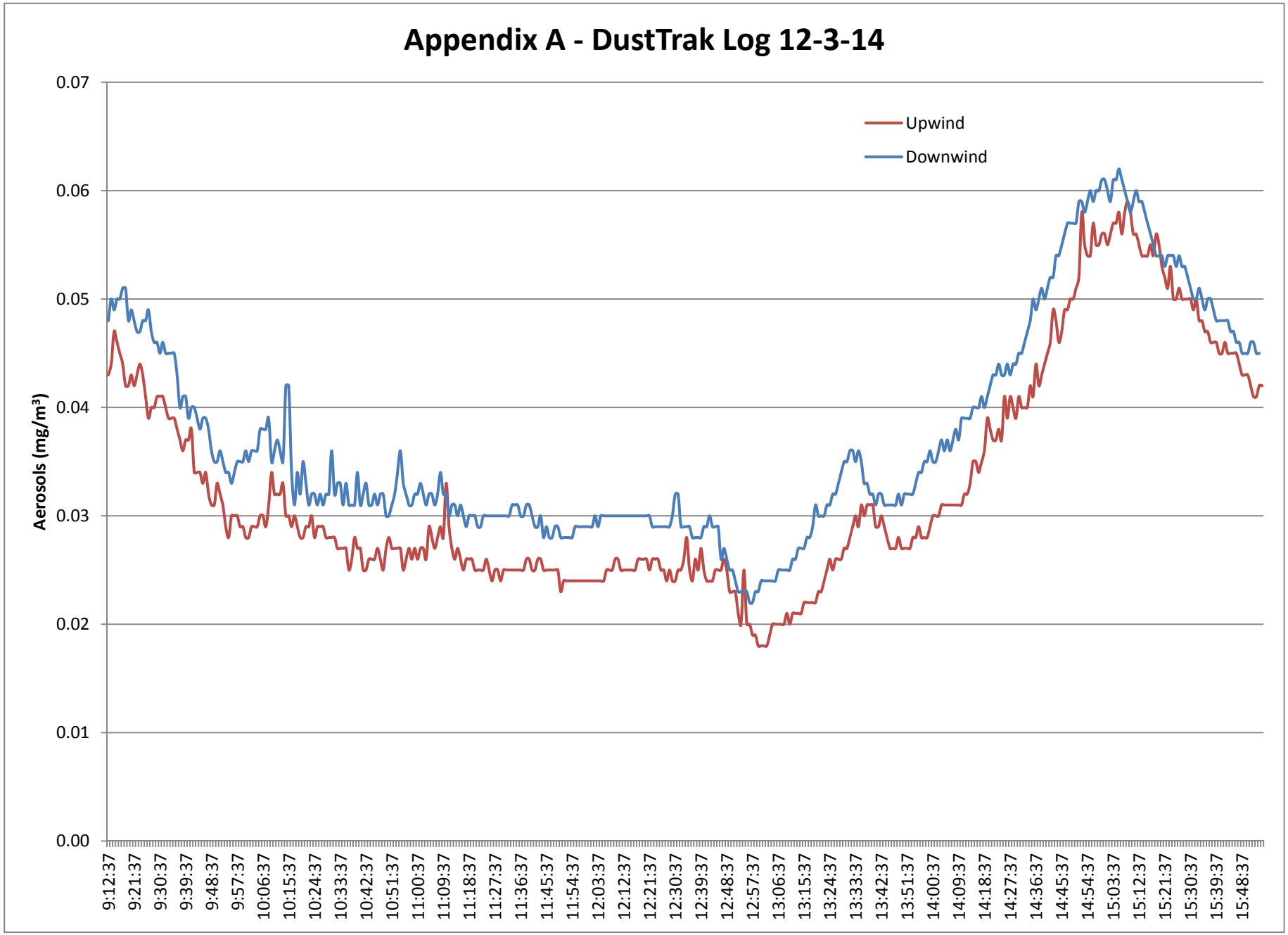
APPENDIX A

DustTrak Monitoring Log

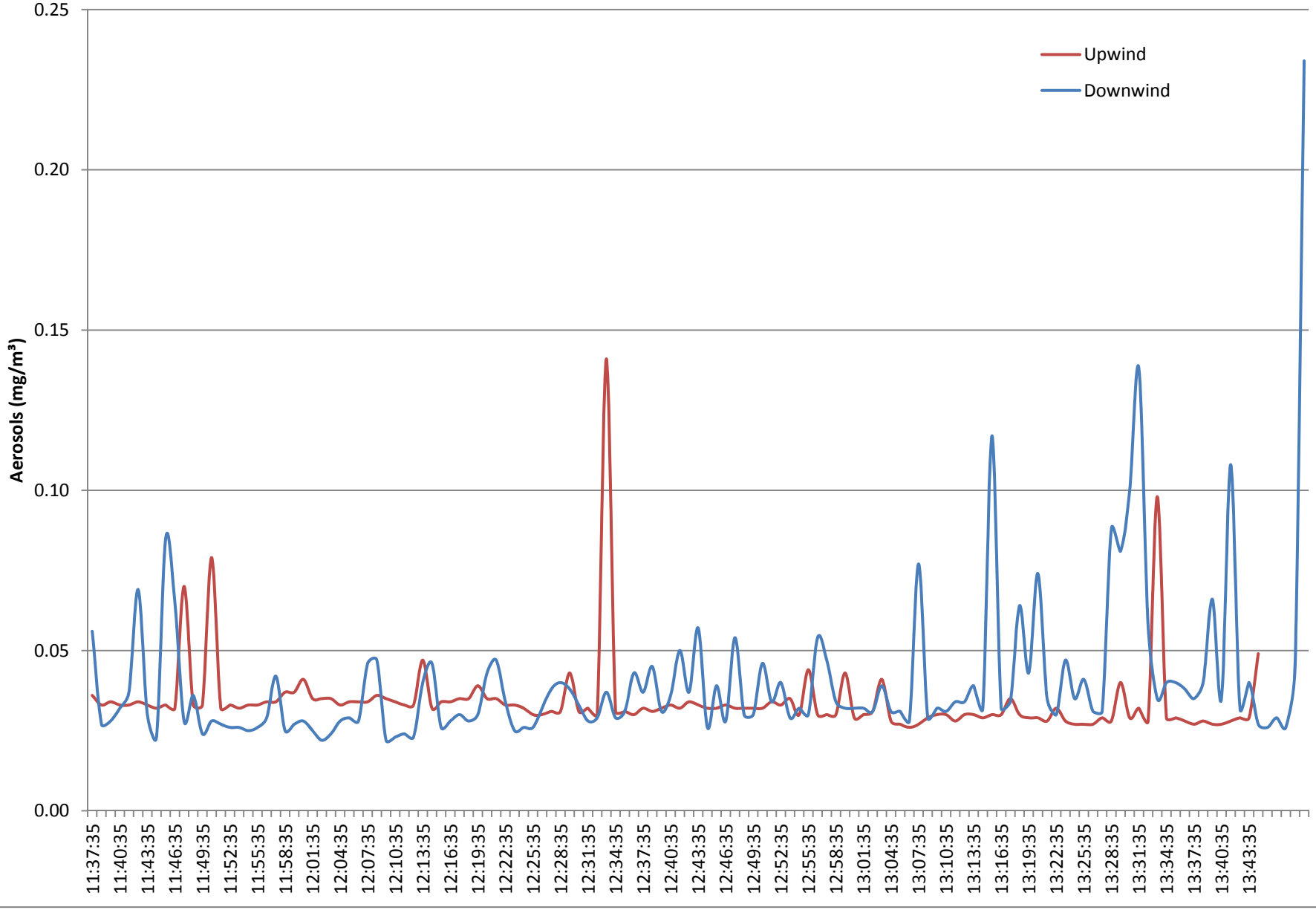
Appendix A - DustTrak Log 12-2-14



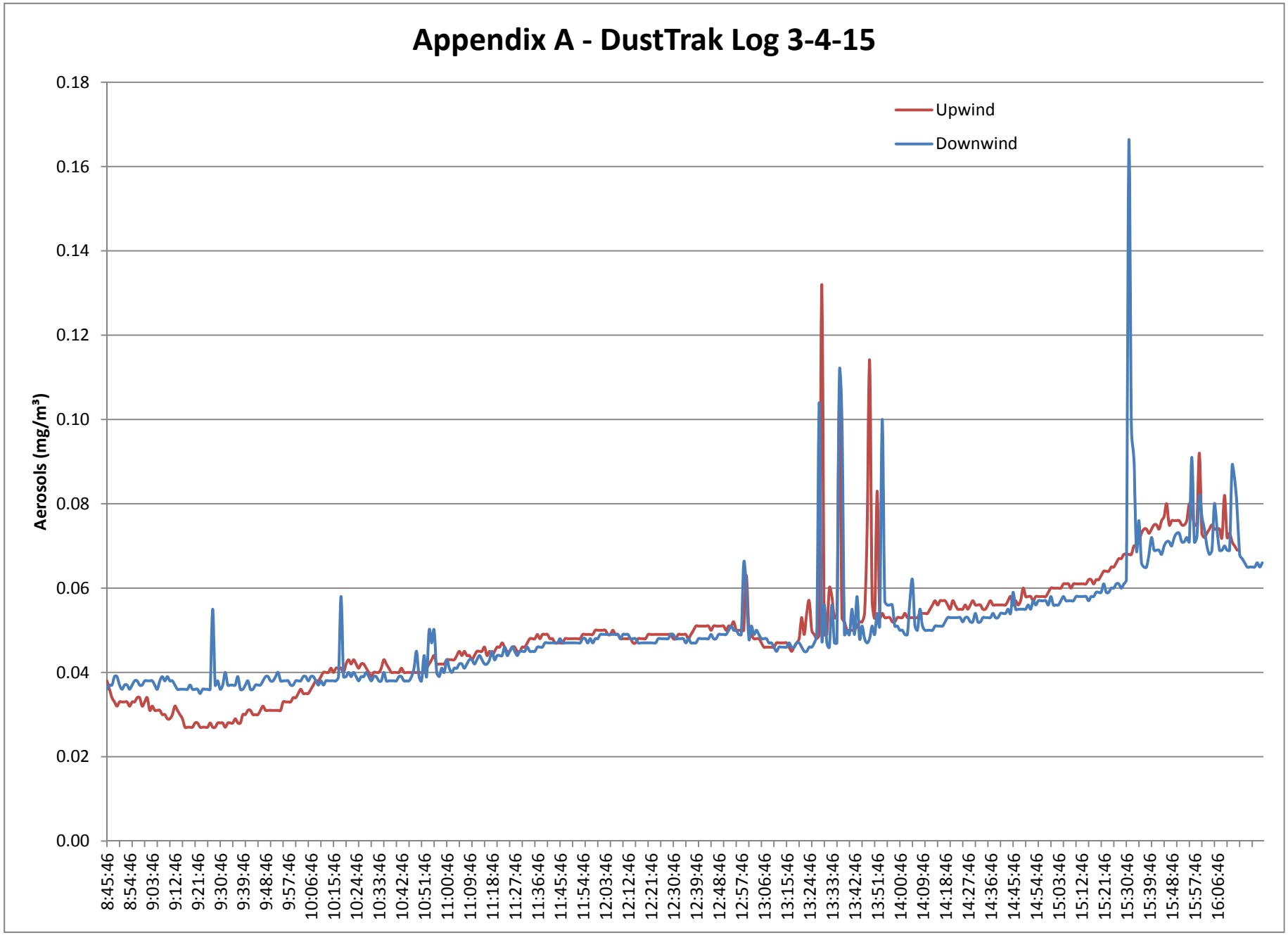
Appendix A - DustTrak Log 12-3-14



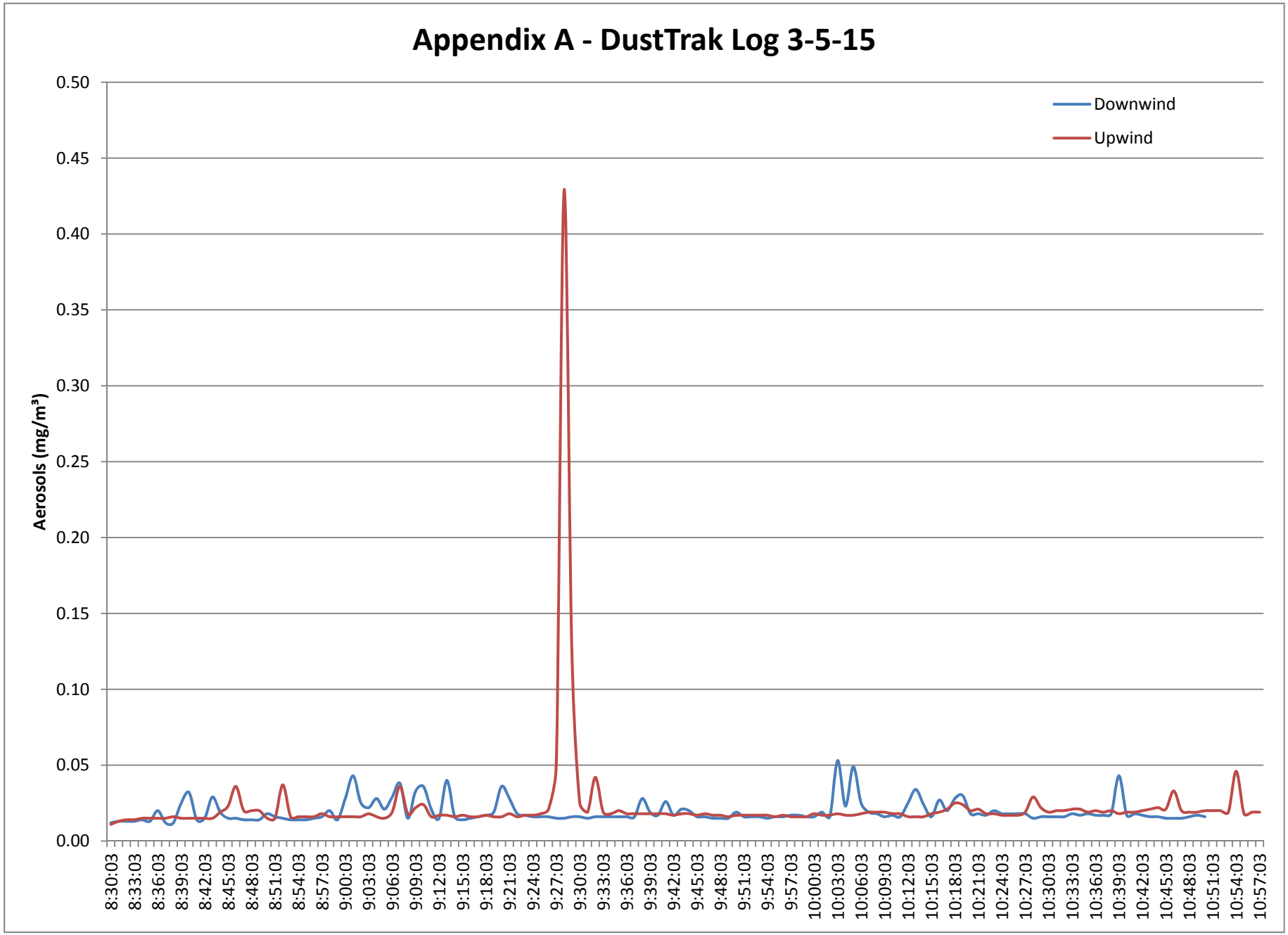
Appendix A - DustTrak Log 3-3-15



Appendix A - DustTrak Log 3-4-15



Appendix A - DustTrak Log 3-5-15



APPENDIX A

TrakPro Version 4.61 ASCII Data File

Model:	DustTrak II
Model Number:	8530
Serial Number:	8530142512
Test ID:	2
Test Abbreviation:	MANUAL_002
Start Date:	12/3/2014
Start Time:	9:11:37
Duration (dd:hh:mm:ss):	0:06:44:00
Log Interval (mm:ss):	1:00
Number of points:	404
Notes:	Upwind

Statistics	**Channel:**	AEROSOL
	Units:	mg/m^3
	Average:	0.033
	Minimum:	0.018
	Time of Minimum:	12:59:37
	Date of Minimum:	12/3/2014
	Maximum:	0.059
	Time of Maximum:	15:08:37
	Date of Maximum:	12/3/2014

Calibration	**Sensor:**	AEROSOL
	Cal. date	6/23/2014

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
12/3/2014	9:12:37	0.043
12/3/2014	9:13:37	0.044
12/3/2014	9:14:37	0.047
12/3/2014	9:15:37	0.046
12/3/2014	9:16:37	0.045
12/3/2014	9:17:37	0.044
12/3/2014	9:18:37	0.042
12/3/2014	9:19:37	0.042
12/3/2014	9:20:37	0.043
12/3/2014	9:21:37	0.042
12/3/2014	9:22:37	0.043
12/3/2014	9:23:37	0.044
12/3/2014	9:24:37	0.043
12/3/2014	9:25:37	0.041
12/3/2014	9:26:37	0.039
12/3/2014	9:27:37	0.04
12/3/2014	9:28:37	0.04
12/3/2014	9:29:37	0.041
12/3/2014	9:30:37	0.041
12/3/2014	9:31:37	0.041
12/3/2014	9:32:37	0.04
12/3/2014	9:33:37	0.039
12/3/2014	9:34:37	0.039
12/3/2014	9:35:37	0.039
12/3/2014	9:36:37	0.038
12/3/2014	9:37:37	0.037
12/3/2014	9:38:37	0.036
12/3/2014	9:39:37	0.037

TrakPro Version 4.61 ASCII Data File

Model:	DustTrak II
Model Number:	8530
Serial Number:	8530141502
Test ID:	2
Test Abbreviation:	MANUAL_002
Start Date:	12/3/2014
Start Time:	9:15:44
Duration (dd:hh:mm:ss):	0:06:43:00
Log Interval (mm:ss):	1:00
Number of points:	403
Notes:	Downwind

Statistics	**Channel:**	AEROSOL
	Units:	mg/m^3
	Average:	0.037
	Minimum:	0.022
	Time of Minimum:	13:00:44
	Date of Minimum:	12/3/2014
	Maximum:	0.062
	Time of Maximum:	15:09:44
	Date of Maximum:	12/3/2014

Calibration	**Sensor:**	AEROSOL
	Cal. date	4/8/2014

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
12/3/2014	9:16:44	0.048
12/3/2014	9:17:44	0.05
12/3/2014	9:18:44	0.049
12/3/2014	9:19:44	0.05
12/3/2014	9:20:44	0.05
12/3/2014	9:21:44	0.051
12/3/2014	9:22:44	0.051
12/3/2014	9:23:44	0.048
12/3/2014	9:24:44	0.049
12/3/2014	9:25:44	0.048
12/3/2014	9:26:44	0.047
12/3/2014	9:27:44	0.047
12/3/2014	9:28:44	0.048
12/3/2014	9:29:44	0.048
12/3/2014	9:30:44	0.049
12/3/2014	9:31:44	0.047
12/3/2014	9:32:44	0.046
12/3/2014	9:33:44	0.046
12/3/2014	9:34:44	0.045
12/3/2014	9:35:44	0.046
12/3/2014	9:36:44	0.045
12/3/2014	9:37:44	0.045
12/3/2014	9:38:44	0.045
12/3/2014	9:39:44	0.045
12/3/2014	9:40:44	0.043
12/3/2014	9:41:44	0.04
12/3/2014	9:42:44	0.041
12/3/2014	9:43:44	0.041

APPENDIX A

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
12/3/2014	9:40:37	0.037
12/3/2014	9:41:37	0.038
12/3/2014	9:42:37	0.034
12/3/2014	9:43:37	0.034
12/3/2014	9:44:37	0.034
12/3/2014	9:45:37	0.033
12/3/2014	9:46:37	0.034
12/3/2014	9:47:37	0.032
12/3/2014	9:48:37	0.031
12/3/2014	9:49:37	0.031
12/3/2014	9:50:37	0.033
12/3/2014	9:51:37	0.032
12/3/2014	9:52:37	0.031
12/3/2014	9:53:37	0.029
12/3/2014	9:54:37	0.028
12/3/2014	9:55:37	0.03
12/3/2014	9:56:37	0.03
12/3/2014	9:57:37	0.03
12/3/2014	9:58:37	0.029
12/3/2014	9:59:37	0.029
12/3/2014	10:00:37	0.028
12/3/2014	10:01:37	0.028
12/3/2014	10:02:37	0.029
12/3/2014	10:03:37	0.029
12/3/2014	10:04:37	0.029
12/3/2014	10:05:37	0.03
12/3/2014	10:06:37	0.03
12/3/2014	10:07:37	0.029
12/3/2014	10:08:37	0.031
12/3/2014	10:09:37	0.034
12/3/2014	10:10:37	0.032
12/3/2014	10:11:37	0.032
12/3/2014	10:12:37	0.032
12/3/2014	10:13:37	0.033
12/3/2014	10:14:37	0.03
12/3/2014	10:15:37	0.03
12/3/2014	10:16:37	0.029
12/3/2014	10:17:37	0.03
12/3/2014	10:18:37	0.029
12/3/2014	10:19:37	0.028
12/3/2014	10:20:37	0.028
12/3/2014	10:21:37	0.029
12/3/2014	10:22:37	0.029
12/3/2014	10:23:37	0.03
12/3/2014	10:24:37	0.028
12/3/2014	10:25:37	0.029
12/3/2014	10:26:37	0.029
12/3/2014	10:27:37	0.029
12/3/2014	10:28:37	0.028
12/3/2014	10:29:37	0.028
12/3/2014	10:30:37	0.028
12/3/2014	10:31:37	0.028
12/3/2014	10:32:37	0.027
12/3/2014	10:33:37	0.027
12/3/2014	10:34:37	0.027

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
12/3/2014	9:44:44	0.039
12/3/2014	9:45:44	0.04
12/3/2014	9:46:44	0.04
12/3/2014	9:47:44	0.039
12/3/2014	9:48:44	0.038
12/3/2014	9:49:44	0.039
12/3/2014	9:50:44	0.039
12/3/2014	9:51:44	0.038
12/3/2014	9:52:44	0.036
12/3/2014	9:53:44	0.035
12/3/2014	9:54:44	0.035
12/3/2014	9:55:44	0.036
12/3/2014	9:56:44	0.035
12/3/2014	9:57:44	0.034
12/3/2014	9:58:44	0.034
12/3/2014	9:59:44	0.033
12/3/2014	10:00:44	0.034
12/3/2014	10:01:44	0.035
12/3/2014	10:02:44	0.035
12/3/2014	10:03:44	0.035
12/3/2014	10:04:44	0.036
12/3/2014	10:05:44	0.035
12/3/2014	10:06:44	0.036
12/3/2014	10:07:44	0.036
12/3/2014	10:08:44	0.036
12/3/2014	10:09:44	0.038
12/3/2014	10:10:44	0.038
12/3/2014	10:11:44	0.038
12/3/2014	10:12:44	0.039
12/3/2014	10:13:44	0.035
12/3/2014	10:14:44	0.036
12/3/2014	10:15:44	0.037
12/3/2014	10:16:44	0.036
12/3/2014	10:17:44	0.035
12/3/2014	10:18:44	0.042
12/3/2014	10:19:44	0.042
12/3/2014	10:20:44	0.034
12/3/2014	10:21:44	0.031
12/3/2014	10:22:44	0.034
12/3/2014	10:23:44	0.032
12/3/2014	10:24:44	0.035
12/3/2014	10:25:44	0.033
12/3/2014	10:26:44	0.031
12/3/2014	10:27:44	0.032
12/3/2014	10:28:44	0.032
12/3/2014	10:29:44	0.031
12/3/2014	10:30:44	0.032
12/3/2014	10:31:44	0.031
12/3/2014	10:32:44	0.032
12/3/2014	10:33:44	0.032
12/3/2014	10:34:44	0.036
12/3/2014	10:35:44	0.032
12/3/2014	10:36:44	0.033
12/3/2014	10:37:44	0.033
12/3/2014	10:38:44	0.031

APPENDIX A

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
12/3/2014	10:35:37	0.027
12/3/2014	10:36:37	0.025
12/3/2014	10:37:37	0.026
12/3/2014	10:38:37	0.028
12/3/2014	10:39:37	0.027
12/3/2014	10:40:37	0.027
12/3/2014	10:41:37	0.025
12/3/2014	10:42:37	0.025
12/3/2014	10:43:37	0.026
12/3/2014	10:44:37	0.026
12/3/2014	10:45:37	0.026
12/3/2014	10:46:37	0.027
12/3/2014	10:47:37	0.026
12/3/2014	10:48:37	0.025
12/3/2014	10:49:37	0.027
12/3/2014	10:50:37	0.028
12/3/2014	10:51:37	0.027
12/3/2014	10:52:37	0.027
12/3/2014	10:53:37	0.027
12/3/2014	10:54:37	0.027
12/3/2014	10:55:37	0.025
12/3/2014	10:56:37	0.026
12/3/2014	10:57:37	0.027
12/3/2014	10:58:37	0.026
12/3/2014	10:59:37	0.027
12/3/2014	11:00:37	0.026
12/3/2014	11:01:37	0.027
12/3/2014	11:02:37	0.027
12/3/2014	11:03:37	0.026
12/3/2014	11:04:37	0.029
12/3/2014	11:05:37	0.028
12/3/2014	11:06:37	0.027
12/3/2014	11:07:37	0.028
12/3/2014	11:08:37	0.029
12/3/2014	11:09:37	0.028
12/3/2014	11:10:37	0.033
12/3/2014	11:11:37	0.029
12/3/2014	11:12:37	0.027
12/3/2014	11:13:37	0.026
12/3/2014	11:14:37	0.027
12/3/2014	11:15:37	0.026
12/3/2014	11:16:37	0.025
12/3/2014	11:17:37	0.026
12/3/2014	11:18:37	0.026
12/3/2014	11:19:37	0.026
12/3/2014	11:20:37	0.025
12/3/2014	11:21:37	0.025
12/3/2014	11:22:37	0.025
12/3/2014	11:23:37	0.025
12/3/2014	11:24:37	0.026
12/3/2014	11:25:37	0.025
12/3/2014	11:26:37	0.024
12/3/2014	11:27:37	0.025
12/3/2014	11:28:37	0.025
12/3/2014	11:29:37	0.024

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
12/3/2014	10:39:44	0.033
12/3/2014	10:40:44	0.031
12/3/2014	10:41:44	0.031
12/3/2014	10:42:44	0.031
12/3/2014	10:43:44	0.034
12/3/2014	10:44:44	0.031
12/3/2014	10:45:44	0.032
12/3/2014	10:46:44	0.033
12/3/2014	10:47:44	0.031
12/3/2014	10:48:44	0.031
12/3/2014	10:49:44	0.032
12/3/2014	10:50:44	0.031
12/3/2014	10:51:44	0.032
12/3/2014	10:52:44	0.032
12/3/2014	10:53:44	0.03
12/3/2014	10:54:44	0.03
12/3/2014	10:55:44	0.031
12/3/2014	10:56:44	0.032
12/3/2014	10:57:44	0.034
12/3/2014	10:58:44	0.036
12/3/2014	10:59:44	0.033
12/3/2014	11:00:44	0.032
12/3/2014	11:01:44	0.031
12/3/2014	11:02:44	0.031
12/3/2014	11:03:44	0.032
12/3/2014	11:04:44	0.032
12/3/2014	11:05:44	0.033
12/3/2014	11:06:44	0.032
12/3/2014	11:07:44	0.031
12/3/2014	11:08:44	0.032
12/3/2014	11:09:44	0.032
12/3/2014	11:10:44	0.031
12/3/2014	11:11:44	0.032
12/3/2014	11:12:44	0.034
12/3/2014	11:13:44	0.032
12/3/2014	11:14:44	0.032
12/3/2014	11:15:44	0.03
12/3/2014	11:16:44	0.031
12/3/2014	11:17:44	0.031
12/3/2014	11:18:44	0.03
12/3/2014	11:19:44	0.031
12/3/2014	11:20:44	0.03
12/3/2014	11:21:44	0.029
12/3/2014	11:22:44	0.03
12/3/2014	11:23:44	0.03
12/3/2014	11:24:44	0.03
12/3/2014	11:25:44	0.029
12/3/2014	11:26:44	0.029
12/3/2014	11:27:44	0.03
12/3/2014	11:28:44	0.03
12/3/2014	11:29:44	0.03
12/3/2014	11:30:44	0.03
12/3/2014	11:31:44	0.03
12/3/2014	11:32:44	0.03
12/3/2014	11:33:44	0.03

APPENDIX A

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
12/3/2014	11:30:37	0.025
12/3/2014	11:31:37	0.025
12/3/2014	11:32:37	0.025
12/3/2014	11:33:37	0.025
12/3/2014	11:34:37	0.025
12/3/2014	11:35:37	0.025
12/3/2014	11:36:37	0.025
12/3/2014	11:37:37	0.025
12/3/2014	11:38:37	0.026
12/3/2014	11:39:37	0.026
12/3/2014	11:40:37	0.025
12/3/2014	11:41:37	0.025
12/3/2014	11:42:37	0.026
12/3/2014	11:43:37	0.026
12/3/2014	11:44:37	0.025
12/3/2014	11:45:37	0.025
12/3/2014	11:46:37	0.025
12/3/2014	11:47:37	0.025
12/3/2014	11:48:37	0.025
12/3/2014	11:49:37	0.025
12/3/2014	11:50:37	0.023
12/3/2014	11:51:37	0.024
12/3/2014	11:52:37	0.024
12/3/2014	11:53:37	0.024
12/3/2014	11:54:37	0.024
12/3/2014	11:55:37	0.024
12/3/2014	11:56:37	0.024
12/3/2014	11:57:37	0.024
12/3/2014	11:58:37	0.024
12/3/2014	11:59:37	0.024
12/3/2014	12:00:37	0.024
12/3/2014	12:01:37	0.024
12/3/2014	12:02:37	0.024
12/3/2014	12:03:37	0.024
12/3/2014	12:04:37	0.024
12/3/2014	12:05:37	0.024
12/3/2014	12:06:37	0.025
12/3/2014	12:07:37	0.025
12/3/2014	12:08:37	0.025
12/3/2014	12:09:37	0.026
12/3/2014	12:10:37	0.026
12/3/2014	12:11:37	0.025
12/3/2014	12:12:37	0.025
12/3/2014	12:13:37	0.025
12/3/2014	12:14:37	0.025
12/3/2014	12:15:37	0.025
12/3/2014	12:16:37	0.025
12/3/2014	12:17:37	0.026
12/3/2014	12:18:37	0.026
12/3/2014	12:19:37	0.026
12/3/2014	12:20:37	0.026
12/3/2014	12:21:37	0.025
12/3/2014	12:22:37	0.026
12/3/2014	12:23:37	0.026
12/3/2014	12:24:37	0.026

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
12/3/2014	11:34:44	0.03
12/3/2014	11:35:44	0.03
12/3/2014	11:36:44	0.03
12/3/2014	11:37:44	0.031
12/3/2014	11:38:44	0.031
12/3/2014	11:39:44	0.031
12/3/2014	11:40:44	0.03
12/3/2014	11:41:44	0.03
12/3/2014	11:42:44	0.031
12/3/2014	11:43:44	0.031
12/3/2014	11:44:44	0.03
12/3/2014	11:45:44	0.029
12/3/2014	11:46:44	0.029
12/3/2014	11:47:44	0.03
12/3/2014	11:48:44	0.028
12/3/2014	11:49:44	0.029
12/3/2014	11:50:44	0.028
12/3/2014	11:51:44	0.028
12/3/2014	11:52:44	0.029
12/3/2014	11:53:44	0.029
12/3/2014	11:54:44	0.028
12/3/2014	11:55:44	0.028
12/3/2014	11:56:44	0.028
12/3/2014	11:57:44	0.028
12/3/2014	11:58:44	0.028
12/3/2014	11:59:44	0.029
12/3/2014	12:00:44	0.029
12/3/2014	12:01:44	0.029
12/3/2014	12:02:44	0.029
12/3/2014	12:03:44	0.029
12/3/2014	12:04:44	0.029
12/3/2014	12:05:44	0.029
12/3/2014	12:06:44	0.03
12/3/2014	12:07:44	0.029
12/3/2014	12:08:44	0.03
12/3/2014	12:09:44	0.03
12/3/2014	12:10:44	0.03
12/3/2014	12:11:44	0.03
12/3/2014	12:12:44	0.03
12/3/2014	12:13:44	0.03
12/3/2014	12:14:44	0.03
12/3/2014	12:15:44	0.03
12/3/2014	12:16:44	0.03
12/3/2014	12:17:44	0.03
12/3/2014	12:18:44	0.03
12/3/2014	12:19:44	0.03
12/3/2014	12:20:44	0.03
12/3/2014	12:21:44	0.03
12/3/2014	12:22:44	0.03
12/3/2014	12:23:44	0.03
12/3/2014	12:24:44	0.03
12/3/2014	12:25:44	0.03
12/3/2014	12:26:44	0.029
12/3/2014	12:27:44	0.029
12/3/2014	12:28:44	0.029

APPENDIX A

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
12/3/2014	12:25:37	0.025
12/3/2014	12:26:37	0.025
12/3/2014	12:27:37	0.024
12/3/2014	12:28:37	0.025
12/3/2014	12:29:37	0.024
12/3/2014	12:30:37	0.024
12/3/2014	12:31:37	0.025
12/3/2014	12:32:37	0.025
12/3/2014	12:33:37	0.026
12/3/2014	12:34:37	0.028
12/3/2014	12:35:37	0.025
12/3/2014	12:36:37	0.024
12/3/2014	12:37:37	0.026
12/3/2014	12:38:37	0.025
12/3/2014	12:39:37	0.027
12/3/2014	12:40:37	0.025
12/3/2014	12:41:37	0.024
12/3/2014	12:42:37	0.024
12/3/2014	12:43:37	0.024
12/3/2014	12:44:37	0.025
12/3/2014	12:45:37	0.025
12/3/2014	12:46:37	0.025
12/3/2014	12:47:37	0.026
12/3/2014	12:48:37	0.025
12/3/2014	12:49:37	0.023
12/3/2014	12:50:37	0.023
12/3/2014	12:51:37	0.023
12/3/2014	12:52:37	0.021
12/3/2014	12:53:37	0.02
12/3/2014	12:54:37	0.025
12/3/2014	12:55:37	0.02
12/3/2014	12:56:37	0.02
12/3/2014	12:57:37	0.019
12/3/2014	12:58:37	0.019
12/3/2014	12:59:37	0.018
12/3/2014	13:00:37	0.018
12/3/2014	13:01:37	0.018
12/3/2014	13:02:37	0.018
12/3/2014	13:03:37	0.019
12/3/2014	13:04:37	0.02
12/3/2014	13:05:37	0.02
12/3/2014	13:06:37	0.02
12/3/2014	13:07:37	0.02
12/3/2014	13:08:37	0.02
12/3/2014	13:09:37	0.021
12/3/2014	13:10:37	0.02
12/3/2014	13:11:37	0.021
12/3/2014	13:12:37	0.021
12/3/2014	13:13:37	0.021
12/3/2014	13:14:37	0.021
12/3/2014	13:15:37	0.022
12/3/2014	13:16:37	0.022
12/3/2014	13:17:37	0.022
12/3/2014	13:18:37	0.022
12/3/2014	13:19:37	0.022

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
12/3/2014	12:29:44	0.029
12/3/2014	12:30:44	0.029
12/3/2014	12:31:44	0.029
12/3/2014	12:32:44	0.029
12/3/2014	12:33:44	0.03
12/3/2014	12:34:44	0.032
12/3/2014	12:35:44	0.032
12/3/2014	12:36:44	0.029
12/3/2014	12:37:44	0.029
12/3/2014	12:38:44	0.029
12/3/2014	12:39:44	0.029
12/3/2014	12:40:44	0.028
12/3/2014	12:41:44	0.028
12/3/2014	12:42:44	0.028
12/3/2014	12:43:44	0.028
12/3/2014	12:44:44	0.029
12/3/2014	12:45:44	0.029
12/3/2014	12:46:44	0.03
12/3/2014	12:47:44	0.029
12/3/2014	12:48:44	0.029
12/3/2014	12:49:44	0.029
12/3/2014	12:50:44	0.026
12/3/2014	12:51:44	0.027
12/3/2014	12:52:44	0.026
12/3/2014	12:53:44	0.025
12/3/2014	12:54:44	0.025
12/3/2014	12:55:44	0.024
12/3/2014	12:56:44	0.023
12/3/2014	12:57:44	0.023
12/3/2014	12:58:44	0.023
12/3/2014	12:59:44	0.023
12/3/2014	13:00:44	0.022
12/3/2014	13:01:44	0.022
12/3/2014	13:02:44	0.023
12/3/2014	13:03:44	0.023
12/3/2014	13:04:44	0.024
12/3/2014	13:05:44	0.024
12/3/2014	13:06:44	0.024
12/3/2014	13:07:44	0.024
12/3/2014	13:08:44	0.024
12/3/2014	13:09:44	0.024
12/3/2014	13:10:44	0.025
12/3/2014	13:11:44	0.025
12/3/2014	13:12:44	0.025
12/3/2014	13:13:44	0.025
12/3/2014	13:14:44	0.025
12/3/2014	13:15:44	0.026
12/3/2014	13:16:44	0.026
12/3/2014	13:17:44	0.027
12/3/2014	13:18:44	0.027
12/3/2014	13:19:44	0.027
12/3/2014	13:20:44	0.028
12/3/2014	13:21:44	0.028
12/3/2014	13:22:44	0.029
12/3/2014	13:23:44	0.031

APPENDIX A

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
12/3/2014	13:20:37	0.023
12/3/2014	13:21:37	0.023
12/3/2014	13:22:37	0.024
12/3/2014	13:23:37	0.025
12/3/2014	13:24:37	0.026
12/3/2014	13:25:37	0.025
12/3/2014	13:26:37	0.026
12/3/2014	13:27:37	0.026
12/3/2014	13:28:37	0.026
12/3/2014	13:29:37	0.027
12/3/2014	13:30:37	0.027
12/3/2014	13:31:37	0.028
12/3/2014	13:32:37	0.029
12/3/2014	13:33:37	0.03
12/3/2014	13:34:37	0.029
12/3/2014	13:35:37	0.031
12/3/2014	13:36:37	0.03
12/3/2014	13:37:37	0.031
12/3/2014	13:38:37	0.031
12/3/2014	13:39:37	0.031
12/3/2014	13:40:37	0.029
12/3/2014	13:41:37	0.029
12/3/2014	13:42:37	0.03
12/3/2014	13:43:37	0.029
12/3/2014	13:44:37	0.028
12/3/2014	13:45:37	0.027
12/3/2014	13:46:37	0.027
12/3/2014	13:47:37	0.027
12/3/2014	13:48:37	0.028
12/3/2014	13:49:37	0.027
12/3/2014	13:50:37	0.027
12/3/2014	13:51:37	0.027
12/3/2014	13:52:37	0.027
12/3/2014	13:53:37	0.028
12/3/2014	13:54:37	0.028
12/3/2014	13:55:37	0.029
12/3/2014	13:56:37	0.028
12/3/2014	13:57:37	0.028
12/3/2014	13:58:37	0.028
12/3/2014	13:59:37	0.029
12/3/2014	14:00:37	0.03
12/3/2014	14:01:37	0.03
12/3/2014	14:02:37	0.03
12/3/2014	14:03:37	0.031
12/3/2014	14:04:37	0.031
12/3/2014	14:05:37	0.031
12/3/2014	14:06:37	0.031
12/3/2014	14:07:37	0.031
12/3/2014	14:08:37	0.031
12/3/2014	14:09:37	0.031
12/3/2014	14:10:37	0.031
12/3/2014	14:11:37	0.032
12/3/2014	14:12:37	0.032
12/3/2014	14:13:37	0.033
12/3/2014	14:14:37	0.035

