

June 21, 2017

Ms. Karen Cahill
NYS Department of Environmental Conservation
Division of Environmental Remediation
615 Erie Boulevard, West
Syracuse, New York 13204

Re: Interim Remedial Measure Completion Report
800 Hiawatha Boulevard West (former Roth Steel site)
NYSDEC BCP Site #C734083

Dear Ms. Cahill:

On behalf of the Onondaga County Industrial Development Agency (OCIDA), Spectra Engineering, Architecture and Surveying, P.C. is submitting this Interim Remedial Measure (IRM) Completion Report.

This report summarizes IRM activities that were proposed in the “Revised Interim Remedial Measures Work Plan”, dated October 2016. That Work Plan, which was approved by NYSDEC on October 25, 2016, proposed IRM cleanup activities related to three matters: drums and miscellaneous waste contained in Buildings 4 and 5; two large above-grade ASR Piles; and a portion of the Site where the Onondaga Lake Trail Extension Project is proposed to be constructed.

This report summarizes the activities completed between November 2016 and March 2017 related to drum/miscellaneous waste materials and the two ASR piles. Work has not yet been undertaken for the Trail since final design and approval for that project is still pending.

At the request of NYSDEC, Spectra has prepared this report to document the IRM activities completed to date.

DRUMS AND MISCELLANEOUS WASTE REMOVAL

As proposed in the Revised IRM Work Plan, OCIDA removed and disposed of various 55 gallon drums (oils, automotive fluids, rainwater), assorted plastic containers, aerosol cans, paint cans, and drilling wastes (soil, drilling fluid) that were temporarily stored in Building 5. In addition, a drum of suspected PCB capacitors, found in Building 4, was also removed from the site. Prior to removing the PCB capacitors, a certified asbestos abatement contractor (Asbestos Environmental Services, Inc.) entered Building 4 on November 19, 2016, placed the capacitors in sealed plastic bags, and moved them into Building 5. This material was treated as “asbestos-contaminated” due to the presence of broken floor tiles near the capacitor drum that contained asbestos. The “bagging” of the capacitors was conducted in accordance with a plan approved by the New York State Department of Labor (NYSDOL). The drum that contained the capacitors was also bagged and treated as PCB/asbestos waste. Attachment 1 contains the proposed asbestos variance plan, NYSDOL plan approval, and a work completion statement prepared by Asbestos Environmental Services.

As indicated in the Revised IRM Work Plan, the various waste materials in Building 5 were segregated into groups of “like” materials by Spectra and its subcontractor (Veolia Environmental Services) based on physical appearance of the contents and any existing labels. Sixteen composite samples were collected from the waste materials on August 3, 2016 and submitted to Test America for analysis of VOC, metals, PCBs, or physical properties, depending on the waste type. Based upon the results of this initial composite sampling, additional samples of certain individual containers were collected on September 14, 2016 and sent to the lab for further evaluation of VOCs, PCBs, flashpoint, or pH. Analytical results for the drum testing are provided on a CD in Attachment 2.

Based upon the laboratory testing, the majority of the materials were non-hazardous. However, two drums from group K (K1, K4) were classified as hazardous based on benzene; one drum from group K (K5) was classified hazardous based on tetrachloroethylene; and one drilling waste water container (WW2) was hazardous because of an elevated pH level. In addition, a drum labeled as mineral spirits and a lab pack with miscellaneous small containers (e.g. aerosol cans, paints) were classified as ignitable hazardous waste.

Between December 22, 2016 and January 23, 2017, Veolia picked up and transported the waste materials to off-site disposal facilities. The majority of the wastes (hazardous and non-hazardous) were taken to the Veolia facility in West Carrollton, Ohio. The PCB/asbestos waste was taken to a U.S. Ecology facility in Belleville, Michigan. Several empty metal drums, containing no wastes, were taken to Kearny Steel in Newark, New Jersey. In total, 56 drums of “auto waste” liquids were removed, including the three that were classified as hazardous waste. Removal also included 11 drums of drill cuttings, 7 rainwater drums, three 250 gallon totes of drilling fluid (one of which was hazardous waste), one drum of DECON water, one drum of mineral spirits, the capacitor/asbestos materials, one drum of PPE, and one lab pack of aerosol cans/paints. Copies of the waste manifests for these materials are provided in Attachment 3.

REMOVAL OF ASR WASTE PILES 1 AND 2

As indicated in the Revised IRM Work Plan, two large aboveground ASR Piles were proposed to be excavated and taken for off-site disposal. In an October 28, 2016 correspondence to Spectra, USEPA indicated that it would be acceptable for this waste to be disposed of at a permitted solid waste landfill, in accordance with 40 CFR 761.62 (b). During the process of arranging for disposal at such a facility, NYSDEC Materials Management Staff in Region 8 requested additional TCLP testing to further evaluate lead concentrations. On December 14, 2016, Spectra and Abscope Environmental utilized an excavator to collect eight additional samples, four from each pile. Those samples were analyzed by Test America for TCLP lead with the results ranging from 0.20 – 0.63 mg/l, which are all less than the hazardous waste threshold of 5 mg/l. Prior to leaving the Site, the excavator was decontaminated and the fluids were containerized in Building 5 for subsequent removal by Veolia. On January 11, 2017, NYSDEC issued a letter approving the use of ASR wastes as Alternative Daily Cover at the Ontario County landfill. This is a NYSDEC-permitted solid waste facility. Seneca Meadows Landfill, a similarly-permitted facility, also agreed to accept the waste as daily cover. Attachment 4 contains the December 2016 analytical results and NYSDEC’s BUD approval.

Between February 20 and March 7, 2017, Neu-velle, LLC, with Spectra oversight, removed approximately 2,545 tons of ASR waste from the site. NYSDEC was also present during some of the ASR removal activities. The ASR waste was excavated, loaded and transported to Ontario County and Seneca Meadows Landfills. In total, 98 truckloads of waste were removed with individual loads ranging from 9.3 to 40.3 tons. Attachment 4 contains an inventory of all of the ASR waste loads,

their destinations, and manifest numbers. Upwind and downwind CAMP monitoring was performed during the excavation and loading process in accordance with the Work Plan. No air monitoring thresholds were exceeded. Of the 2,545 tons of ASR that were removed, 1,778 tons went to Seneca Meadows Landfill and 767 tons were taken to the Ontario County Landfill. At the completion of the project, the excavating equipment was decontaminated and the resulting liquid was drummed and taken to Covanta Environmental Solutions in Niagara Falls (see Attachment 4).

ONONDAGA LAKE TRAIL EXTENSION

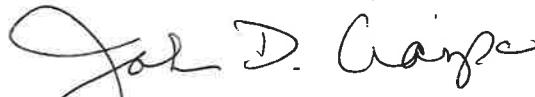
Additional IRM activities related to the Trail construction were also proposed in Spectra's October 2016 Revised IRM Work Plan and a related Self-Implementing Cleanup and Disposal Notification, submitted to USEPA in December 2016. Both of those plans proposed sampling, excavation, and capping in connection with Trail construction.

Additional sampling requirements were specified in Spectra's February 17, 2017 Notification Amendment (submitted to USEPA) and NYSDEC's May 18, 2017 comment letter on the Design Report (March 2017) for the Trail. Spectra will complete the required sampling program once a final design has been prepared for the pedestrian bridge piers to be constructed on the Roth Steel site. Those sampling results will be transmitted to NYSDEC and USEPA, along with detailed excavation/capping plans in the vicinity of the piers and along the trail.

If you have any questions on these activities, do not hesitate to contact me at (518) 782-0882 or jciampa@spectraenv.com.

Yours truly,

SPECTRA ENGINEERING, ARCHITECTURE
AND SURVEYING, P.C.



John D. Ciampa, P.G.
Director of Environmental Remediation

Attachments

cc w/ att.: I. Harris, OCIDA
J. Cerio, OCIDA (letter only)
T. Glazier, Onondaga County
A. Rivizzigno, Esq., Gilberti Law
S. Wagh, NYSDOH
M. Schuck, NYSDOH (letter only)
J. Sluzar, Esq., NYSDEC (letter only)
J. Haklar, Ph.D., USEPA
R. P. Kinchen Central Library

JDC/em

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ATTACHMENT 1
ASBESTOS RELATED DOCUMENTATION

Division of Safety and Health
Engineering Services Unit

Department of Labor
W. Averell Harriman State Office Campus
Building 12, Room 154, Albany, NY 12240
www.labor.ny.gov
518-457-1536

September 30, 2016

Ambient Environmental Inc.
828 Washington Ave
Albany, NY 12203

RE: File No. 16-0840

Dear Sir/Madam:

**STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH**

The attached is a copy of Decision, dated, 9/29/2016, which I have compared with the original filed in this office and which I DO HEREBY CERTIFY to be a correct transcript of the text of the said original.