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
12/3/2014	13:24:44	0.03
12/3/2014	13:25:44	0.03
12/3/2014	13:26:44	0.03
12/3/2014	13:27:44	0.031
12/3/2014	13:28:44	0.031
12/3/2014	13:29:44	0.032
12/3/2014	13:30:44	0.032
12/3/2014	13:31:44	0.033
12/3/2014	13:32:44	0.034
12/3/2014	13:33:44	0.035
12/3/2014	13:34:44	0.035
12/3/2014	13:35:44	0.036
12/3/2014	13:36:44	0.036
12/3/2014	13:37:44	0.035
12/3/2014	13:38:44	0.036
12/3/2014	13:39:44	0.035
12/3/2014	13:40:44	0.033
12/3/2014	13:41:44	0.033
12/3/2014	13:42:44	0.032
12/3/2014	13:43:44	0.032
12/3/2014	13:44:44	0.031
12/3/2014	13:45:44	0.032
12/3/2014	13:46:44	0.032
12/3/2014	13:47:44	0.031
12/3/2014	13:48:44	0.031
12/3/2014	13:49:44	0.031
12/3/2014	13:50:44	0.031
12/3/2014	13:51:44	0.031
12/3/2014	13:52:44	0.032
12/3/2014	13:53:44	0.031
12/3/2014	13:54:44	0.032
12/3/2014	13:55:44	0.032
12/3/2014	13:56:44	0.032
12/3/2014	13:57:44	0.032
12/3/2014	13:58:44	0.033
12/3/2014	13:59:44	0.034
12/3/2014	14:00:44	0.034
12/3/2014	14:01:44	0.035
12/3/2014	14:02:44	0.035
12/3/2014	14:03:44	0.036
12/3/2014	14:04:44	0.035
12/3/2014	14:05:44	0.035
12/3/2014	14:06:44	0.036
12/3/2014	14:07:44	0.037
12/3/2014	14:08:44	0.036
12/3/2014	14:09:44	0.037
12/3/2014	14:10:44	0.036
12/3/2014	14:11:44	0.037
12/3/2014	14:12:44	0.038
12/3/2014	14:13:44	0.037
12/3/2014	14:14:44	0.039
12/3/2014	14:15:44	0.039
12/3/2014	14:16:44	0.039
12/3/2014	14:17:44	0.039
12/3/2014	14:18:44	0.04

APPENDIX A

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
12/3/2014	14:15:37	0.035
12/3/2014	14:16:37	0.034
12/3/2014	14:17:37	0.035
12/3/2014	14:18:37	0.036
12/3/2014	14:19:37	0.039
12/3/2014	14:20:37	0.038
12/3/2014	14:21:37	0.037
12/3/2014	14:22:37	0.037
12/3/2014	14:23:37	0.038
12/3/2014	14:24:37	0.037
12/3/2014	14:25:37	0.041
12/3/2014	14:26:37	0.039
12/3/2014	14:27:37	0.041
12/3/2014	14:28:37	0.04
12/3/2014	14:29:37	0.039
12/3/2014	14:30:37	0.041
12/3/2014	14:31:37	0.04
12/3/2014	14:32:37	0.04
12/3/2014	14:33:37	0.04
12/3/2014	14:34:37	0.042
12/3/2014	14:35:37	0.041
12/3/2014	14:36:37	0.044
12/3/2014	14:37:37	0.042
12/3/2014	14:38:37	0.043
12/3/2014	14:39:37	0.044
12/3/2014	14:40:37	0.045
12/3/2014	14:41:37	0.046
12/3/2014	14:42:37	0.049
12/3/2014	14:43:37	0.048
12/3/2014	14:44:37	0.046
12/3/2014	14:45:37	0.047
12/3/2014	14:46:37	0.049
12/3/2014	14:47:37	0.049
12/3/2014	14:48:37	0.05
12/3/2014	14:49:37	0.05
12/3/2014	14:50:37	0.051
12/3/2014	14:51:37	0.052
12/3/2014	14:52:37	0.058
12/3/2014	14:53:37	0.055
12/3/2014	14:54:37	0.054
12/3/2014	14:55:37	0.054
12/3/2014	14:56:37	0.057
12/3/2014	14:57:37	0.055
12/3/2014	14:58:37	0.055
12/3/2014	14:59:37	0.056
12/3/2014	15:00:37	0.056
12/3/2014	15:01:37	0.055
12/3/2014	15:02:37	0.056
12/3/2014	15:03:37	0.057
12/3/2014	15:04:37	0.057
12/3/2014	15:05:37	0.058
12/3/2014	15:06:37	0.056
12/3/2014	15:07:37	0.058
12/3/2014	15:08:37	0.059
12/3/2014	15:09:37	0.058

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
12/3/2014	14:19:44	0.04
12/3/2014	14:20:44	0.04
12/3/2014	14:21:44	0.041
12/3/2014	14:22:44	0.04
12/3/2014	14:23:44	0.041
12/3/2014	14:24:44	0.042
12/3/2014	14:25:44	0.043
12/3/2014	14:26:44	0.043
12/3/2014	14:27:44	0.044
12/3/2014	14:28:44	0.043
12/3/2014	14:29:44	0.043
12/3/2014	14:30:44	0.044
12/3/2014	14:31:44	0.043
12/3/2014	14:32:44	0.044
12/3/2014	14:33:44	0.044
12/3/2014	14:34:44	0.045
12/3/2014	14:35:44	0.045
12/3/2014	14:36:44	0.046
12/3/2014	14:37:44	0.047
12/3/2014	14:38:44	0.048
12/3/2014	14:39:44	0.05
12/3/2014	14:40:44	0.049
12/3/2014	14:41:44	0.05
12/3/2014	14:42:44	0.051
12/3/2014	14:43:44	0.05
12/3/2014	14:44:44	0.051
12/3/2014	14:45:44	0.052
12/3/2014	14:46:44	0.052
12/3/2014	14:47:44	0.054
12/3/2014	14:48:44	0.054
12/3/2014	14:49:44	0.055
12/3/2014	14:50:44	0.056
12/3/2014	14:51:44	0.057
12/3/2014	14:52:44	0.057
12/3/2014	14:53:44	0.057
12/3/2014	14:54:44	0.057
12/3/2014	14:55:44	0.059
12/3/2014	14:56:44	0.059
12/3/2014	14:57:44	0.058
12/3/2014	14:58:44	0.059
12/3/2014	14:59:44	0.06
12/3/2014	15:00:44	0.059
12/3/2014	15:01:44	0.06
12/3/2014	15:02:44	0.06
12/3/2014	15:03:44	0.061
12/3/2014	15:04:44	0.061
12/3/2014	15:05:44	0.06
12/3/2014	15:06:44	0.059
12/3/2014	15:07:44	0.061
12/3/2014	15:08:44	0.061
12/3/2014	15:09:44	0.062
12/3/2014	15:10:44	0.061
12/3/2014	15:11:44	0.06
12/3/2014	15:12:44	0.059
12/3/2014	15:13:44	0.058

APPENDIX A

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
12/3/2014	15:10:37	0.056
12/3/2014	15:11:37	0.056
12/3/2014	15:12:37	0.055
12/3/2014	15:13:37	0.054
12/3/2014	15:14:37	0.054
12/3/2014	15:15:37	0.054
12/3/2014	15:16:37	0.055
12/3/2014	15:17:37	0.054
12/3/2014	15:18:37	0.056
12/3/2014	15:19:37	0.055
12/3/2014	15:20:37	0.053
12/3/2014	15:21:37	0.052
12/3/2014	15:22:37	0.051
12/3/2014	15:23:37	0.053
12/3/2014	15:24:37	0.05
12/3/2014	15:25:37	0.05
12/3/2014	15:26:37	0.051
12/3/2014	15:27:37	0.05
12/3/2014	15:28:37	0.05
12/3/2014	15:29:37	0.05
12/3/2014	15:30:37	0.05
12/3/2014	15:31:37	0.049
12/3/2014	15:32:37	0.05
12/3/2014	15:33:37	0.048
12/3/2014	15:34:37	0.048
12/3/2014	15:35:37	0.047
12/3/2014	15:36:37	0.047
12/3/2014	15:37:37	0.046
12/3/2014	15:38:37	0.046
12/3/2014	15:39:37	0.046
12/3/2014	15:40:37	0.045
12/3/2014	15:41:37	0.045
12/3/2014	15:42:37	0.046
12/3/2014	15:43:37	0.045
12/3/2014	15:44:37	0.045
12/3/2014	15:45:37	0.045
12/3/2014	15:46:37	0.045
12/3/2014	15:47:37	0.044
12/3/2014	15:48:37	0.043
12/3/2014	15:49:37	0.043
12/3/2014	15:50:37	0.043
12/3/2014	15:51:37	0.042
12/3/2014	15:52:37	0.041
12/3/2014	15:53:37	0.041
12/3/2014	15:54:37	0.042
12/3/2014	15:55:37	0.042

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
12/3/2014	15:14:44	0.059
12/3/2014	15:15:44	0.06
12/3/2014	15:16:44	0.059
12/3/2014	15:17:44	0.059
12/3/2014	15:18:44	0.058
12/3/2014	15:19:44	0.057
12/3/2014	15:20:44	0.056
12/3/2014	15:21:44	0.055
12/3/2014	15:22:44	0.054
12/3/2014	15:23:44	0.054
12/3/2014	15:24:44	0.054
12/3/2014	15:25:44	0.053
12/3/2014	15:26:44	0.054
12/3/2014	15:27:44	0.054
12/3/2014	15:28:44	0.054
12/3/2014	15:29:44	0.053
12/3/2014	15:30:44	0.054
12/3/2014	15:31:44	0.053
12/3/2014	15:32:44	0.053
12/3/2014	15:33:44	0.052
12/3/2014	15:34:44	0.051
12/3/2014	15:35:44	0.05
12/3/2014	15:36:44	0.05
12/3/2014	15:37:44	0.051
12/3/2014	15:38:44	0.05
12/3/2014	15:39:44	0.049
12/3/2014	15:40:44	0.05
12/3/2014	15:41:44	0.05
12/3/2014	15:42:44	0.049
12/3/2014	15:43:44	0.048
12/3/2014	15:44:44	0.048
12/3/2014	15:45:44	0.048
12/3/2014	15:46:44	0.048
12/3/2014	15:47:44	0.048
12/3/2014	15:48:44	0.047
12/3/2014	15:49:44	0.047
12/3/2014	15:50:44	0.046
12/3/2014	15:51:44	0.046
12/3/2014	15:52:44	0.045
12/3/2014	15:53:44	0.045
12/3/2014	15:54:44	0.045
12/3/2014	15:55:44	0.046
12/3/2014	15:56:44	0.046
12/3/2014	15:57:44	0.045
12/3/2014	15:58:44	0.045

Note:
MM/dd/yyyy = Month/day/year
hh:mm:ss = hour:minute:second
mg/m^3 =milligrams per meter cubed

APPENDIX A

TrakPro Version 4.61 ASCII Data File

Model:	DustTrak II
Model Number:	8530
Serial Number:	8530142512
Test ID:	001
Test Abbreviation:	MANUAL_001
Start Date:	12/02/2014
Start Time:	09:02:00
Duration (dd:hh:mm:ss):	0:02:39:00
Log Interval (mm:ss):	01:00
Number of points:	159
Notes:	Upwind

Statistics	**Channel:**	AEROSOL
	Units:	mg/m^3
	Average:	0.02
	Minimum:	0.017
	Time of Minimum:	9:50:00
	Date of Minimum:	12/2/2014
	Maximum:	0.033
	Time of Maximum:	9:10:00
	Date of Maximum:	12/2/2014

Calibration	**Sensor:**	AEROSOL
	Cal. date	6/23/2014

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
12/2/2014	09:03:00	0.026
12/2/2014	09:04:00	0.022
12/2/2014	09:05:00	0.027
12/2/2014	09:06:00	0.022
12/2/2014	09:07:00	0.021
12/2/2014	09:08:00	0.02
12/2/2014	09:09:00	0.025
12/2/2014	09:10:00	0.033
12/2/2014	09:11:00	0.029
12/2/2014	09:12:00	0.03
12/2/2014	09:13:00	0.023
12/2/2014	09:14:00	0.023
12/2/2014	09:15:00	0.025
12/2/2014	09:16:00	0.029
12/2/2014	09:17:00	0.03
12/2/2014	09:18:00	0.026
12/2/2014	09:19:00	0.022
12/2/2014	09:20:00	0.022
12/2/2014	09:21:00	0.024
12/2/2014	09:22:00	0.02
12/2/2014	09:23:00	0.02
12/2/2014	09:24:00	0.022
12/2/2014	09:25:00	0.025
12/2/2014	09:26:00	0.023
12/2/2014	09:27:00	0.023
12/2/2014	09:28:00	0.022
12/2/2014	09:29:00	0.021
12/2/2014	09:30:00	0.019

TrakPro Version 4.61 ASCII Data File

Model:	DustTrak II
Model Number:	8530
Serial Number:	8530141502
Test ID:	1
Test Abbreviation:	MANUAL_001
Start Date:	12/2/2014
Start Time:	8:54:24
Duration (dd:hh:mm:ss):	0:02:50:00
Log Interval (mm:ss):	1:00
Number of points:	170
Notes:	Downwind

Statistics	**Channel:**	AEROSOL
	Units:	mg/m^3
	Average:	0.023
	Minimum:	0.021
	Time of Minimum:	9:46:24
	Date of Minimum:	12/2/2014
	Maximum:	0.033
	Time of Maximum:	9:08:24
	Date of Maximum:	12/2/2014

Calibration	**Sensor:**	AEROSOL
	Cal. date	4/8/2014

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
12/2/2014	8:55:24	0.028
12/2/2014	8:56:24	0.029
12/2/2014	8:57:24	0.03
12/2/2014	8:58:24	0.032
12/2/2014	8:59:24	0.029
12/2/2014	9:00:24	0.027
12/2/2014	9:01:24	0.027
12/2/2014	9:02:24	0.025
12/2/2014	9:03:24	0.027
12/2/2014	9:04:24	0.031
12/2/2014	9:05:24	0.029
12/2/2014	9:06:24	0.023
12/2/2014	9:07:24	0.027
12/2/2014	9:08:24	0.033
12/2/2014	9:09:24	0.029
12/2/2014	9:10:24	0.031
12/2/2014	9:11:24	0.03
12/2/2014	9:12:24	0.028
12/2/2014	9:13:24	0.027
12/2/2014	9:14:24	0.027
12/2/2014	9:15:24	0.026
12/2/2014	9:16:24	0.027
12/2/2014	9:17:24	0.027
12/2/2014	9:18:24	0.029
12/2/2014	9:19:24	0.027
12/2/2014	9:20:24	0.027
12/2/2014	9:21:24	0.025
12/2/2014	9:22:24	0.024

APPENDIX A

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
12/2/2014	09:31:00	0.018
12/2/2014	09:32:00	0.019
12/2/2014	09:33:00	0.019
12/2/2014	09:34:00	0.018
12/2/2014	09:35:00	0.018
12/2/2014	09:36:00	0.019
12/2/2014	09:37:00	0.019
12/2/2014	09:38:00	0.019
12/2/2014	09:39:00	0.018
12/2/2014	09:40:00	0.021
12/2/2014	09:41:00	0.019
12/2/2014	09:42:00	0.018
12/2/2014	09:43:00	0.018
12/2/2014	09:44:00	0.018
12/2/2014	09:45:00	0.019
12/2/2014	09:46:00	0.019
12/2/2014	09:47:00	0.018
12/2/2014	09:48:00	0.019
12/2/2014	09:49:00	0.018
12/2/2014	09:50:00	0.017
12/2/2014	09:51:00	0.017
12/2/2014	09:52:00	0.017
12/2/2014	09:53:00	0.018
12/2/2014	09:54:00	0.018
12/2/2014	09:55:00	0.018
12/2/2014	09:56:00	0.018
12/2/2014	09:57:00	0.018
12/2/2014	09:58:00	0.018
12/2/2014	09:59:00	0.017
12/2/2014	10:00:00	0.017
12/2/2014	10:01:00	0.017
12/2/2014	10:02:00	0.017
12/2/2014	10:03:00	0.017
12/2/2014	10:04:00	0.018
12/2/2014	10:05:00	0.017
12/2/2014	10:06:00	0.017
12/2/2014	10:07:00	0.018
12/2/2014	10:08:00	0.018
12/2/2014	10:09:00	0.018
12/2/2014	10:10:00	0.018
12/2/2014	10:11:00	0.018
12/2/2014	10:12:00	0.018
12/2/2014	10:13:00	0.019
12/2/2014	10:14:00	0.018
12/2/2014	10:15:00	0.019
12/2/2014	10:16:00	0.018
12/2/2014	10:17:00	0.019
12/2/2014	10:18:00	0.018
12/2/2014	10:19:00	0.018
12/2/2014	10:20:00	0.018
12/2/2014	10:21:00	0.019
12/2/2014	10:22:00	0.018
12/2/2014	10:23:00	0.019
12/2/2014	10:24:00	0.018
12/2/2014	10:25:00	0.019

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
12/2/2014	9:23:24	0.025
12/2/2014	9:24:24	0.024
12/2/2014	9:25:24	0.026
12/2/2014	9:26:24	0.026
12/2/2014	9:27:24	0.025
12/2/2014	9:28:24	0.023
12/2/2014	9:29:24	0.023
12/2/2014	9:30:24	0.022
12/2/2014	9:31:24	0.023
12/2/2014	9:32:24	0.022
12/2/2014	9:33:24	0.022
12/2/2014	9:34:24	0.022
12/2/2014	9:35:24	0.022
12/2/2014	9:36:24	0.022
12/2/2014	9:37:24	0.022
12/2/2014	9:38:24	0.022
12/2/2014	9:39:24	0.022
12/2/2014	9:40:24	0.022
12/2/2014	9:41:24	0.022
12/2/2014	9:42:24	0.022
12/2/2014	9:43:24	0.022
12/2/2014	9:44:24	0.022
12/2/2014	9:45:24	0.022
12/2/2014	9:46:24	0.021
12/2/2014	9:47:24	0.022
12/2/2014	9:48:24	0.021
12/2/2014	9:49:24	0.021
12/2/2014	9:50:24	0.021
12/2/2014	9:51:24	0.021
12/2/2014	9:52:24	0.022
12/2/2014	9:53:24	0.022
12/2/2014	9:54:24	0.022
12/2/2014	9:55:24	0.022
12/2/2014	9:56:24	0.023
12/2/2014	9:57:24	0.023
12/2/2014	9:58:24	0.021
12/2/2014	9:59:24	0.021
12/2/2014	10:00:24	0.021
12/2/2014	10:01:24	0.021
12/2/2014	10:02:24	0.021
12/2/2014	10:03:24	0.023
12/2/2014	10:04:24	0.022
12/2/2014	10:05:24	0.021
12/2/2014	10:06:24	0.021
12/2/2014	10:07:24	0.021
12/2/2014	10:08:24	0.021
12/2/2014	10:09:24	0.021
12/2/2014	10:10:24	0.022
12/2/2014	10:11:24	0.022
12/2/2014	10:12:24	0.022
12/2/2014	10:13:24	0.021
12/2/2014	10:14:24	0.022
12/2/2014	10:15:24	0.022
12/2/2014	10:16:24	0.022
12/2/2014	10:17:24	0.022

APPENDIX A

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
12/2/2014	10:26:00	0.019
12/2/2014	10:27:00	0.019
12/2/2014	10:28:00	0.018
12/2/2014	10:29:00	0.019
12/2/2014	10:30:00	0.019
12/2/2014	10:31:00	0.019
12/2/2014	10:32:00	0.019
12/2/2014	10:33:00	0.018
12/2/2014	10:34:00	0.019
12/2/2014	10:35:00	0.02
12/2/2014	10:36:00	0.018
12/2/2014	10:37:00	0.019
12/2/2014	10:38:00	0.019
12/2/2014	10:39:00	0.02
12/2/2014	10:40:00	0.019
12/2/2014	10:41:00	0.019
12/2/2014	10:42:00	0.018
12/2/2014	10:43:00	0.018
12/2/2014	10:44:00	0.018
12/2/2014	10:45:00	0.019
12/2/2014	10:46:00	0.019
12/2/2014	10:47:00	0.018
12/2/2014	10:48:00	0.018
12/2/2014	10:49:00	0.018
12/2/2014	10:50:00	0.022
12/2/2014	10:51:00	0.019
12/2/2014	10:52:00	0.019
12/2/2014	10:53:00	0.018
12/2/2014	10:54:00	0.019
12/2/2014	10:55:00	0.019
12/2/2014	10:56:00	0.019
12/2/2014	10:57:00	0.018
12/2/2014	10:58:00	0.019
12/2/2014	10:59:00	0.018
12/2/2014	11:00:00	0.018
12/2/2014	11:01:00	0.019
12/2/2014	11:02:00	0.019
12/2/2014	11:03:00	0.019
12/2/2014	11:04:00	0.019
12/2/2014	11:05:00	0.019
12/2/2014	11:06:00	0.02
12/2/2014	11:07:00	0.02
12/2/2014	11:08:00	0.02
12/2/2014	11:09:00	0.019
12/2/2014	11:10:00	0.019
12/2/2014	11:11:00	0.02
12/2/2014	11:12:00	0.019
12/2/2014	11:13:00	0.02
12/2/2014	11:14:00	0.019
12/2/2014	11:15:00	0.019
12/2/2014	11:16:00	0.019
12/2/2014	11:17:00	0.02
12/2/2014	11:18:00	0.02
12/2/2014	11:19:00	0.02
12/2/2014	11:20:00	0.021

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
12/2/2014	10:18:24	0.021
12/2/2014	10:19:24	0.022
12/2/2014	10:20:24	0.022
12/2/2014	10:21:24	0.022
12/2/2014	10:22:24	0.023
12/2/2014	10:23:24	0.022
12/2/2014	10:24:24	0.023
12/2/2014	10:25:24	0.024
12/2/2014	10:26:24	0.023
12/2/2014	10:27:24	0.022
12/2/2014	10:28:24	0.024
12/2/2014	10:29:24	0.027
12/2/2014	10:30:24	0.023
12/2/2014	10:31:24	0.022
12/2/2014	10:32:24	0.023
12/2/2014	10:33:24	0.023
12/2/2014	10:34:24	0.025
12/2/2014	10:35:24	0.023
12/2/2014	10:36:24	0.022
12/2/2014	10:37:24	0.022
12/2/2014	10:38:24	0.023
12/2/2014	10:39:24	0.023
12/2/2014	10:40:24	0.022
12/2/2014	10:41:24	0.022
12/2/2014	10:42:24	0.022
12/2/2014	10:43:24	0.022
12/2/2014	10:44:24	0.022
12/2/2014	10:45:24	0.022
12/2/2014	10:46:24	0.022
12/2/2014	10:47:24	0.022
12/2/2014	10:48:24	0.021
12/2/2014	10:49:24	0.022
12/2/2014	10:50:24	0.022
12/2/2014	10:51:24	0.022
12/2/2014	10:52:24	0.022
12/2/2014	10:53:24	0.022
12/2/2014	10:54:24	0.023
12/2/2014	10:55:24	0.022
12/2/2014	10:56:24	0.022
12/2/2014	10:57:24	0.022
12/2/2014	10:58:24	0.022
12/2/2014	10:59:24	0.022
12/2/2014	11:00:24	0.023
12/2/2014	11:01:24	0.023
12/2/2014	11:02:24	0.022
12/2/2014	11:03:24	0.023
12/2/2014	11:04:24	0.022
12/2/2014	11:05:24	0.023
12/2/2014	11:06:24	0.023
12/2/2014	11:07:24	0.023
12/2/2014	11:08:24	0.023
12/2/2014	11:09:24	0.022
12/2/2014	11:10:24	0.023
12/2/2014	11:11:24	0.023
12/2/2014	11:12:24	0.023

APPENDIX A

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
12/2/2014	11:21:00	0.02
12/2/2014	11:22:00	0.022
12/2/2014	11:23:00	0.021
12/2/2014	11:24:00	0.02
12/2/2014	11:25:00	0.019
12/2/2014	11:26:00	0.019
12/2/2014	11:27:00	0.019
12/2/2014	11:28:00	0.02
12/2/2014	11:29:00	0.02
12/2/2014	11:30:00	0.019
12/2/2014	11:31:00	0.019
12/2/2014	11:32:00	0.02
12/2/2014	11:33:00	0.019
12/2/2014	11:34:00	0.019
12/2/2014	11:35:00	0.02
12/2/2014	11:36:00	0.021
12/2/2014	11:37:00	0.02
12/2/2014	11:38:00	0.02
12/2/2014	11:39:00	0.02
12/2/2014	11:40:00	0.019
12/2/2014	11:41:00	0.02

Note:
MM/dd/yyyy = Month/day/year
hh:mm:ss = hour:minute:second
mg/m^3 =milligrams per meter cubed

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
12/2/2014	11:13:24	0.023
12/2/2014	11:14:24	0.023
12/2/2014	11:15:24	0.022
12/2/2014	11:16:24	0.023
12/2/2014	11:17:24	0.022
12/2/2014	11:18:24	0.023
12/2/2014	11:19:24	0.026
12/2/2014	11:20:24	0.025
12/2/2014	11:21:24	0.023
12/2/2014	11:22:24	0.023
12/2/2014	11:23:24	0.023
12/2/2014	11:24:24	0.022
12/2/2014	11:25:24	0.022
12/2/2014	11:26:24	0.022
12/2/2014	11:27:24	0.023
12/2/2014	11:28:24	0.025
12/2/2014	11:29:24	0.022
12/2/2014	11:30:24	0.024
12/2/2014	11:31:24	0.024
12/2/2014	11:32:24	0.022
12/2/2014	11:33:24	0.022
12/2/2014	11:34:24	0.022
12/2/2014	11:35:24	0.023
12/2/2014	11:36:24	0.023
12/2/2014	11:37:24	0.024
12/2/2014	11:38:24	0.023
12/2/2014	11:39:24	0.022
12/2/2014	11:40:24	0.022
12/2/2014	11:41:24	0.023
12/2/2014	11:42:24	0.023
12/2/2014	11:43:24	0.023
12/2/2014	11:44:24	0.024

APPENDIX A

TrakPro Version 4.61 ASCII Data File

Model:	DustTrak II
Model Number:	8530
Serial Number:	8530113806
Test ID:	1
Test Abbreviation:	MANUAL_001
Start Date:	3/3/2015
Start Time:	11:36:35
Duration (dd:hh:mm:ss):	0:02:08:00
Log Interval (mm:ss):	1:00
Number of points:	128
Notes:	Upwind

Statistics		
	Channel:	AEROSOL
	Units:	mg/m^3
	Average:	0.034
	Minimum:	0.026
	Time of Minimum:	13:06:35
	Date of Minimum:	3/3/2015
	Maximum:	0.141
	Time of Maximum:	12:33:35
	Date of Maximum:	3/3/2015

Calibration		
	Sensor:	AEROSOL
	Cal. date	9/14/2011

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
3/3/2015	11:37:35	0.036
3/3/2015	11:38:35	0.033
3/3/2015	11:39:35	0.034
3/3/2015	11:40:35	0.033
3/3/2015	11:41:35	0.033
3/3/2015	11:42:35	0.034
3/3/2015	11:43:35	0.033
3/3/2015	11:44:35	0.032
3/3/2015	11:45:35	0.033
3/3/2015	11:46:35	0.032
3/3/2015	11:47:35	0.07
3/3/2015	11:48:35	0.033
3/3/2015	11:49:35	0.033
3/3/2015	11:50:35	0.079
3/3/2015	11:51:35	0.032
3/3/2015	11:52:35	0.033
3/3/2015	11:53:35	0.032
3/3/2015	11:54:35	0.033
3/3/2015	11:55:35	0.033
3/3/2015	11:56:35	0.034
3/3/2015	11:57:35	0.034
3/3/2015	11:58:35	0.037
3/3/2015	11:59:35	0.037
3/3/2015	12:00:35	0.041
3/3/2015	12:01:35	0.035
3/3/2015	12:02:35	0.035

TrakPro Version 4.61 ASCII Data File

Model:	DustTrak II
Model Number:	8530
Serial Number:	8530102609
Test ID:	1
Test Abbreviation:	MANUAL_001
Start Date:	3/3/2015
Start Time:	11:28:35
Duration (dd:hh:mm:ss):	0:02:13:00
Log Interval (mm:ss):	1:00
Number of points:	133
Notes:	Downwind

Statistics		
	Channel:	AEROSOL
	Units:	mg/m^3
	Average:	0.04
	Minimum:	0.022
	Time of Minimum:	11:54:35
	Date of Minimum:	3/3/2015
	Maximum:	0.234
	Time of Maximum:	13:41:35
	Date of Maximum:	3/3/2015

Calibration		
	Sensor:	AEROSOL
	Cal. date	2/13/2013

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
3/3/2015	11:29:35	0.056
3/3/2015	11:30:35	0.027
3/3/2015	11:31:35	0.028
3/3/2015	11:32:35	0.032
3/3/2015	11:33:35	0.037
3/3/2015	11:34:35	0.069
3/3/2015	11:35:35	0.03
3/3/2015	11:36:35	0.023
3/3/2015	11:37:35	0.085
3/3/2015	11:38:35	0.065
3/3/2015	11:39:35	0.028
3/3/2015	11:40:35	0.036
3/3/2015	11:41:35	0.024
3/3/2015	11:42:35	0.028
3/3/2015	11:43:35	0.027
3/3/2015	11:44:35	0.026
3/3/2015	11:45:35	0.026
3/3/2015	11:46:35	0.025
3/3/2015	11:47:35	0.026
3/3/2015	11:48:35	0.029
3/3/2015	11:49:35	0.042
3/3/2015	11:50:35	0.025
3/3/2015	11:51:35	0.027
3/3/2015	11:52:35	0.028
3/3/2015	11:53:35	0.025
3/3/2015	11:54:35	0.022

APPENDIX A

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
3/3/2015	12:03:35	0.035
3/3/2015	12:04:35	0.033
3/3/2015	12:05:35	0.034
3/3/2015	12:06:35	0.034
3/3/2015	12:07:35	0.034
3/3/2015	12:08:35	0.036
3/3/2015	12:09:35	0.035
3/3/2015	12:10:35	0.034
3/3/2015	12:11:35	0.033
3/3/2015	12:12:35	0.033
3/3/2015	12:13:35	0.047
3/3/2015	12:14:35	0.032
3/3/2015	12:15:35	0.034
3/3/2015	12:16:35	0.034
3/3/2015	12:17:35	0.035
3/3/2015	12:18:35	0.035
3/3/2015	12:19:35	0.039
3/3/2015	12:20:35	0.035
3/3/2015	12:21:35	0.035
3/3/2015	12:22:35	0.033
3/3/2015	12:23:35	0.033
3/3/2015	12:24:35	0.032
3/3/2015	12:25:35	0.03
3/3/2015	12:26:35	0.03
3/3/2015	12:27:35	0.031
3/3/2015	12:28:35	0.031
3/3/2015	12:29:35	0.043
3/3/2015	12:30:35	0.031
3/3/2015	12:31:35	0.032
3/3/2015	12:32:35	0.03
3/3/2015	12:33:35	0.141
3/3/2015	12:34:35	0.031
3/3/2015	12:35:35	0.031
3/3/2015	12:36:35	0.03
3/3/2015	12:37:35	0.032
3/3/2015	12:38:35	0.031
3/3/2015	12:39:35	0.032
3/3/2015	12:40:35	0.033
3/3/2015	12:41:35	0.032
3/3/2015	12:42:35	0.034
3/3/2015	12:43:35	0.033
3/3/2015	12:44:35	0.032
3/3/2015	12:45:35	0.032
3/3/2015	12:46:35	0.033
3/3/2015	12:47:35	0.032
3/3/2015	12:48:35	0.032
3/3/2015	12:49:35	0.032
3/3/2015	12:50:35	0.032
3/3/2015	12:51:35	0.034
3/3/2015	12:52:35	0.033
3/3/2015	12:53:35	0.035
3/3/2015	12:54:35	0.03
3/3/2015	12:55:35	0.044
3/3/2015	12:56:35	0.03
3/3/2015	12:57:35	0.03

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
3/3/2015	11:55:35	0.024
3/3/2015	11:56:35	0.028
3/3/2015	11:57:35	0.029
3/3/2015	11:58:35	0.028
3/3/2015	11:59:35	0.046
3/3/2015	12:00:35	0.047
3/3/2015	12:01:35	0.022
3/3/2015	12:02:35	0.023
3/3/2015	12:03:35	0.024
3/3/2015	12:04:35	0.023
3/3/2015	12:05:35	0.04
3/3/2015	12:06:35	0.046
3/3/2015	12:07:35	0.026
3/3/2015	12:08:35	0.028
3/3/2015	12:09:35	0.03
3/3/2015	12:10:35	0.028
3/3/2015	12:11:35	0.03
3/3/2015	12:12:35	0.043
3/3/2015	12:13:35	0.047
3/3/2015	12:14:35	0.034
3/3/2015	12:15:35	0.025
3/3/2015	12:16:35	0.026
3/3/2015	12:17:35	0.026
3/3/2015	12:18:35	0.032
3/3/2015	12:19:35	0.038
3/3/2015	12:20:35	0.04
3/3/2015	12:21:35	0.038
3/3/2015	12:22:35	0.033
3/3/2015	12:23:35	0.028
3/3/2015	12:24:35	0.029
3/3/2015	12:25:35	0.037
3/3/2015	12:26:35	0.029
3/3/2015	12:27:35	0.031
3/3/2015	12:28:35	0.043
3/3/2015	12:29:35	0.037
3/3/2015	12:30:35	0.045
3/3/2015	12:31:35	0.031
3/3/2015	12:32:35	0.036
3/3/2015	12:33:35	0.05
3/3/2015	12:34:35	0.037
3/3/2015	12:35:35	0.057
3/3/2015	12:36:35	0.026
3/3/2015	12:37:35	0.039
3/3/2015	12:38:35	0.028
3/3/2015	12:39:35	0.054
3/3/2015	12:40:35	0.03
3/3/2015	12:41:35	0.03
3/3/2015	12:42:35	0.046
3/3/2015	12:43:35	0.034
3/3/2015	12:44:35	0.04
3/3/2015	12:45:35	0.029
3/3/2015	12:46:35	0.032
3/3/2015	12:47:35	0.03
3/3/2015	12:48:35	0.054
3/3/2015	12:49:35	0.047

APPENDIX A

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
3/3/2015	12:58:35	0.03
3/3/2015	12:59:35	0.043
3/3/2015	13:00:35	0.029
3/3/2015	13:01:35	0.03
3/3/2015	13:02:35	0.031
3/3/2015	13:03:35	0.041
3/3/2015	13:04:35	0.028
3/3/2015	13:05:35	0.027
3/3/2015	13:06:35	0.026
3/3/2015	13:07:35	0.027
3/3/2015	13:08:35	0.029
3/3/2015	13:09:35	0.03
3/3/2015	13:10:35	0.03
3/3/2015	13:11:35	0.028
3/3/2015	13:12:35	0.03
3/3/2015	13:13:35	0.03
3/3/2015	13:14:35	0.029
3/3/2015	13:15:35	0.03
3/3/2015	13:16:35	0.03
3/3/2015	13:17:35	0.035
3/3/2015	13:18:35	0.03
3/3/2015	13:19:35	0.029
3/3/2015	13:20:35	0.029
3/3/2015	13:21:35	0.028
3/3/2015	13:22:35	0.032
3/3/2015	13:23:35	0.028
3/3/2015	13:24:35	0.027
3/3/2015	13:25:35	0.027
3/3/2015	13:26:35	0.027
3/3/2015	13:27:35	0.029
3/3/2015	13:28:35	0.028
3/3/2015	13:29:35	0.04
3/3/2015	13:30:35	0.029
3/3/2015	13:31:35	0.032
3/3/2015	13:32:35	0.028
3/3/2015	13:33:35	0.098
3/3/2015	13:34:35	0.029
3/3/2015	13:35:35	0.029
3/3/2015	13:36:35	0.028
3/3/2015	13:37:35	0.027
3/3/2015	13:38:35	0.028
3/3/2015	13:39:35	0.027
3/3/2015	13:40:35	0.027
3/3/2015	13:41:35	0.028
3/3/2015	13:42:35	0.029
3/3/2015	13:43:35	0.029
3/3/2015	13:44:35	0.049

Note:
MM/dd/yyyy = Month/day/year
hh:mm:ss = hour:minute:second
mg/m^3 =milligrams per meter cubed

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
3/3/2015	12:50:35	0.034
3/3/2015	12:51:35	0.032
3/3/2015	12:52:35	0.032
3/3/2015	12:53:35	0.032
3/3/2015	12:54:35	0.031
3/3/2015	12:55:35	0.039
3/3/2015	12:56:35	0.031
3/3/2015	12:57:35	0.031
3/3/2015	12:58:35	0.028
3/3/2015	12:59:35	0.077
3/3/2015	13:00:35	0.029
3/3/2015	13:01:35	0.032
3/3/2015	13:02:35	0.031
3/3/2015	13:03:35	0.034
3/3/2015	13:04:35	0.034
3/3/2015	13:05:35	0.039
3/3/2015	13:06:35	0.032
3/3/2015	13:07:35	0.117
3/3/2015	13:08:35	0.032
3/3/2015	13:09:35	0.034
3/3/2015	13:10:35	0.064
3/3/2015	13:11:35	0.043
3/3/2015	13:12:35	0.074
3/3/2015	13:13:35	0.035
3/3/2015	13:14:35	0.03
3/3/2015	13:15:35	0.047
3/3/2015	13:16:35	0.035
3/3/2015	13:17:35	0.041
3/3/2015	13:18:35	0.031
3/3/2015	13:19:35	0.031
3/3/2015	13:20:35	0.088
3/3/2015	13:21:35	0.081
3/3/2015	13:22:35	0.1
3/3/2015	13:23:35	0.138
3/3/2015	13:24:35	0.058
3/3/2015	13:25:35	0.035
3/3/2015	13:26:35	0.04
3/3/2015	13:27:35	0.04
3/3/2015	13:28:35	0.038
3/3/2015	13:29:35	0.035
3/3/2015	13:30:35	0.04
3/3/2015	13:31:35	0.066
3/3/2015	13:32:35	0.035
3/3/2015	13:33:35	0.108
3/3/2015	13:34:35	0.032
3/3/2015	13:35:35	0.04
3/3/2015	13:36:35	0.027
3/3/2015	13:37:35	0.026
3/3/2015	13:38:35	0.029
3/3/2015	13:39:35	0.026
3/3/2015	13:40:35	0.044
3/3/2015	13:41:35	0.234

APPENDIX A

TrakPro Version 4.61 ASCII Data File

Model:	DustTrak II
Model Number:	8530
Serial Number:	8530113806
Test ID:	2
Test Abbreviation:	MANUAL_002
Start Date:	3/4/2015
Start Time:	8:44:46
Duration (dd:hh:mm:ss):	0:07:30:00
Log Interval (mm:ss):	1:00
Number of points:	450
Notes:	Upwind

Statistics	**Channel:**	AEROSOL
	Units:	mg/m^3
	Average:	0.05
	Minimum:	0.027
	Time of Minimum:	9:16:46
	Date of Minimum:	3/4/2015
	Maximum:	0.132
	Time of Maximum:	13:29:46
	Date of Maximum:	3/4/2015

Calibration	**Sensor:**	AEROSOL
	Cal. date	9/14/2011

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
3/4/2015	8:45:46	0.038
3/4/2015	8:46:46	0.036
3/4/2015	8:47:46	0.034
3/4/2015	8:48:46	0.033
3/4/2015	8:49:46	0.032
3/4/2015	8:50:46	0.033
3/4/2015	8:51:46	0.033
3/4/2015	8:52:46	0.033
3/4/2015	8:53:46	0.033
3/4/2015	8:54:46	0.032
3/4/2015	8:55:46	0.033
3/4/2015	8:56:46	0.033
3/4/2015	8:57:46	0.034
3/4/2015	8:58:46	0.034
3/4/2015	8:59:46	0.032
3/4/2015	9:00:46	0.033
3/4/2015	9:01:46	0.034
3/4/2015	9:02:46	0.031
3/4/2015	9:03:46	0.032
3/4/2015	9:04:46	0.031
3/4/2015	9:05:46	0.031
3/4/2015	9:06:46	0.031
3/4/2015	9:07:46	0.03
3/4/2015	9:08:46	0.03
3/4/2015	9:09:46	0.029
3/4/2015	9:10:46	0.029
3/4/2015	9:11:46	0.03
3/4/2015	9:12:46	0.032
3/4/2015	9:13:46	0.031
3/4/2015	9:14:46	0.03
3/4/2015	9:15:46	0.029

TrakPro Version 4.61 ASCII Data File

Model:	DustTrak II
Model Number:	8530
Serial Number:	8530102609
Test ID:	2
Test Abbreviation:	MANUAL_002
Start Date:	3/4/2015
Start Time:	8:39:33
Duration (dd:hh:mm:ss):	0:07:40:00
Log Interval (mm:ss):	1:00
Number of points:	460
Notes:	Downwind

Statistics	**Channel:**	AEROSOL
	Units:	mg/m^3
	Average:	0.05
	Minimum:	0.035
	Time of Minimum:	9:17:33
	Date of Minimum:	3/4/2015
	Maximum:	0.166
	Time of Maximum:	15:26:33
	Date of Maximum:	3/4/2015

Calibration	**Sensor:**	AEROSOL
	Cal. date	2/13/2013

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
3/4/2015	8:40:33	0.036
3/4/2015	8:41:33	0.037
3/4/2015	8:42:33	0.037
3/4/2015	8:43:33	0.039
3/4/2015	8:44:33	0.039
3/4/2015	8:45:33	0.037
3/4/2015	8:46:33	0.036
3/4/2015	8:47:33	0.037
3/4/2015	8:48:33	0.037
3/4/2015	8:49:33	0.036
3/4/2015	8:50:33	0.037
3/4/2015	8:51:33	0.038
3/4/2015	8:52:33	0.038
3/4/2015	8:53:33	0.037
3/4/2015	8:54:33	0.037
3/4/2015	8:55:33	0.038
3/4/2015	8:56:33	0.038
3/4/2015	8:57:33	0.038
3/4/2015	8:58:33	0.038
3/4/2015	8:59:33	0.037
3/4/2015	9:00:33	0.036
3/4/2015	9:01:33	0.038
3/4/2015	9:02:33	0.039
3/4/2015	9:03:33	0.038
3/4/2015	9:04:33	0.039
3/4/2015	9:05:33	0.038
3/4/2015	9:06:33	0.038
3/4/2015	9:07:33	0.037
3/4/2015	9:08:33	0.036
3/4/2015	9:09:33	0.036
3/4/2015	9:10:33	0.036

APPENDIX A

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
3/4/2015	9:16:46	0.027
3/4/2015	9:17:46	0.027
3/4/2015	9:18:46	0.027
3/4/2015	9:19:46	0.027
3/4/2015	9:20:46	0.028
3/4/2015	9:21:46	0.028
3/4/2015	9:22:46	0.027
3/4/2015	9:23:46	0.027
3/4/2015	9:24:46	0.027
3/4/2015	9:25:46	0.027
3/4/2015	9:26:46	0.028
3/4/2015	9:27:46	0.027
3/4/2015	9:28:46	0.027
3/4/2015	9:29:46	0.028
3/4/2015	9:30:46	0.028
3/4/2015	9:31:46	0.028
3/4/2015	9:32:46	0.027
3/4/2015	9:33:46	0.028
3/4/2015	9:34:46	0.028
3/4/2015	9:35:46	0.028
3/4/2015	9:36:46	0.029
3/4/2015	9:37:46	0.028
3/4/2015	9:38:46	0.028
3/4/2015	9:39:46	0.03
3/4/2015	9:40:46	0.03
3/4/2015	9:41:46	0.031
3/4/2015	9:42:46	0.031
3/4/2015	9:43:46	0.03
3/4/2015	9:44:46	0.03
3/4/2015	9:45:46	0.03
3/4/2015	9:46:46	0.031
3/4/2015	9:47:46	0.032
3/4/2015	9:48:46	0.031
3/4/2015	9:49:46	0.031
3/4/2015	9:50:46	0.031
3/4/2015	9:51:46	0.031
3/4/2015	9:52:46	0.031
3/4/2015	9:53:46	0.031
3/4/2015	9:54:46	0.031
3/4/2015	9:55:46	0.033
3/4/2015	9:56:46	0.033
3/4/2015	9:57:46	0.033
3/4/2015	9:58:46	0.033
3/4/2015	9:59:46	0.034
3/4/2015	10:00:46	0.034
3/4/2015	10:01:46	0.035
3/4/2015	10:02:46	0.036
3/4/2015	10:03:46	0.035
3/4/2015	10:04:46	0.035
3/4/2015	10:05:46	0.035
3/4/2015	10:06:46	0.036
3/4/2015	10:07:46	0.037
3/4/2015	10:08:46	0.038
3/4/2015	10:09:46	0.038
3/4/2015	10:10:46	0.039
3/4/2015	10:11:46	0.04
3/4/2015	10:12:46	0.04
3/4/2015	10:13:46	0.04

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
3/4/2015	9:11:33	0.036
3/4/2015	9:12:33	0.036
3/4/2015	9:13:33	0.037
3/4/2015	9:14:33	0.036
3/4/2015	9:15:33	0.036
3/4/2015	9:16:33	0.036
3/4/2015	9:17:33	0.035
3/4/2015	9:18:33	0.036
3/4/2015	9:19:33	0.036
3/4/2015	9:20:33	0.036
3/4/2015	9:21:33	0.036
3/4/2015	9:22:33	0.055
3/4/2015	9:23:33	0.037
3/4/2015	9:24:33	0.038
3/4/2015	9:25:33	0.036
3/4/2015	9:26:33	0.037
3/4/2015	9:27:33	0.04
3/4/2015	9:28:33	0.037
3/4/2015	9:29:33	0.037
3/4/2015	9:30:33	0.037
3/4/2015	9:31:33	0.037
3/4/2015	9:32:33	0.039
3/4/2015	9:33:33	0.036
3/4/2015	9:34:33	0.036
3/4/2015	9:35:33	0.037
3/4/2015	9:36:33	0.038
3/4/2015	9:37:33	0.036
3/4/2015	9:38:33	0.036
3/4/2015	9:39:33	0.037
3/4/2015	9:40:33	0.037
3/4/2015	9:41:33	0.037
3/4/2015	9:42:33	0.038
3/4/2015	9:43:33	0.039
3/4/2015	9:44:33	0.039
3/4/2015	9:45:33	0.038
3/4/2015	9:46:33	0.038
3/4/2015	9:47:33	0.039
3/4/2015	9:48:33	0.04
3/4/2015	9:49:33	0.038
3/4/2015	9:50:33	0.038
3/4/2015	9:51:33	0.038
3/4/2015	9:52:33	0.038
3/4/2015	9:53:33	0.037
3/4/2015	9:54:33	0.037
3/4/2015	9:55:33	0.038
3/4/2015	9:56:33	0.038
3/4/2015	9:57:33	0.038
3/4/2015	9:58:33	0.039
3/4/2015	9:59:33	0.039
3/4/2015	10:00:33	0.038
3/4/2015	10:01:33	0.039
3/4/2015	10:02:33	0.039
3/4/2015	10:03:33	0.038
3/4/2015	10:04:33	0.037
3/4/2015	10:05:33	0.038
3/4/2015	10:06:33	0.037
3/4/2015	10:07:33	0.038
3/4/2015	10:08:33	0.038

APPENDIX A

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
3/4/2015	10:14:46	0.041
3/4/2015	10:15:46	0.04
3/4/2015	10:16:46	0.041
3/4/2015	10:17:46	0.041
3/4/2015	10:18:46	0.041
3/4/2015	10:19:46	0.04
3/4/2015	10:20:46	0.042
3/4/2015	10:21:46	0.043
3/4/2015	10:22:46	0.042
3/4/2015	10:23:46	0.043
3/4/2015	10:24:46	0.042
3/4/2015	10:25:46	0.041
3/4/2015	10:26:46	0.042
3/4/2015	10:27:46	0.042
3/4/2015	10:28:46	0.041
3/4/2015	10:29:46	0.04
3/4/2015	10:30:46	0.039
3/4/2015	10:31:46	0.04
3/4/2015	10:32:46	0.04
3/4/2015	10:33:46	0.04
3/4/2015	10:34:46	0.041
3/4/2015	10:35:46	0.043
3/4/2015	10:36:46	0.042
3/4/2015	10:37:46	0.041
3/4/2015	10:38:46	0.04
3/4/2015	10:39:46	0.04
3/4/2015	10:40:46	0.04
3/4/2015	10:41:46	0.04
3/4/2015	10:42:46	0.041
3/4/2015	10:43:46	0.04
3/4/2015	10:44:46	0.04
3/4/2015	10:45:46	0.04
3/4/2015	10:46:46	0.04
3/4/2015	10:47:46	0.04
3/4/2015	10:48:46	0.04
3/4/2015	10:49:46	0.04
3/4/2015	10:50:46	0.04
3/4/2015	10:51:46	0.04
3/4/2015	10:52:46	0.041
3/4/2015	10:53:46	0.042
3/4/2015	10:54:46	0.043
3/4/2015	10:55:46	0.044
3/4/2015	10:56:46	0.042
3/4/2015	10:57:46	0.042
3/4/2015	10:58:46	0.042
3/4/2015	10:59:46	0.042
3/4/2015	11:00:46	0.043
3/4/2015	11:01:46	0.043
3/4/2015	11:02:46	0.043
3/4/2015	11:03:46	0.043
3/4/2015	11:04:46	0.044
3/4/2015	11:05:46	0.045

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
3/4/2015	10:09:33	0.038
3/4/2015	10:10:33	0.038
3/4/2015	10:11:33	0.038
3/4/2015	10:12:33	0.039
3/4/2015	10:13:33	0.058
3/4/2015	10:14:33	0.039
3/4/2015	10:15:33	0.039
3/4/2015	10:16:33	0.04
3/4/2015	10:17:33	0.039
3/4/2015	10:18:33	0.04
3/4/2015	10:19:33	0.039
3/4/2015	10:20:33	0.038
3/4/2015	10:21:33	0.039
3/4/2015	10:22:33	0.039
3/4/2015	10:23:33	0.04
3/4/2015	10:24:33	0.039
3/4/2015	10:25:33	0.038
3/4/2015	10:26:33	0.039
3/4/2015	10:27:33	0.039
3/4/2015	10:28:33	0.038
3/4/2015	10:29:33	0.038
3/4/2015	10:30:33	0.04
3/4/2015	10:31:33	0.038
3/4/2015	10:32:33	0.038
3/4/2015	10:33:33	0.038
3/4/2015	10:34:33	0.038
3/4/2015	10:35:33	0.038
3/4/2015	10:36:33	0.039
3/4/2015	10:37:33	0.039
3/4/2015	10:38:33	0.038
3/4/2015	10:39:33	0.038
3/4/2015	10:40:33	0.038
3/4/2015	10:41:33	0.039
3/4/2015	10:42:33	0.041
3/4/2015	10:43:33	0.045
3/4/2015	10:44:33	0.039
3/4/2015	10:45:33	0.038
3/4/2015	10:46:33	0.044
3/4/2015	10:47:33	0.039
3/4/2015	10:48:33	0.05
3/4/2015	10:49:33	0.047
3/4/2015	10:50:33	0.05
3/4/2015	10:51:33	0.04
3/4/2015	10:52:33	0.039
3/4/2015	10:53:33	0.041
3/4/2015	10:54:33	0.04
3/4/2015	10:55:33	0.043
3/4/2015	10:56:33	0.041
3/4/2015	10:57:33	0.04
3/4/2015	10:58:33	0.041
3/4/2015	10:59:33	0.041
3/4/2015	11:00:33	0.042

APPENDIX A

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
3/4/2015	11:06:46	0.044
3/4/2015	11:07:46	0.045
3/4/2015	11:08:46	0.044
3/4/2015	11:09:46	0.044
3/4/2015	11:10:46	0.043
3/4/2015	11:11:46	0.044
3/4/2015	11:12:46	0.045
3/4/2015	11:13:46	0.045
3/4/2015	11:14:46	0.045
3/4/2015	11:15:46	0.046
3/4/2015	11:16:46	0.044
3/4/2015	11:17:46	0.045
3/4/2015	11:18:46	0.044
3/4/2015	11:19:46	0.045
3/4/2015	11:20:46	0.046
3/4/2015	11:21:46	0.046
3/4/2015	11:22:46	0.047
3/4/2015	11:23:46	0.046
3/4/2015	11:24:46	0.045
3/4/2015	11:25:46	0.045
3/4/2015	11:26:46	0.046
3/4/2015	11:27:46	0.046
3/4/2015	11:28:46	0.045
3/4/2015	11:29:46	0.045
3/4/2015	11:30:46	0.046
3/4/2015	11:31:46	0.046
3/4/2015	11:32:46	0.047
3/4/2015	11:33:46	0.048
3/4/2015	11:34:46	0.048
3/4/2015	11:35:46	0.048
3/4/2015	11:36:46	0.049
3/4/2015	11:37:46	0.048
3/4/2015	11:38:46	0.049
3/4/2015	11:39:46	0.049
3/4/2015	11:40:46	0.049
3/4/2015	11:41:46	0.048
3/4/2015	11:42:46	0.048
3/4/2015	11:43:46	0.047
3/4/2015	11:44:46	0.047
3/4/2015	11:45:46	0.047
3/4/2015	11:46:46	0.047
3/4/2015	11:47:46	0.048
3/4/2015	11:48:46	0.048
3/4/2015	11:49:46	0.048
3/4/2015	11:50:46	0.048
3/4/2015	11:51:46	0.048
3/4/2015	11:52:46	0.048
3/4/2015	11:53:46	0.048
3/4/2015	11:54:46	0.049
3/4/2015	11:55:46	0.049
3/4/2015	11:56:46	0.049
3/4/2015	11:57:46	0.049
3/4/2015	11:58:46	0.049
3/4/2015	11:59:46	0.05
3/4/2015	12:00:46	0.05
3/4/2015	12:01:46	0.05
3/4/2015	12:02:46	0.05
3/4/2015	12:03:46	0.05

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
3/4/2015	11:01:33	0.042
3/4/2015	11:02:33	0.041
3/4/2015	11:03:33	0.042
3/4/2015	11:04:33	0.043
3/4/2015	11:05:33	0.043
3/4/2015	11:06:33	0.042
3/4/2015	11:07:33	0.043
3/4/2015	11:08:33	0.044
3/4/2015	11:09:33	0.043
3/4/2015	11:10:33	0.042
3/4/2015	11:11:33	0.042
3/4/2015	11:12:33	0.043
3/4/2015	11:13:33	0.045
3/4/2015	11:14:33	0.043
3/4/2015	11:15:33	0.044
3/4/2015	11:16:33	0.044
3/4/2015	11:17:33	0.044
3/4/2015	11:18:33	0.046
3/4/2015	11:19:33	0.044
3/4/2015	11:20:33	0.045
3/4/2015	11:21:33	0.046
3/4/2015	11:22:33	0.045
3/4/2015	11:23:33	0.044
3/4/2015	11:24:33	0.045
3/4/2015	11:25:33	0.045
3/4/2015	11:26:33	0.045
3/4/2015	11:27:33	0.046
3/4/2015	11:28:33	0.045
3/4/2015	11:29:33	0.045
3/4/2015	11:30:33	0.045
3/4/2015	11:31:33	0.046
3/4/2015	11:32:33	0.046
3/4/2015	11:33:33	0.046
3/4/2015	11:34:33	0.047
3/4/2015	11:35:33	0.047
3/4/2015	11:36:33	0.047
3/4/2015	11:37:33	0.047
3/4/2015	11:38:33	0.047
3/4/2015	11:39:33	0.047
3/4/2015	11:40:33	0.048
3/4/2015	11:41:33	0.047
3/4/2015	11:42:33	0.047
3/4/2015	11:43:33	0.047
3/4/2015	11:44:33	0.047
3/4/2015	11:45:33	0.047
3/4/2015	11:46:33	0.047
3/4/2015	11:47:33	0.047
3/4/2015	11:48:33	0.047
3/4/2015	11:49:33	0.048
3/4/2015	11:50:33	0.048
3/4/2015	11:51:33	0.047
3/4/2015	11:52:33	0.048
3/4/2015	11:53:33	0.047
3/4/2015	11:54:33	0.048
3/4/2015	11:55:33	0.048
3/4/2015	11:56:33	0.049
3/4/2015	11:57:33	0.049
3/4/2015	11:58:33	0.049

APPENDIX A

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
3/4/2015	12:04:46	0.049
3/4/2015	12:05:46	0.049
3/4/2015	12:06:46	0.05
3/4/2015	12:07:46	0.049
3/4/2015	12:08:46	0.049
3/4/2015	12:09:46	0.048
3/4/2015	12:10:46	0.048
3/4/2015	12:11:46	0.048
3/4/2015	12:12:46	0.048
3/4/2015	12:13:46	0.048
3/4/2015	12:14:46	0.047
3/4/2015	12:15:46	0.047
3/4/2015	12:16:46	0.048
3/4/2015	12:17:46	0.048
3/4/2015	12:18:46	0.048
3/4/2015	12:19:46	0.048
3/4/2015	12:20:46	0.049
3/4/2015	12:21:46	0.049
3/4/2015	12:22:46	0.049
3/4/2015	12:23:46	0.049
3/4/2015	12:24:46	0.049
3/4/2015	12:25:46	0.049
3/4/2015	12:26:46	0.049
3/4/2015	12:27:46	0.049
3/4/2015	12:28:46	0.049
3/4/2015	12:29:46	0.049
3/4/2015	12:30:46	0.048
3/4/2015	12:31:46	0.048
3/4/2015	12:32:46	0.049
3/4/2015	12:33:46	0.049
3/4/2015	12:34:46	0.049
3/4/2015	12:35:46	0.049
3/4/2015	12:36:46	0.048
3/4/2015	12:37:46	0.049
3/4/2015	12:38:46	0.05
3/4/2015	12:39:46	0.051
3/4/2015	12:40:46	0.051
3/4/2015	12:41:46	0.051
3/4/2015	12:42:46	0.051
3/4/2015	12:43:46	0.051
3/4/2015	12:44:46	0.051
3/4/2015	12:45:46	0.05
3/4/2015	12:46:46	0.051
3/4/2015	12:47:46	0.051
3/4/2015	12:48:46	0.051
3/4/2015	12:49:46	0.051
3/4/2015	12:50:46	0.051
3/4/2015	12:51:46	0.05
3/4/2015	12:52:46	0.051
3/4/2015	12:53:46	0.051
3/4/2015	12:54:46	0.052
3/4/2015	12:55:46	0.05
3/4/2015	12:56:46	0.05
3/4/2015	12:57:46	0.05
3/4/2015	12:58:46	0.05
3/4/2015	12:59:46	0.063
3/4/2015	13:00:46	0.051
3/4/2015	13:01:46	0.049

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
3/4/2015	11:59:33	0.049
3/4/2015	12:00:33	0.049
3/4/2015	12:01:33	0.049
3/4/2015	12:02:33	0.049
3/4/2015	12:03:33	0.049
3/4/2015	12:04:33	0.048
3/4/2015	12:05:33	0.049
3/4/2015	12:06:33	0.049
3/4/2015	12:07:33	0.049
3/4/2015	12:08:33	0.048
3/4/2015	12:09:33	0.048
3/4/2015	12:10:33	0.048
3/4/2015	12:11:33	0.047
3/4/2015	12:12:33	0.047
3/4/2015	12:13:33	0.047
3/4/2015	12:14:33	0.047
3/4/2015	12:15:33	0.047
3/4/2015	12:16:33	0.047
3/4/2015	12:17:33	0.047
3/4/2015	12:18:33	0.047
3/4/2015	12:19:33	0.048
3/4/2015	12:20:33	0.048
3/4/2015	12:21:33	0.048
3/4/2015	12:22:33	0.048
3/4/2015	12:23:33	0.048
3/4/2015	12:24:33	0.049
3/4/2015	12:25:33	0.049
3/4/2015	12:26:33	0.048
3/4/2015	12:27:33	0.048
3/4/2015	12:28:33	0.048
3/4/2015	12:29:33	0.048
3/4/2015	12:30:33	0.047
3/4/2015	12:31:33	0.048
3/4/2015	12:32:33	0.047
3/4/2015	12:33:33	0.047
3/4/2015	12:34:33	0.047
3/4/2015	12:35:33	0.048
3/4/2015	12:36:33	0.048
3/4/2015	12:37:33	0.048
3/4/2015	12:38:33	0.048
3/4/2015	12:39:33	0.048
3/4/2015	12:40:33	0.049
3/4/2015	12:41:33	0.048
3/4/2015	12:42:33	0.048
3/4/2015	12:43:33	0.049
3/4/2015	12:44:33	0.049
3/4/2015	12:45:33	0.049
3/4/2015	12:46:33	0.049
3/4/2015	12:47:33	0.05
3/4/2015	12:48:33	0.051
3/4/2015	12:49:33	0.05
3/4/2015	12:50:33	0.05
3/4/2015	12:51:33	0.049
3/4/2015	12:52:33	0.049
3/4/2015	12:53:33	0.066
3/4/2015	12:54:33	0.06
3/4/2015	12:55:33	0.048
3/4/2015	12:56:33	0.051

APPENDIX A

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
3/4/2015	13:02:46	0.048
3/4/2015	13:03:46	0.048
3/4/2015	13:04:46	0.048
3/4/2015	13:05:46	0.047
3/4/2015	13:06:46	0.046
3/4/2015	13:07:46	0.046
3/4/2015	13:08:46	0.046
3/4/2015	13:09:46	0.046
3/4/2015	13:10:46	0.046
3/4/2015	13:11:46	0.047
3/4/2015	13:12:46	0.047
3/4/2015	13:13:46	0.047
3/4/2015	13:14:46	0.047
3/4/2015	13:15:46	0.047
3/4/2015	13:16:46	0.046
3/4/2015	13:17:46	0.045
3/4/2015	13:18:46	0.046
3/4/2015	13:19:46	0.047
3/4/2015	13:20:46	0.048
3/4/2015	13:21:46	0.053
3/4/2015	13:22:46	0.049
3/4/2015	13:23:46	0.054
3/4/2015	13:24:46	0.057
3/4/2015	13:25:46	0.05
3/4/2015	13:26:46	0.049
3/4/2015	13:27:46	0.048
3/4/2015	13:28:46	0.049
3/4/2015	13:29:46	0.132
3/4/2015	13:30:46	0.049
3/4/2015	13:31:46	0.049
3/4/2015	13:32:46	0.06
3/4/2015	13:33:46	0.058
3/4/2015	13:34:46	0.053
3/4/2015	13:35:46	0.053
3/4/2015	13:36:46	0.107
3/4/2015	13:37:46	0.053
3/4/2015	13:38:46	0.052
3/4/2015	13:39:46	0.05
3/4/2015	13:40:46	0.05
3/4/2015	13:41:46	0.05
3/4/2015	13:42:46	0.05
3/4/2015	13:43:46	0.051
3/4/2015	13:44:46	0.052
3/4/2015	13:45:46	0.052
3/4/2015	13:46:46	0.054
3/4/2015	13:47:46	0.074
3/4/2015	13:48:46	0.114
3/4/2015	13:49:46	0.057
3/4/2015	13:50:46	0.053
3/4/2015	13:51:46	0.083
3/4/2015	13:52:46	0.053
3/4/2015	13:53:46	0.054
3/4/2015	13:54:46	0.053
3/4/2015	13:55:46	0.053
3/4/2015	13:56:46	0.053
3/4/2015	13:57:46	0.052
3/4/2015	13:58:46	0.052
3/4/2015	13:59:46	0.053

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
3/4/2015	12:57:33	0.049
3/4/2015	12:58:33	0.05
3/4/2015	12:59:33	0.049
3/4/2015	13:00:33	0.048
3/4/2015	13:01:33	0.048
3/4/2015	13:02:33	0.048
3/4/2015	13:03:33	0.047
3/4/2015	13:04:33	0.047
3/4/2015	13:05:33	0.046
3/4/2015	13:06:33	0.045
3/4/2015	13:07:33	0.046
3/4/2015	13:08:33	0.046
3/4/2015	13:09:33	0.046
3/4/2015	13:10:33	0.046
3/4/2015	13:11:33	0.047
3/4/2015	13:12:33	0.046
3/4/2015	13:13:33	0.046
3/4/2015	13:14:33	0.047
3/4/2015	13:15:33	0.047
3/4/2015	13:16:33	0.046
3/4/2015	13:17:33	0.045
3/4/2015	13:18:33	0.045
3/4/2015	13:19:33	0.046
3/4/2015	13:20:33	0.046
3/4/2015	13:21:33	0.047
3/4/2015	13:22:33	0.049
3/4/2015	13:23:33	0.104
3/4/2015	13:24:33	0.048
3/4/2015	13:25:33	0.056
3/4/2015	13:26:33	0.047
3/4/2015	13:27:33	0.046
3/4/2015	13:28:33	0.056
3/4/2015	13:29:33	0.047
3/4/2015	13:30:33	0.047
3/4/2015	13:31:33	0.111
3/4/2015	13:32:33	0.1
3/4/2015	13:33:33	0.049
3/4/2015	13:34:33	0.05
3/4/2015	13:35:33	0.049
3/4/2015	13:36:33	0.055
3/4/2015	13:37:33	0.049
3/4/2015	13:38:33	0.058
3/4/2015	13:39:33	0.048
3/4/2015	13:40:33	0.051
3/4/2015	13:41:33	0.048
3/4/2015	13:42:33	0.047
3/4/2015	13:43:33	0.048
3/4/2015	13:44:33	0.051
3/4/2015	13:45:33	0.049
3/4/2015	13:46:33	0.054
3/4/2015	13:47:33	0.051
3/4/2015	13:48:33	0.1
3/4/2015	13:49:33	0.057
3/4/2015	13:50:33	0.056
3/4/2015	13:51:33	0.056
3/4/2015	13:52:33	0.056
3/4/2015	13:53:33	0.051
3/4/2015	13:54:33	0.051

APPENDIX A

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
3/4/2015	14:00:46	0.053
3/4/2015	14:01:46	0.053
3/4/2015	14:02:46	0.054
3/4/2015	14:03:46	0.053
3/4/2015	14:04:46	0.053
3/4/2015	14:05:46	0.053
3/4/2015	14:06:46	0.053
3/4/2015	14:07:46	0.053
3/4/2015	14:08:46	0.054
3/4/2015	14:09:46	0.054
3/4/2015	14:10:46	0.054
3/4/2015	14:11:46	0.054
3/4/2015	14:12:46	0.055
3/4/2015	14:13:46	0.056
3/4/2015	14:14:46	0.057
3/4/2015	14:15:46	0.056
3/4/2015	14:16:46	0.057
3/4/2015	14:17:46	0.057
3/4/2015	14:18:46	0.057
3/4/2015	14:19:46	0.056
3/4/2015	14:20:46	0.055
3/4/2015	14:21:46	0.057
3/4/2015	14:22:46	0.056
3/4/2015	14:23:46	0.055
3/4/2015	14:24:46	0.055
3/4/2015	14:25:46	0.055
3/4/2015	14:26:46	0.056
3/4/2015	14:27:46	0.055
3/4/2015	14:28:46	0.056
3/4/2015	14:29:46	0.057
3/4/2015	14:30:46	0.056
3/4/2015	14:31:46	0.056
3/4/2015	14:32:46	0.056
3/4/2015	14:33:46	0.055
3/4/2015	14:34:46	0.055
3/4/2015	14:35:46	0.056
3/4/2015	14:36:46	0.057
3/4/2015	14:37:46	0.056
3/4/2015	14:38:46	0.056
3/4/2015	14:39:46	0.056
3/4/2015	14:40:46	0.056
3/4/2015	14:41:46	0.056
3/4/2015	14:42:46	0.056
3/4/2015	14:43:46	0.057
3/4/2015	14:44:46	0.058
3/4/2015	14:45:46	0.056
3/4/2015	14:46:46	0.057
3/4/2015	14:47:46	0.056
3/4/2015	14:48:46	0.057
3/4/2015	14:49:46	0.06
3/4/2015	14:50:46	0.058
3/4/2015	14:51:46	0.058
3/4/2015	14:52:46	0.058
3/4/2015	14:53:46	0.057
3/4/2015	14:54:46	0.058
3/4/2015	14:55:46	0.058
3/4/2015	14:56:46	0.058
3/4/2015	14:57:46	0.058

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
3/4/2015	13:55:33	0.05
3/4/2015	13:56:33	0.05
3/4/2015	13:57:33	0.049
3/4/2015	13:58:33	0.049
3/4/2015	13:59:33	0.057
3/4/2015	14:00:33	0.062
3/4/2015	14:01:33	0.051
3/4/2015	14:02:33	0.05
3/4/2015	14:03:33	0.055
3/4/2015	14:04:33	0.051
3/4/2015	14:05:33	0.05
3/4/2015	14:06:33	0.05
3/4/2015	14:07:33	0.05
3/4/2015	14:08:33	0.05
3/4/2015	14:09:33	0.051
3/4/2015	14:10:33	0.051
3/4/2015	14:11:33	0.051
3/4/2015	14:12:33	0.051
3/4/2015	14:13:33	0.052
3/4/2015	14:14:33	0.053
3/4/2015	14:15:33	0.053
3/4/2015	14:16:33	0.053
3/4/2015	14:17:33	0.053
3/4/2015	14:18:33	0.053
3/4/2015	14:19:33	0.053
3/4/2015	14:20:33	0.052
3/4/2015	14:21:33	0.053
3/4/2015	14:22:33	0.053
3/4/2015	14:23:33	0.052
3/4/2015	14:24:33	0.052
3/4/2015	14:25:33	0.054
3/4/2015	14:26:33	0.052
3/4/2015	14:27:33	0.052
3/4/2015	14:28:33	0.053
3/4/2015	14:29:33	0.053
3/4/2015	14:30:33	0.053
3/4/2015	14:31:33	0.053
3/4/2015	14:32:33	0.054
3/4/2015	14:33:33	0.053
3/4/2015	14:34:33	0.053
3/4/2015	14:35:33	0.054
3/4/2015	14:36:33	0.054
3/4/2015	14:37:33	0.054
3/4/2015	14:38:33	0.055
3/4/2015	14:39:33	0.054
3/4/2015	14:40:33	0.059
3/4/2015	14:41:33	0.055
3/4/2015	14:42:33	0.055
3/4/2015	14:43:33	0.055
3/4/2015	14:44:33	0.055
3/4/2015	14:45:33	0.055
3/4/2015	14:46:33	0.056
3/4/2015	14:47:33	0.055
3/4/2015	14:48:33	0.057
3/4/2015	14:49:33	0.056
3/4/2015	14:50:33	0.057
3/4/2015	14:51:33	0.057
3/4/2015	14:52:33	0.057

APPENDIX A

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
3/4/2015	14:58:46	0.058
3/4/2015	14:59:46	0.059
3/4/2015	15:00:46	0.06
3/4/2015	15:01:46	0.06
3/4/2015	15:02:46	0.06
3/4/2015	15:03:46	0.06
3/4/2015	15:04:46	0.06
3/4/2015	15:05:46	0.061
3/4/2015	15:06:46	0.061
3/4/2015	15:07:46	0.061
3/4/2015	15:08:46	0.06
3/4/2015	15:09:46	0.061
3/4/2015	15:10:46	0.061
3/4/2015	15:11:46	0.061
3/4/2015	15:12:46	0.061
3/4/2015	15:13:46	0.061
3/4/2015	15:14:46	0.061
3/4/2015	15:15:46	0.062
3/4/2015	15:16:46	0.062
3/4/2015	15:17:46	0.061
3/4/2015	15:18:46	0.062
3/4/2015	15:19:46	0.062
3/4/2015	15:20:46	0.063
3/4/2015	15:21:46	0.064
3/4/2015	15:22:46	0.064
3/4/2015	15:23:46	0.064
3/4/2015	15:24:46	0.065
3/4/2015	15:25:46	0.065
3/4/2015	15:26:46	0.066
3/4/2015	15:27:46	0.067
3/4/2015	15:28:46	0.067
3/4/2015	15:29:46	0.068
3/4/2015	15:30:46	0.068
3/4/2015	15:31:46	0.068
3/4/2015	15:32:46	0.068
3/4/2015	15:33:46	0.07
3/4/2015	15:34:46	0.07
3/4/2015	15:35:46	0.071
3/4/2015	15:36:46	0.073
3/4/2015	15:37:46	0.074
3/4/2015	15:38:46	0.074
3/4/2015	15:39:46	0.073
3/4/2015	15:40:46	0.074
3/4/2015	15:41:46	0.075
3/4/2015	15:42:46	0.075
3/4/2015	15:43:46	0.074
3/4/2015	15:44:46	0.076
3/4/2015	15:45:46	0.077
3/4/2015	15:46:46	0.08
3/4/2015	15:47:46	0.075
3/4/2015	15:48:46	0.076
3/4/2015	15:49:46	0.076
3/4/2015	15:50:46	0.076
3/4/2015	15:51:46	0.076
3/4/2015	15:52:46	0.075
3/4/2015	15:53:46	0.075
3/4/2015	15:54:46	0.076
3/4/2015	15:55:46	0.08

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
3/4/2015	14:53:33	0.057
3/4/2015	14:54:33	0.056
3/4/2015	14:55:33	0.058
3/4/2015	14:56:33	0.056
3/4/2015	14:57:33	0.056
3/4/2015	14:58:33	0.056
3/4/2015	14:59:33	0.057
3/4/2015	15:00:33	0.058
3/4/2015	15:01:33	0.057
3/4/2015	15:02:33	0.057
3/4/2015	15:03:33	0.057
3/4/2015	15:04:33	0.057
3/4/2015	15:05:33	0.058
3/4/2015	15:06:33	0.058
3/4/2015	15:07:33	0.058
3/4/2015	15:08:33	0.058
3/4/2015	15:09:33	0.058
3/4/2015	15:10:33	0.057
3/4/2015	15:11:33	0.058
3/4/2015	15:12:33	0.058
3/4/2015	15:13:33	0.059
3/4/2015	15:14:33	0.059
3/4/2015	15:15:33	0.059
3/4/2015	15:16:33	0.061
3/4/2015	15:17:33	0.059
3/4/2015	15:18:33	0.059
3/4/2015	15:19:33	0.06
3/4/2015	15:20:33	0.06
3/4/2015	15:21:33	0.061
3/4/2015	15:22:33	0.061
3/4/2015	15:23:33	0.06
3/4/2015	15:24:33	0.061
3/4/2015	15:25:33	0.062
3/4/2015	15:26:33	0.166
3/4/2015	15:27:33	0.098
3/4/2015	15:28:33	0.091
3/4/2015	15:29:33	0.069
3/4/2015	15:30:33	0.076
3/4/2015	15:31:33	0.066
3/4/2015	15:32:33	0.065
3/4/2015	15:33:33	0.065
3/4/2015	15:34:33	0.068
3/4/2015	15:35:33	0.072
3/4/2015	15:36:33	0.069
3/4/2015	15:37:33	0.069
3/4/2015	15:38:33	0.069
3/4/2015	15:39:33	0.068
3/4/2015	15:40:33	0.07
3/4/2015	15:41:33	0.071
3/4/2015	15:42:33	0.071
3/4/2015	15:43:33	0.07
3/4/2015	15:44:33	0.072
3/4/2015	15:45:33	0.073
3/4/2015	15:46:33	0.073
3/4/2015	15:47:33	0.071
3/4/2015	15:48:33	0.071
3/4/2015	15:49:33	0.072
3/4/2015	15:50:33	0.071

APPENDIX A

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
3/4/2015	15:56:46	0.078
3/4/2015	15:57:46	0.075
3/4/2015	15:58:46	0.075
3/4/2015	15:59:46	0.092
3/4/2015	16:00:46	0.073
3/4/2015	16:01:46	0.072
3/4/2015	16:02:46	0.073
3/4/2015	16:03:46	0.074
3/4/2015	16:04:46	0.075
3/4/2015	16:05:46	0.074
3/4/2015	16:06:46	0.074
3/4/2015	16:07:46	0.074
3/4/2015	16:08:46	0.072
3/4/2015	16:09:46	0.082
3/4/2015	16:10:46	0.072
3/4/2015	16:11:46	0.073
3/4/2015	16:12:46	0.071
3/4/2015	16:13:46	0.07
3/4/2015	16:14:46	0.069

Note:
MM/dd/yyyy = Month/day/year
hh:mm:ss = hour:minute:second
mg/m^3 =milligrams per meter cubed

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
3/4/2015	15:51:33	0.091
3/4/2015	15:52:33	0.071
3/4/2015	15:53:33	0.072
3/4/2015	15:54:33	0.082
3/4/2015	15:55:33	0.077
3/4/2015	15:56:33	0.074
3/4/2015	15:57:33	0.07
3/4/2015	15:58:33	0.068
3/4/2015	15:59:33	0.069
3/4/2015	16:00:33	0.08
3/4/2015	16:01:33	0.074
3/4/2015	16:02:33	0.069
3/4/2015	16:03:33	0.069
3/4/2015	16:04:33	0.07
3/4/2015	16:05:33	0.069
3/4/2015	16:06:33	0.069
3/4/2015	16:07:33	0.089
3/4/2015	16:08:33	0.086
3/4/2015	16:09:33	0.079
3/4/2015	16:10:33	0.068
3/4/2015	16:11:33	0.067
3/4/2015	16:12:33	0.066
3/4/2015	16:13:33	0.065
3/4/2015	16:14:33	0.065
3/4/2015	16:15:33	0.065
3/4/2015	16:16:33	0.065
3/4/2015	16:17:33	0.066
3/4/2015	16:18:33	0.065
3/4/2015	16:19:33	0.066

APPENDIX A

TrakPro Version 4.61 ASCII Data File

Model:	DustTrak II
Model Number:	8530
Serial Number:	8530113806
Test ID:	3
Test Abbreviation:	MANUAL_003
Start Date:	3/5/2015
Start Time:	8:29:03
Duration (dd:hh:mm:ss):	0:02:28:00
Log Interval (mm:ss):	1:00
Number of points:	148
Notes:	Upwind

Statistics	**Channel:**	AEROSOL
	Units:	mg/m^3
	Average:	0.022
	Minimum:	0.011
	Time of Minimum:	8:30:03
	Date of Minimum:	3/5/2015
	Maximum:	0.429
	Time of Maximum:	9:28:03
	Date of Maximum:	3/5/2015

Calibration	**Sensor:**	AEROSOL
	Cal. date	9/14/2011

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
3/5/2015	8:30:03	0.011
3/5/2015	8:31:03	0.013
3/5/2015	8:32:03	0.014
3/5/2015	8:33:03	0.014
3/5/2015	8:34:03	0.015
3/5/2015	8:35:03	0.015
3/5/2015	8:36:03	0.015
3/5/2015	8:37:03	0.015
3/5/2015	8:38:03	0.016
3/5/2015	8:39:03	0.015
3/5/2015	8:40:03	0.015
3/5/2015	8:41:03	0.015
3/5/2015	8:42:03	0.015
3/5/2015	8:43:03	0.015
3/5/2015	8:44:03	0.019
3/5/2015	8:45:03	0.023
3/5/2015	8:46:03	0.036
3/5/2015	8:47:03	0.02
3/5/2015	8:48:03	0.02
3/5/2015	8:49:03	0.02
3/5/2015	8:50:03	0.015
3/5/2015	8:51:03	0.015
3/5/2015	8:52:03	0.037
3/5/2015	8:53:03	0.016
3/5/2015	8:54:03	0.016
3/5/2015	8:55:03	0.016
3/5/2015	8:56:03	0.016
3/5/2015	8:57:03	0.018
3/5/2015	8:58:03	0.016
3/5/2015	8:59:03	0.016
3/5/2015	9:00:03	0.016
3/5/2015	9:01:03	0.016
3/5/2015	9:02:03	0.016
3/5/2015	9:03:03	0.018
3/5/2015	9:04:03	0.016