If you are aggrieved by this decision you may appeal within 60 days from its issuance to the Industrial Board of Appeals as provided by Section 101 of the Labor Law. Your appeal should be addressed to the Industrial Board of Appeals, State Office Building Campus, Building 12, Room 116, Albany, New York, 12240 as prescribed by its Rules and Procedure, a copy of which may be obtained upon request.

WITNESS my hand and the seal of the
NYS Department of Labor, at the City of
Albany, on this day of 9/29/2016.



Edward A. Smith, P.E.
Associate Safety and Health Engineer



Department
of Labor

STATE OF NEW YORK
DEPARTMENT OF LABOR
STATE OFFICE BUILDING CAMPUS
ALBANY, NEW YORK 12240-0100

Variance Petition

Of

Ambient Environmental, Inc
Petitioner's Agent on Behalf of

Onondaga County Industrial Development Agency
Petitioner

in re

Premises: Former Roth Steel
800 Hiawatha Boulevard
Syracuse, NY

Delayed Non-friable ACM Debris Cleanup

File No. 16-0840

DECISION

Case(s) 1

ICR 56

The Petitioner, pursuant to Section 30 of the Labor Law, having filed Petition No. 16-0840 on July 12, 2016 with the Commissioner of Labor for a variance from the provisions of Industrial Code Rule 56 as hereinafter cited on the grounds that there are practical difficulties or unnecessary hardship in carrying out the provisions of said Rule; and the Commissioner of Labor having reviewed the submission of the petitioner dated July 5, 2016; and

Upon considering the merits of the alleged practical difficulties or unnecessary hardship and upon the record herein, the Commissioner of Labor does hereby take the following actions:

Case No. 1

ICR 56-1.5

VARIANCE GRANTED. The Petitioner's proposal for delay in interior non-friable floor tiles/mastic debris cleanup, at the subject premises in accordance with the attached 11-page stamped copy of the Petitioner's submittal, is accepted; subject to the Conditions noted below:

THE CONDITIONS

1. As written with modifications as noted.
2. Since the property is under NYSDEC Brownfields program, conceptual concurrence must be obtained from NYSDEC for this delay in non-friable floor tiles/mastic debris cleanup.
3. Uncertified personnel shall not be allowed to access the asbestos waste disturbance/work area(s). All personnel/workers utilized for accessing or removal activities must be certified in compliance with ICR 56-3.2.
4. Usage of this variance is limited to those asbestos removals identified in this variance or as outlined in the Petitioner's proposal.

In addition to the conditions required by the above specific variances, the Petitioner shall also comply with the following general conditions:

GENERAL CONDITIONS

1. A copy of this DECISION and the Petitioner's proposals shall be conspicuously displayed at the entrance to the personal decontamination enclosure.
2. This DECISION shall apply only to the removal of asbestos-containing materials from the aforementioned areas of the subject premises.
3. The Petitioner shall comply with all other applicable provisions of Industrial Code Rule 56-1 through 56-12.
4. The NYS Department of Labor Engineering Service Unit retains full authority to interpret this variance for compliance herewith and for compliance with Labor Law Article 30. Any deviation to the conditions leading to this variance shall render this variance Null and Void pursuant to 12NYCRR 56-12.2. Any questions regarding the conditions supporting the need for this variance and/or regarding compliance hereto must be directed to the Engineering Services Unit for clarification.
5. This DECISION shall terminate on September 30, 2017.

6.

Date: September 29, 2016

By

ROBERTA L. REARDON
COMMISSIONER OF LABOR



Edward A. Smith, P.E.
Associate Safety and Health Engineer

PREPARED BY: Ravi Pilar, P.E.
Senior Safety and Health Engineer

REVIEWED BY: Edward A. Smith, P.E.
Associate Safety and Health Engineer

Subject: Attachment to Petition for a Site Specific Variance
Vacant Building
800 Hiawatha Boulevard
Syracuse, NY

Attached is a Petition for Variance submitted on behalf of the Owner related to the following:

Background

The above site is a vacant waste site and is in the Brownfields program. It is currently going through the stages required by NYS DEC for clean-up. Currently, one 55-gallon drum of capacitors is stored in room 15 (see attached photo and map). These capacitors are required to be removed and disposed of in accordance with the Plan. However, during a site walk-through for planning the removals it was discovered that there was a potential asbestos disturbance in the area of the capacitors. A contamination assessment was conducted of that area. The following criteria was used:

- Bulk samples were collected of loose and broken floor tile in Room 15. The floor tile is positive for asbestos. The mastic is negative for asbestos (see attached results).
- A visual inspection of the affected area was conducted. The floor tile is in half of room 15 and may be scattered in the other half, however, there is a lot of other material (including the capacitors) on the floor inhibiting the view.
- One air sample was collected in room 3 just outside another floor tile disturbance area. The PCM air sample result was below 0.01 f/cc. The results are attached to this petition.
- Based upon the above criteria an asbestos clean-up of areas inside the building will need to be conducted.

We are requesting relief from performing immediate asbestos clean-up based on the plan of dealing with the capacitors first and the asbestos at a later date.

Answer to No. 9 – ICR 56 Relief Sought

Code Rule 56 Section	Title	Containment Type
56-1.5	Responsibility of Clean-up for Uncontrolled Disturbance	Per SSV

Answer to No. 11 – Proposed Abatement Method Description

The intent of the following procedures will be to allow the asbestos abatement contractor to go into the building and remove the capacitors and dispose of them as asbestos containing material. The capacitors will be taken to a landfill that takes both PCBs and asbestos. The asbestos disturbance will be cleaned-up at a later date.

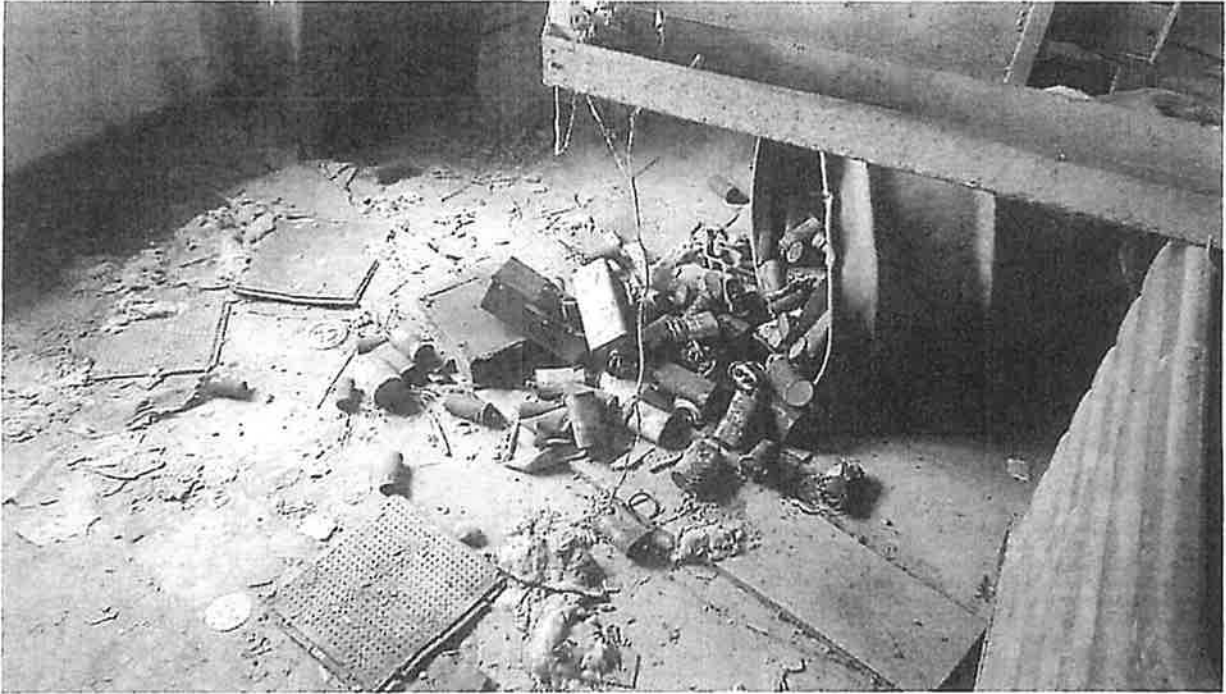
1. Only certified persons or authorized visitors shall be allowed within the abatement work area. → PPE as appropriate is required. 10/29/16
Galia Viscusi
01-14282