TrakPro Version 4.61 ASCII Data File

Model:	DustTrak II
Model Number:	8530
Serial Number:	8530102609
Test ID:	3
Test Abbreviation:	MANUAL_003
Start Date:	3/5/2015
Start Time:	8:39:30
Duration (dd:hh:mm:ss):	0:02:21:00
Log Interval (mm:ss):	1:00
Number of points:	141
Notes:	Downwind

Statistics	**Channel:**	AEROSOL
	Units:	mg/m^3
	Average:	0.019
	Minimum:	0.012
	Time of Minimum:	8:40:30
	Date of Minimum:	3/5/2015
	Maximum:	0.053
	Time of Maximum:	10:13:30
	Date of Maximum:	3/5/2015

Calibration	**Sensor:**	AEROSOL
	Cal. date	2/13/2013

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
3/5/2015	8:40:30	0.012
3/5/2015	8:41:30	0.013
3/5/2015	8:42:30	0.013
3/5/2015	8:43:30	0.013
3/5/2015	8:44:30	0.014
3/5/2015	8:45:30	0.013
3/5/2015	8:46:30	0.02
3/5/2015	8:47:30	0.012
3/5/2015	8:48:30	0.012
3/5/2015	8:49:30	0.025
3/5/2015	8:50:30	0.032
3/5/2015	8:51:30	0.014
3/5/2015	8:52:30	0.015
3/5/2015	8:53:30	0.029
3/5/2015	8:54:30	0.019
3/5/2015	8:55:30	0.015
3/5/2015	8:56:30	0.015
3/5/2015	8:57:30	0.014
3/5/2015	8:58:30	0.014
3/5/2015	8:59:30	0.014
3/5/2015	9:00:30	0.018
3/5/2015	9:01:30	0.016
3/5/2015	9:02:30	0.015
3/5/2015	9:03:30	0.014
3/5/2015	9:04:30	0.014
3/5/2015	9:05:30	0.014
3/5/2015	9:06:30	0.015
3/5/2015	9:07:30	0.016
3/5/2015	9:08:30	0.02
3/5/2015	9:09:30	0.014
3/5/2015	9:10:30	0.028
3/5/2015	9:11:30	0.043
3/5/2015	9:12:30	0.025
3/5/2015	9:13:30	0.022
3/5/2015	9:14:30	0.028

APPENDIX A

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
3/5/2015	9:05:03	0.015
3/5/2015	9:06:03	0.019
3/5/2015	9:07:03	0.036
3/5/2015	9:08:03	0.018
3/5/2015	9:09:03	0.022
3/5/2015	9:10:03	0.024
3/5/2015	9:11:03	0.016
3/5/2015	9:12:03	0.017
3/5/2015	9:13:03	0.017
3/5/2015	9:14:03	0.016
3/5/2015	9:15:03	0.017
3/5/2015	9:16:03	0.016
3/5/2015	9:17:03	0.016
3/5/2015	9:18:03	0.017
3/5/2015	9:19:03	0.016
3/5/2015	9:20:03	0.016
3/5/2015	9:21:03	0.018
3/5/2015	9:22:03	0.016
3/5/2015	9:23:03	0.017
3/5/2015	9:24:03	0.017
3/5/2015	9:25:03	0.018
3/5/2015	9:26:03	0.021
3/5/2015	9:27:03	0.05
3/5/2015	9:28:03	0.429
3/5/2015	9:29:03	0.123
3/5/2015	9:30:03	0.025
3/5/2015	9:31:03	0.019
3/5/2015	9:32:03	0.042
3/5/2015	9:33:03	0.019
3/5/2015	9:34:03	0.018
3/5/2015	9:35:03	0.02
3/5/2015	9:36:03	0.018
3/5/2015	9:37:03	0.018
3/5/2015	9:38:03	0.018
3/5/2015	9:39:03	0.018
3/5/2015	9:40:03	0.018
3/5/2015	9:41:03	0.018
3/5/2015	9:42:03	0.017
3/5/2015	9:43:03	0.018
3/5/2015	9:44:03	0.018
3/5/2015	9:45:03	0.017
3/5/2015	9:46:03	0.018
3/5/2015	9:47:03	0.017
3/5/2015	9:48:03	0.017
3/5/2015	9:49:03	0.016
3/5/2015	9:50:03	0.017
3/5/2015	9:51:03	0.017
3/5/2015	9:52:03	0.017
3/5/2015	9:53:03	0.017
3/5/2015	9:54:03	0.017

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
3/5/2015	9:15:30	0.021
3/5/2015	9:16:30	0.029
3/5/2015	9:17:30	0.038
3/5/2015	9:18:30	0.015
3/5/2015	9:19:30	0.033
3/5/2015	9:20:30	0.036
3/5/2015	9:21:30	0.021
3/5/2015	9:22:30	0.015
3/5/2015	9:23:30	0.04
3/5/2015	9:24:30	0.016
3/5/2015	9:25:30	0.014
3/5/2015	9:26:30	0.015
3/5/2015	9:27:30	0.016
3/5/2015	9:28:30	0.017
3/5/2015	9:29:30	0.019
3/5/2015	9:30:30	0.036
3/5/2015	9:31:30	0.028
3/5/2015	9:32:30	0.018
3/5/2015	9:33:30	0.017
3/5/2015	9:34:30	0.016
3/5/2015	9:35:30	0.016
3/5/2015	9:36:30	0.016
3/5/2015	9:37:30	0.015
3/5/2015	9:38:30	0.015
3/5/2015	9:39:30	0.016
3/5/2015	9:40:30	0.016
3/5/2015	9:41:30	0.015
3/5/2015	9:42:30	0.016
3/5/2015	9:43:30	0.016
3/5/2015	9:44:30	0.016
3/5/2015	9:45:30	0.016
3/5/2015	9:46:30	0.016
3/5/2015	9:47:30	0.016
3/5/2015	9:48:30	0.028
3/5/2015	9:49:30	0.019
3/5/2015	9:50:30	0.017
3/5/2015	9:51:30	0.026
3/5/2015	9:52:30	0.017
3/5/2015	9:53:30	0.021
3/5/2015	9:54:30	0.02
3/5/2015	9:55:30	0.016
3/5/2015	9:56:30	0.016
3/5/2015	9:57:30	0.015
3/5/2015	9:58:30	0.015
3/5/2015	9:59:30	0.015
3/5/2015	10:00:30	0.019
3/5/2015	10:01:30	0.016
3/5/2015	10:02:30	0.016
3/5/2015	10:03:30	0.016
3/5/2015	10:04:30	0.015

APPENDIX A

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
3/5/2015	9:55:03	0.016
3/5/2015	9:56:03	0.017
3/5/2015	9:57:03	0.016
3/5/2015	9:58:03	0.016
3/5/2015	9:59:03	0.016
3/5/2015	10:00:03	0.018
3/5/2015	10:01:03	0.017
3/5/2015	10:02:03	0.017
3/5/2015	10:03:03	0.018
3/5/2015	10:04:03	0.017
3/5/2015	10:05:03	0.017
3/5/2015	10:06:03	0.018
3/5/2015	10:07:03	0.019
3/5/2015	10:08:03	0.019
3/5/2015	10:09:03	0.019
3/5/2015	10:10:03	0.018
3/5/2015	10:11:03	0.018
3/5/2015	10:12:03	0.016
3/5/2015	10:13:03	0.016
3/5/2015	10:14:03	0.016
3/5/2015	10:15:03	0.018
3/5/2015	10:16:03	0.019
3/5/2015	10:17:03	0.021
3/5/2015	10:18:03	0.025
3/5/2015	10:19:03	0.024
3/5/2015	10:20:03	0.02
3/5/2015	10:21:03	0.021
3/5/2015	10:22:03	0.018
3/5/2015	10:23:03	0.018
3/5/2015	10:24:03	0.017
3/5/2015	10:25:03	0.017
3/5/2015	10:26:03	0.017
3/5/2015	10:27:03	0.019
3/5/2015	10:28:03	0.029
3/5/2015	10:29:03	0.022
3/5/2015	10:30:03	0.019
3/5/2015	10:31:03	0.02
3/5/2015	10:32:03	0.02
3/5/2015	10:33:03	0.021
3/5/2015	10:34:03	0.021
3/5/2015	10:35:03	0.019
3/5/2015	10:36:03	0.02
3/5/2015	10:37:03	0.019
3/5/2015	10:38:03	0.02
3/5/2015	10:39:03	0.018
3/5/2015	10:40:03	0.019
3/5/2015	10:41:03	0.019
3/5/2015	10:42:03	0.02
3/5/2015	10:43:03	0.021
3/5/2015	10:44:03	0.022
3/5/2015	10:45:03	0.021
3/5/2015	10:46:03	0.033
3/5/2015	10:47:03	0.02
3/5/2015	10:48:03	0.019
3/5/2015	10:49:03	0.019
3/5/2015	10:50:03	0.02
3/5/2015	10:51:03	0.02
3/5/2015	10:52:03	0.02
3/5/2015	10:53:03	0.019
3/5/2015	10:54:03	0.046
3/5/2015	10:55:03	0.018
3/5/2015	10:56:03	0.019
3/5/2015	10:57:03	0.019

Date	Time	AEROSOL
MM/dd/yyyy	*hh:mm:ss*	*mg/m^3*
3/5/2015	10:05:30	0.016
3/5/2015	10:06:30	0.016
3/5/2015	10:07:30	0.017
3/5/2015	10:08:30	0.017
3/5/2015	10:09:30	0.016
3/5/2015	10:10:30	0.016
3/5/2015	10:11:30	0.019
3/5/2015	10:12:30	0.016
3/5/2015	10:13:30	0.053
3/5/2015	10:14:30	0.023
3/5/2015	10:15:30	0.049
3/5/2015	10:16:30	0.025
3/5/2015	10:17:30	0.019
3/5/2015	10:18:30	0.018
3/5/2015	10:19:30	0.016
3/5/2015	10:20:30	0.017
3/5/2015	10:21:30	0.016
3/5/2015	10:22:30	0.025
3/5/2015	10:23:30	0.034
3/5/2015	10:24:30	0.024
3/5/2015	10:25:30	0.016
3/5/2015	10:26:30	0.027
3/5/2015	10:27:30	0.02
3/5/2015	10:28:30	0.028
3/5/2015	10:29:30	0.03
3/5/2015	10:30:30	0.018
3/5/2015	10:31:30	0.018
3/5/2015	10:32:30	0.017
3/5/2015	10:33:30	0.02
3/5/2015	10:34:30	0.018
3/5/2015	10:35:30	0.018
3/5/2015	10:36:30	0.018
3/5/2015	10:37:30	0.018
3/5/2015	10:38:30	0.015
3/5/2015	10:39:30	0.016
3/5/2015	10:40:30	0.016
3/5/2015	10:41:30	0.016
3/5/2015	10:42:30	0.016
3/5/2015	10:43:30	0.018
3/5/2015	10:44:30	0.017
3/5/2015	10:45:30	0.018
3/5/2015	10:46:30	0.017
3/5/2015	10:47:30	0.017
3/5/2015	10:48:30	0.018
3/5/2015	10:49:30	0.043
3/5/2015	10:50:30	0.017
3/5/2015	10:51:30	0.018
3/5/2015	10:52:30	0.017
3/5/2015	10:53:30	0.016
3/5/2015	10:54:30	0.016
3/5/2015	10:55:30	0.015
3/5/2015	10:56:30	0.015
3/5/2015	10:57:30	0.015
3/5/2015	10:58:30	0.016
3/5/2015	10:59:30	0.017
3/5/2015	11:00:30	0.016

Note:
MM/dd/yyyy = Month/day/year
hh:mm:ss = hour:minute:second
mg/m^3 =milligrams per meter cubed

APPENDIX B

Photograph Documentation

STORM WATER INFILTRATION BASIN EXCAVATION REPORT
PHOTOGRAPH DOCUMENTATION

December 1, 2014 - View west, pond excavation area and staging area prior to beginning work.

December 1, 2014 - View south, culvert in the center of the photo marks east edge of excavation area.

December 4, 2014 - View southeast, close up of culvert.

December 1, 2014 - View southeast, fence marks the southern edge of work area.

December 3, 2014 - View west, discolored soil in excavation.

December 3, 2014 - View west, excavator cleared vegetation to allow access to excavation.

December 3, 2014 - View southwest, soil bin at excavation for immediate loading of discolored soil.

December 3, 2014 - View south, excavation backfilling with water.

December 4, 2014 - View west, post excavation work area.

December 4, 2014 - View west, excavation at the end of the day backfilling with water.

December 4, 2014 - View south, culvert showing the eastern edge of the excavation.

December 4, 2014 - View east, facing former manufacturing building.

December 4, 2014 - View west, post excavation barrier.

December 4, 2014 - View west, post excavation after site cleanup.

March 3, 2015 - View west, post excavation barrier.

March 3, 2015 - Excavated soil with sheen in excavation bucket.

March 3, 2015 - View west, north side of excavation after removing tree stump.

March 3, 2015 - View west, south side of excavation.

March 4, 2015 - View west, water pooling in the north side of excavation.

March 4, 2015 - View west, water pooling in the south side of excavation.

March 4, 2015 - View southwest, sawdust mixing with pooled water in southern end of excavation.

March 4, 2015 - View southwest, excavation after adding more sawdust.

March 4, 2015 - View west, north side of excavation after adding sawdust.

March 4, 2015 - View north, east wall of excavation, red sand underlying organic sediment in excavation.

March 4, 2015 - View west, post excavation south wall sampling point.

March 4, 2015 - View west, excavation after sawdust has been mixed in.

March 5, 2015 - View west, work staging area with soil bins.

March 5, 2015 - View west, more sawdust added to excavation.

March 5, 2015 - View south, trees removed for access to sump pond.

March 6, 2015 - View west, post excavation with barrier.

March 6, 2015 - View southwest, post excavation after removal of equipment.

March 6, 2015 - View west, post excavation after site cleanup, excavation has filled with water.

March 6, 2015 - View northeast, work area after soil bins have been removed.

March 6, 2015 - View west, staging area after soil bins have been removed from site.

March 6, 2015 - View southwest, staging area after excavators were removed from site.

March 6, 2015 - View west, staging area after site cleanup.

APPENDIX C

Soil Disposal Receipts and Manifests

WASTE MANAGEMENT

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 804143

Customer Name NYETECH-114039NY NYETECH
Ticket Date 01/05/2015
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 15-0002
Destination
PO
Profile 114039NY (PETROLEUM IMPACTED SOIL)
Generator 190-NYSDECCAIRN NYSDEC SITE 828122

Carrier SIL SILVAROLE TRUCKING, INC.
Vehicle# 13 Volume
Container
Driver
Check#
Billing # 0001763
Gen EPA ID NOT REQUIRED
Grid U15

	Time	Scale	Operator	Inbound		
In	01/05/2015 07:49:35	Scale1	kking5		Gross	59840 lb
Out	01/05/2015 08:54:52	Scale2	kking5		Tare	36740 lb
					Net	23100 lb
					Tons	11.55

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	11.55	Tons				MON
2	RCR-P-Regulatory C	100		%				MON
3	EVF-P10-Environmen	100		%				MON
4	LFS-LANDFILL FIXED	100		%				MON

Total Tax
Total Ticket

Driver's Signature_____

404WM

WASTE MANAGEMENT

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 804175

Customer Name NYETECH-114039NY NYETECH
Ticket Date 01/05/2015
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 15-0002
Destination
PO
Profile 114039NY (PETROLEUM IMPACTED SOIL)
Generator 190-NYSDECCAIRN NYSDEC SITE 828122

Carrier SIL SILVAROLE TRUCKING, INC.
Vehicle# 13 Volume
Container
Driver
Check#
Billing # 0001763
Gen EPA ID NOT REQUIRED
Grid U15

	Time	Scale	Operator	Inbound		
In	01/05/2015 10:16:31	Scale1	kking5		Gross	68840 lb
Out	01/05/2015 11:08:34	Scale2	kking5		Tare	36220 lb
					Net	32620 lb
					Tons	16.31

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	16.31	Tons				MON
2	RCR-P-Regulatory C	100		%				MON
3	EVF-P10-Environmen	100		%				MON
4	LFS-LANDFILL FIXED	100		%				MON

Total Tax
Total Ticket

Driver's Signature _____

404WM

WASTE MANAGEMENT

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 804203

Customer Name NYETECH-114039NY NYETECH
Ticket Date 01/05/2015
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 15-0002
Destination
PO
Profile 114039NY (PETROLEUM IMPACTED SOIL)
Generator 190-NYSDECC4IRN NYSDEC SITE 828122

Carrier SIL SILVAROLE TRUCKING, INC.
Vehicle# 13 Volume
Container
Driver
Check#
Billing # 0001763
Gen EPA ID NOT REQUIRED

Grid U15

	Time	Scale	Operator
In	01/05/2015 12:20:54	Scale1	kking5
Out	01/05/2015 13:22:16	Scale2	kking5

Inbound

Gross	54540 lb
Tare	35200 lb
Net	19340 lb
Tons	9.67

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	9.67	Tons				MON
2	RCR-P-Regulatory C	100		%				MON
3	EVF-P10-Environmen	100		%				MON
4	LFS-LANDFILL FIXED	100		%				MON

Total Tax
Total Ticket

ver's Signature_____

WASTE MANAGEMENT

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 804259

Customer Name NYETECH-114039NY NYETECH
Ticket Date 01/05/2015
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 15-0002
Destination
PO
Profile 114039NY (PETROLEUM IMPACTED SOIL)
Generator 190-NYSDECCAIRN NYSDEC SITE 828122

Carrier SIL SILVAROLE TRUCKING, INC.
Vehicle# 13
Container
Driver
Check#
Billing # 0001763
Gen EPA ID NOT REQUIRED
Grid U15
Volume

	Time	Scale	Operator	Inbound		
In	01/05/2015 14:31:55	Scale1	kking5		Gross	57780 lb
Out	01/05/2015 15:31:47	Scale2	kking5		Tare	35160 lb
					Net	22620 lb
					Tons	11.31

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	11.31	Tons				MON
2	RCR-P-Regulatory C	100		%				MON
3	EVF-P10-Environmen	100		%				MON
4	LFS-LANDFILL FIXED	100		%				MON

Total Tax
Total Ticket

Driver's Signature_____

404WM

WASTE MANAGEMENT

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 804593

Customer Name NYETECH-114039NY NYETECH
Ticket Date 01/08/2015
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route 75000
State Waste Code
Manifest 15-0002
Destination
PO
Profile 114039NY (PETROLEUM IMPACTED SOIL)
Generator 190-NYSDECCAIRN NYSDEC SITE 828122

Carrier SIL SILVAROLE TRUCKING, INC.
Vehicle# 10 Volume
Container
Driver MAR 16
Check#
Billing # 0001763
Gen EPA ID NOT REQUIRED
Grid U17

	Time	Scale	Operator	Inbound		
In	01/08/2015 09:33:39	Scale1	kking5		Gross	62860 lb
Out	01/08/2015 10:29:36	Scale2	kking5		Tare	37080 lb
					Net	25780 lb
					Tons	12.89

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	12.89	Tons				MON
2	RCR-P-Regulatory C	100		%				MON
3	EVF-P10-Environmen	100		%				MON
4	LFS-LANDFILL FIXED	100		%				MON

Total Tax
Total Ticket

Driver's Signature _____

404WM

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	585-436-5660	15-0002

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC
6274 E. AVON LIMA RD.
AVON NY 14414
Generator's Phone: 585 226.5427

ATT: JOSHUA HAUCK

Generator's Site Address (if different than mailing address)
NYSDEC SITE #828122
15 CAIRN ST.
ROCHESTER NY 14611

6. Transporter 1 Company Name
SILVAROLE TRUCKING
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
MILL SEAT LANDFILL
303 BREW RD
BERGEN NY 14416
Facility's Phone: 585 494.3000 x230
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON RCRA NON DOT SOLIDS, NOS (PETROLEUM IMPACTED SOIL)	001	CM	00020	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
A. 114039NY JOB #R4508

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Nicole Cartier on behalf of NYSDEC
Signature: Nicole Cartier on behalf of NYSDEC
Month: 01 Day: 05 Year: 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Keith Noll
Signature: Keith Noll
Month: 1 Day: 5 Year: 15

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Ryan Kyle
Signature: Ryan Kyle
Month: 1 Day: 15 Year: 15

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone 585-436-5660	4. Waste Tracking Number 15-0002

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC
6274 E. AVON LIMA RD.
AVON NY 14414
Generator's Phone: 585 226.5427

ATT: JOSHUA HAUGH

Generator's Site Address (if different than mailing address)
NYSDEC SITE #828122
15 CAIRN ST.
ROCHESTER NY 14611

6. Transporter 1 Company Name
SILVAROLE TRUCKING
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
MILL SEAT LANDFILL
303 BREW RD
BERGEN NY 14416
Facility's Phone: 585 494.3000 x230
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON RCRA NON DOT SOLIDS, NOS (PETROLEUM IMPACTED SOIL)	001	CM	00020	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
A. 114039NY JOB #R4508

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month 01 | Day 05 | Year 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month 1 | Day 5 | Year 15

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month 1 | Day 15 | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	585-436-5660	15-0002

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC
6274 E. AVON LIMA RD.
AVON NY 14414
Generator's Phone: 585 226.5427

ATT: JOSHUA HAUGH

Generator's Site Address (if different than mailing address)
NYSDEC SITE #828122
15 CAIRN ST.
ROCHESTER NY 14611

6. Transporter 1 Company Name
SILVAROLE TRUCKING
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
MILL SEAT LANDFILL
303 BREW RD
BERGEN NY 14416
Facility's Phone: 585 494.3000 x230
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON RCRA NON DOT SOLIDS, NOS (PETROLEUM IMPACTED SOIL)	001	CM	00020	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
A. 114039NY JOB #R4508

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Nicole Latowski on behalf of NYSDEC
Signature: N. Latowski on behalf of NYSDEC
Month 01 Day 05 Year 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Keith Noll
Signature: Keith Noll
Month 1 Day 5 Year 15

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Eric Eng
Signature: Eric Eng
Month 1 Day 5 Year 15

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	585-436-5660	15-0002

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC
6274 E. AVON LIMA RD.
AVON NY 14414
Attn: JOSHUA HAUCH
Generator's Phone: 585 226.5427

Generator's Site Address (if different than mailing address)
NYSDEC SITE #828122
15 CAIRN ST.
ROCHESTER NY 14611

6. Transporter 1 Company Name
SILVAROLE TRUCKING
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
MILL SEAT LANDFILL
303 BREW RD
BERGEN NY 14416
Facility's Phone: 585 494.3000 x230
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON RCRA NON DOT SOLIDS, NOS (PETROLEUM IMPACTED SOIL)	001	CM	00020	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
A. 114039NY JOB #R4508

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Nicole Lindner on behalf of NYSDEC
Signature: N. Li on behalf of NYSDEC
Month Day Year: 01 05 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Keith Wall
Signature: Keith Wall
Month Day Year: 1 5 15

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Lynn Lyng
Signature: Lynn Lyng
Month Day Year: 1 5 15

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of 1

3. Emergency Response Phone: 585-436-5860

4. Waste Tracking Number: 15-0002

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC
6274 E. AVON LIMA RD.
AVON NY 14414
ATT: JOSHUA HAUGH
Generator's Phone: 585 226.5427

Generator's Site Address (if different than mailing address)
NYSDEC SITE #828122
15 CAIRN ST.
ROCHESTER NY 14611

6. Transporter 1 Company Name
SILVAROLE TRUCKING
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
MILL SEAT LANDFILL
303 BREW RD
BERGEN NY 14416
Facility's Phone: 585 494.3000 x230
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON RCRA NON DOT SOLIDS, NOS (PETROLEUM IMPACTED SOIL)	001	CM	00020	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
A. 114039NY JOB #R4508

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Nicole Lintner on behalf of NYSDEC
Signature: on behalf of NYSDEC
Month Day Year: 01 09 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Keith Noll
Signature:
Month Day Year: 1 15 15

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Bill Byng
Signature: Bill Byng
Month Day Year: 1 8 15

WASTE MANAGEMENT

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 809173

Customer Name NYETECH-114039NY NYETECH
Ticket Date 03/06/2015
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 15-0077
Destination
PO
Profile 114039NY (PETROLEUM IMPACTED SOIL)
Generator 190-NYSDECCAIRN NYSDEC SITE 828122

Carrier SIL SILVAROLE TRUCKING, INC.
Vehicle# 13 Volume
Container
Driver
Check#
Billing # 0001763
Gen EPA ID NOT REQUIRED
Grid Y17

	Time	Scale	Operator	Inbound		
In	03/06/2015 08:00:16	Scale1	kking5		Gross	53600 lb
Out	03/06/2015 08:55:07	Scale2	kking5		Tare	34900 lb
					Net	18700 lb
					Tons	9.35

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	9.35	Tons				MON
2	RCR-P-Regulatory C	100		%				MON
3	EVF-P10-Environmen	100		%				MON
4	LFS-LANDFILL FIXED	100		%				MON

Total Tax
Total Ticket

Driver's Signature_____

404WM

WASTE MANAGEMENT

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 809174

Customer Name NYETECH-114039NY NYETECH
Ticket Date 03/06/2015
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 15-0078
Destination
PO
Profile 114039NY (PETROLEUM IMPACTED SOIL)
Generator 190-NYSDECCAIRN NYSDEC SITE 828122

Carrier SIL SILVAROLE TRUCKING, INC.
Vehicle# 14 Volume
Container
Driver
Check#
Billing # 0001763
Gen EPA ID NOT REQUIRED

Grid Y17

	Time	Scale	Operator	Inbound		
In	03/06/2015 08:01:06	Scale1	kking5		Gross	56460 lb
Out	03/06/2015 09:12:17	Scale2	kking5		Tare	36720 lb
					Net	19740 lb
					Tons	9.87

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-R6C-	100	9.87	Tons				MON
2	RCR-P-Regulatory C	100		%				MON
3	EVF-P10-Environmen	100		%				MON
4	LFS-LANDFILL FIXED	100		%				MON

Total Tax
Total Ticket

Driver's Signature _____

404WM

WASTE MANAGEMENT

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 809204

Customer Name NYETECH-114039NY NYETECH
Ticket Date 03/06/2015
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 15-0076
Destination
PO
Profile 114039NY (PETROLEUM IMPACTED SOIL)
Generator 190-NYSDECCAIRN NYSDEC SITE 828122

Carrier SIL SILVAROLE TRUCKING, INC.
Vehicle# 13
Container Volume
Driver
Check#
Billing # 0001763
Gen EPA ID NOT REQUIRED

Grid Y17

	Time	Scale	Operator			
In	03/06/2015 10:11:51	Scale1	kking5	Inbound	Gross	52680 lb
Out	03/06/2015 10:57:28	Scale2	kking5		Tare	34380 lb
					Net	18300 lb
					Tons	9.15

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	9.15	Tons				
2	RCR-P-Regulatory C	100		%				MON
3	EVF-P10-Environmen	100		%				MON
4	LFS-LANDFILL FIXED	100		%				MON
								MON

Total Tax
Total Ticket

Driver's Signature _____

404WM

WASTE MANAGEMENT

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 809207

Customer Name NYETECH-114039NY NYETECH
Ticket Date 03/06/2015
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 15-0075
Destination
PO
Profile 114039NY (PETROLEUM IMPACTED SOIL)
Generator 190-NYSDECCAIRN NYSDEC SITE 828122

Carrier SIL SILVAROLE TRUCKING, INC.
Vehicle# 14 Volume
Container
Driver
Check#
Billing # 0001763
Gen EPA ID NOT REQUIRED

Grid Y17

	Time	Scale	Operator	Inbound		
In	03/06/2015 10:37:04	Scale1	kking5		Gross	55020 lb
Out	03/06/2015 11:22:12	Scale2	kking5		Tare	35620 lb
					Net	19400 lb
					Tons	9.70

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	9.70	Tons				MON
2	RCR-P-Regulatory C	100		%				MON
3	EVF-P10-Environmen	100		%				MON
4	LFS-LANDFILL FIXED	100		%				MON

Total Tax
Total Ticket

Driver's Signature_____

404WM

WASTE MANAGEMENT

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 809231

Customer Name NYETECH-114039NY NYETECH
Ticket Date 03/06/2015
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 15-0074
Destination
PO
Profile 114039NY (PETROLEUM IMPACTED SOIL)
Generator 190-NYSDECCAIRN NYSDEC SITE 828122

Carrier SIL SILVAROLE TRUCKING, INC.
Vehicle# 13
Container
Driver
Check#
Billing # 0001763
Gen EPA ID NOT REQUIRED

Grid Y17

	Time	Scale	Operator			
In	03/06/2015 12:22:39	Scale1	KKING5	Inbound	Gross	50520 lb
Out	03/06/2015 13:12:16	Scale2	KKING5		Tare	33780 lb
					Net	16740 lb
					Tons	8.37

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	8.37	Tons				
2	RCR-P-Regulatory C	100		%				MON
3	EVF-P10-Environmen	100		%				MON
4	LFS-LANDFILL FIXED	100		%				MON
								MON

Total Tax
Total Ticket

Driver's Signature _____

404WM

WASTE MANAGEMENT

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 809242

Customer Name NYETECH-114039NY NYETECH
Ticket Date 03/06/2015
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route 75000
State Waste Code
Manifest 15-0072
Destination
PO
Profile 114039NY (PETROLEUM IMPACTED SOIL)
Generator 190-NYSDECCAIRN NYSDEC SITE 828122

Carrier SIL SILVAROLE TRUCKING, INC.
Vehicle# 10
Container
Driver MAR 16
Check#
Billing # 0001763
Gen EPA ID NOT REQUIRED
Grid Y17
Volume

	Time	Scale	Operator
In	03/06/2015 12:55:42	Scale1	KKING5
Out	03/06/2015 13:33:26	Scale2	KKING5

Inbound

Gross 58660 lb
Tare 35820 lb
Net 22840 lb
Tons 11.42

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	11.42	Tons				
2	RCR-P-Regulatory C	100		%				MON
3	EVF-P10-Environmen	100		%				MON
4	LFS-LANDFILL FIXED	100		%				MON

Total Tax
Total Ticket

Driver's Signature _____

404WM

WASTE MANAGEMENT

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 809246

Customer Name NYETECH-114039NY NYETECH
Ticket Date 03/06/2015
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 15-0073
Destination
PO
Profile 114039NY (PETROLEUM IMPACTED SOIL)
Generator 190-NYSDECCAIRN NYSDEC SITE 828122

Carrier SIL SILVAROLE TRUCKING, INC.
Vehicle# 14 Volume
Container
Driver
Check#
Billing # 0001763
Gen EPA ID NOT REQUIRED

Grid Y17

	Time	Scale	Operator	Inbound		
In	03/06/2015 13:05:21	Scale1	KKING5		Gross	53860 lb
Out	03/06/2015 13:42:10	Scale2	KKING5		Tare	34680 lb
					Net	19180 lb
					Tons	9.59

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	9.59	Tons				MON
2	RCR-P-Regulatory C	100		%				MON
3	EVF-P10-Environmen	100		%				MON
4	LFS-LANDFILL FIXED	100		%				MON

Total Tax
Total Ticket

Driver's Signature_____

404WM

WASTE MANAGEMENT

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 809278

Customer Name NYETECH-114039NY NYETECH
Ticket Date 03/06/2015
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 15-0071
Destination
PO
Profile 114039NY (PETROLEUM IMPACTED SOIL)
Generator 190-NYSDECCAIRN NYSDEC SITE 828122

Carrier SIL SILVAROLE TRUCKING, INC.
Vehicle# 13 Volume
Container
Driver
Check#
Billing # 0001763
Gen EPA ID NOT REQUIRED

Grid Y17

	Time	Scale	Operator			
In	03/06/2015 14:28:05	Scale1	KKING5	Inbound	Gross	53960 lb
Out	03/06/2015 15:19:54	Scale2	KKING5		Tare	34420 lb
					Net	19540 lb
					Tons	9.77

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	9.77	Tons				MON
2	RCR-P-Regulatory C	100		%				MON
3	EVF-Pi0-Environmen	100		%				MON
4	LFS-LANDFILL FIXED	100		%				MON

Total Tax
Total Ticket

Driver's Signature _____

404WM

WASTE MANAGEMENT

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 809283

Customer Name NYETECH-114039NY NYETECH
Ticket Date 03/06/2015
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route 75000
State Waste Code
Manifest 15-0070
Destination
PO
Profile 114039NY (PETROLEUM IMPACTED SOIL)
Generator 190-NYSDECCAIRN NYSDEC SITE 828122

Carrier SIL SILVAROLE TRUCKING, INC.
Vehicle# 10 Volume
Container
Driver MAR 16
Check#
Billing # 0001763
Gen EPA ID NOT REQUIRED

Grid Y17

	Time	Scale	Operator	Inbound		
In	03/06/2015 14:43:57	Scale1	KKINGS		Gross	56920 lb
Out	03/06/2015 15:24:10	Scale2	KKINGS		Tare	36380 lb
					Net	20540 lb
					Tons	10.27

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	10.27	Tons				MON
2	RCR-P-Regulatory C	100		%				MON
3	EVF-P10-Environmen	100		%				MON
4	LFS-LANDFILL FIXED	100		%				MON

Total Tax
Total Ticket

Driver's Signature_____

404WM

WASTE MANAGEMENT

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 809367

Customer Name NYETECH-114039NY NYETECH
Ticket Date 03/09/2015
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 15-0068
Destination
PO
Profile 114039NY (PETROLEUM IMPACTED SOIL)
Generator 190-NYSDECCAIRN NYSDEC SITE 828122

Carrier SIL SILVAROLE TRUCKING, INC.
Vehicle# 13
Container
Driver
Check#
Billing # 0001763
Gen EPA ID NOT REQUIRED
Grid Y17

Time		Scale	Operator
In	03/09/2015 10:41:39	Scale1	kking5
Out	03/09/2015 11:04:08	Scale2	kking5

Comments

Inbound

Gross	57060 lb
Tare	34900 lb
Net	22160 lb
Tons	11.08

	Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC- 100		11.08	Tons				MON
2	RCR-P-Regulatory C 100			%				MON
3	EVF-Pi0-Environmen 100			%				MON
4	LFS-LANDFILL FIXED 100			%				MON

Total Tax
Total Ticket

Driver's Signature _____

WM

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	585-436-5860	15-0068

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC
6274 E. AVON LIMA RD.
AVON NY 14414
Generator's Phone: 585 226.5427

Att: JOSHUA HAUGH

Generator's Site Address (if different than mailing address)
NYSDEC SITE #828122
15 CAIRN ST.
ROCHESTER NY 14611

6. Transporter 1 Company Name: SILVAROLE TRUCKING — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
MILL SEAT LANDFILL
303 BREW RD
BERGEN NY 14416
Facility's Phone: 585 494.3000 x230

U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON RCRA NON DOT SOLIDS, NOS (PETROLEUM IMPACTED SOIL)	001	CM	00020	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
A. 114039NY JOB #R4508

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Thomas Palmer on behalf of NYSDEC — Signature: on behalf of NYSDEC — Month 03 Day 30 Year 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Robert Silvarole — Signature — Month 03 Day 06 Year 15

Transporter 2 Printed/Typed Name: Keith Noll — Signature — Month 3 Day 9 Year 15

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Phil King — Signature: Phil King — Month 3 Day 9 Year 15

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	585-436-5660	15-0070

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC
6274 E. AVON LIMA RD.
AVON NY 14414
Attn: JOSHUA HAUCK
Generator's Phone: 585 226.5427

Generator's Site Address (if different than mailing address)
NYSDEC SITE #828122
15 CAIRN ST.
ROCHESTER NY 14611

6. Transporter 1 Company Name
SILVAROLE TRUCKING
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
MILL SEAT LANDFILL
303 BREW RD
BERGEN NY 14416
Facility's Phone: 585 494.3000 x230
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON RCRA NON DOT SOLIDS, NOS (PETROLEUM IMPACTED SOIL)	001	CM	00020	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
A. 114039NY JOB #R4508

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Thomas Palmer on behalf of NYSDEC
Signature: Thomas Palmer on behalf of NYSDEC
Month Day Year: 03 06 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Robert Silvarole
Signature:
Month Day Year: 03 06 15

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:
Signature:
Month Day Year: 3 10 15

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	585-436-5660	15-0071

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC
6274 E. AVON LIMA RD.
AVON NY 14414
Generator's Phone: 585 226.5427

Attn: JOSHUA HAUGH

Generator's Site Address (if different than mailing address)
NYSDEC SITE #828122
15 CAIRN ST.
ROCHESTER NY 14611

6. Transporter 1 Company Name: SILVAROLE TRUCKING — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
MILL SEAT LANDFILL
303 BREW RD
BERGEN NY 14416
Facility's Phone: 585 494.3000 x230

U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON RCRA NON DOT SOLIDS, NOS (PETROLEUM IMPACTED SOIL)	001	CM	00020	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
A. 114039NY JOB #R4508

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Thomas Palmer on behalf of NYSDEC — Signature: [signature] on behalf of NYSDEC — Month/Day/Year: 03/06/15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Keith Wolf — Signature: [signature] — Month/Day/Year: 3/6/15

Transporter 2 Printed/Typed Name — Signature — Month/Day/Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month/Day/Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Bill Ingg — Signature: Bill Ingg — Month/Day/Year: 3/6/15

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	585-436-5660	15-0073

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC
6274 E. AVON LIMA RD.
AVON NY 14414
Attn: JOSHUA HAUGH
Generator's Phone: 585 226 5427

Generator's Site Address (if different than mailing address)
NYSDEC SITE #828122
15 CAIRN ST.
ROCHESTER NY 14611

6. Transporter 1 Company Name
SILVAROLE TRUCKING
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
MILL SEAT LANDFILL
303 BREW RD
BERGEN NY 14416
Facility's Phone: 585 494 3000 x230
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON RCRA NON DOT SOLIDS, NOS (PETROLEUM IMPACTED SOIL)	001	CM	00020	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
A. 114039NY JOB #R4508

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Thomas Palmer on behalf of NYSDEC
Signature: Thomas Palmer on behalf of NYSDEC
Month Day Year: 03 06 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: CHRIS MARESE
Signature:
Month Day Year: 3 6 14

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:
Signature:
Month Day Year: 3 10 15

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	585-436-5660	15-0072

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC
6274 E. AVON LIMA RD.
AVON NY 14414
ATT: JOSHUA HAUGH
Generator's Phone: 585 226 5427

Generator's Site Address (if different than mailing address)
NYSDEC SITE #828122
15 CAIRN ST.
ROCHESTER NY 14611

6. Transporter 1 Company Name
SILVAROLE TRUCKING
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
MILL SEAT LANDFILL
303 BREW RD
BERGEN NY 14416
Facility's Phone: 585 494 3000 x230
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON RCRA NON DOT SOLIDS, NOS (PETROLEUM IMPACTED SOIL)	001	CM	00020	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
A. 114039NY JOB #R4508

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Thomas Palmer on behalf of NYSDEC
Signature: Thomas Palmer on behalf of NYSDEC
Month Day Year: 03 06 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Robert Silvarole
Signature:
Month Day Year: 03 06 15

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Bill King
Signature: Bill King
Month Day Year: 3 10 15

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	585-436-5660	15-0074

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC
6274 E. AVON LIMA RD.
AVON NY 14414
Generator's Phone: 585 226.5427

ATT: JOSHUA HAUGH

Generator's Site Address (if different than mailing address)
NYSDEC SITE #828122
15 CAIRN ST.
ROCHESTER NY 14611

6. Transporter 1 Company Name
SILVAROLE TRUCKING
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
MILL SEAT LANDFILL
303 BREW RD
BERGEN NY 14416
Facility's Phone: 585 494.3000 x230
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON RCRA NON DOT SOLIDS, NOS (PETROLEUM IMPACTED SOIL)	001	CM	00020	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
A. 114039NY JOB #R4508

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Thomas Palmer on behalf of NYSDEC
Signature: [signature] on behalf of NYSDEC
Month Day Year: 08 01 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Keith Noll
Signature: [signature]
Month Day Year: 08 01 15

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: [illegible]
Signature: [illegible]
Month Day Year: 08 01 15

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	585-436-5660	15-0075

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC
6274 E. AVON LIMA RD.
AVON NY 14414
Attn: JOSHUA HAUGH
Generator's Phone: 585 226 5427

Generator's Site Address (if different than mailing address)
NYSDEC SITE #828122
15 CAIRN ST.
ROCHESTER NY 14611

6. Transporter 1 Company Name
SILVAROLE TRUCKING
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
MILL SEAT LANDFILL
303 BREW RD
BERGEN NY 14416
Facility's Phone: 585 494 3000 x230
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON RCRA NON DOT SOLIDS, NOS (PETROLEUM IMPACTED SOIL)	001	CM	00020	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
A. 114039NY JOB #R4508

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Thomas Palmer on behalf of NYSDEC
Signature: Thomas Palmer on behalf of NYSDEC
Month Day Year: 06 01 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: CHRIS MARCESE
Signature:
Month Day Year: 3 6 15

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month Day Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	585-436-5680	15-0076

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC
6274 E. AVON LIMA RD.
AVON NY 14414
Attn: JOSHUA HAUGHT
Generator's Phone: 585 226.5427

Generator's Site Address (if different than mailing address)
NYSDEC SITE #828122
15 CAIRN ST.
ROCHESTER NY 14611

6. Transporter 1 Company Name
SILVAROLE TRUCKING
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
MILL SEAT LANDFILL
303 BREW RD
BERGEN NY 14416
Facility's Phone: 585 494 3000 x230
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON RCRA NON DOT SOLIDS, NOS (PETROLEUM IMPACTED SOIL)	001	CM	00020	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
A. 114039NY JOB #R4508

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Thomas Palmer on behalf of NYSDEC
Signature: Thomas Palmer on behalf of NYSDEC
Month Day Year: 03 06 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Keith Noll
Signature:
Month Day Year: 3 6 15

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Kyle King
Signature: Kyle King
Month Day Year: 3 10 15

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	585-436-5660	15-0078

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC
6274 E. AVON LIMA RD.
AVON NY 14414
Generator's Phone: 585 226.5427

Attn: JOSHUA HAUGH

Generator's Site Address (if different than mailing address)
NYSDEC SITE #828122
15 CAIRN ST.
ROCHESTER NY 14611

6. Transporter 1 Company Name
SILVAROLE TRUCKING
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
MILL SEAT LANDFILL
303 BREW RD
BERGEN NY 14416
Facility's Phone: 585 494.3000 x230
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON RCRA NON DOT SOLIDS, NOS (PETROLEUM IMPACTED SOIL)	001	CM	00020	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
A. 114039NY JOB #R4508

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Thomas Palmer on behalf of NYSDEC
Signature: Thomas Palmer on behalf of NYSDEC
Month Day Year: 03 06 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: CHRIS MAIRESE
Signature:
Month Day Year: 3 6 15

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Ryan King
Signature: Ryan King
Month Day Year: 3 10 15

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	585-436-5660	15 - 0077

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC
6274 E. AVON LIMA RD.
AVON NY 14414
Attn: JOSHUA HAUCH
Generator's Phone: 585 226 5427

Generator's Site Address (if different than mailing address)
NYSDEC SITE #828122
15 CAIRN ST.
ROCHESTER NY 14611

6. Transporter 1 Company Name
SILVAROLE TRUCKING
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
MILL SEAT LANDFILL
303 BREW RD
BERGEN NY 14416
Facility's Phone: 585 494 3000 x230
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON RCRA NON DOT SOLIDS, NOS (PETROLEUM IMPACTED SOIL)	001	CM	00020	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
A. 114039NY JOB #R4508

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Thomas Palmer on behalf of NYSDEC
Signature: Thomas Palmer on behalf of NYSDEC
Month Day Year: 03 06 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Keith Wall
Signature
Month Day Year: 3 6 15

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Eric King
Signature
Month Day Year: 3 6 15

169-BLS-C 5 11979 (Rev. 9/09)

TRANSPORTER #2

APPENDIX D

Soil Laboratory Analytical Reports and Data Usability Summary Report

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: 480-76309-1
Client Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

For:
New York State D.E.C.
6274 E. Avon-Lima Rd.
Avon, New York 14414

Attn: Josh Haugh

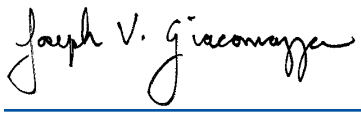
Joseph V. Giacomazza

Authorized for release by:
3/18/2015 9:21:46 AM
Joe Giacomazza, Project Management Assistant II
joe.giacomazza@testamericainc.com

Designee for

Brian Fischer, Manager of Project Management
(716)504-9835
brian.fischer@testamericainc.com

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Joe Giacomazza
Project Management Assistant II
3/18/2015 9:21:46 AM

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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.
*	LCS or LCSD exceeds the control limits
B	Compound was found in the blank and sample.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the 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 Semi 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 exceeds the control limits
F2	MS/MSD RPD exceeds control limits

Metals

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits

Glossary

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

Job ID: 480-76309-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-76309-1

Receipt
The samples were received on 3/9/2015 12:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.9º C.

Except:
Logged metals per PM instruction.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 229936 recovered outside acceptance criteria, low biased, for Trichlorofluoromethane and 1,1,2-Trichloro-1,2,2-trifluoroethane. A reporting limit (RL) standard was analyzed, and the target analytes were detected. Since the associated samples were non-detect for these analytes, the data have been reported.

Method(s) 8260C: The method blank for batch 229936 contained Acetone 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) 8260C: Reported analyte concentrations in the following sample(s) are below 200ug/kg and may be biased low due to the sample(s) not being collected according to 5035-L/5035A-L low-level specifications: BOTTOM-3 (480-76309-5), S-5 (480-76309-1), S-6 (480-76309-2), S-7 (480-76309-3), S-8 (480-76309-4).

Method(s) 8260C: The laboratory control sample (LCS) for batch 229936 recovered outside control limits for the following analyte: Acetone and 2-Butanone. These were not requested spike compounds; therefore, the data have been qualified and reported. (LCS 480-229930/3-A)

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: The following sample was diluted due to the nature of the sample matrix: S-5 (480-76309-1). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: The laboratory control sample (LCS) for batch 229725 recovered outside control limits for the following analyte: 4-Chloroaniline. This analyte has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. (LCS 480-229725/2-A).

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 229891 recovered above the upper control limit for 2,4-Dinitrophenol and 4-Nitrophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-229891/7).

Method(s) 8270D: The following samples were diluted due to the nature of the sample matrix: S-7 (480-76309-3). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 230080 recovered above the upper control limit for 2,4-Dinitrophenol, 4-Nitrophenol and Benzo(k)fluoroanthene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-230080/3).

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

GC Semi VOA
Method(s) 8081B: The following samples were diluted due to the nature of the sample matrix: (480-76309-1 MS), (480-76309-1 MSD), BOTTOM-3 (480-76309-5), S-5 (480-76309-1), S-7 (480-76309-3). Elevated reporting limits (RLs) are provided.

Method(s) 8081B: For method 8081 Pesticides, the majority of the peaks present in the sample extracts are biphenyls indicating the presence of Aroclors. The results of several confirmed positive peaks may be enhanced and due to the biphenyl peaks present, and may

Job ID: 480-76309-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

be considered estimated for: S-5 (480-76309-1)

Method(s) 8081B: The following sample(s) required a dilution due to the nature of the sample matrix: (480-76309-1 MSD). 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.

Method(s) 8081B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 229731 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 8081B: All primary data is reported from the RTX-CLPII column.

Method(s) 8081B: The matrix spike / matrix spike duplicate precision for preparation batch 229731 was outside control limits. The data has been qualified and reported.

Method(s) 8082A: All primary data is reported from the ZB-5 column.

Method(s) 8082A: The percent difference in a multi-component continuing calibration verification is assessed on the basis of the total amount, individual peak calculations are only listed for completeness.

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

Metals

Method(s) 6010C: The low level continuing calibration verification (CCVL 480-229995/15) recovered above the upper control limit for total barium. The sample(s) (LCSSRM 480-229735/2-), (MB 480-229735/1-A) associated with this CCVL were either ND or less than the reporting limit (RL) for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCVL; therefore, re-analysis of samples was not performed.

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

Organic Prep

Method(s) 3550C: The following sample: S-8 (480-76309-4) was decanted prior to preparation.

Method(s) 3550C: The following sample: S-8 (480-76309-4) was decanted prior to preparation.

Method(s) 3550C: The following samples required a Florisil clean-up, via EPA Method 3620C, to reduce matrix interferences: (480-76309-1 MS), (480-76309-1 MSD), BOTTOM-3 (480-76309-5), S-5 (480-76309-1), S-6 (480-76309-2), S-7 (480-76309-3), S-8 (480-76309-4).

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

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-76309-1

Client Sample ID: S-5
Date Collected: 03/04/15 13:15
Date Received: 03/09/15 12:30

Lab Sample ID: 480-76309-1
Matrix: Solid
Percent Solids: 85.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	0.41	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
1,1,2,2-Tetrachloroethane	ND		5.7	0.92	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	1.3	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
1,1,2-Trichloroethane	ND		5.7	0.74	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
1,1-Dichloroethane	ND		5.7	0.69	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
1,1-Dichloroethene	ND		5.7	0.69	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
1,2,4-Trichlorobenzene	ND		5.7	0.35	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
1,2-Dibromo-3-Chloropropane	ND		5.7	2.8	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
1,2-Dibromoethane	ND		5.7	0.73	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
1,2-Dichlorobenzene	ND		5.7	0.44	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
1,2-Dichloroethane	ND		5.7	0.28	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
1,2-Dichloropropane	ND		5.7	2.8	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
1,3-Dichlorobenzene	ND		5.7	0.29	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
1,4-Dichlorobenzene	**1.3**	**J**	5.7	0.79	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
2-Butanone (MEK)	ND	*	28	2.1	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
2-Hexanone	ND		28	2.8	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
4-Methyl-2-pentanone (MIBK)	ND		28	1.9	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
Acetone	**5.8**	**J B ***	28	4.8	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
Benzene	ND		5.7	0.28	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
Bromodichloromethane	ND		5.7	0.76	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
Bromoform	ND		5.7	2.8	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
Bromomethane	ND		5.7	0.51	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
Carbon disulfide	ND		5.7	2.8	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
Carbon tetrachloride	ND		5.7	0.55	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
Chlorobenzene	ND		5.7	0.75	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
Chloroethane	ND		5.7	1.3	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
Chloroform	ND		5.7	0.35	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
Chloromethane	ND		5.7	0.34	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
cis-1,2-Dichloroethene	ND		5.7	0.73	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
cis-1,3-Dichloropropene	ND		5.7	0.82	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
Cyclohexane	ND		5.7	0.79	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
Dibromochloromethane	ND		5.7	0.73	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
Dichlorodifluoromethane	ND		5.7	0.47	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
Ethylbenzene	ND		5.7	0.39	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
Isopropylbenzene	ND		5.7	0.86	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
Methyl acetate	ND		5.7	3.4	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
Methyl tert-butyl ether	ND		5.7	0.56	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
Methylcyclohexane	ND		5.7	0.86	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
Methylene Chloride	**4.0**	**J**	5.7	2.6	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
Styrene	ND		5.7	0.28	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
Tetrachloroethene	ND		5.7	0.76	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
Toluene	ND		5.7	0.43	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
trans-1,2-Dichloroethene	ND		5.7	0.59	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
trans-1,3-Dichloropropene	ND		5.7	2.5	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
Trichloroethene	ND		5.7	1.2	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
Trichlorofluoromethane	ND		5.7	0.54	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
Vinyl chloride	ND		5.7	0.69	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1
Xylenes, Total	ND		11	0.95	ug/Kg	☼	03/11/15 12:06	03/11/15 15:44	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-76309-1

Client Sample ID: S-5
Date Collected: 03/04/15 13:15
Date Received: 03/09/15 12:30

Lab Sample ID: 480-76309-1
Matrix: Solid
Percent Solids: 85.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		64 - 126	03/11/15 12:06	03/11/15 15:44	1
4-Bromofluorobenzene (Surr)	80		72 - 126	03/11/15 12:06	03/11/15 15:44	1
Toluene-d8 (Surr)	101		71 - 125	03/11/15 12:06	03/11/15 15:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		990	270	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
2,4,6-Trichlorophenol	ND		990	200	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
2,4-Dichlorophenol	ND		990	110	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
2,4-Dimethylphenol	ND		990	240	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
2,4-Dinitrophenol	ND		1900	600	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
2,4-Dinitrotoluene	ND		990	200	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
2,6-Dinitrotoluene	ND		990	120	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
2-Chloronaphthalene	ND		990	160	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
2-Chlorophenol	ND		990	180	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
2-Methylnaphthalene	ND		990	200	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
2-Methylphenol	ND		990	120	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
2-Nitroaniline	ND		1900	150	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
2-Nitrophenol	ND		990	280	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
3,3'-Dichlorobenzidine	ND		1900	1200	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
3-Nitroaniline	ND		1900	270	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
4,6-Dinitro-2-methylphenol	ND		1900	990	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
4-Bromophenyl phenyl ether	ND		990	140	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
4-Chloro-3-methylphenol	ND		990	250	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
4-Chloroaniline	ND	*	990	250	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
4-Chlorophenyl phenyl ether	ND		990	120	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
4-Methylphenol	ND		1900	120	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
4-Nitroaniline	ND		1900	520	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
4-Nitrophenol	ND		1900	690	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Acenaphthene	ND		990	150	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Acenaphthylene	ND		990	130	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Acetophenone	ND		990	130	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Anthracene	ND		990	250	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Atrazine	ND		990	340	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Benzaldehyde	ND		990	790	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Benzo(a)anthracene	ND		990	99	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Benzo(a)pyrene	ND		990	150	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Benzo(b)fluoranthene	ND		990	160	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Benzo(g,h,i)perylene	**130**	**J**	990	110	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Benzo(k)fluoranthene	ND		990	130	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Biphenyl	ND		990	150	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
bis (2-chloroisopropyl) ether	ND		990	200	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Bis(2-chloroethoxy)methane	ND		990	210	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Bis(2-chloroethyl)ether	ND		990	130	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Bis(2-ethylhexyl) phthalate	ND		990	340	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Butyl benzyl phthalate	ND		990	160	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Caprolactam	ND		990	300	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Carbazole	ND		990	120	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Chrysene	ND		990	220	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Dibenz(a,h)anthracene	ND		990	180	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-76309-1

Client Sample ID: S-5
Date Collected: 03/04/15 13:15
Date Received: 03/09/15 12:30

Lab Sample ID: 480-76309-1
Matrix: Solid
Percent Solids: 85.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		990	120	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Diethyl phthalate	ND		990	130	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Dimethyl phthalate	ND		990	120	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Di-n-butyl phthalate	ND		990	170	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Di-n-octyl phthalate	ND		990	120	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Fluoranthene	ND		990	110	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Fluorene	ND		990	120	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Hexachlorobenzene	ND		990	130	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Hexachlorobutadiene	ND		990	150	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Hexachlorocyclopentadiene	ND		990	130	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Hexachloroethane	ND		990	130	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Indeno(1,2,3-cd)pyrene	ND		990	120	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Isophorone	ND		990	210	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Naphthalene	ND		990	130	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Nitrobenzene	ND		990	110	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
N-Nitrosodi-n-propylamine	ND		990	170	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
N-Nitrosodiphenylamine	ND		990	810	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Pentachlorophenol	ND		1900	990	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Phenanthrene	ND		990	150	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Phenol	ND		990	150	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5
Pyrene	ND		990	120	ug/Kg	☼	03/10/15 07:48	03/11/15 19:28	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*86*		*39 - 146*	*03/10/15 07:48*	*03/11/15 19:28*	*5*
2-Fluorobiphenyl	*94*		*37 - 120*	*03/10/15 07:48*	*03/11/15 19:28*	*5*
2-Fluorophenol	*72*		*18 - 120*	*03/10/15 07:48*	*03/11/15 19:28*	*5*
Nitrobenzene-d5	*83*		*34 - 132*	*03/10/15 07:48*	*03/11/15 19:28*	*5*
Phenol-d5	*78*		*11 - 120*	*03/10/15 07:48*	*03/11/15 19:28*	*5*
p-Terphenyl-d14	*102*		*65 - 153*	*03/10/15 07:48*	*03/11/15 19:28*	*5*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**3.3**	**J**	9.6	1.9	ug/Kg	☼	03/10/15 07:54	03/11/15 18:14	5
4,4'-DDE	ND		9.6	2.0	ug/Kg	☼	03/10/15 07:54	03/11/15 18:14	5
4,4'-DDT	ND	F1	9.6	2.2	ug/Kg	☼	03/10/15 07:54	03/11/15 18:14	5
Aldrin	ND	F2	9.6	2.4	ug/Kg	☼	03/10/15 07:54	03/11/15 18:14	5
alpha-BHC	ND		9.6	1.7	ug/Kg	☼	03/10/15 07:54	03/11/15 18:14	5
alpha-Chlordane	ND		9.6	4.8	ug/Kg	☼	03/10/15 07:54	03/11/15 18:14	5
beta-BHC	ND		9.6	1.7	ug/Kg	☼	03/10/15 07:54	03/11/15 18:14	5
delta-BHC	ND		9.6	1.8	ug/Kg	☼	03/10/15 07:54	03/11/15 18:14	5
Dieldrin	**26**	**F1**	9.6	2.3	ug/Kg	☼	03/10/15 07:54	03/11/15 18:14	5
Endosulfan I	**2.3**	**J**	9.6	1.8	ug/Kg	☼	03/10/15 07:54	03/11/15 18:14	5
Endosulfan II	ND	F1	9.6	1.7	ug/Kg	☼	03/10/15 07:54	03/11/15 18:14	5
Endosulfan sulfate	ND		9.6	1.8	ug/Kg	☼	03/10/15 07:54	03/11/15 18:14	5
Endrin	ND		9.6	1.9	ug/Kg	☼	03/10/15 07:54	03/11/15 18:14	5
Endrin aldehyde	ND		9.6	2.4	ug/Kg	☼	03/10/15 07:54	03/11/15 18:14	5
Endrin ketone	ND		9.6	2.4	ug/Kg	☼	03/10/15 07:54	03/11/15 18:14	5
gamma-BHC (Lindane)	ND		9.6	1.8	ug/Kg	☼	03/10/15 07:54	03/11/15 18:14	5
gamma-Chlordane	**110**	**F2**	9.6	3.0	ug/Kg	☼	03/10/15 07:54	03/11/15 18:14	5
Heptachlor	ND		9.6	2.1	ug/Kg	☼	03/10/15 07:54	03/11/15 18:14	5

Client Sample ID: S-5
Lab Sample ID: 480-76309-1
Date Collected: 03/04/15 13:15
Matrix: Solid
Date Received: 03/09/15 12:30
Percent Solids: 85.5

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		9.6	2.5	ug/Kg	☼	03/10/15 07:54	03/11/15 18:14	5
Methoxychlor	**4.9**	**J**	9.6	2.0	ug/Kg	☼	03/10/15 07:54	03/11/15 18:14	5
Toxaphene	ND		96	56	ug/Kg	☼	03/10/15 07:54	03/11/15 18:14	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*56*		*32 - 136*	*03/10/15 07:54*	*03/11/15 18:14*	*5*
DCB Decachlorobiphenyl	*90*		*32 - 136*	*03/10/15 07:54*	*03/11/15 18:14*	*5*
Tetrachloro-m-xylene	*112*		*30 - 124*	*03/10/15 07:54*	*03/11/15 18:14*	*5*
Tetrachloro-m-xylene	*81*		*30 - 124*	*03/10/15 07:54*	*03/11/15 18:14*	*5*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		270	53	ug/Kg	☼	03/10/15 07:58	03/11/15 13:47	1
PCB-1221	ND		270	53	ug/Kg	☼	03/10/15 07:58	03/11/15 13:47	1
PCB-1232	ND		270	53	ug/Kg	☼	03/10/15 07:58	03/11/15 13:47	1
PCB-1242	ND		270	53	ug/Kg	☼	03/10/15 07:58	03/11/15 13:47	1
PCB-1248	ND		270	53	ug/Kg	☼	03/10/15 07:58	03/11/15 13:47	1
PCB-1254	**280**		270	130	ug/Kg	☼	03/10/15 07:58	03/11/15 13:47	1
PCB-1260	ND		270	130	ug/Kg	☼	03/10/15 07:58	03/11/15 13:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*122*		*47 - 176*	*03/10/15 07:58*	*03/11/15 13:47*	*1*
DCB Decachlorobiphenyl	*113*		*47 - 176*	*03/10/15 07:58*	*03/11/15 13:47*	*1*
Tetrachloro-m-xylene	*100*		*46 - 175*	*03/10/15 07:58*	*03/11/15 13:47*	*1*
Tetrachloro-m-xylene	*103*		*46 - 175*	*03/10/15 07:58*	*03/11/15 13:47*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.3		mg/Kg	☼	03/10/15 11:20	03/11/15 11:55	1
Barium	**40.9**		0.57		mg/Kg	☼	03/10/15 11:20	03/11/15 11:55	1
Cadmium	**0.41**		0.23		mg/Kg	☼	03/10/15 11:20	03/11/15 11:55	1
Chromium	**774**	**F2**	0.57		mg/Kg	☼	03/10/15 11:20	03/11/15 11:55	1
Lead	**23.1**		1.1		mg/Kg	☼	03/10/15 11:20	03/11/15 11:55	1
Selenium	ND		4.5		mg/Kg	☼	03/10/15 11:20	03/11/15 11:55	1
Silver	ND		0.68		mg/Kg	☼	03/10/15 11:20	03/11/15 11:55	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		0.022		mg/Kg	☼	03/10/15 09:40	03/10/15 11:31	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-76309-1

Client Sample ID: S-6
Date Collected: 03/04/15 14:25
Date Received: 03/09/15 12:30

Lab Sample ID: 480-76309-2
Matrix: Solid
Percent Solids: 88.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	0.41	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
1,1,2,2-Tetrachloroethane	ND		5.6	0.91	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6	1.3	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
1,1,2-Trichloroethane	ND		5.6	0.73	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
1,1-Dichloroethane	ND		5.6	0.69	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
1,1-Dichloroethene	ND		5.6	0.69	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
1,2,4-Trichlorobenzene	ND		5.6	0.34	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
1,2-Dibromo-3-Chloropropane	ND		5.6	2.8	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
1,2-Dibromoethane	ND		5.6	0.72	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
1,2-Dichlorobenzene	ND		5.6	0.44	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
1,2-Dichloroethane	ND		5.6	0.28	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
1,2-Dichloropropane	ND		5.6	2.8	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
1,3-Dichlorobenzene	ND		5.6	0.29	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
1,4-Dichlorobenzene	ND		5.6	0.79	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
2-Butanone (MEK)	ND	*	28	2.1	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
2-Hexanone	ND		28	2.8	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
4-Methyl-2-pentanone (MIBK)	ND		28	1.8	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
Acetone	ND	*	28	4.7	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
Benzene	ND		5.6	0.28	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
Bromodichloromethane	ND		5.6	0.75	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
Bromoform	ND		5.6	2.8	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
Bromomethane	ND		5.6	0.51	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
Carbon disulfide	ND		5.6	2.8	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
Carbon tetrachloride	ND		5.6	0.54	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
Chlorobenzene	ND		5.6	0.74	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
Chloroethane	ND		5.6	1.3	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
Chloroform	ND		5.6	0.35	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
Chloromethane	ND		5.6	0.34	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
cis-1,2-Dichloroethene	ND		5.6	0.72	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
cis-1,3-Dichloropropene	ND		5.6	0.81	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
Cyclohexane	ND		5.6	0.79	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
Dibromochloromethane	ND		5.6	0.72	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
Dichlorodifluoromethane	ND		5.6	0.46	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
Ethylbenzene	ND		5.6	0.39	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
Isopropylbenzene	ND		5.6	0.85	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
Methyl acetate	ND		5.6	3.4	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
Methyl tert-butyl ether	ND		5.6	0.55	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
Methylcyclohexane	ND		5.6	0.85	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
Methylene Chloride	ND		5.6	2.6	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
Styrene	ND		5.6	0.28	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
Tetrachloroethene	ND		5.6	0.75	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
Toluene	ND		5.6	0.42	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
trans-1,2-Dichloroethene	ND		5.6	0.58	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
trans-1,3-Dichloropropene	ND		5.6	2.5	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
Trichloroethene	ND		5.6	1.2	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
Trichlorofluoromethane	ND		5.6	0.53	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
Vinyl chloride	ND		5.6	0.69	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1
Xylenes, Total	ND		11	0.94	ug/Kg	☼	03/11/15 12:06	03/11/15 16:09	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-76309-1

Client Sample ID: S-6
Date Collected: 03/04/15 14:25
Date Received: 03/09/15 12:30

Lab Sample ID: 480-76309-2
Matrix: Solid
Percent Solids: 88.8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	79		64 - 126	03/11/15 12:06	03/11/15 16:09	1
4-Bromofluorobenzene (Surr)	88		72 - 126	03/11/15 12:06	03/11/15 16:09	1
Toluene-d8 (Surr)	103		71 - 125	03/11/15 12:06	03/11/15 16:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		190	51	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
2,4,6-Trichlorophenol	ND		190	37	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
2,4-Dichlorophenol	ND		190	20	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
2,4-Dimethylphenol	ND		190	45	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
2,4-Dinitrophenol	ND		360	110	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
2,4-Dinitrotoluene	ND		190	38	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
2,6-Dinitrotoluene	ND		190	22	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
2-Chloronaphthalene	ND		190	31	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
2-Chlorophenol	ND		190	34	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
2-Methylnaphthalene	ND		190	37	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
2-Methylphenol	ND		190	22	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
2-Nitroaniline	ND		360	27	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
2-Nitrophenol	ND		190	53	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
3,3'-Dichlorobenzidine	ND		360	220	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
3-Nitroaniline	ND		360	52	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
4,6-Dinitro-2-methylphenol	ND		360	190	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
4-Bromophenyl phenyl ether	ND		190	26	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
4-Chloro-3-methylphenol	ND		190	46	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
4-Chloroaniline	ND	*	190	46	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
4-Chlorophenyl phenyl ether	ND		190	23	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
4-Methylphenol	ND		360	22	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
4-Nitroaniline	ND		360	98	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
4-Nitrophenol	ND		360	130	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Acenaphthene	ND		190	27	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Acenaphthylene	ND		190	24	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Acetophenone	ND		190	25	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Anthracene	ND		190	46	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Atrazine	ND		190	65	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Benzaldehyde	ND		190	150	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Benzo(a)anthracene	ND		190	19	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Benzo(a)pyrene	ND		190	27	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Benzo(b)fluoranthene	ND		190	30	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Benzo(g,h,i)perylene	ND		190	20	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Benzo(k)fluoranthene	ND		190	24	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Biphenyl	ND		190	27	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
bis (2-chloroisopropyl) ether	ND		190	37	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Bis(2-chloroethoxy)methane	ND		190	40	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Bis(2-chloroethyl)ether	ND		190	24	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Bis(2-ethylhexyl) phthalate	ND		190	64	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Butyl benzyl phthalate	ND		190	31	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Caprolactam	ND		190	56	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Carbazole	ND		190	22	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Chrysene	ND		190	42	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Dibenz(a,h)anthracene	ND		190	33	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-76309-1

Client Sample ID: S-6
Date Collected: 03/04/15 14:25
Date Received: 03/09/15 12:30

Lab Sample ID: 480-76309-2
Matrix: Solid
Percent Solids: 88.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		190	22	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Diethyl phthalate	ND		190	24	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Dimethyl phthalate	ND		190	22	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Di-n-butyl phthalate	ND		190	32	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Di-n-octyl phthalate	ND		190	22	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Fluoranthene	ND		190	20	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Fluorene	ND		190	22	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Hexachlorobenzene	ND		190	25	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Hexachlorobutadiene	ND		190	27	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Hexachlorocyclopentadiene	ND		190	25	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Hexachloroethane	ND		190	24	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Indeno(1,2,3-cd)pyrene	ND		190	23	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Isophorone	ND		190	40	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Naphthalene	ND		190	24	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Nitrobenzene	ND		190	21	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
N-Nitrosodi-n-propylamine	ND		190	32	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
N-Nitrosodiphenylamine	ND		190	150	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Pentachlorophenol	ND		360	190	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Phenanthrene	ND		190	27	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Phenol	ND		190	29	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1
Pyrene	ND		190	22	ug/Kg	☼	03/10/15 07:48	03/11/15 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*98*		*39 - 146*	*03/10/15 07:48*	*03/11/15 19:52*	*1*
2-Fluorobiphenyl	*88*		*37 - 120*	*03/10/15 07:48*	*03/11/15 19:52*	*1*
2-Fluorophenol	*80*		*18 - 120*	*03/10/15 07:48*	*03/11/15 19:52*	*1*
Nitrobenzene-d5	*79*		*34 - 132*	*03/10/15 07:48*	*03/11/15 19:52*	*1*
Phenol-d5	*87*		*11 - 120*	*03/10/15 07:48*	*03/11/15 19:52*	*1*
p-Terphenyl-d14	*105*		*65 - 153*	*03/10/15 07:48*	*03/11/15 19:52*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		1.9	0.36	ug/Kg	☼	03/10/15 07:54	03/11/15 18:31	1
4,4'-DDE	ND		1.9	0.39	ug/Kg	☼	03/10/15 07:54	03/11/15 18:31	1
4,4'-DDT	ND		1.9	0.44	ug/Kg	☼	03/10/15 07:54	03/11/15 18:31	1
Aldrin	ND		1.9	0.46	ug/Kg	☼	03/10/15 07:54	03/11/15 18:31	1
alpha-BHC	**1.1**	**J**	1.9	0.33	ug/Kg	☼	03/10/15 07:54	03/11/15 18:31	1
alpha-Chlordane	ND		1.9	0.93	ug/Kg	☼	03/10/15 07:54	03/11/15 18:31	1
beta-BHC	ND		1.9	0.33	ug/Kg	☼	03/10/15 07:54	03/11/15 18:31	1
delta-BHC	**0.44**	**J**	1.9	0.35	ug/Kg	☼	03/10/15 07:54	03/11/15 18:31	1
Dieldrin	ND		1.9	0.45	ug/Kg	☼	03/10/15 07:54	03/11/15 18:31	1
Endosulfan I	ND		1.9	0.36	ug/Kg	☼	03/10/15 07:54	03/11/15 18:31	1
Endosulfan II	ND		1.9	0.33	ug/Kg	☼	03/10/15 07:54	03/11/15 18:31	1
Endosulfan sulfate	ND		1.9	0.35	ug/Kg	☼	03/10/15 07:54	03/11/15 18:31	1
Endrin	ND		1.9	0.37	ug/Kg	☼	03/10/15 07:54	03/11/15 18:31	1
Endrin aldehyde	**0.65**	**J**	1.9	0.48	ug/Kg	☼	03/10/15 07:54	03/11/15 18:31	1
Endrin ketone	**0.53**	**J**	1.9	0.46	ug/Kg	☼	03/10/15 07:54	03/11/15 18:31	1
gamma-BHC (Lindane)	ND		1.9	0.34	ug/Kg	☼	03/10/15 07:54	03/11/15 18:31	1
gamma-Chlordane	ND		1.9	0.59	ug/Kg	☼	03/10/15 07:54	03/11/15 18:31	1
Heptachlor	ND		1.9	0.40	ug/Kg	☼	03/10/15 07:54	03/11/15 18:31	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-76309-1

Client Sample ID: S-6
Date Collected: 03/04/15 14:25
Date Received: 03/09/15 12:30

Lab Sample ID: 480-76309-2
Matrix: Solid
Percent Solids: 88.8

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		1.9	0.48	ug/Kg	☼	03/10/15 07:54	03/11/15 18:31	1
Methoxychlor	ND		1.9	0.38	ug/Kg	☼	03/10/15 07:54	03/11/15 18:31	1
Toxaphene	ND		19	11	ug/Kg	☼	03/10/15 07:54	03/11/15 18:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*90*		*32 - 136*	*03/10/15 07:54*	*03/11/15 18:31*	*1*
DCB Decachlorobiphenyl	*98*		*32 - 136*	*03/10/15 07:54*	*03/11/15 18:31*	*1*
Tetrachloro-m-xylene	*84*		*30 - 124*	*03/10/15 07:54*	*03/11/15 18:31*	*1*
Tetrachloro-m-xylene	*60*		*30 - 124*	*03/10/15 07:54*	*03/11/15 18:31*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		230	44	ug/Kg	☼	03/10/15 07:58	03/11/15 14:02	1
PCB-1221	ND		230	44	ug/Kg	☼	03/10/15 07:58	03/11/15 14:02	1
PCB-1232	ND		230	44	ug/Kg	☼	03/10/15 07:58	03/11/15 14:02	1
PCB-1242	ND		230	44	ug/Kg	☼	03/10/15 07:58	03/11/15 14:02	1
PCB-1248	ND		230	44	ug/Kg	☼	03/10/15 07:58	03/11/15 14:02	1
PCB-1254	ND		230	110	ug/Kg	☼	03/10/15 07:58	03/11/15 14:02	1
PCB-1260	ND		230	110	ug/Kg	☼	03/10/15 07:58	03/11/15 14:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*122*		*47 - 176*	*03/10/15 07:58*	*03/11/15 14:02*	*1*
DCB Decachlorobiphenyl	*111*		*47 - 176*	*03/10/15 07:58*	*03/11/15 14:02*	*1*
Tetrachloro-m-xylene	*97*		*46 - 175*	*03/10/15 07:58*	*03/11/15 14:02*	*1*
Tetrachloro-m-xylene	*100*		*46 - 175*	*03/10/15 07:58*	*03/11/15 14:02*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.3		mg/Kg	☼	03/10/15 11:20	03/11/15 12:09	1
Barium	**22.0**		0.57		mg/Kg	☼	03/10/15 11:20	03/11/15 12:09	1
Cadmium	ND		0.23		mg/Kg	☼	03/10/15 11:20	03/11/15 12:09	1
Chromium	**113**		0.57		mg/Kg	☼	03/10/15 11:20	03/11/15 12:09	1
Lead	**3.6**		1.1		mg/Kg	☼	03/10/15 11:20	03/11/15 12:09	1
Selenium	ND		4.6		mg/Kg	☼	03/10/15 11:20	03/11/15 12:09	1
Silver	ND		0.69		mg/Kg	☼	03/10/15 11:20	03/11/15 12:09	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		0.021		mg/Kg	☼	03/10/15 09:40	03/10/15 11:38	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-76309-1

Client Sample ID: S-7
Date Collected: 03/04/15 14:30
Date Received: 03/09/15 12:30

Lab Sample ID: 480-76309-3
Matrix: Solid
Percent Solids: 81.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.0	0.44	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
1,1,2,2-Tetrachloroethane	ND		6.0	0.98	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.0	1.4	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
1,1,2-Trichloroethane	ND		6.0	0.78	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
1,1-Dichloroethane	ND		6.0	0.73	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
1,1-Dichloroethene	ND		6.0	0.74	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
1,2,4-Trichlorobenzene	ND		6.0	0.37	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
1,2-Dibromo-3-Chloropropane	ND		6.0	3.0	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
1,2-Dibromoethane	ND		6.0	0.77	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
1,2-Dichlorobenzene	ND		6.0	0.47	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
1,2-Dichloroethane	ND		6.0	0.30	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
1,2-Dichloropropane	ND		6.0	3.0	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
1,3-Dichlorobenzene	ND		6.0	0.31	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
1,4-Dichlorobenzene	**1.6**	**J**	6.0	0.84	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
2-Butanone (MEK)	ND	*	30	2.2	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
2-Hexanone	ND		30	3.0	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
4-Methyl-2-pentanone (MIBK)	ND		30	2.0	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
Acetone	ND	*	30	5.1	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
Benzene	ND		6.0	0.29	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
Bromodichloromethane	ND		6.0	0.81	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
Bromoform	ND		6.0	3.0	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
Bromomethane	ND		6.0	0.54	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
Carbon disulfide	ND		6.0	3.0	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
Carbon tetrachloride	ND		6.0	0.58	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
Chlorobenzene	ND		6.0	0.79	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
Chloroethane	ND		6.0	1.4	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
Chloroform	ND		6.0	0.37	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
Chloromethane	ND		6.0	0.36	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
cis-1,2-Dichloroethene	ND		6.0	0.77	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
cis-1,3-Dichloropropene	ND		6.0	0.87	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
Cyclohexane	ND		6.0	0.84	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
Dibromochloromethane	ND		6.0	0.77	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
Dichlorodifluoromethane	ND		6.0	0.50	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
Ethylbenzene	ND		6.0	0.41	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
Isopropylbenzene	ND		6.0	0.91	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
Methyl acetate	ND		6.0	3.6	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
Methyl tert-butyl ether	ND		6.0	0.59	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
Methylcyclohexane	ND		6.0	0.91	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
Methylene Chloride	**3.9**	**J**	6.0	2.8	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
Styrene	ND		6.0	0.30	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
Tetrachloroethene	ND		6.0	0.81	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
Toluene	ND		6.0	0.45	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
trans-1,2-Dichloroethene	ND		6.0	0.62	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
trans-1,3-Dichloropropene	ND		6.0	2.6	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
Trichloroethene	ND		6.0	1.3	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
Trichlorofluoromethane	ND		6.0	0.57	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
Vinyl chloride	ND		6.0	0.73	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1
Xylenes, Total	ND		12	1.0	ug/Kg	☼	03/11/15 12:06	03/11/15 16:35	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-76309-1

Client Sample ID: S-7
Date Collected: 03/04/15 14:30
Date Received: 03/09/15 12:30

Lab Sample ID: 480-76309-3
Matrix: Solid
Percent Solids: 81.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	78		64 - 126	03/11/15 12:06	03/11/15 16:35	1
4-Bromofluorobenzene (Surr)	84		72 - 126	03/11/15 12:06	03/11/15 16:35	1
Toluene-d8 (Surr)	102		71 - 125	03/11/15 12:06	03/11/15 16:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		1000	280	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
2,4,6-Trichlorophenol	ND		1000	210	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
2,4-Dichlorophenol	ND		1000	110	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
2,4-Dimethylphenol	ND		1000	250	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
2,4-Dinitrophenol	ND		2000	620	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
2,4-Dinitrotoluene	ND		1000	210	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
2,6-Dinitrotoluene	ND		1000	120	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
2-Chloronaphthalene	ND		1000	170	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
2-Chlorophenol	ND		1000	190	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
2-Methylnaphthalene	ND		1000	210	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
2-Methylphenol	ND		1000	120	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
2-Nitroaniline	ND		2000	150	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
2-Nitrophenol	ND		1000	290	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
3,3'-Dichlorobenzidine	ND		2000	1200	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
3-Nitroaniline	ND		2000	280	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
4,6-Dinitro-2-methylphenol	ND		2000	1000	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
4-Bromophenyl phenyl ether	ND		1000	140	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
4-Chloro-3-methylphenol	ND		1000	250	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
4-Chloroaniline	ND	*	1000	250	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
4-Chlorophenyl phenyl ether	ND		1000	130	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
4-Methylphenol	ND		2000	120	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
4-Nitroaniline	ND		2000	540	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
4-Nitrophenol	ND		2000	720	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Acenaphthene	ND		1000	150	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Acenaphthylene	ND		1000	130	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Acetophenone	ND		1000	140	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Anthracene	ND		1000	250	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Atrazine	ND		1000	360	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Benzaldehyde	ND		1000	810	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Benzo(a)anthracene	ND		1000	100	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Benzo(a)pyrene	ND		1000	150	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Benzo(b)fluoranthene	ND		1000	160	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Benzo(g,h,i)perylene	ND		1000	110	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Benzo(k)fluoranthene	ND		1000	130	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Biphenyl	ND		1000	150	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
bis (2-chloroisopropyl) ether	ND		1000	210	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Bis(2-chloroethoxy)methane	ND		1000	220	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Bis(2-chloroethyl)ether	ND		1000	130	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Bis(2-ethylhexyl) phthalate	ND		1000	350	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Butyl benzyl phthalate	ND		1000	170	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Caprolactam	ND		1000	310	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Carbazole	ND		1000	120	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Chrysene	ND		1000	230	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Dibenz(a,h)anthracene	ND		1000	180	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-76309-1

Client Sample ID: S-7
Date Collected: 03/04/15 14:30
Date Received: 03/09/15 12:30

Lab Sample ID: 480-76309-3
Matrix: Solid
Percent Solids: 81.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		1000	120	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Diethyl phthalate	ND		1000	130	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Dimethyl phthalate	ND		1000	120	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Di-n-butyl phthalate	ND		1000	180	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Di-n-octyl phthalate	ND		1000	120	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Fluoranthene	ND		1000	110	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Fluorene	ND		1000	120	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Hexachlorobenzene	ND		1000	140	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Hexachlorobutadiene	ND		1000	150	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Hexachlorocyclopentadiene	ND		1000	140	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Hexachloroethane	ND		1000	130	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Indeno(1,2,3-cd)pyrene	ND		1000	130	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Isophorone	ND		1000	220	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Naphthalene	ND		1000	130	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Nitrobenzene	ND		1000	110	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
N-Nitrosodi-n-propylamine	ND		1000	180	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
N-Nitrosodiphenylamine	ND		1000	830	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Pentachlorophenol	ND		2000	1000	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Phenanthrene	ND		1000	150	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Phenol	ND		1000	160	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5
Pyrene	ND		1000	120	ug/Kg	☼	03/10/15 07:48	03/12/15 14:48	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*69*		*39 - 146*	*03/10/15 07:48*	*03/12/15 14:48*	*5*
2-Fluorobiphenyl	*81*		*37 - 120*	*03/10/15 07:48*	*03/12/15 14:48*	*5*
2-Fluorophenol	*64*		*18 - 120*	*03/10/15 07:48*	*03/12/15 14:48*	*5*
Nitrobenzene-d5	*69*		*34 - 132*	*03/10/15 07:48*	*03/12/15 14:48*	*5*
Phenol-d5	*70*		*11 - 120*	*03/10/15 07:48*	*03/12/15 14:48*	*5*
p-Terphenyl-d14	*87*		*65 - 153*	*03/10/15 07:48*	*03/12/15 14:48*	*5*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.0	0.78	ug/Kg	☼	03/10/15 07:54	03/11/15 18:49	2
4,4'-DDE	ND		4.0	0.84	ug/Kg	☼	03/10/15 07:54	03/11/15 18:49	2
4,4'-DDT	ND		4.0	0.94	ug/Kg	☼	03/10/15 07:54	03/11/15 18:49	2
Aldrin	ND		4.0	0.99	ug/Kg	☼	03/10/15 07:54	03/11/15 18:49	2
alpha-BHC	ND		4.0	0.72	ug/Kg	☼	03/10/15 07:54	03/11/15 18:49	2
alpha-Chlordane	ND		4.0	2.0	ug/Kg	☼	03/10/15 07:54	03/11/15 18:49	2
beta-BHC	ND		4.0	0.72	ug/Kg	☼	03/10/15 07:54	03/11/15 18:49	2
delta-BHC	ND		4.0	0.75	ug/Kg	☼	03/10/15 07:54	03/11/15 18:49	2
Dieldrin	ND		4.0	0.96	ug/Kg	☼	03/10/15 07:54	03/11/15 18:49	2
Endosulfan I	ND		4.0	0.77	ug/Kg	☼	03/10/15 07:54	03/11/15 18:49	2
Endosulfan II	ND		4.0	0.72	ug/Kg	☼	03/10/15 07:54	03/11/15 18:49	2
Endosulfan sulfate	ND		4.0	0.75	ug/Kg	☼	03/10/15 07:54	03/11/15 18:49	2
Endrin	ND		4.0	0.79	ug/Kg	☼	03/10/15 07:54	03/11/15 18:49	2
Endrin aldehyde	**1.1**	**J**	4.0	1.0	ug/Kg	☼	03/10/15 07:54	03/11/15 18:49	2
Endrin ketone	ND		4.0	0.99	ug/Kg	☼	03/10/15 07:54	03/11/15 18:49	2
gamma-BHC (Lindane)	ND		4.0	0.74	ug/Kg	☼	03/10/15 07:54	03/11/15 18:49	2
gamma-Chlordane	ND		4.0	1.3	ug/Kg	☼	03/10/15 07:54	03/11/15 18:49	2
Heptachlor	ND		4.0	0.87	ug/Kg	☼	03/10/15 07:54	03/11/15 18:49	2

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-76309-1

Client Sample ID: S-7
Date Collected: 03/04/15 14:30
Date Received: 03/09/15 12:30

Lab Sample ID: 480-76309-3
Matrix: Solid
Percent Solids: 81.7

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		4.0	1.0	ug/Kg	☼	03/10/15 07:54	03/11/15 18:49	2
Methoxychlor	ND		4.0	0.82	ug/Kg	☼	03/10/15 07:54	03/11/15 18:49	2
Toxaphene	ND		40	23	ug/Kg	☼	03/10/15 07:54	03/11/15 18:49	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*85*		*32 - 136*	*03/10/15 07:54*	*03/11/15 18:49*	*2*
DCB Decachlorobiphenyl	*91*		*32 - 136*	*03/10/15 07:54*	*03/11/15 18:49*	*2*
Tetrachloro-m-xylene	*84*		*30 - 124*	*03/10/15 07:54*	*03/11/15 18:49*	*2*
Tetrachloro-m-xylene	*71*		*30 - 124*	*03/10/15 07:54*	*03/11/15 18:49*	*2*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210	42	ug/Kg	☼	03/10/15 07:58	03/11/15 14:17	1
PCB-1221	ND		210	42	ug/Kg	☼	03/10/15 07:58	03/11/15 14:17	1
PCB-1232	ND		210	42	ug/Kg	☼	03/10/15 07:58	03/11/15 14:17	1
PCB-1242	ND		210	42	ug/Kg	☼	03/10/15 07:58	03/11/15 14:17	1
PCB-1248	ND		210	42	ug/Kg	☼	03/10/15 07:58	03/11/15 14:17	1
PCB-1254	ND		210	100	ug/Kg	☼	03/10/15 07:58	03/11/15 14:17	1
PCB-1260	ND		210	100	ug/Kg	☼	03/10/15 07:58	03/11/15 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*115*		*47 - 176*	*03/10/15 07:58*	*03/11/15 14:17*	*1*
DCB Decachlorobiphenyl	*106*		*47 - 176*	*03/10/15 07:58*	*03/11/15 14:17*	*1*
Tetrachloro-m-xylene	*99*		*46 - 175*	*03/10/15 07:58*	*03/11/15 14:17*	*1*
Tetrachloro-m-xylene	*99*		*46 - 175*	*03/10/15 07:58*	*03/11/15 14:17*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.6		mg/Kg	☼	03/10/15 11:20	03/11/15 12:20	1
Barium	**16.1**		0.64		mg/Kg	☼	03/10/15 11:20	03/11/15 12:20	1
Cadmium	ND		0.26		mg/Kg	☼	03/10/15 11:20	03/11/15 12:20	1
Chromium	**7.8**		0.64		mg/Kg	☼	03/10/15 11:20	03/11/15 12:20	1
Lead	**2.5**		1.3		mg/Kg	☼	03/10/15 11:20	03/11/15 12:20	1
Selenium	ND		5.1		mg/Kg	☼	03/10/15 11:20	03/11/15 12:20	1
Silver	ND		0.77		mg/Kg	☼	03/10/15 11:20	03/11/15 12:20	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		0.025		mg/Kg	☼	03/10/15 09:40	03/10/15 11:40	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-76309-1

Client Sample ID: S-8
Date Collected: 03/04/15 14:35
Date Received: 03/09/15 12:30

Lab Sample ID: 480-76309-4
Matrix: Solid
Percent Solids: 76.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.4	0.46	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
1,1,2,2-Tetrachloroethane	ND		6.4	1.0	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.4	1.4	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
1,1,2-Trichloroethane	ND		6.4	0.83	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
1,1-Dichloroethane	ND		6.4	0.78	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
1,1-Dichloroethene	ND		6.4	0.78	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
1,2,4-Trichlorobenzene	ND		6.4	0.39	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
1,2-Dibromo-3-Chloropropane	ND		6.4	3.2	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
1,2-Dibromoethane	ND		6.4	0.82	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
1,2-Dichlorobenzene	ND		6.4	0.50	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
1,2-Dichloroethane	ND		6.4	0.32	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
1,2-Dichloropropane	ND		6.4	3.2	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
1,3-Dichlorobenzene	ND		6.4	0.33	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
1,4-Dichlorobenzene	**2.7**	**J**	6.4	0.89	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
2-Butanone (MEK)	ND	*	32	2.3	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
2-Hexanone	ND		32	3.2	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
4-Methyl-2-pentanone (MIBK)	ND		32	2.1	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
Acetone	ND	*	32	5.3	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
Benzene	ND		6.4	0.31	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
Bromodichloromethane	ND		6.4	0.85	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
Bromoform	ND		6.4	3.2	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
Bromomethane	ND		6.4	0.57	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
Carbon disulfide	ND		6.4	3.2	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
Carbon tetrachloride	ND		6.4	0.62	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
Chlorobenzene	ND		6.4	0.84	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
Chloroethane	ND		6.4	1.4	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
Chloroform	ND		6.4	0.39	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
Chloromethane	ND		6.4	0.38	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
cis-1,2-Dichloroethene	ND		6.4	0.81	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
cis-1,3-Dichloropropene	ND		6.4	0.91	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
Cyclohexane	ND		6.4	0.89	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
Dibromochloromethane	ND		6.4	0.81	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
Dichlorodifluoromethane	ND		6.4	0.52	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
Ethylbenzene	ND		6.4	0.44	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
Isopropylbenzene	ND		6.4	0.96	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
Methyl acetate	ND		6.4	3.8	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
Methyl tert-butyl ether	ND		6.4	0.62	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
Methylcyclohexane	ND		6.4	0.97	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
Methylene Chloride	ND		6.4	2.9	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
Styrene	ND		6.4	0.32	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
Tetrachloroethene	ND		6.4	0.85	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
Toluene	ND		6.4	0.48	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
trans-1,2-Dichloroethene	ND		6.4	0.66	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
trans-1,3-Dichloropropene	ND		6.4	2.8	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
Trichloroethene	ND		6.4	1.4	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
Trichlorofluoromethane	ND		6.4	0.60	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
Vinyl chloride	ND		6.4	0.78	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1
Xylenes, Total	ND		13	1.1	ug/Kg	☼	03/11/15 12:06	03/11/15 17:01	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-76309-1

Client Sample ID: S-8
Date Collected: 03/04/15 14:35
Date Received: 03/09/15 12:30

Lab Sample ID: 480-76309-4
Matrix: Solid
Percent Solids: 76.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	77		64 - 126	03/11/15 12:06	03/11/15 17:01	1
4-Bromofluorobenzene (Surr)	87		72 - 126	03/11/15 12:06	03/11/15 17:01	1
Toluene-d8 (Surr)	102		71 - 125	03/11/15 12:06	03/11/15 17:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		220	58	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
2,4,6-Trichlorophenol	ND		220	43	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
2,4-Dichlorophenol	ND		220	23	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
2,4-Dimethylphenol	ND		220	52	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
2,4-Dinitrophenol	ND		420	130	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
2,4-Dinitrotoluene	ND		220	44	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
2,6-Dinitrotoluene	ND		220	25	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
2-Chloronaphthalene	ND		220	36	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
2-Chlorophenol	ND		220	39	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
2-Methylnaphthalene	ND		220	43	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
2-Methylphenol	ND		220	25	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
2-Nitroaniline	ND		420	32	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
2-Nitrophenol	ND		220	61	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
3,3'-Dichlorobenzidine	ND		420	250	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
3-Nitroaniline	ND		420	60	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
4,6-Dinitro-2-methylphenol	ND		420	220	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
4-Bromophenyl phenyl ether	ND		220	30	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
4-Chloro-3-methylphenol	ND		220	53	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
4-Chloroaniline	ND	*	220	53	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
4-Chlorophenyl phenyl ether	ND		220	27	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
4-Methylphenol	ND		420	25	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
4-Nitroaniline	ND		420	110	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
4-Nitrophenol	ND		420	150	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Acenaphthene	ND		220	32	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Acenaphthylene	ND		220	28	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Acetophenone	ND		220	29	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Anthracene	ND		220	53	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Atrazine	ND		220	75	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Benzaldehyde	ND		220	170	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Benzo(a)anthracene	ND		220	22	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Benzo(a)pyrene	ND		220	32	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Benzo(b)fluoranthene	ND		220	34	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Benzo(g,h,i)perylene	ND		220	23	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Benzo(k)fluoranthene	ND		220	28	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Biphenyl	ND		220	32	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
bis (2-chloroisopropyl) ether	ND		220	43	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Bis(2-chloroethoxy)methane	ND		220	46	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Bis(2-chloroethyl)ether	ND		220	28	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Bis(2-ethylhexyl) phthalate	**110**	**J**	220	74	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Butyl benzyl phthalate	ND		220	36	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Caprolactam	ND		220	65	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Carbazole	ND		220	25	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Chrysene	ND		220	48	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Dibenz(a,h)anthracene	ND		220	38	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-76309-1

Client Sample ID: S-8
Date Collected: 03/04/15 14:35
Date Received: 03/09/15 12:30

Lab Sample ID: 480-76309-4
Matrix: Solid
Percent Solids: 76.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		220	25	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Diethyl phthalate	ND		220	28	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Dimethyl phthalate	ND		220	25	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Di-n-butyl phthalate	ND		220	37	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Di-n-octyl phthalate	ND		220	25	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Fluoranthene	ND		220	23	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Fluorene	ND		220	25	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Hexachlorobenzene	ND		220	29	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Hexachlorobutadiene	ND		220	32	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Hexachlorocyclopentadiene	ND		220	29	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Hexachloroethane	ND		220	28	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Indeno(1,2,3-cd)pyrene	ND		220	27	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Isophorone	ND		220	46	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Naphthalene	ND		220	28	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Nitrobenzene	ND		220	24	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
N-Nitrosodi-n-propylamine	ND		220	37	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
N-Nitrosodiphenylamine	ND		220	180	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Pentachlorophenol	ND		420	220	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Phenanthrene	ND		220	32	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Phenol	ND		220	33	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1
Pyrene	ND		220	25	ug/Kg	☼	03/10/15 07:48	03/11/15 20:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*89*		*39 - 146*	*03/10/15 07:48*	*03/11/15 20:40*	*1*
2-Fluorobiphenyl	*79*		*37 - 120*	*03/10/15 07:48*	*03/11/15 20:40*	*1*
2-Fluorophenol	*70*		*18 - 120*	*03/10/15 07:48*	*03/11/15 20:40*	*1*
Nitrobenzene-d5	*71*		*34 - 132*	*03/10/15 07:48*	*03/11/15 20:40*	*1*
Phenol-d5	*75*		*11 - 120*	*03/10/15 07:48*	*03/11/15 20:40*	*1*
p-Terphenyl-d14	*94*		*65 - 153*	*03/10/15 07:48*	*03/11/15 20:40*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		2.2	0.42	ug/Kg	☼	03/10/15 07:54	03/11/15 19:06	1
4,4'-DDE	ND		2.2	0.45	ug/Kg	☼	03/10/15 07:54	03/11/15 19:06	1
4,4'-DDT	ND		2.2	0.50	ug/Kg	☼	03/10/15 07:54	03/11/15 19:06	1
Aldrin	ND		2.2	0.53	ug/Kg	☼	03/10/15 07:54	03/11/15 19:06	1
alpha-BHC	ND		2.2	0.39	ug/Kg	☼	03/10/15 07:54	03/11/15 19:06	1
alpha-Chlordane	ND		2.2	1.1	ug/Kg	☼	03/10/15 07:54	03/11/15 19:06	1
beta-BHC	ND		2.2	0.39	ug/Kg	☼	03/10/15 07:54	03/11/15 19:06	1
delta-BHC	ND		2.2	0.40	ug/Kg	☼	03/10/15 07:54	03/11/15 19:06	1
Dieldrin	ND		2.2	0.52	ug/Kg	☼	03/10/15 07:54	03/11/15 19:06	1
Endosulfan I	ND		2.2	0.41	ug/Kg	☼	03/10/15 07:54	03/11/15 19:06	1
Endosulfan II	ND		2.2	0.39	ug/Kg	☼	03/10/15 07:54	03/11/15 19:06	1
Endosulfan sulfate	ND		2.2	0.40	ug/Kg	☼	03/10/15 07:54	03/11/15 19:06	1
Endrin	ND		2.2	0.43	ug/Kg	☼	03/10/15 07:54	03/11/15 19:06	1
Endrin aldehyde	ND		2.2	0.55	ug/Kg	☼	03/10/15 07:54	03/11/15 19:06	1
Endrin ketone	**0.65**	**J**	2.2	0.53	ug/Kg	☼	03/10/15 07:54	03/11/15 19:06	1
gamma-BHC (Lindane)	ND		2.2	0.40	ug/Kg	☼	03/10/15 07:54	03/11/15 19:06	1
gamma-Chlordane	ND		2.2	0.68	ug/Kg	☼	03/10/15 07:54	03/11/15 19:06	1
Heptachlor	ND		2.2	0.47	ug/Kg	☼	03/10/15 07:54	03/11/15 19:06	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-76309-1

Client Sample ID: S-8
Date Collected: 03/04/15 14:35
Date Received: 03/09/15 12:30

Lab Sample ID: 480-76309-4
Matrix: Solid
Percent Solids: 76.7

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		2.2	0.56	ug/Kg	☼	03/10/15 07:54	03/11/15 19:06	1
Methoxychlor	ND		2.2	0.44	ug/Kg	☼	03/10/15 07:54	03/11/15 19:06	1
Toxaphene	ND		22	13	ug/Kg	☼	03/10/15 07:54	03/11/15 19:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*82*		*32 - 136*	*03/10/15 07:54*	*03/11/15 19:06*	*1*
DCB Decachlorobiphenyl	*90*		*32 - 136*	*03/10/15 07:54*	*03/11/15 19:06*	*1*
Tetrachloro-m-xylene	*82*		*30 - 124*	*03/10/15 07:54*	*03/11/15 19:06*	*1*
Tetrachloro-m-xylene	*62*		*30 - 124*	*03/10/15 07:54*	*03/11/15 19:06*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220	43	ug/Kg	☼	03/10/15 07:58	03/11/15 14:32	1
PCB-1221	ND		220	43	ug/Kg	☼	03/10/15 07:58	03/11/15 14:32	1
PCB-1232	ND		220	43	ug/Kg	☼	03/10/15 07:58	03/11/15 14:32	1
PCB-1242	ND		220	43	ug/Kg	☼	03/10/15 07:58	03/11/15 14:32	1
PCB-1248	ND		220	43	ug/Kg	☼	03/10/15 07:58	03/11/15 14:32	1
PCB-1254	ND		220	100	ug/Kg	☼	03/10/15 07:58	03/11/15 14:32	1
PCB-1260	ND		220	100	ug/Kg	☼	03/10/15 07:58	03/11/15 14:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*116*		*47 - 176*	*03/10/15 07:58*	*03/11/15 14:32*	*1*
DCB Decachlorobiphenyl	*109*		*47 - 176*	*03/10/15 07:58*	*03/11/15 14:32*	*1*
Tetrachloro-m-xylene	*95*		*46 - 175*	*03/10/15 07:58*	*03/11/15 14:32*	*1*
Tetrachloro-m-xylene	*99*		*46 - 175*	*03/10/15 07:58*	*03/11/15 14:32*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.4		mg/Kg	☼	03/10/15 11:20	03/11/15 12:22	1
Barium	**10.8**		0.59		mg/Kg	☼	03/10/15 11:20	03/11/15 12:22	1
Cadmium	ND		0.24		mg/Kg	☼	03/10/15 11:20	03/11/15 12:22	1
Chromium	**7.2**		0.59		mg/Kg	☼	03/10/15 11:20	03/11/15 12:22	1
Lead	**4.0**		1.2		mg/Kg	☼	03/10/15 11:20	03/11/15 12:22	1
Selenium	ND		4.8		mg/Kg	☼	03/10/15 11:20	03/11/15 12:22	1
Silver	ND		0.71		mg/Kg	☼	03/10/15 11:20	03/11/15 12:22	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		0.026		mg/Kg	☼	03/10/15 09:40	03/10/15 11:42	1

Client Sample ID: BOTTOM-3
Date Collected: 03/05/15 09:00
Date Received: 03/09/15 12:30

Lab Sample ID: 480-76309-5
Matrix: Solid
Percent Solids: 83.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.9	0.43	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
1,1,2,2-Tetrachloroethane	ND		5.9	0.95	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.9	1.3	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
1,1,2-Trichloroethane	ND		5.9	0.76	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
1,1-Dichloroethane	ND		5.9	0.72	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
1,1-Dichloroethene	ND		5.9	0.72	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
1,2,4-Trichlorobenzene	ND		5.9	0.36	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
1,2-Dibromo-3-Chloropropane	ND		5.9	2.9	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
1,2-Dibromoethane	ND		5.9	0.75	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
1,2-Dichlorobenzene	ND		5.9	0.46	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
1,2-Dichloroethane	ND		5.9	0.29	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
1,2-Dichloropropane	ND		5.9	2.9	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
1,3-Dichlorobenzene	ND		5.9	0.30	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
1,4-Dichlorobenzene	ND		5.9	0.82	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
2-Butanone (MEK)	ND	*	29	2.1	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
2-Hexanone	ND		29	2.9	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
4-Methyl-2-pentanone (MIBK)	ND		29	1.9	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
Acetone	**22**	**J B ***	29	4.9	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
Benzene	ND		5.9	0.29	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
Bromodichloromethane	ND		5.9	0.79	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
Bromoform	ND		5.9	2.9	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
Bromomethane	ND		5.9	0.53	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
Carbon disulfide	ND		5.9	2.9	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
Carbon tetrachloride	ND		5.9	0.57	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
Chlorobenzene	ND		5.9	0.78	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
Chloroethane	ND		5.9	1.3	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
Chloroform	ND		5.9	0.36	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
Chloromethane	ND		5.9	0.35	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
cis-1,2-Dichloroethene	ND		5.9	0.75	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
cis-1,3-Dichloropropene	ND		5.9	0.85	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
Cyclohexane	ND		5.9	0.82	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
Dibromochloromethane	ND		5.9	0.75	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
Dichlorodifluoromethane	ND		5.9	0.49	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
Ethylbenzene	ND		5.9	0.41	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
Isopropylbenzene	ND		5.9	0.89	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
Methyl acetate	ND		5.9	3.5	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
Methyl tert-butyl ether	ND		5.9	0.58	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
Methylcyclohexane	ND		5.9	0.89	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
Methylene Chloride	**5.4**	**J**	5.9	2.7	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
Styrene	ND		5.9	0.29	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
Tetrachloroethene	ND		5.9	0.79	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
Toluene	ND		5.9	0.44	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
trans-1,2-Dichloroethene	ND		5.9	0.61	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
trans-1,3-Dichloropropene	ND		5.9	2.6	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
Trichloroethene	ND		5.9	1.3	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
Trichlorofluoromethane	ND		5.9	0.56	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
Vinyl chloride	ND		5.9	0.72	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1
Xylenes, Total	ND		12	0.99	ug/Kg	☼	03/11/15 12:06	03/11/15 17:27	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-76309-1

Client Sample ID: BOTTOM-3
Date Collected: 03/05/15 09:00
Date Received: 03/09/15 12:30

Lab Sample ID: 480-76309-5
Matrix: Solid
Percent Solids: 83.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	76		64 - 126	03/11/15 12:06	03/11/15 17:27	1
4-Bromofluorobenzene (Surr)	86		72 - 126	03/11/15 12:06	03/11/15 17:27	1
Toluene-d8 (Surr)	101		71 - 125	03/11/15 12:06	03/11/15 17:27	1

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	☼	03/10/15 07:48	03/11/15 21:04	1
2,4,6-Trichlorophenol	ND		200	40	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
2,4-Dichlorophenol	ND		200	21	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
2,4-Dimethylphenol	ND		200	48	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
2,4-Dinitrophenol	ND		390	120	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
2,4-Dinitrotoluene	ND		200	41	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
2,6-Dinitrotoluene	ND		200	24	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
2-Chloronaphthalene	ND		200	33	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
2-Chlorophenol	ND		200	37	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
2-Methylnaphthalene	ND		200	40	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
2-Methylphenol	ND		200	24	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
2-Nitroaniline	ND		390	29	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
2-Nitrophenol	ND		200	57	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
3,3'-Dichlorobenzidine	ND		390	240	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
3-Nitroaniline	ND		390	55	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
4,6-Dinitro-2-methylphenol	ND		390	200	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
4-Bromophenyl phenyl ether	ND		200	28	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
4-Chloro-3-methylphenol	ND		200	50	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
4-Chloroaniline	ND	*	200	50	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
4-Chlorophenyl phenyl ether	ND		200	25	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
4-Methylphenol	ND		390	24	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
4-Nitroaniline	ND		390	110	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
4-Nitrophenol	ND		390	140	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Acenaphthene	ND		200	29	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Acenaphthylene	ND		200	26	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Acetophenone	ND		200	27	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Anthracene	ND		200	50	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Atrazine	ND		200	70	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Benzaldehyde	ND		200	160	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Benzo(a)anthracene	ND		200	20	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Benzo(a)pyrene	ND		200	29	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Benzo(b)fluoranthene	ND		200	32	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Benzo(g,h,i)perylene	ND		200	21	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Benzo(k)fluoranthene	ND		200	26	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Biphenyl	ND		200	29	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
bis (2-chloroisopropyl) ether	ND		200	40	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Bis(2-chloroethoxy)methane	ND		200	42	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Bis(2-chloroethyl)ether	ND		200	26	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Bis(2-ethylhexyl) phthalate	ND		200	68	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Butyl benzyl phthalate	ND		200	33	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Caprolactam	ND		200	60	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Carbazole	ND		200	24	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Chrysene	ND		200	45	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Dibenz(a,h)anthracene	ND		200	35	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-76309-1

Client Sample ID: BOTTOM-3
Date Collected: 03/05/15 09:00
Date Received: 03/09/15 12:30

Lab Sample ID: 480-76309-5
Matrix: Solid
Percent Solids: 83.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		200	24	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Diethyl phthalate	ND		200	26	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Dimethyl phthalate	ND		200	24	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Di-n-butyl phthalate	ND		200	34	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Di-n-octyl phthalate	ND		200	24	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Fluoranthene	ND		200	21	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Fluorene	ND		200	24	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Hexachlorobenzene	ND		200	27	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Hexachlorobutadiene	ND		200	29	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Hexachlorocyclopentadiene	ND		200	27	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Hexachloroethane	ND		200	26	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Indeno(1,2,3-cd)pyrene	ND		200	25	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Isophorone	ND		200	42	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Naphthalene	ND		200	26	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Nitrobenzene	ND		200	22	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
N-Nitrosodi-n-propylamine	ND		200	34	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
N-Nitrosodiphenylamine	ND		200	160	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Pentachlorophenol	ND		390	200	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Phenanthrene	ND		200	29	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Phenol	ND		200	31	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1
Pyrene	ND		200	24	ug/Kg	☼	03/10/15 07:48	03/11/15 21:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*92*		*39 - 146*	*03/10/15 07:48*	*03/11/15 21:04*	*1*
2-Fluorobiphenyl	*87*		*37 - 120*	*03/10/15 07:48*	*03/11/15 21:04*	*1*
2-Fluorophenol	*84*		*18 - 120*	*03/10/15 07:48*	*03/11/15 21:04*	*1*
Nitrobenzene-d5	*84*		*34 - 132*	*03/10/15 07:48*	*03/11/15 21:04*	*1*
Phenol-d5	*84*		*11 - 120*	*03/10/15 07:48*	*03/11/15 21:04*	*1*
p-Terphenyl-d14	*102*		*65 - 153*	*03/10/15 07:48*	*03/11/15 21:04*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.0	0.77	ug/Kg	☼	03/10/15 07:54	03/11/15 19:24	2
4,4'-DDE	ND		4.0	0.83	ug/Kg	☼	03/10/15 07:54	03/11/15 19:24	2
4,4'-DDT	ND		4.0	0.93	ug/Kg	☼	03/10/15 07:54	03/11/15 19:24	2
Aldrin	ND		4.0	0.97	ug/Kg	☼	03/10/15 07:54	03/11/15 19:24	2
alpha-BHC	ND		4.0	0.71	ug/Kg	☼	03/10/15 07:54	03/11/15 19:24	2
alpha-Chlordane	ND		4.0	2.0	ug/Kg	☼	03/10/15 07:54	03/11/15 19:24	2
beta-BHC	ND		4.0	0.71	ug/Kg	☼	03/10/15 07:54	03/11/15 19:24	2
delta-BHC	ND		4.0	0.74	ug/Kg	☼	03/10/15 07:54	03/11/15 19:24	2
Dieldrin	ND		4.0	0.95	ug/Kg	☼	03/10/15 07:54	03/11/15 19:24	2
Endosulfan I	ND		4.0	0.76	ug/Kg	☼	03/10/15 07:54	03/11/15 19:24	2
Endosulfan II	ND		4.0	0.71	ug/Kg	☼	03/10/15 07:54	03/11/15 19:24	2
Endosulfan sulfate	ND		4.0	0.74	ug/Kg	☼	03/10/15 07:54	03/11/15 19:24	2
Endrin	ND		4.0	0.78	ug/Kg	☼	03/10/15 07:54	03/11/15 19:24	2
Endrin aldehyde	ND		4.0	1.0	ug/Kg	☼	03/10/15 07:54	03/11/15 19:24	2
Endrin ketone	**1.0**	**J**	4.0	0.97	ug/Kg	☼	03/10/15 07:54	03/11/15 19:24	2
gamma-BHC (Lindane)	ND		4.0	0.73	ug/Kg	☼	03/10/15 07:54	03/11/15 19:24	2
gamma-Chlordane	**1.3**	**J**	4.0	1.3	ug/Kg	☼	03/10/15 07:54	03/11/15 19:24	2
Heptachlor	ND		4.0	0.86	ug/Kg	☼	03/10/15 07:54	03/11/15 19:24	2

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-76309-1

Client Sample ID: BOTTOM-3
Date Collected: 03/05/15 09:00
Date Received: 03/09/15 12:30

Lab Sample ID: 480-76309-5
Matrix: Solid
Percent Solids: 83.0

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		4.0	1.0	ug/Kg	☼	03/10/15 07:54	03/11/15 19:24	2
Methoxychlor	ND		4.0	0.81	ug/Kg	☼	03/10/15 07:54	03/11/15 19:24	2
Toxaphene	ND		40	23	ug/Kg	☼	03/10/15 07:54	03/11/15 19:24	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*85*		*32 - 136*	*03/10/15 07:54*	*03/11/15 19:24*	*2*
DCB Decachlorobiphenyl	*89*		*32 - 136*	*03/10/15 07:54*	*03/11/15 19:24*	*2*
Tetrachloro-m-xylene	*84*		*30 - 124*	*03/10/15 07:54*	*03/11/15 19:24*	*2*
Tetrachloro-m-xylene	*69*		*30 - 124*	*03/10/15 07:54*	*03/11/15 19:24*	*2*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210	41	ug/Kg	☼	03/10/15 07:58	03/11/15 14:46	1
PCB-1221	ND		210	41	ug/Kg	☼	03/10/15 07:58	03/11/15 14:46	1
PCB-1232	ND		210	41	ug/Kg	☼	03/10/15 07:58	03/11/15 14:46	1
PCB-1242	ND		210	41	ug/Kg	☼	03/10/15 07:58	03/11/15 14:46	1
PCB-1248	ND		210	41	ug/Kg	☼	03/10/15 07:58	03/11/15 14:46	1
PCB-1254	ND		210	99	ug/Kg	☼	03/10/15 07:58	03/11/15 14:46	1
PCB-1260	ND		210	99	ug/Kg	☼	03/10/15 07:58	03/11/15 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*128*		*47 - 176*	*03/10/15 07:58*	*03/11/15 14:46*	*1*
DCB Decachlorobiphenyl	*118*		*47 - 176*	*03/10/15 07:58*	*03/11/15 14:46*	*1*
Tetrachloro-m-xylene	*104*		*46 - 175*	*03/10/15 07:58*	*03/11/15 14:46*	*1*
Tetrachloro-m-xylene	*108*		*46 - 175*	*03/10/15 07:58*	*03/11/15 14:46*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.3		mg/Kg	☼	03/10/15 11:20	03/11/15 12:25	1
Barium	**12.1**		0.57		mg/Kg	☼	03/10/15 11:20	03/11/15 12:25	1
Cadmium	**0.27**		0.23		mg/Kg	☼	03/10/15 11:20	03/11/15 12:25	1
Chromium	**38.2**		0.57		mg/Kg	☼	03/10/15 11:20	03/11/15 12:25	1
Lead	**2.9**		1.1		mg/Kg	☼	03/10/15 11:20	03/11/15 12:25	1
Selenium	ND		4.6		mg/Kg	☼	03/10/15 11:20	03/11/15 12:25	1
Silver	ND		0.69		mg/Kg	☼	03/10/15 11:20	03/11/15 12:25	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		0.023		mg/Kg	☼	03/10/15 09:40	03/10/15 11:44	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-76309-1

Client Sample ID: S-5

Lab Sample ID: 480-76309-1
Date Collected: 03/04/15 13:15
Matrix: Solid
Date Received: 03/09/15 12:30
Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			229930	03/11/15 12:06	RAS	TAL BUF
Total/NA	Analysis	8260C		1	229936	03/11/15 15:44	CDC	TAL BUF
Total/NA	Prep	3550C			229725	03/10/15 07:48	JLS	TAL BUF
Total/NA	Analysis	8270D		5	229891	03/11/15 19:28	LMW	TAL BUF
Total/NA	Prep	3550C			229731	03/10/15 07:54	JLS	TAL BUF
Total/NA	Analysis	8081B		5	230010	03/11/15 18:14	JRL	TAL BUF
Total/NA	Prep	3550C			229732	03/10/15 07:58	RJS	TAL BUF
Total/NA	Analysis	8082A		1	229996	03/11/15 13:47	KS	TAL BUF
Total/NA	Prep	3050B			229735	03/10/15 11:20	TAS	TAL BUF
Total/NA	Analysis	6010C		1	229995	03/11/15 11:55	SLB	TAL BUF
Total/NA	Prep	7471B			229778	03/10/15 09:40	LRK	TAL BUF
Total/NA	Analysis	7471B		1	229818	03/10/15 11:31	LRK	TAL BUF
Total/NA	Analysis	Moisture		1	229664	03/09/15 14:08	ZJR	TAL BUF

Client Sample ID: S-6

Lab Sample ID: 480-76309-2
Date Collected: 03/04/15 14:25
Matrix: Solid
Date Received: 03/09/15 12:30
Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			229930	03/11/15 12:06	RAS	TAL BUF
Total/NA	Analysis	8260C		1	229936	03/11/15 16:09	CDC	TAL BUF
Total/NA	Prep	3550C			229725	03/10/15 07:48	JLS	TAL BUF
Total/NA	Analysis	8270D		1	229891	03/11/15 19:52	LMW	TAL BUF
Total/NA	Prep	3550C			229731	03/10/15 07:54	JLS	TAL BUF
Total/NA	Analysis	8081B		1	230010	03/11/15 18:31	JRL	TAL BUF
Total/NA	Prep	3550C			229732	03/10/15 07:58	RJS	TAL BUF
Total/NA	Analysis	8082A		1	229996	03/11/15 14:02	KS	TAL BUF
Total/NA	Prep	3050B			229735	03/10/15 11:20	TAS	TAL BUF
Total/NA	Analysis	6010C		1	229995	03/11/15 12:09	SLB	TAL BUF
Total/NA	Prep	7471B			229778	03/10/15 09:40	LRK	TAL BUF
Total/NA	Analysis	7471B		1	229818	03/10/15 11:38	LRK	TAL BUF
Total/NA	Analysis	Moisture		1	229664	03/09/15 14:08	ZJR	TAL BUF

Client Sample ID: S-7

Lab Sample ID: 480-76309-3
Date Collected: 03/04/15 14:30
Matrix: Solid
Date Received: 03/09/15 12:30
Percent Solids: 81.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			229930	03/11/15 12:06	RAS	TAL BUF
Total/NA	Analysis	8260C		1	229936	03/11/15 16:35	CDC	TAL BUF
Total/NA	Prep	3550C			229725	03/10/15 07:48	JLS	TAL BUF
Total/NA	Analysis	8270D		5	230080	03/12/15 14:48	LMW	TAL BUF
Total/NA	Prep	3550C			229731	03/10/15 07:54	JLS	TAL BUF

Client Sample ID: S-7

Lab Sample ID: 480-76309-3

Date Collected: 03/04/15 14:30
Matrix: Solid
Date Received: 03/09/15 12:30
Percent Solids: 81.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8081B		2	230010	03/11/15 18:49	JRL	TAL BUF
Total/NA	Prep	3550C			229732	03/10/15 07:58	RJS	TAL BUF
Total/NA	Analysis	8082A		1	229996	03/11/15 14:17	KS	TAL BUF
Total/NA	Prep	3050B			229735	03/10/15 11:20	TAS	TAL BUF
Total/NA	Analysis	6010C		1	229995	03/11/15 12:20	SLB	TAL BUF
Total/NA	Prep	7471B			229778	03/10/15 09:40	LRK	TAL BUF
Total/NA	Analysis	7471B		1	229818	03/10/15 11:40	LRK	TAL BUF
Total/NA	Analysis	Moisture		1	229664	03/09/15 14:08	ZJR	TAL BUF

Client Sample ID: S-8

Lab Sample ID: 480-76309-4

Date Collected: 03/04/15 14:35
Matrix: Solid
Date Received: 03/09/15 12:30
Percent Solids: 76.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			229930	03/11/15 12:06	RAS	TAL BUF
Total/NA	Analysis	8260C		1	229936	03/11/15 17:01	CDC	TAL BUF
Total/NA	Prep	3550C			229725	03/10/15 07:48	JLS	TAL BUF
Total/NA	Analysis	8270D		1	229891	03/11/15 20:40	LMW	TAL BUF
Total/NA	Prep	3550C			229731	03/10/15 07:54	JLS	TAL BUF
Total/NA	Analysis	8081B		1	230010	03/11/15 19:06	JRL	TAL BUF
Total/NA	Prep	3550C			229732	03/10/15 07:58	RJS	TAL BUF
Total/NA	Analysis	8082A		1	229996	03/11/15 14:32	KS	TAL BUF
Total/NA	Prep	3050B			229735	03/10/15 11:20	TAS	TAL BUF
Total/NA	Analysis	6010C		1	229995	03/11/15 12:22	SLB	TAL BUF
Total/NA	Prep	7471B			229778	03/10/15 09:40	LRK	TAL BUF
Total/NA	Analysis	7471B		1	229818	03/10/15 11:42	LRK	TAL BUF
Total/NA	Analysis	Moisture		1	229664	03/09/15 14:08	ZJR	TAL BUF

Client Sample ID: BOTTOM-3

Lab Sample ID: 480-76309-5

Date Collected: 03/05/15 09:00
Matrix: Solid
Date Received: 03/09/15 12:30
Percent Solids: 83.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			229930	03/11/15 12:06	RAS	TAL BUF
Total/NA	Analysis	8260C		1	229936	03/11/15 17:27	CDC	TAL BUF
Total/NA	Prep	3550C			229725	03/10/15 07:48	JLS	TAL BUF
Total/NA	Analysis	8270D		1	229891	03/11/15 21:04	LMW	TAL BUF
Total/NA	Prep	3550C			229731	03/10/15 07:54	JLS	TAL BUF
Total/NA	Analysis	8081B		2	230010	03/11/15 19:24	JRL	TAL BUF
Total/NA	Prep	3550C			229732	03/10/15 07:58	RJS	TAL BUF
Total/NA	Analysis	8082A		1	229996	03/11/15 14:46	KS	TAL BUF
Total/NA	Prep	3050B			229735	03/10/15 11:20	TAS	TAL BUF
Total/NA	Analysis	6010C		1	229995	03/11/15 12:25	SLB	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-76309-1

Client Sample ID: BOTTOM-3
Date Collected: 03/05/15 09:00
Date Received: 03/09/15 12:30

Lab Sample ID: 480-76309-5
Matrix: Solid
Percent Solids: 83.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			229778	03/10/15 09:40	LRK	TAL BUF
Total/NA	Analysis	7471B		1	229818	03/10/15 11:44	LRK	TAL BUF
Total/NA	Analysis	Moisture		1	229664	03/09/15 14:08	ZJR	TAL BUF

Laboratory References:

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

Certification Summary

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-76309-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-15 *

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

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

* Certification renewal pending - certification considered valid.

Method Summary

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-76309-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8081B	Organochlorine Pesticides (GC)	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7471B	Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	SW846	TAL BUF
Moisture	Percent Moisture	EPA	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: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-76309-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-76309-1	S-5	Solid	03/04/15 13:15	03/09/15 12:30
480-76309-2	S-6	Solid	03/04/15 14:25	03/09/15 12:30
480-76309-3	S-7	Solid	03/04/15 14:30	03/09/15 12:30
480-76309-4	S-8	Solid	03/04/15 14:35	03/09/15 12:30
480-76309-5	BOTTOM-3	Solid	03/05/15 09:00	03/09/15 12:30

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestA
THE LEADER IN

480-76309 Chain of Custody

TAL-4124 (1007)

Client: NYSDEC	Project Manager: Josh Haugh	Date: 3-5-15	Chain of Custody Number: 275475
Address: 625 Broadway, 12th Floor	Telephone Number (Area Code)/Fax Number: (518) 402-9819	Lab Number:	Page 1 of 1
City: Albany / State: NY / Zip Code: 12233	Site Contact: E. Popken (GES)	Lab Contact: BJF	
Project Name and Location (State): Bartholmes Manufacturing	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: Site # 828122			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	#	Analysis: TCL VOCs	TCL SVOCs	Pest - 8081	TMetals - 6010	PCBs
S-5	1315	3-4-15				X	X						5	X	X	X	X	X
S-6	1425	"				"	"						5	X	X	X	X	X
S-7	1430	"				"	"						5	X	X	X	X	X
S-8	1435	"				"	"						5	X	X	X	X	X
Bottom -3	0900	3-5-15				"	"						5	X	X	X	X	X

Special Instructions/ Conditions of Receipt

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

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

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By (GES)	3-4-15	1800	1. Received By To Sample Fridge		
2. Relinquished By (GES)	3-5-15	1400	2. Received By To Sample Fridge		
3. Relinquished By GES	3/9	1230	3. Received By TA Buff	3/9/15	12:30

Comments: Category B Deliverable

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

#1 29

Page 33 of 34

3/18/2015

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-76309-1

Login Number: 76309

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl M

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.	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	GES
Samples received within 48 hours of sampling.	False	
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: 480-72429-1
Client Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

For:
New York State D.E.C.
6274 E. Avon-Lima Rd.
Avon, New York 14414

Attn: Josh Haugh

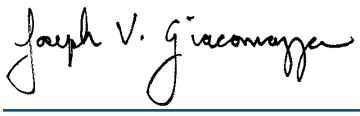
Joseph V. Giacomazza

Authorized for release by:
12/18/2014 10:00:20 AM
Joe Giacomazza, Project Management Assistant II
joe.giacomazza@testamericainc.com

Designee for

Brian Fischer, Manager of Project Management
(716)504-9835
brian.fischer@testamericainc.com

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Joe Giacomazza
Project Management Assistant II
12/18/2014 10:00:20 AM

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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.
*	LCS or LCSD exceeds the control limits
*	RPD of the LCS and LCSD exceeds the control limits

GC Semi 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.
X	Surrogate is outside control limits
B	Compound was found in the blank and sample.

Metals

Qualifier	Qualifier Description
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.

Glossary

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

Job ID: 480-72429-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-72429-1

Receipt
The samples were received on 12/4/2014 2:35 PM; the samples 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 following samples were weighed out at a reduced weight due to the nature of the sample matrix: BOTTOM-01 (480-72429-1), BOTTOM-02 (480-72429-3). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: Reported analyte concentrations in the following sample(s) are below 200ug/kg and may be biased low due to the sample(s) not being collected according to 5035-L/5035A-L low-level specifications: S-1 (480-72429-4), S-2 (480-72429-6), S-3 (480-72429-5).

Method(s) 8260C: The following sample(s) was analyzed at 1.0 gram due to the nature of the sample matrix: S-3 (480-72429-5). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The laboratory control sample (LCS) and the laboratory control sample duplicate (LCSD) for batch 217939 exceeded control limits for the following analyte: 2-Butanone. Unlike the calibration standards, this is due to the coelution with Ethyl Acetate in the spiking solution. This does not indicate a performance issue with the spike recovery, but rather the laboratory's ability to measure the two analytes together in a combined spiking solution. Through the use of spectral analysis, the two compounds can be distinguished from one another if present in a client sample. (LCS 480-217939/6), (LCSD 480-217939/7)

Method(s) 8260C: Reported analyte concentrations in the following sample is below 200ug/kg and may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications: S-2 (480-72429-6).

Method(s) 8260C: Reported analyte concentrations in the following samples are below 200ug/kg and may be biased low due to the samples not being collected according to 5035-L/5035A-L low-level specifications: BOTTOM-01 (480-72429-1), BOTTOM-02 (480-72429-3), S-4 (480-72429-2).

Method(s) 8260C: The %RPD of the laboratory control standard duplicate (LCSD) for preparation batch 217939 recovered outside control limits for the following analyte: Chloroethane.

Method(s) 8260C: The laboratory control sample (LCS) and/or laboratory control sample duplicate (LCSD) for batch 217939 recovered outside control limits for the following analyte: 2-Butanone. This was not a requested spike compound; therefore, the data have been qualified and reported. (LCS 480-217939/6), (LCSD 480-217939/7)

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

GC Semi VOA
Method(s) 8081B: The matrix spike / matrix spike duplicate precision for batch 218150 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method(s) 8081B: The continuing calibration verification (CCV) recovered above the upper control limit for Heptachlor. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method(s) 8082A: Due to the high concentration of Aroclor 1254, the matrix spike duplicate (MSD) for batch 217498 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

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

Metals
Method(s) 6010C: The low level continuing calibration verification (CCVL 480-218705/35) for analytical batch 480-218705 contained total

Job ID: 480-72429-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

cadmium above the upper quality control limit. All reported samples associated with this CCVL were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCVL; therefore, re-analysis of samples S-3 (480-72429-5) was not performed.

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

Organic Prep

Method(s) 3550C: The following samples required a Florisil clean-up, via EPA Method 3620C, to reduce matrix interferences: (480-72429-2 MS), (480-72429-2 MSD), BOTTOM-01 (480-72429-1), BOTTOM-02 (480-72429-3), S-1 (480-72429-4), S-2 (480-72429-6), S-3 (480-72429-5), S-4 (480-72429-2).

Method(s) 3550C: The following samples: (480-72429-1 MS), (480-72429-1 MSD), BOTTOM-01 (480-72429-1), BOTTOM-02 (480-72429-3), S-1 (480-72429-4), S-2 (480-72429-6) were decanted prior to preparation .

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

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-72429-1

Client Sample ID: BOTTOM-01
Date Collected: 12/03/14 14:30
Date Received: 12/04/14 14:35

Lab Sample ID: 480-72429-1
Matrix: Solid
Percent Solids: 74.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		33	2.4	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
1,1,2,2-Tetrachloroethane	ND		33	5.4	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
1,1,2-Trichloroethane	ND		33	4.3	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		33	7.5	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
1,1-Dichloroethane	ND		33	4.0	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
1,1-Dichloroethene	ND		33	4.0	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
1,2,4-Trichlorobenzene	ND		33	2.0	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
1,2-Dibromo-3-Chloropropane	ND		33	17	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
1,2-Dibromoethane	ND		33	4.2	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
1,2-Dichlorobenzene	ND		33	2.6	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
1,2-Dichloroethane	ND		33	1.7	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
1,2-Dichloropropane	ND		33	17	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
1,3-Dichlorobenzene	ND		33	1.7	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
1,4-Dichlorobenzene	ND		33	4.6	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
2-Hexanone	**480**		170	17	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
2-Butanone (MEK)	ND		170	12	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
4-Methyl-2-pentanone (MIBK)	ND		170	11	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
Acetone	**33**	**J**	170	28	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
Benzene	ND		33	1.6	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
Bromodichloromethane	ND		33	4.4	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
Bromoform	ND		33	17	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
Bromomethane	ND		33	3.0	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
Carbon disulfide	ND		33	17	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
Carbon tetrachloride	ND		33	3.2	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
Chlorobenzene	ND		33	4.4	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
Dibromochloromethane	ND		33	4.2	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
Chloroethane	ND		33	7.5	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
Chloroform	ND		33	2.0	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
Chloromethane	ND		33	2.0	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
cis-1,2-Dichloroethene	ND		33	4.2	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
cis-1,3-Dichloropropene	ND		33	4.8	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
Cyclohexane	ND		33	4.6	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
Dichlorodifluoromethane	ND		33	2.7	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
Ethylbenzene	ND		33	2.3	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
Isopropylbenzene	ND		33	5.0	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
Methyl acetate	ND		33	20	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
Methyl tert-butyl ether	ND		33	3.2	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
Methylcyclohexane	ND		33	5.0	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
Methylene Chloride	ND		33	15	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
Styrene	ND		33	1.7	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
Tetrachloroethene	ND		33	4.4	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
Toluene	ND		33	2.5	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
trans-1,2-Dichloroethene	ND		33	3.4	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
trans-1,3-Dichloropropene	ND		33	15	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
Trichloroethene	ND		33	7.3	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
Trichlorofluoromethane	ND		33	3.1	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
Vinyl chloride	ND		33	4.0	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1
Xylenes, Total	ND		66	5.6	ug/Kg	☼	12/05/14 12:26	12/05/14 19:49	1

Client Sample ID: BOTTOM-01
Date Collected: 12/03/14 14:30
Date Received: 12/04/14 14:35

Lab Sample ID: 480-72429-1
Matrix: Solid
Percent Solids: 74.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*	*12/05/14 12:26*	*12/05/14 19:49*	*1*
Toluene-d8 (Surr)	*88*		*71 - 125*	*12/05/14 12:26*	*12/05/14 19:49*	*1*
4-Bromofluorobenzene (Surr)	*90*		*72 - 126*	*12/05/14 12:26*	*12/05/14 19:49*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		110	21	ug/Kg	☼	12/09/14 18:21	12/10/14 16:45	50
4,4'-DDE	**87**	**J**	110	23	ug/Kg	☼	12/09/14 18:21	12/10/14 16:45	50
4,4'-DDT	ND		110	25	ug/Kg	☼	12/09/14 18:21	12/10/14 16:45	50
Aldrin	ND		110	27	ug/Kg	☼	12/09/14 18:21	12/10/14 16:45	50
alpha-BHC	ND		110	19	ug/Kg	☼	12/09/14 18:21	12/10/14 16:45	50
alpha-Chlordane	ND		110	54	ug/Kg	☼	12/09/14 18:21	12/10/14 16:45	50
beta-BHC	ND		110	19	ug/Kg	☼	12/09/14 18:21	12/10/14 16:45	50
delta-BHC	**42**	**J**	110	20	ug/Kg	☼	12/09/14 18:21	12/10/14 16:45	50
Dieldrin	ND		110	26	ug/Kg	☼	12/09/14 18:21	12/10/14 16:45	50
Endosulfan I	ND		110	21	ug/Kg	☼	12/09/14 18:21	12/10/14 16:45	50
Endosulfan II	ND		110	19	ug/Kg	☼	12/09/14 18:21	12/10/14 16:45	50
Endosulfan sulfate	ND		110	20	ug/Kg	☼	12/09/14 18:21	12/10/14 16:45	50
Endrin	ND		110	21	ug/Kg	☼	12/09/14 18:21	12/10/14 16:45	50
Endrin aldehyde	ND		110	28	ug/Kg	☼	12/09/14 18:21	12/10/14 16:45	50
Endrin ketone	ND		110	27	ug/Kg	☼	12/09/14 18:21	12/10/14 16:45	50
gamma-BHC (Lindane)	ND		110	20	ug/Kg	☼	12/09/14 18:21	12/10/14 16:45	50
gamma-Chlordane	ND		110	34	ug/Kg	☼	12/09/14 18:21	12/10/14 16:45	50
Heptachlor	ND		110	23	ug/Kg	☼	12/09/14 18:21	12/10/14 16:45	50
Heptachlor epoxide	ND		110	28	ug/Kg	☼	12/09/14 18:21	12/10/14 16:45	50
Methoxychlor	ND		110	22	ug/Kg	☼	12/09/14 18:21	12/10/14 16:45	50
Toxaphene	ND		1100	630	ug/Kg	☼	12/09/14 18:21	12/10/14 16:45	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*0*	*X*	*32 - 136*	*12/09/14 18:21*	*12/10/14 16:45*	*50*
Tetrachloro-m-xylene	*0*	*X*	*30 - 124*	*12/09/14 18:21*	*12/10/14 16:45*	*50*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		310	60	ug/Kg	☼	12/05/14 11:53	12/08/14 15:22	1
PCB-1221	ND		310	60	ug/Kg	☼	12/05/14 11:53	12/08/14 15:22	1
PCB-1232	ND		310	60	ug/Kg	☼	12/05/14 11:53	12/08/14 15:22	1
PCB-1242	ND		310	60	ug/Kg	☼	12/05/14 11:53	12/08/14 15:22	1
PCB-1248	ND		310	60	ug/Kg	☼	12/05/14 11:53	12/08/14 15:22	1
PCB-1254	**2800**		310	140	ug/Kg	☼	12/05/14 11:53	12/08/14 15:22	1
PCB-1260	ND		310	140	ug/Kg	☼	12/05/14 11:53	12/08/14 15:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*142*		*47 - 176*	*12/05/14 11:53*	*12/08/14 15:22*	*1*
Tetrachloro-m-xylene	*121*		*46 - 175*	*12/05/14 11:53*	*12/08/14 15:22*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.5		mg/Kg	☼	12/08/14 11:10	12/11/14 23:31	1
Barium	**20.6**		0.63		mg/Kg	☼	12/08/14 11:10	12/11/14 23:31	1
Cadmium	ND		0.25		mg/Kg	☼	12/08/14 11:10	12/11/14 23:31	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-72429-1

Client Sample ID: BOTTOM-01
Date Collected: 12/03/14 14:30
Date Received: 12/04/14 14:35

Lab Sample ID: 480-72429-1
Matrix: Solid
Percent Solids: 74.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	219		0.63		mg/Kg	☼	12/08/14 11:10	12/11/14 23:31	1
Lead	3.4		1.3		mg/Kg	☼	12/08/14 11:10	12/11/14 23:31	1
Selenium	ND		5.1		mg/Kg	☼	12/08/14 11:10	12/11/14 23:31	1
Silver	ND		0.76		mg/Kg	☼	12/08/14 11:10	12/11/14 23:31	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		0.026		mg/Kg	☼	12/08/14 12:55	12/08/14 15:01	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-72429-1

Client Sample ID: S-4
Date Collected: 12/03/14 14:35
Date Received: 12/04/14 14:35

Lab Sample ID: 480-72429-2
Matrix: Solid
Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.0	0.43	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
1,1,2,2-Tetrachloroethane	ND		6.0	0.97	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
1,1,2-Trichloroethane	ND		6.0	0.78	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.0	1.4	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
1,1-Dichloroethane	ND		6.0	0.73	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
1,1-Dichloroethene	ND		6.0	0.73	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
1,2,4-Trichlorobenzene	ND		6.0	0.36	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
1,2-Dibromo-3-Chloropropane	ND		6.0	3.0	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
1,2-Dibromoethane	ND		6.0	0.77	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
1,2-Dichlorobenzene	ND		6.0	0.47	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
1,2-Dichloroethane	ND		6.0	0.30	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
1,2-Dichloropropane	ND		6.0	3.0	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
1,3-Dichlorobenzene	ND		6.0	0.31	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
1,4-Dichlorobenzene	ND		6.0	0.84	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
2-Hexanone	ND		30	3.0	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
2-Butanone (MEK)	ND		30	2.2	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
4-Methyl-2-pentanone (MIBK)	ND		30	2.0	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
Acetone	ND		30	5.0	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
Benzene	ND		6.0	0.29	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
Bromodichloromethane	ND		6.0	0.80	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
Bromoform	ND		6.0	3.0	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
Bromomethane	ND		6.0	0.54	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
Carbon disulfide	ND		6.0	3.0	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
Carbon tetrachloride	ND		6.0	0.58	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
Chlorobenzene	ND		6.0	0.79	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
Dibromochloromethane	ND		6.0	0.77	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
Chloroethane	ND		6.0	1.4	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
Chloroform	ND		6.0	0.37	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
Chloromethane	ND		6.0	0.36	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
cis-1,2-Dichloroethene	ND		6.0	0.77	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
cis-1,3-Dichloropropene	ND		6.0	0.86	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
Cyclohexane	ND		6.0	0.84	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
Dichlorodifluoromethane	ND		6.0	0.49	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
Ethylbenzene	ND		6.0	0.41	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
Isopropylbenzene	ND		6.0	0.90	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
Methyl acetate	ND		6.0	3.6	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
Methyl tert-butyl ether	ND		6.0	0.59	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
Methylcyclohexane	ND		6.0	0.91	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
Methylene Chloride	ND		6.0	2.8	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
Styrene	ND		6.0	0.30	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
Tetrachloroethene	ND		6.0	0.80	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
Toluene	ND		6.0	0.45	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
trans-1,2-Dichloroethene	ND		6.0	0.62	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
trans-1,3-Dichloropropene	ND		6.0	2.6	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
Trichloroethene	ND		6.0	1.3	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
Trichlorofluoromethane	ND		6.0	0.57	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
Vinyl chloride	ND		6.0	0.73	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1
Xylenes, Total	ND		12	1.0	ug/Kg	☼	12/05/14 12:26	12/05/14 20:15	1

Client Sample ID: S-4
Date Collected: 12/03/14 14:35
Date Received: 12/04/14 14:35

Lab Sample ID: 480-72429-2
Matrix: Solid
Percent Solids: 82.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*114*		*64 - 126*	*12/05/14 12:26*	*12/05/14 20:15*	*1*
Toluene-d8 (Surr)	*104*		*71 - 125*	*12/05/14 12:26*	*12/05/14 20:15*	*1*
4-Bromofluorobenzene (Surr)	*102*		*72 - 126*	*12/05/14 12:26*	*12/05/14 20:15*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		2.0	0.39	ug/Kg	☼	12/09/14 18:21	12/10/14 16:27	1
4,4'-DDE	ND		2.0	0.42	ug/Kg	☼	12/09/14 18:21	12/10/14 16:27	1
4,4'-DDT	ND		2.0	0.46	ug/Kg	☼	12/09/14 18:21	12/10/14 16:27	1
Aldrin	ND		2.0	0.49	ug/Kg	☼	12/09/14 18:21	12/10/14 16:27	1
alpha-BHC	**1.5**	**J B**	2.0	0.36	ug/Kg	☼	12/09/14 18:21	12/10/14 16:27	1
alpha-Chlordane	ND		2.0	0.99	ug/Kg	☼	12/09/14 18:21	12/10/14 16:27	1
beta-BHC	ND		2.0	0.36	ug/Kg	☼	12/09/14 18:21	12/10/14 16:27	1
delta-BHC	ND		2.0	0.37	ug/Kg	☼	12/09/14 18:21	12/10/14 16:27	1
Dieldrin	ND		2.0	0.48	ug/Kg	☼	12/09/14 18:21	12/10/14 16:27	1
Endosulfan I	ND		2.0	0.38	ug/Kg	☼	12/09/14 18:21	12/10/14 16:27	1
Endosulfan II	ND		2.0	0.36	ug/Kg	☼	12/09/14 18:21	12/10/14 16:27	1
Endosulfan sulfate	ND		2.0	0.37	ug/Kg	☼	12/09/14 18:21	12/10/14 16:27	1
Endrin	ND		2.0	0.39	ug/Kg	☼	12/09/14 18:21	12/10/14 16:27	1
Endrin aldehyde	ND		2.0	0.51	ug/Kg	☼	12/09/14 18:21	12/10/14 16:27	1
Endrin ketone	ND		2.0	0.49	ug/Kg	☼	12/09/14 18:21	12/10/14 16:27	1
gamma-BHC (Lindane)	ND		2.0	0.36	ug/Kg	☼	12/09/14 18:21	12/10/14 16:27	1
gamma-Chlordane	ND		2.0	0.63	ug/Kg	☼	12/09/14 18:21	12/10/14 16:27	1
Heptachlor	ND		2.0	0.43	ug/Kg	☼	12/09/14 18:21	12/10/14 16:27	1
Heptachlor epoxide	ND		2.0	0.51	ug/Kg	☼	12/09/14 18:21	12/10/14 16:27	1
Methoxychlor	ND		2.0	0.41	ug/Kg	☼	12/09/14 18:21	12/10/14 16:27	1
Toxaphene	ND		20	12	ug/Kg	☼	12/09/14 18:21	12/10/14 16:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*96*		*32 - 136*	*12/09/14 18:21*	*12/10/14 16:27*	*1*
Tetrachloro-m-xylene	*73*		*30 - 124*	*12/09/14 18:21*	*12/10/14 16:27*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		290	56	ug/Kg	☼	12/05/14 11:53	12/08/14 15:37	1
PCB-1221	ND		290	56	ug/Kg	☼	12/05/14 11:53	12/08/14 15:37	1
PCB-1232	ND		290	56	ug/Kg	☼	12/05/14 11:53	12/08/14 15:37	1
PCB-1242	ND		290	56	ug/Kg	☼	12/05/14 11:53	12/08/14 15:37	1
PCB-1248	ND		290	56	ug/Kg	☼	12/05/14 11:53	12/08/14 15:37	1
PCB-1254	ND		290	130	ug/Kg	☼	12/05/14 11:53	12/08/14 15:37	1
PCB-1260	ND		290	130	ug/Kg	☼	12/05/14 11:53	12/08/14 15:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*69*		*47 - 176*	*12/05/14 11:53*	*12/08/14 15:37*	*1*
Tetrachloro-m-xylene	*115*		*46 - 175*	*12/05/14 11:53*	*12/08/14 15:37*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.2		mg/Kg	☼	12/08/14 11:10	12/11/14 23:34	1
Barium	**25.5**		0.56		mg/Kg	☼	12/08/14 11:10	12/11/14 23:34	1
Cadmium	ND		0.22		mg/Kg	☼	12/08/14 11:10	12/11/14 23:34	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-72429-1

Client Sample ID: S-4
Date Collected: 12/03/14 14:35
Date Received: 12/04/14 14:35

Lab Sample ID: 480-72429-2
Matrix: Solid
Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	20.5		0.56		mg/Kg	☼	12/08/14 11:10	12/11/14 23:34	1
Lead	3.9		1.1		mg/Kg	☼	12/08/14 11:10	12/11/14 23:34	1
Selenium	ND		4.5		mg/Kg	☼	12/08/14 11:10	12/11/14 23:34	1
Silver	ND		0.67		mg/Kg	☼	12/08/14 11:10	12/11/14 23:34	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		0.023		mg/Kg	☼	12/08/14 12:55	12/08/14 15:03	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-72429-1

Client Sample ID: BOTTOM-02
Date Collected: 12/03/14 14:40
Date Received: 12/04/14 14:35

Lab Sample ID: 480-72429-3
Matrix: Solid
Percent Solids: 72.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		34	2.4	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
1,1,2,2-Tetrachloroethane	ND		34	5.4	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
1,1,2-Trichloroethane	ND		34	4.4	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		34	7.7	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
1,1-Dichloroethane	ND		34	4.1	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
1,1-Dichloroethene	ND		34	4.1	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
1,2,4-Trichlorobenzene	ND		34	2.0	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
1,2-Dibromo-3-Chloropropane	ND		34	17	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
1,2-Dibromoethane	ND		34	4.3	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
1,2-Dichlorobenzene	ND		34	2.6	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
1,2-Dichloroethane	ND		34	1.7	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
1,2-Dichloropropane	ND		34	17	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
1,3-Dichlorobenzene	ND		34	1.7	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
1,4-Dichlorobenzene	ND		34	4.7	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
2-Hexanone	ND		170	17	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
2-Butanone (MEK)	ND		170	12	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
4-Methyl-2-pentanone (MIBK)	ND		170	11	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
Acetone	ND		170	28	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
Benzene	ND		34	1.6	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
Bromodichloromethane	ND		34	4.5	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
Bromoform	ND		34	17	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
Bromomethane	ND		34	3.0	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
Carbon disulfide	ND		34	17	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
Carbon tetrachloride	ND		34	3.2	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
Chlorobenzene	ND		34	4.4	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
Dibromochloromethane	ND		34	4.3	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
Chloroethane	ND		34	7.6	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
Chloroform	ND		34	2.1	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
Chloromethane	ND		34	2.0	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
cis-1,2-Dichloroethene	ND		34	4.3	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
cis-1,3-Dichloropropene	ND		34	4.8	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
Cyclohexane	ND		34	4.7	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
Dichlorodifluoromethane	ND		34	2.8	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
Ethylbenzene	ND		34	2.3	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
Isopropylbenzene	ND		34	5.1	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
Methyl acetate	ND		34	20	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
Methyl tert-butyl ether	ND		34	3.3	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
Methylcyclohexane	ND		34	5.1	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
Methylene Chloride	ND		34	15	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
Styrene	ND		34	1.7	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
Tetrachloroethene	ND		34	4.5	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
Toluene	ND		34	2.5	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
trans-1,2-Dichloroethene	ND		34	3.5	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
trans-1,3-Dichloropropene	ND		34	15	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
Trichloroethene	ND		34	7.4	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
Trichlorofluoromethane	ND		34	3.2	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
Vinyl chloride	ND		34	4.1	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1
Xylenes, Total	ND		67	5.6	ug/Kg	☼	12/05/14 12:26	12/05/14 20:40	1

Client Sample ID: BOTTOM-02
Date Collected: 12/03/14 14:40
Date Received: 12/04/14 14:35

Lab Sample ID: 480-72429-3
Matrix: Solid
Percent Solids: 72.3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*106*		*64 - 126*	*12/05/14 12:26*	*12/05/14 20:40*	*1*
Toluene-d8 (Surr)	*101*		*71 - 125*	*12/05/14 12:26*	*12/05/14 20:40*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 126*	*12/05/14 12:26*	*12/05/14 20:40*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		110	22	ug/Kg	☼	12/09/14 18:21	12/10/14 17:02	50
4,4'-DDE	**69**	**J**	110	24	ug/Kg	☼	12/09/14 18:21	12/10/14 17:02	50
4,4'-DDT	ND		110	27	ug/Kg	☼	12/09/14 18:21	12/10/14 17:02	50
Aldrin	ND		110	28	ug/Kg	☼	12/09/14 18:21	12/10/14 17:02	50
alpha-BHC	ND		110	20	ug/Kg	☼	12/09/14 18:21	12/10/14 17:02	50
alpha-Chlordane	ND		110	57	ug/Kg	☼	12/09/14 18:21	12/10/14 17:02	50
beta-BHC	ND		110	20	ug/Kg	☼	12/09/14 18:21	12/10/14 17:02	50
delta-BHC	ND		110	21	ug/Kg	☼	12/09/14 18:21	12/10/14 17:02	50
Dieldrin	ND		110	27	ug/Kg	☼	12/09/14 18:21	12/10/14 17:02	50
Endosulfan I	ND		110	22	ug/Kg	☼	12/09/14 18:21	12/10/14 17:02	50
Endosulfan II	ND		110	20	ug/Kg	☼	12/09/14 18:21	12/10/14 17:02	50
Endosulfan sulfate	ND		110	21	ug/Kg	☼	12/09/14 18:21	12/10/14 17:02	50
Endrin	ND		110	23	ug/Kg	☼	12/09/14 18:21	12/10/14 17:02	50
Endrin aldehyde	ND		110	29	ug/Kg	☼	12/09/14 18:21	12/10/14 17:02	50
Endrin ketone	ND		110	28	ug/Kg	☼	12/09/14 18:21	12/10/14 17:02	50
gamma-BHC (Lindane)	ND		110	21	ug/Kg	☼	12/09/14 18:21	12/10/14 17:02	50
gamma-Chlordane	ND		110	36	ug/Kg	☼	12/09/14 18:21	12/10/14 17:02	50
Heptachlor	ND		110	25	ug/Kg	☼	12/09/14 18:21	12/10/14 17:02	50
Heptachlor epoxide	ND		110	29	ug/Kg	☼	12/09/14 18:21	12/10/14 17:02	50
Methoxychlor	ND		110	23	ug/Kg	☼	12/09/14 18:21	12/10/14 17:02	50
Toxaphene	ND		1100	660	ug/Kg	☼	12/09/14 18:21	12/10/14 17:02	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*0*	*X*	*32 - 136*	*12/09/14 18:21*	*12/10/14 17:02*	*50*
Tetrachloro-m-xylene	*0*	*X*	*30 - 124*	*12/09/14 18:21*	*12/10/14 17:02*	*50*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		260	51	ug/Kg	☼	12/05/14 11:53	12/08/14 15:52	1
PCB-1221	ND		260	51	ug/Kg	☼	12/05/14 11:53	12/08/14 15:52	1
PCB-1232	ND		260	51	ug/Kg	☼	12/05/14 11:53	12/08/14 15:52	1
PCB-1242	ND		260	51	ug/Kg	☼	12/05/14 11:53	12/08/14 15:52	1
PCB-1248	ND		260	51	ug/Kg	☼	12/05/14 11:53	12/08/14 15:52	1
PCB-1254	**860**		260	120	ug/Kg	☼	12/05/14 11:53	12/08/14 15:52	1
PCB-1260	ND		260	120	ug/Kg	☼	12/05/14 11:53	12/08/14 15:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*118*		*47 - 176*	*12/05/14 11:53*	*12/08/14 15:52*	*1*
Tetrachloro-m-xylene	*123*		*46 - 175*	*12/05/14 11:53*	*12/08/14 15:52*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.8		mg/Kg	☼	12/08/14 11:10	12/11/14 23:37	1
Barium	**28.1**		0.71		mg/Kg	☼	12/08/14 11:10	12/11/14 23:37	1
Cadmium	**0.66**		0.28		mg/Kg	☼	12/08/14 11:10	12/11/14 23:37	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-72429-1

Client Sample ID: BOTTOM-02
Date Collected: 12/03/14 14:40
Date Received: 12/04/14 14:35

Lab Sample ID: 480-72429-3
Matrix: Solid
Percent Solids: 72.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**346**		0.71		mg/Kg	☼	12/08/14 11:10	12/11/14 23:37	1
Lead	**4.1**		1.4		mg/Kg	☼	12/08/14 11:10	12/11/14 23:37	1
Selenium	ND		5.7		mg/Kg	☼	12/08/14 11:10	12/11/14 23:37	1
Silver	ND		0.85		mg/Kg	☼	12/08/14 11:10	12/11/14 23:37	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		0.025		mg/Kg	☼	12/08/14 12:55	12/08/14 15:05	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-72429-1

Client Sample ID: S-1
Date Collected: 12/03/14 14:45
Date Received: 12/04/14 14:35

Lab Sample ID: 480-72429-4
Matrix: Solid
Percent Solids: 73.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.8	0.49	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
1,1,2,2-Tetrachloroethane	ND		6.8	1.1	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
1,1,2-Trichloroethane	ND		6.8	0.88	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.8	1.5	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
1,1-Dichloroethane	ND		6.8	0.83	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
1,1-Dichloroethene	ND		6.8	0.83	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
1,2,4-Trichlorobenzene	ND		6.8	0.41	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
1,2-Dibromo-3-Chloropropane	ND		6.8	3.4	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
1,2-Dibromoethane	ND		6.8	0.87	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
1,2-Dichlorobenzene	ND		6.8	0.53	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
1,2-Dichloroethane	ND		6.8	0.34	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
1,2-Dichloropropane	ND		6.8	3.4	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
1,3-Dichlorobenzene	ND		6.8	0.35	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
1,4-Dichlorobenzene	ND		6.8	0.95	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
2-Hexanone	ND		34	3.4	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
2-Butanone (MEK)	**30**	**J**	34	2.5	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
4-Methyl-2-pentanone (MIBK)	ND		34	2.2	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
Acetone	**12**	**J**	34	5.7	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
Benzene	ND		6.8	0.33	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
Bromodichloromethane	ND		6.8	0.91	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
Bromoform	ND		6.8	3.4	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
Bromomethane	ND		6.8	0.61	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
Carbon disulfide	ND		6.8	3.4	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
Carbon tetrachloride	ND		6.8	0.66	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
Chlorobenzene	ND		6.8	0.90	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
Dibromochloromethane	ND		6.8	0.87	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
Chloroethane	ND		6.8	1.5	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
Chloroform	ND		6.8	0.42	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
Chloromethane	ND		6.8	0.41	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
cis-1,2-Dichloroethene	ND		6.8	0.87	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
cis-1,3-Dichloropropene	ND		6.8	0.98	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
Cyclohexane	ND		6.8	0.95	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
Dichlorodifluoromethane	ND		6.8	0.56	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
Ethylbenzene	ND		6.8	0.47	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
Isopropylbenzene	ND		6.8	1.0	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
Methyl acetate	ND		6.8	4.1	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
Methyl tert-butyl ether	ND		6.8	0.67	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
Methylcyclohexane	ND		6.8	1.0	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
Methylene Chloride	ND		6.8	3.1	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
Styrene	ND		6.8	0.34	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
Tetrachloroethene	ND		6.8	0.91	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
Toluene	ND		6.8	0.51	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
trans-1,2-Dichloroethene	ND		6.8	0.70	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
trans-1,3-Dichloropropene	ND		6.8	3.0	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
Trichloroethene	ND		6.8	1.5	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
Trichlorofluoromethane	ND		6.8	0.64	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
Vinyl chloride	ND		6.8	0.83	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1
Xylenes, Total	ND		14	1.1	ug/Kg	☼	12/08/14 02:00	12/08/14 04:55	1

Client Sample ID: S-1
Date Collected: 12/03/14 14:45
Date Received: 12/04/14 14:35

Lab Sample ID: 480-72429-4
Matrix: Solid
Percent Solids: 73.3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*108*		*64 - 126*	*12/08/14 02:00*	*12/08/14 04:55*	*1*
Toluene-d8 (Surr)	*104*		*71 - 125*	*12/08/14 02:00*	*12/08/14 04:55*	*1*
4-Bromofluorobenzene (Surr)	*103*		*72 - 126*	*12/08/14 02:00*	*12/08/14 04:55*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		22	4.3	ug/Kg	☼	12/09/14 18:21	12/10/14 17:19	10
4,4'-DDE	ND		22	4.6	ug/Kg	☼	12/09/14 18:21	12/10/14 17:19	10
4,4'-DDT	**56**		22	5.2	ug/Kg	☼	12/09/14 18:21	12/10/14 17:19	10
Aldrin	ND		22	5.4	ug/Kg	☼	12/09/14 18:21	12/10/14 17:19	10
alpha-BHC	ND		22	4.0	ug/Kg	☼	12/09/14 18:21	12/10/14 17:19	10
alpha-Chlordane	ND		22	11	ug/Kg	☼	12/09/14 18:21	12/10/14 17:19	10
beta-BHC	ND		22	4.0	ug/Kg	☼	12/09/14 18:21	12/10/14 17:19	10
delta-BHC	ND		22	4.1	ug/Kg	☼	12/09/14 18:21	12/10/14 17:19	10
Dieldrin	ND		22	5.3	ug/Kg	☼	12/09/14 18:21	12/10/14 17:19	10
Endosulfan I	ND		22	4.2	ug/Kg	☼	12/09/14 18:21	12/10/14 17:19	10
Endosulfan II	ND		22	4.0	ug/Kg	☼	12/09/14 18:21	12/10/14 17:19	10
Endosulfan sulfate	ND		22	4.1	ug/Kg	☼	12/09/14 18:21	12/10/14 17:19	10
Endrin	ND		22	4.4	ug/Kg	☼	12/09/14 18:21	12/10/14 17:19	10
Endrin aldehyde	ND		22	5.6	ug/Kg	☼	12/09/14 18:21	12/10/14 17:19	10
Endrin ketone	ND		22	5.4	ug/Kg	☼	12/09/14 18:21	12/10/14 17:19	10
gamma-BHC (Lindane)	ND		22	4.0	ug/Kg	☼	12/09/14 18:21	12/10/14 17:19	10
gamma-Chlordane	ND		22	7.0	ug/Kg	☼	12/09/14 18:21	12/10/14 17:19	10
Heptachlor	ND		22	4.8	ug/Kg	☼	12/09/14 18:21	12/10/14 17:19	10
Heptachlor epoxide	ND		22	5.7	ug/Kg	☼	12/09/14 18:21	12/10/14 17:19	10
Methoxychlor	ND		22	4.5	ug/Kg	☼	12/09/14 18:21	12/10/14 17:19	10
Toxaphene	ND		220	130	ug/Kg	☼	12/09/14 18:21	12/10/14 17:19	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*0*	*X*	*32 - 136*	*12/09/14 18:21*	*12/10/14 17:19*	*10*
Tetrachloro-m-xylene	*69*		*30 - 124*	*12/09/14 18:21*	*12/10/14 17:19*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		290	57	ug/Kg	☼	12/05/14 11:53	12/08/14 16:07	1
PCB-1221	ND		290	57	ug/Kg	☼	12/05/14 11:53	12/08/14 16:07	1
PCB-1232	ND		290	57	ug/Kg	☼	12/05/14 11:53	12/08/14 16:07	1
PCB-1242	ND		290	57	ug/Kg	☼	12/05/14 11:53	12/08/14 16:07	1
PCB-1248	ND		290	57	ug/Kg	☼	12/05/14 11:53	12/08/14 16:07	1
PCB-1254	**1200**		290	140	ug/Kg	☼	12/05/14 11:53	12/08/14 16:07	1
PCB-1260	ND		290	140	ug/Kg	☼	12/05/14 11:53	12/08/14 16:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*111*		*47 - 176*	*12/05/14 11:53*	*12/08/14 16:07*	*1*
Tetrachloro-m-xylene	*108*		*46 - 175*	*12/05/14 11:53*	*12/08/14 16:07*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.6		mg/Kg	☼	12/10/14 11:07	12/12/14 01:41	1
Barium	**42.1**		0.65		mg/Kg	☼	12/10/14 11:07	12/12/14 01:41	1
Cadmium	**0.40**		0.26		mg/Kg	☼	12/10/14 11:07	12/12/14 01:41	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-72429-1

Client Sample ID: S-1
Date Collected: 12/03/14 14:45
Date Received: 12/04/14 14:35

Lab Sample ID: 480-72429-4
Matrix: Solid
Percent Solids: 73.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**402**		0.65		mg/Kg	☼	12/10/14 11:07	12/12/14 01:41	1
Lead	**6.0**		1.3		mg/Kg	☼	12/10/14 11:07	12/12/14 01:41	1
Selenium	ND		5.2		mg/Kg	☼	12/10/14 11:07	12/12/14 01:41	1
Silver	ND		0.78		mg/Kg	☼	12/10/14 11:07	12/12/14 01:41	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		0.028		mg/Kg	☼	12/08/14 12:55	12/08/14 15:06	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-72429-1

Client Sample ID: S-3
Date Collected: 12/03/14 14:50
Date Received: 12/04/14 14:35

Lab Sample ID: 480-72429-5
Matrix: Solid
Percent Solids: 52.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		47	3.4	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
1,1,2,2-Tetrachloroethane	ND		47	7.6	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
1,1,2-Trichloroethane	ND		47	6.1	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		47	11	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
1,1-Dichloroethane	ND		47	5.8	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
1,1-Dichloroethene	ND		47	5.8	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
1,2,4-Trichlorobenzene	ND		47	2.9	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
1,2-Dibromo-3-Chloropropane	ND		47	24	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
1,2-Dibromoethane	ND		47	6.1	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
1,2-Dichlorobenzene	ND		47	3.7	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
1,2-Dichloroethane	ND		47	2.4	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
1,2-Dichloropropane	ND		47	24	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
1,3-Dichlorobenzene	ND		47	2.4	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
1,4-Dichlorobenzene	**98**		47	6.6	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
2-Hexanone	**25**	**J**	240	24	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
2-Butanone (MEK)	**120**	**J**	240	17	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
4-Methyl-2-pentanone (MIBK)	ND		240	15	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
Acetone	**550**		240	40	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
Benzene	ND		47	2.3	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
Bromodichloromethane	ND		47	6.3	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
Bromoform	ND		47	24	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
Bromomethane	ND		47	4.2	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
Carbon disulfide	**24**	**J**	47	24	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
Carbon tetrachloride	ND		47	4.6	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
Chlorobenzene	ND		47	6.2	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
Dibromochloromethane	ND		47	6.0	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
Chloroethane	ND		47	11	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
Chloroform	ND		47	2.9	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
Chloromethane	ND		47	2.8	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
cis-1,2-Dichloroethene	ND		47	6.0	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
cis-1,3-Dichloropropene	ND		47	6.8	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
Cyclohexane	**11**	**J**	47	6.6	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
Dichlorodifluoromethane	ND		47	3.9	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
Ethylbenzene	ND		47	3.3	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
Isopropylbenzene	ND		47	7.1	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
Methyl acetate	ND		47	28	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
Methyl tert-butyl ether	ND		47	4.6	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
Methylcyclohexane	**20**	**J**	47	7.2	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
Methylene Chloride	ND		47	22	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
Styrene	ND		47	2.4	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
Tetrachloroethene	ND		47	6.3	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
Toluene	ND		47	3.6	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
trans-1,2-Dichloroethene	ND		47	4.9	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
trans-1,3-Dichloropropene	ND		47	21	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
Trichloroethene	ND		47	10	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
Trichlorofluoromethane	ND		47	4.5	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
Vinyl chloride	ND		47	5.8	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1
Xylenes, Total	**28**	**J**	94	7.9	ug/Kg	☼	12/05/14 12:26	12/08/14 05:21	1

Client Sample ID: S-3

Date Collected: 12/03/14 14:50
Date Received: 12/04/14 14:35

Lab Sample ID: 480-72429-5

Matrix: Solid
Percent Solids: 52.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*105*		*64 - 126*	*12/05/14 12:26*	*12/08/14 05:21*	*1*
Toluene-d8 (Surr)	*101*		*71 - 125*	*12/05/14 12:26*	*12/08/14 05:21*	*1*
4-Bromofluorobenzene (Surr)	*102*		*72 - 126*	*12/05/14 12:26*	*12/08/14 05:21*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		160	30	ug/Kg	☼	12/09/14 18:21	12/10/14 17:37	50
4,4'-DDE	**33**	**J**	160	33	ug/Kg	☼	12/09/14 18:21	12/10/14 17:37	50
4,4'-DDT	ND		160	36	ug/Kg	☼	12/09/14 18:21	12/10/14 17:37	50
Aldrin	ND		160	38	ug/Kg	☼	12/09/14 18:21	12/10/14 17:37	50
alpha-BHC	ND		160	28	ug/Kg	☼	12/09/14 18:21	12/10/14 17:37	50
alpha-Chlordane	ND		160	77	ug/Kg	☼	12/09/14 18:21	12/10/14 17:37	50
beta-BHC	ND		160	28	ug/Kg	☼	12/09/14 18:21	12/10/14 17:37	50
delta-BHC	ND		160	29	ug/Kg	☼	12/09/14 18:21	12/10/14 17:37	50
Dieldrin	ND		160	37	ug/Kg	☼	12/09/14 18:21	12/10/14 17:37	50
Endosulfan I	ND		160	30	ug/Kg	☼	12/09/14 18:21	12/10/14 17:37	50
Endosulfan II	ND		160	28	ug/Kg	☼	12/09/14 18:21	12/10/14 17:37	50
Endosulfan sulfate	ND		160	29	ug/Kg	☼	12/09/14 18:21	12/10/14 17:37	50
Endrin	ND		160	31	ug/Kg	☼	12/09/14 18:21	12/10/14 17:37	50
Endrin aldehyde	ND		160	40	ug/Kg	☼	12/09/14 18:21	12/10/14 17:37	50
Endrin ketone	ND		160	38	ug/Kg	☼	12/09/14 18:21	12/10/14 17:37	50
gamma-BHC (Lindane)	ND		160	29	ug/Kg	☼	12/09/14 18:21	12/10/14 17:37	50
gamma-Chlordane	ND		160	49	ug/Kg	☼	12/09/14 18:21	12/10/14 17:37	50
Heptachlor	ND		160	34	ug/Kg	☼	12/09/14 18:21	12/10/14 17:37	50
Heptachlor epoxide	ND		160	40	ug/Kg	☼	12/09/14 18:21	12/10/14 17:37	50
Methoxychlor	ND		160	32	ug/Kg	☼	12/09/14 18:21	12/10/14 17:37	50
Toxaphene	ND		1600	900	ug/Kg	☼	12/09/14 18:21	12/10/14 17:37	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*0*	*X*	*32 - 136*	*12/09/14 18:21*	*12/10/14 17:37*	*50*
Tetrachloro-m-xylene	*0*	*X*	*30 - 124*	*12/09/14 18:21*	*12/10/14 17:37*	*50*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		390	77	ug/Kg	☼	12/05/14 11:53	12/08/14 16:22	1
PCB-1221	ND		390	77	ug/Kg	☼	12/05/14 11:53	12/08/14 16:22	1
PCB-1232	ND		390	77	ug/Kg	☼	12/05/14 11:53	12/08/14 16:22	1
PCB-1242	ND		390	77	ug/Kg	☼	12/05/14 11:53	12/08/14 16:22	1
PCB-1248	ND		390	77	ug/Kg	☼	12/05/14 11:53	12/08/14 16:22	1
PCB-1254	**890**		390	180	ug/Kg	☼	12/05/14 11:53	12/08/14 16:22	1
PCB-1260	ND		390	180	ug/Kg	☼	12/05/14 11:53	12/08/14 16:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*83*		*47 - 176*	*12/05/14 11:53*	*12/08/14 16:22*	*1*
Tetrachloro-m-xylene	*97*		*46 - 175*	*12/05/14 11:53*	*12/08/14 16:22*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12.3**		3.8		mg/Kg	☼	12/10/14 11:07	12/12/14 01:52	1
Barium	**537**		0.94		mg/Kg	☼	12/10/14 11:07	12/12/14 01:52	1
Cadmium	**6.0**	**^**	0.38		mg/Kg	☼	12/10/14 11:07	12/12/14 01:52	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-72429-1

Client Sample ID: S-3
Date Collected: 12/03/14 14:50
Date Received: 12/04/14 14:35

Lab Sample ID: 480-72429-5
Matrix: Solid
Percent Solids: 52.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	4000		0.94		mg/Kg	☼	12/10/14 11:07	12/12/14 01:52	1
Lead	97.4		1.9		mg/Kg	☼	12/10/14 11:07	12/12/14 01:52	1
Selenium	ND		7.5		mg/Kg	☼	12/10/14 11:07	12/12/14 01:52	1
Silver	1.8		1.1		mg/Kg	☼	12/10/14 11:07	12/12/14 01:52	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	0.17		0.039		mg/Kg	☼	12/08/14 12:55	12/08/14 15:08	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-72429-1

Client Sample ID: S-2
Date Collected: 12/03/14 15:04
Date Received: 12/04/14 14:35

Lab Sample ID: 480-72429-6
Matrix: Solid
Percent Solids: 77.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.4	0.47	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
1,1,2,2-Tetrachloroethane	ND		6.4	1.0	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
1,1,2-Trichloroethane	ND		6.4	0.84	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.4	1.5	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
1,1-Dichloroethane	ND		6.4	0.79	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
1,1-Dichloroethene	ND		6.4	0.79	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
1,2,4-Trichlorobenzene	ND		6.4	0.39	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
1,2-Dibromo-3-Chloropropane	ND		6.4	3.2	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
1,2-Dibromoethane	ND		6.4	0.83	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
1,2-Dichlorobenzene	ND		6.4	0.50	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
1,2-Dichloroethane	ND		6.4	0.32	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
1,2-Dichloropropane	ND		6.4	3.2	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
1,3-Dichlorobenzene	ND		6.4	0.33	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
1,4-Dichlorobenzene	ND		6.4	0.90	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
2-Hexanone	ND		32	3.2	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
2-Butanone (MEK)	**28**	**J ***	32	2.4	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
4-Methyl-2-pentanone (MIBK)	ND		32	2.1	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
Acetone	**24**	**J**	32	5.4	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
Benzene	ND		6.4	0.32	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
Bromodichloromethane	ND		6.4	0.86	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
Bromoform	ND		6.4	3.2	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
Bromomethane	ND		6.4	0.58	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
Carbon disulfide	ND		6.4	3.2	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
Carbon tetrachloride	ND		6.4	0.62	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
Chlorobenzene	ND		6.4	0.85	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
Dibromochloromethane	ND		6.4	0.83	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
Chloroethane	ND	*	6.4	1.5	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
Chloroform	ND		6.4	0.40	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
Chloromethane	ND		6.4	0.39	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
cis-1,2-Dichloroethene	ND		6.4	0.83	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
cis-1,3-Dichloropropene	ND		6.4	0.93	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
Cyclohexane	ND		6.4	0.90	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
Dichlorodifluoromethane	ND		6.4	0.53	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
Ethylbenzene	ND		6.4	0.44	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
Isopropylbenzene	ND		6.4	0.97	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
Methyl acetate	ND		6.4	3.9	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
Methyl tert-butyl ether	ND		6.4	0.63	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
Methylcyclohexane	ND		6.4	0.98	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
Methylene Chloride	ND		6.4	3.0	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
Styrene	ND		6.4	0.32	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
Tetrachloroethene	ND		6.4	0.87	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
Toluene	ND		6.4	0.49	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
trans-1,2-Dichloroethene	ND		6.4	0.67	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
trans-1,3-Dichloropropene	ND		6.4	2.8	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
Trichloroethene	ND		6.4	1.4	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
Trichlorofluoromethane	ND		6.4	0.61	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
Vinyl chloride	ND		6.4	0.79	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1
Xylenes, Total	ND		13	1.1	ug/Kg	☼	12/09/14 02:54	12/09/14 04:59	1

Client Sample ID: S-2

Date Collected: 12/03/14 15:04
Date Received: 12/04/14 14:35

Lab Sample ID: 480-72429-6

Matrix: Solid
Percent Solids: 77.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*108*		*64 - 126*	*12/09/14 02:54*	*12/09/14 04:59*	*1*
Toluene-d8 (Surr)	*100*		*71 - 125*	*12/09/14 02:54*	*12/09/14 04:59*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 126*	*12/09/14 02:54*	*12/09/14 04:59*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		21	4.2	ug/Kg	☼	12/09/14 18:21	12/10/14 17:55	10
4,4'-DDE	ND		21	4.5	ug/Kg	☼	12/09/14 18:21	12/10/14 17:55	10
4,4'-DDT	ND		21	5.0	ug/Kg	☼	12/09/14 18:21	12/10/14 17:55	10
Aldrin	ND		21	5.3	ug/Kg	☼	12/09/14 18:21	12/10/14 17:55	10
alpha-BHC	ND		21	3.9	ug/Kg	☼	12/09/14 18:21	12/10/14 17:55	10
alpha-Chlordane	ND		21	11	ug/Kg	☼	12/09/14 18:21	12/10/14 17:55	10
beta-BHC	ND		21	3.9	ug/Kg	☼	12/09/14 18:21	12/10/14 17:55	10
delta-BHC	ND		21	4.0	ug/Kg	☼	12/09/14 18:21	12/10/14 17:55	10
Dieldrin	ND		21	5.1	ug/Kg	☼	12/09/14 18:21	12/10/14 17:55	10
Endosulfan I	ND		21	4.1	ug/Kg	☼	12/09/14 18:21	12/10/14 17:55	10
Endosulfan II	ND		21	3.9	ug/Kg	☼	12/09/14 18:21	12/10/14 17:55	10
Endosulfan sulfate	ND		21	4.0	ug/Kg	☼	12/09/14 18:21	12/10/14 17:55	10
Endrin	ND		21	4.2	ug/Kg	☼	12/09/14 18:21	12/10/14 17:55	10
Endrin aldehyde	ND		21	5.5	ug/Kg	☼	12/09/14 18:21	12/10/14 17:55	10
Endrin ketone	ND		21	5.3	ug/Kg	☼	12/09/14 18:21	12/10/14 17:55	10
gamma-BHC (Lindane)	ND		21	3.9	ug/Kg	☼	12/09/14 18:21	12/10/14 17:55	10
gamma-Chlordane	ND		21	6.8	ug/Kg	☼	12/09/14 18:21	12/10/14 17:55	10
Heptachlor	ND		21	4.6	ug/Kg	☼	12/09/14 18:21	12/10/14 17:55	10
Heptachlor epoxide	ND		21	5.5	ug/Kg	☼	12/09/14 18:21	12/10/14 17:55	10
Methoxychlor	ND		21	4.4	ug/Kg	☼	12/09/14 18:21	12/10/14 17:55	10
Toxaphene	ND		210	120	ug/Kg	☼	12/09/14 18:21	12/10/14 17:55	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*0*	*X*	*32 - 136*	*12/09/14 18:21*	*12/10/14 17:55*	*10*
Tetrachloro-m-xylene	*70*		*30 - 124*	*12/09/14 18:21*	*12/10/14 17:55*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		270	54	ug/Kg	☼	12/05/14 11:53	12/08/14 16:37	1
PCB-1221	ND		270	54	ug/Kg	☼	12/05/14 11:53	12/08/14 16:37	1
PCB-1232	ND		270	54	ug/Kg	☼	12/05/14 11:53	12/08/14 16:37	1
PCB-1242	ND		270	54	ug/Kg	☼	12/05/14 11:53	12/08/14 16:37	1
PCB-1248	ND		270	54	ug/Kg	☼	12/05/14 11:53	12/08/14 16:37	1
PCB-1254	ND		270	130	ug/Kg	☼	12/05/14 11:53	12/08/14 16:37	1
PCB-1260	ND		270	130	ug/Kg	☼	12/05/14 11:53	12/08/14 16:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*116*		*47 - 176*	*12/05/14 11:53*	*12/08/14 16:37*	*1*
Tetrachloro-m-xylene	*123*		*46 - 175*	*12/05/14 11:53*	*12/08/14 16:37*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.6		mg/Kg	☼	12/10/14 11:07	12/12/14 01:54	1
Barium	**93.5**		0.65		mg/Kg	☼	12/10/14 11:07	12/12/14 01:54	1
Cadmium	**0.97**		0.26		mg/Kg	☼	12/10/14 11:07	12/12/14 18:12	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-72429-1

Client Sample ID: S-2
Date Collected: 12/03/14 15:04
Date Received: 12/04/14 14:35

Lab Sample ID: 480-72429-6
Matrix: Solid
Percent Solids: 77.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**401**		0.65		mg/Kg	☼	12/10/14 11:07	12/12/14 01:54	1
Lead	**18.3**		1.3		mg/Kg	☼	12/10/14 11:07	12/12/14 01:54	1
Selenium	ND		5.2		mg/Kg	☼	12/10/14 11:07	12/12/14 01:54	1
Silver	ND		0.79		mg/Kg	☼	12/10/14 11:07	12/12/14 01:54	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		0.024		mg/Kg	☼	12/08/14 12:55	12/08/14 15:10	1

Client Sample ID: BOTTOM-01

Lab Sample ID: 480-72429-1

Date Collected: 12/03/14 14:30

Matrix: Solid

Date Received: 12/04/14 14:35

Percent Solids: 74.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			217510	12/05/14 12:26	NMD1	TAL BUF
Total/NA	Analysis	8260C		1	217438	12/05/14 19:49	NMD1	TAL BUF
Total/NA	Prep	3550C			218150	12/09/14 18:21	RJS	TAL BUF
Total/NA	Analysis	8081B		50	218208	12/10/14 16:45	MAN	TAL BUF
Total/NA	Prep	3550C			217498	12/05/14 11:53	CAM	TAL BUF
Total/NA	Analysis	8082A		1	217703	12/08/14 15:22	DLE	TAL BUF
Total/NA	Prep	3050B			217900	12/08/14 11:10	EJT	TAL BUF
Total/NA	Analysis	6010C		1	218768	12/11/14 23:31	LMH	TAL BUF
Total/NA	Prep	7471B			217837	12/08/14 12:55	LRK	TAL BUF
Total/NA	Analysis	7471B		1	217995	12/08/14 15:01	LRK	TAL BUF
Total/NA	Analysis	Moisture		1	217355	12/04/14 20:53	MAC	TAL BUF

Client Sample ID: S-4

Lab Sample ID: 480-72429-2

Date Collected: 12/03/14 14:35

Matrix: Solid

Date Received: 12/04/14 14:35

Percent Solids: 82.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			217510	12/05/14 12:26	NMD1	TAL BUF
Total/NA	Analysis	8260C		1	217438	12/05/14 20:15	NMD1	TAL BUF
Total/NA	Prep	3550C			218150	12/09/14 18:21	RJS	TAL BUF
Total/NA	Analysis	8081B		1	218208	12/10/14 16:27	MAN	TAL BUF
Total/NA	Prep	3550C			217498	12/05/14 11:53	CAM	TAL BUF
Total/NA	Analysis	8082A		1	217703	12/08/14 15:37	DLE	TAL BUF
Total/NA	Prep	3050B			217900	12/08/14 11:10	EJT	TAL BUF
Total/NA	Analysis	6010C		1	218768	12/11/14 23:34	LMH	TAL BUF
Total/NA	Prep	7471B			217837	12/08/14 12:55	LRK	TAL BUF
Total/NA	Analysis	7471B		1	217995	12/08/14 15:03	LRK	TAL BUF
Total/NA	Analysis	Moisture		1	217355	12/04/14 20:53	MAC	TAL BUF

Client Sample ID: BOTTOM-02

Lab Sample ID: 480-72429-3

Date Collected: 12/03/14 14:40

Matrix: Solid

Date Received: 12/04/14 14:35

Percent Solids: 72.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			217510	12/05/14 12:26	NMD1	TAL BUF
Total/NA	Analysis	8260C		1	217438	12/05/14 20:40	NMD1	TAL BUF
Total/NA	Prep	3550C			218150	12/09/14 18:21	RJS	TAL BUF
Total/NA	Analysis	8081B		50	218208	12/10/14 17:02	MAN	TAL BUF
Total/NA	Prep	3550C			217498	12/05/14 11:53	CAM	TAL BUF
Total/NA	Analysis	8082A		1	217703	12/08/14 15:52	DLE	TAL BUF
Total/NA	Prep	3050B			217900	12/08/14 11:10	EJT	TAL BUF
Total/NA	Analysis	6010C		1	218768	12/11/14 23:37	LMH	TAL BUF
Total/NA	Prep	7471B			217837	12/08/14 12:55	LRK	TAL BUF

Client Sample ID: BOTTOM-02

Lab Sample ID: 480-72429-3

Date Collected: 12/03/14 14:40
Matrix: Solid
Date Received: 12/04/14 14:35
Percent Solids: 72.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7471B		1	217995	12/08/14 15:05	LRK	TAL BUF
Total/NA	Analysis	Moisture		1	217355	12/04/14 20:53	MAC	TAL BUF

Client Sample ID: S-1

Lab Sample ID: 480-72429-4

Date Collected: 12/03/14 14:45
Matrix: Solid
Date Received: 12/04/14 14:35
Percent Solids: 73.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			217744	12/08/14 02:00	CDC	TAL BUF
Total/NA	Analysis	8260C		1	217731	12/08/14 04:55	NMD1	TAL BUF
Total/NA	Prep	3550C			218150	12/09/14 18:21	RJS	TAL BUF
Total/NA	Analysis	8081B		10	218208	12/10/14 17:19	MAN	TAL BUF
Total/NA	Prep	3550C			217498	12/05/14 11:53	CAM	TAL BUF
Total/NA	Analysis	8082A		1	217703	12/08/14 16:07	DLE	TAL BUF
Total/NA	Prep	3050B			218228	12/10/14 11:07	TAS	TAL BUF
Total/NA	Analysis	6010C		1	218705	12/12/14 01:41	AMH	TAL BUF
Total/NA	Prep	7471B			217837	12/08/14 12:55	LRK	TAL BUF
Total/NA	Analysis	7471B		1	217995	12/08/14 15:06	LRK	TAL BUF
Total/NA	Analysis	Moisture		1	217355	12/04/14 20:53	MAC	TAL BUF

Client Sample ID: S-3

Lab Sample ID: 480-72429-5

Date Collected: 12/03/14 14:50
Matrix: Solid
Date Received: 12/04/14 14:35
Percent Solids: 52.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			217510	12/05/14 12:26	NMD1	TAL BUF
Total/NA	Analysis	8260C		1	217731	12/08/14 05:21	NMD1	TAL BUF
Total/NA	Prep	3550C			218150	12/09/14 18:21	RJS	TAL BUF
Total/NA	Analysis	8081B		50	218208	12/10/14 17:37	MAN	TAL BUF
Total/NA	Prep	3550C			217498	12/05/14 11:53	CAM	TAL BUF
Total/NA	Analysis	8082A		1	217703	12/08/14 16:22	DLE	TAL BUF
Total/NA	Prep	3050B			218228	12/10/14 11:07	TAS	TAL BUF
Total/NA	Analysis	6010C		1	218705	12/12/14 01:52	AMH	TAL BUF
Total/NA	Prep	7471B			217837	12/08/14 12:55	LRK	TAL BUF
Total/NA	Analysis	7471B		1	217995	12/08/14 15:08	LRK	TAL BUF
Total/NA	Analysis	Moisture		1	217355	12/04/14 20:53	MAC	TAL BUF

Client Sample ID: S-2

Lab Sample ID: 480-72429-6

Date Collected: 12/03/14 15:04
Matrix: Solid
Date Received: 12/04/14 14:35
Percent Solids: 77.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			217947	12/09/14 02:54	CDC	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-72429-1

Client Sample ID: S-2
Date Collected: 12/03/14 15:04
Date Received: 12/04/14 14:35

Lab Sample ID: 480-72429-6
Matrix: Solid
Percent Solids: 77.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	217939	12/09/14 04:59	NMD1	TAL BUF
Total/NA	Prep	3550C			218150	12/09/14 18:21	RJS	TAL BUF
Total/NA	Analysis	8081B		10	218208	12/10/14 17:55	MAN	TAL BUF
Total/NA	Prep	3550C			217498	12/05/14 11:53	CAM	TAL BUF
Total/NA	Analysis	8082A		1	217703	12/08/14 16:37	DLE	TAL BUF
Total/NA	Prep	3050B			218228	12/10/14 11:07	TAS	TAL BUF
Total/NA	Analysis	6010C		1	218705	12/12/14 01:54	AMH	TAL BUF
Total/NA	Prep	3050B			218228	12/10/14 11:07	TAS	TAL BUF
Total/NA	Analysis	6010C		1	218954	12/12/14 18:12	AMH	TAL BUF
Total/NA	Prep	7471B			217837	12/08/14 12:55	LRK	TAL BUF
Total/NA	Analysis	7471B		1	217995	12/08/14 15:10	LRK	TAL BUF
Total/NA	Analysis	Moisture		1	217355	12/04/14 20:53	MAC	TAL BUF

Laboratory References:

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

Certification Summary

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-72429-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-15

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

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

Method Summary

Client: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-72429-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8081B	Organochlorine Pesticides (GC)	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7471B	Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	SW846	TAL BUF
Moisture	Percent Moisture	EPA	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: New York State D.E.C.
Project/Site: NYSDEC - Barthelmes Mfg: Site# 828122

TestAmerica Job ID: 480-72429-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-72429-1	BOTTOM-01	Solid	12/03/14 14:30	12/04/14 14:35
480-72429-2	S-4	Solid	12/03/14 14:35	12/04/14 14:35
480-72429-3	BOTTOM-02	Solid	12/03/14 14:40	12/04/14 14:35
480-72429-4	S-1	Solid	12/03/14 14:45	12/04/14 14:35
480-72429-5	S-3	Solid	12/03/14 14:50	12/04/14 14:35
480-72429-6	S-2	Solid	12/03/14 15:04	12/04/14 14:35

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☑

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: NYSDEC	Project Manager: Josh Haugh	Date: 12-3-14	Chain of Custody Number: 214153
Address: 625 Broadway, 12th Flor	Telephone Number (Area Code)/Fax Number: (518) 402-9819	Lab Number:	Page 1 of 1
City: Albany / State: NY / Zip Code: 12233	Site Contact: E-Popken (GES)	Lab Contact: BJF	
Project Name and Location (State): Bartholmes Manufactury	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: Site # 828122			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	#	Analysis: TCL VOCs	TCL SVOCs	Pest - 8081	TAL Metals - 6010	Special Instructions/ Conditions of Receipt
Bottom-1	12-3-14	1430				X	X						3	X	X	X	X	
S-4		1435											3	X	X	X	X	
Bottom-2		1440											3	X	X	X	X	
S-1		1445											3	X	X	X	X	
S-3		1450											3	X	X	X	X	
S-2		1504											3	X	X	X	X	

480-72429 Chain of Custody

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

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

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☑ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Relinquished By	Date	Time	Received By	Date	Time
1.		12-3-14	1845	To Sample Fridge		
2.		12/5/14	1400		12/4/14	1410
3.		12/4/14	1435	TA Staff	14:35	12/4/14

Comments: Category B Deliverable

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-72429-1

Login Number: 72429

List Source: TestAmerica Buffalo

List Number: 1

Creator: Robison, Zachary 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.	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	NYS DEC
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	

Data Usability Summary Report

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

NYSDEC-Barthelmes MFG: Site #828122
TestAmerica Laboratories, Inc. SDG#480-76309-1
June 17, 2015
Sampling date: 3/4, 5/2015

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 Groundwater and Environmental Services, project located at NYSDEC-Barthelmes MFG: Site #828122, TestAmerica Laboratories, Inc. (TestAmerica) SDG #480-76309-1 submitted to Vali-Data of WNY, LLC on May 22, 2015. 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 Volatile Organics (8260C), SVOC (8270D), Pesticides (8081B), PCB (8082A), Inorganics (6010C), Mercury (7471B) and in accordance with wet chemistry methods.

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 except where qualified below in Method Blank.
All samples could be considered biased low because they were not collected according to 5035-L/5035A-L low level specifications.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met except no MDL study was included. Method Detection limits were

recorded on the Form 1's. Results were not recorded to three 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.

METHOD BLANK
All criteria were met except Acetone was detected above the MDL, below the reporting limit and is qualified as estimated in MB 480-229930/2-A. Acetone should be reported as 'undetected' at the reporting limit, if detected in the samples above the MDL but below the reporting limit. If Acetone was detected above the reporting limit in the samples, then it should be qualified as estimated.

FIELD DUPLICATE SAMPLE PRECISION
No field duplicate was acquired.

LABORATORY CONTROL SAMPLES
All criteria were met.

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

COMPOUND QUANTITATION
All criteria were met.

INITIAL CALIBRATION
All criteria were met.
Alternate forms of regression were performed on all target analytes in the initial calibrations whose %RSD >20.0%, yielding acceptable results.

CONTINUING CALIBRATION
All criteria were met.

GC/MS PERFORMANCE CHECK
All criteria were met.

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
-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; S-5 and S-7 were diluted due to sample matrix.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met except no MDL study was included. Method Detection limits were recorded on the Form 1's. Results were not recorded to three 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
No field duplicate was acquired.

LABORATORY CONTROL SAMPLES
All criteria were met.

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

COMPOUND QUANTITATION
All criteria were met.

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

CONTINUING CALIBRATION
All criteria were met.

GC/MS PERFORMANCE CHECK
All criteria were met.

PESTICIDES

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
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate 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 as estimated below in MS/MSD and Compound Quantitation.
Samples; S-5, S-5MS/MSD, Bottom 3 and S-7 were diluted due to sample matrix.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met except no MDL study was included. Method Detection limits were recorded on the Form 1's. Results were not recorded to three 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 for the samples were met.

SURROGATE SPIKE RECOVERIES
All criteria were met except the %Rec of DCBP off both columns was outside QC limits in S-5MSD due to dilution, so no further action is required.

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
All criteria were met except the %Rec of 4,4'-DDT and Endosulfan II was outside QC limits, high in S-5MS/MSD. These target analytes should be qualified as estimated in S-5 if detected.
The %Rec of Dieldrin and gamma-Chlordane was outside QC limits, low in S-5MS/MSD. The

RPD between the matrix spike and the matrix spike duplicate was outside QC limits for gamma-Chlordane. These target analytes should be qualified as estimated in S-5.
The RPD between the columns was outside QC limits for Heptachlor epoxide, gamma-Chlordane, 4,4'-DDE, Endosulfan I, Dieldrin, Endrin, 4,4'-DDD, Endosulfan II, 4,4'-DDT and Endrin Aldehyde in S-5MS. The RPD between the columns was outside QC limits for Heptachlor epoxide, gamma-Chlordane, Dieldrin, Endrin, Endosulfan II, 4,4'-DDT and beta-BHC in S-5MSD. These target analytes should be qualified as estimated in the associated matrix spike or matrix spike duplicate.

COMPOUND QUANTITATION
All criteria were met except the RPD between the columns was outside QC limits for all detects in S-5. The RPD between the columns was outside QC limits for delta-BHC in S-6. These target analytes should be qualified as estimated in the associated samples.

INITIAL CALIBRATION
All criteria were met except alternate forms of regression were used on all target analytes and surrogates. The results were within QC limits, so no further action is required.

CONTINUING CALIBRATION
All criteria were met.

PCB

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
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate 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 but are qualified below in MS/MSD and Continuing Calibration.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met except no MDL study was included. Method Detection limits were recorded on the Form 1's. Results were not recorded to three 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 for the samples 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
All criteria were met except the %Rec of Aroclor 1260 was outside QC limits, high in S-6MS/MSD and should be qualified as estimated in S-6MS/MSD and S-6 if detected.

COMPOUND QUANTITATION
All criteria were met.

INITIAL CALIBRATION
All criteria were met.

CONTINUING CALIBRATION
All criteria were met except the %D of Aroclor 1260 peaks 1, 2 and TCMX was outside QC limits in CCV 480-229837/1 and CCV 480-229837/10 off column ZB-35. The %D of Aroclor 1260 peaks 3, 4 and TCMX was outside QC limits in CCV 480-229996/1 and CCV 480-229996/10 off column

ZB-5. The %D of Aroclor 1260 peaks 2, 4 was outside QC limits in CCV 480-229996/1 and CCV 480-229996/10 off column ZB-35. These target analytes should be qualified as estimated in the associated samples, blanks and spikes.

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
- -Method Blank
- -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 MS/MSD and Calibration.
Target analytes were reported as detected if their concentration was at or above the reporting limit.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met except no MDL study was included. Method Detection limits were recorded on the Form 1's. Results were not recorded to three 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.

METHOD BLANK
All criteria were met.

LABORATORY CONTROL SAMPLE
All criteria were met.

MS/MSD
All criteria were met except the %Rec of Cr was outside QC limits, high in S-5MSD, low in S-5MS and the RPD between S-5MS and S-5MSD was outside QC limits. Cr should be qualified as estimated in S-5

FIELD DUPLICATE
No field duplicate was acquired.

SERIAL DILUTION
All criteria were met.

COMPOUND QUANITATION
All criteria were met.

CALIBRATION
All criteria were met except the %Rec of As was outside QC limits, high in ICVL 480-229995/7 and CCVL 480-229995/39, 48. The %Rec of Ba was outside QC limits, high in CCVL 480-229995/15. The %Rec of Pb was outside QC limits, high in CCVL 480-229995/27. Associated samples, blanks and spikes in which these target analytes were detected should be qualified as estimated high.
The %Rec of Se and Ag was outside QC limits, low in CCVL 480-229995/15, 39. The %Rec of Se was outside QC limits, low in CCVL 480-229995/27. The %Rec of Cr, Se and Ag was outside QC limits, low in CCVL 480-229995/48. These target analytes should be qualified as estimated in associated samples, blanks and spikes.

GENERAL CHEMISTRY

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

- Percent Moisture

The items listed above were technically in compliance with the method and SOP criteria with any 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.

PERCENT MOISTURE

All criteria were met.

Data Usability Summary Report

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

NYSDEC-Barthelmes MFG: Site#828122
TestAmerica Laboratories, Inc. SDG#480-72429-1
June 18, 2015
Sampling date: 12/3/2014

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 Groundwater and Environmental Services, project located at NYSDEC-Barthelmes MFG: Site#828122, TestAmerica Laboratories, Inc. (TestAmerica) SDG #480-72429-1 submitted to Vali-Data of WNY, LLC on May 22, 2015. 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 Volatile Organics (8260C), SVOC (8270D), Pesticides (8081B), PCB (8082A), Inorganics (6010C), Mercury (7471B) and in accordance with wet chemistry methods.

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.
Lower samples weights were used for samples; Bottom-01, Bottom-02 and S-3 due to the sample matrix.
All samples, except S-4, could be considered biased low because they were not collected according to 5035-L/5035A-L low level specifications.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met except no MDL study was included. Method Detection limits were recorded on the Form 1's. Results were not recorded to three 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.

METHOD BLANK
All 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 criteria were met.

INITIAL CALIBRATION
All criteria were met.

CONTINUING CALIBRATION
All criteria were met.

GC/MS PERFORMANCE CHECK
All criteria were met.

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
-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 except where qualified below in Holding Times and Continuing Calibration.
All samples were diluted due to the sample matrix.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met except no MDL study was included. Method Detection limits were recorded on the Form 1's. Results were not recorded to three significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All samples were extracted outside of QC limits, so all target analytes should be qualified as estimated.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All 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 criteria were met.

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

CONTINUING CALIBRATION
All criteria were met.

GC/MS PERFORMANCE CHECK
All criteria were met.

PESTICIDES

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
- Surrogate Spike Recoveries
- Method Blank

- Field Duplicate 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 as estimated below in Method Blank, MS/MSD, Compound Quantitation and Continuing Calibration.
All of the samples and MS/MSD, except S-4, were diluted due to sample matrix.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met except no MDL study was included. Method Detection limits were recorded on the Form 1's. Results were not recorded to three 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 for the samples were met.

SURROGATE SPIKE RECOVERIES
All criteria were met except the %Rec of several surrogates was outside QC limits due to dilution, so no further action is required.

METHOD BLANK
All the criteria were met except alpha-BHC was detected above the MDL, below the reporting limit and is qualified as estimated in MB 480-218150/1-A. Alpha-BHC should be reported as 'undetected' at the reporting limit, if detected in the samples above the MDL but below the reporting limit. If alpha-BHC was detected above the reporting limit in the samples, then it should be qualified as estimated.

FIELD DUPLICATE SAMPLE PRECISION
No field duplicate was acquired.

LABORATORY CONTROL SAMPLES
All criteria were met.

MS/MSD
All criteria were met except the RPD between the matrix spike and the matrix spike duplicate was outside laboratory QC limits for alpha-BHC. This target analyte should be qualified as estimated in S-4 and S-4MS/MSD.

COMPOUND QUANTITATION
All criteria were met except the RPD between the columns was outside the QC limits for delta-BHC and 4,4'-DDE in Bottom-01, Endosulfan Sulfate in S-4MS and LCS 480-218150/2-A, delta-BHC, Dieldrin and Endosulfan Sulfate in S-4MSD, 4,4'-DDE in Bottom-02 and 4,4'-DDT in S-1. These target analytes should be qualified as estimated in the associated sample.

INITIAL CALIBRATION
All criteria were met except alternate forms of regression were used on all target analytes and surrogates. The results were within QC limits, so no further action is required.

CONTINUING CALIBRATION
All criteria were met except the %D of DCBP was outside QC limits in CCV 480-218208/25 off column RTX-CLPI. The %D of Heptachlor was outside QC limits, in CCV 480-218208/36 off column RTX-CLPII. These target analytes should be qualified as estimated in the associated samples, blanks and spikes off the associated column.

PCB

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
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate 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 but are qualified below in Laboratory Control Samples, MS/MSD, Compound Quantitation, Initial Calibration and Continuing Calibration.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met except no MDL study was included. Method Detection limits were recorded on the Form 1's. Results were not recorded to three 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 for the samples 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 except the %Rec of Aroclor 1016 was outside ASP QC limits in LCS 480-217498/2-A and should be qualified as estimated.

MS/MSD
All criteria were met except the %Rec of Aroclor 1260 was outside QC limits, high in Bottom-01MSD. The RPD of Aroclor 1260 between Bottom-01MS and Bottom-01MSD was outside QC limits and should be qualified as estimated in Bottom-01.
The RPD between the columns was outside QC limits for Aroclor 1254 in Bottom-01MS/MSD and should be qualified as estimated. The RPD between the columns was outside QC limits for Aroclor 1260 in Bottom-01MSD and should be qualified as estimated.
The concentration of Aroclor 1254 in Bottom-01MSD was high, thus could not be evaluated for accuracy and precision.

COMPOUND QUANTITATION
All criteria were met except the RPD between the columns was outside QC limits for Aroclor 1254 in Bottom-01 and Bottom-02 and should be qualified as estimated in these samples.

INITIAL CALIBRATION
All criteria were met except a single point calibration was used for Aroclor 1254. ASP requires a five point calibration for all detected target analytes. Samples in which Aroclor 1254 was detected should be qualified as estimated for that target analyte.
Linear regression was applied to the TCMX data with acceptable results.

CONTINUING CALIBRATION
All criteria were met except the %D of DCBP was outside QC limits in CCV 480-217703/32, 44 off column ZB-5. The %D of Aroclor 1016 peaks 1-3, Aroclor 1260 peaks 1, 3 and DCBP was outside QC limits in CCV 480-217703/32 off column ZB-35. The %D of Aroclor 1016 peaks 1-4, Aroclor 1260 peaks 1, 3 and DCBP was outside QC limits in CCV 480-217703/44 off column ZB-35. Associated samples, blanks and spikes should be qualified as estimated for these target analytes.

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
- -Method Blank
- -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 Calibration.
Target analytes were reported as detected if their concentration was at or above the reporting limit.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met except no MDL study was included. Method Detection limits were recorded on the Form 1's. Results were not recorded to three 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.

METHOD BLANK
All criteria were met.

LABORATORY CONTROL SAMPLE
All criteria were met.

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

FIELD DUPLICATE
No field duplicate was acquired.

SERIAL DILUTION
No serial dilution was performed on these samples.

COMPOUND QUANTITATION
All criteria were met.

CALIBRATION
All criteria were met except the %Rec of Cd and Pb was outside QC limits, high in CCVL 480-218702/16, 24. The %Rec of Cd was outside QC limits, high in CCVL 480-218705/36, 48 and ICVL 480-218954/7, CCVL 480-218954/16, 33, 45. Associated samples in which these target analytes were detected should be qualified as estimated high.

The %Rec of Cr, Se and Ag was outside QC limits, low in ICVL 480-218768/7. The %Rec of Cr and Pb was outside QC limits, low in CCVL 480-218768/26. The %Rec of As was outside QC limits, low in CCVL 480-218768/38. The %Rec of Cr was outside QC limits, low in CCVL 480-218768/62. The %Rec of As and Cr was outside QC limits, low in CCVL 480-218705/16. The %Rec of Se and Ag was outside QC limits, low in CCVL 480-218705/24. The %Rec of Cr was outside QC limits, low in CCVL 480-218705/36. The %Rec of Ag was outside QC limits, low in CCVL 480-

218705/48. These target analytes should be qualified as estimated in associated samples.

GENERAL CHEMISTRY

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

- Percent Moisture

The items listed above were technically in compliance with the method and SOP criteria with any 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.

PERCENT MOISTURE
All criteria were met.