2. A small project sized personal and waste decontamination enclosure will be utilized for this project. The decontamination enclosure will be attached to the work area. Most likely at the entrance of room 5. A poly drop cloth will be placed on the ground for a pathway from room 5 to room 15 where the capacitors are located (room 5 also has damaged floor tile).
3. A full time project monitor will be on site at any time the abatement contractor is working.
4. The contractor will post appropriate signage, which will remain in place once the abatement contractor has demobilized from the work area.
5. Negative air pressure will be installed, however, it will serve as an engineering control only and not maintain 4 air changes per hour. There will not be any clean-up or removals conducted. Critical barriers shall not be installed within the regulated work area as the contractor will only be picking up the capacitors and placing them in asbestos bags and then exiting the work area.
6. Daily air sampling or final clearance air sampling shall not be conducted as the asbestos and incidental disturbance of debris will remain inside the work area until a later date.
7. Once the work area set-up is complete in accordance with this variance, the contractor shall conduct the following:
 - a. enter the work area through the decontamination system enclosure;
 - b. gather the capacitors and place them into an asbestos bag;
 - c. seal the asbestos bags appropriately and take them through the waste out for disposal to a landfill that accepts asbestos and PCBs.
8. Once all the capacitors have been removed from the work area, the contractor may demobilize from the work area.
9. Asbestos signs will remain posted on the entrances to the building until the incidental disturbance can be cleaned up, and a hard wall barrier will be placed over the entrance to room 3 to inhibit entry into the contaminated areas.

These signs shall be inspected ^{by certified professional} quarterly to ensure that they are in good condition. If not, shall be repaired/replaced.

1w
7/27/06

Joella Viscusi
01-19282



Capacitors scheduled for removal

*Joella Viscelli
01-19282*



Ambient Environmental, Inc.
Comprehensive Building Science Solutions
12 Cortus Ave. Albany, NY 12204
PH: 518-412-0704 FAX: 518-482-0710

PROJECT NUMBER 1604214E

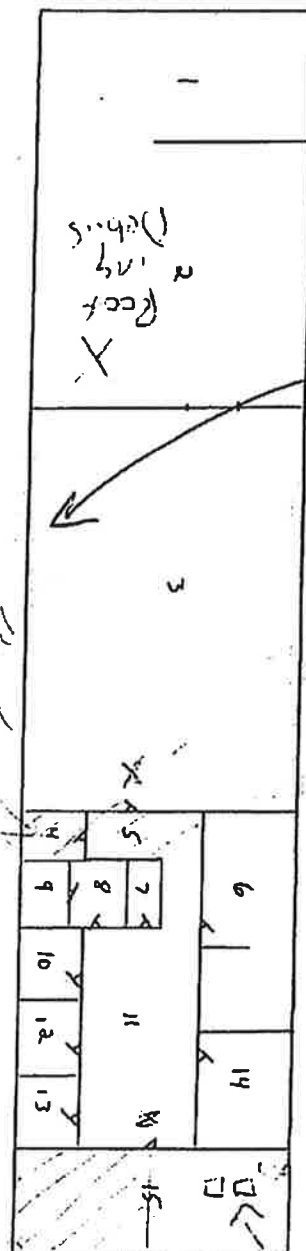
SHEET 1 OF 1

DATE 4/25/16

PHASE Contamination Assessment

CLIENT Spectra Env group

PROJECT Former Roth Steel



Overhead doors

Air Sample Location

Jalla Viscusi
01-14282

PCBS leaking
Transferring
400 SF
72 in
Roof
200 SF
or distance

Drainage FT
Rect



AmeriSci New York

117 EAST 30TH ST.
NEW YORK, NY 10016

TEL: (212) 679-8800 • FAX: (212) 879-3114

PLM Bulk Asbestos Report

Ambient Environmental, Inc.
Attn: Joella Viscusi
12 Colvin Avenue

Albany, NY 12206

Date Received 06/03/16 AmeriSci Job # 216061455
Date Examined 06/07/16 P.O. #
ELAP # 11480 Page 1 of 3
RE: 160421AE; Spectra Env. Group; Former Roth Steel, 00
Hiawatha Blvd., Syracuse, Building 4, Int.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
01-01 01	216061455-01 Location: Rm. 3 - Sheetrock	No	NAD (by NYS ELAP 198.1) by Jared C. Clarke on 06/07/16
Analyst Description: OffWhite/Brown, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 5 %, Non-fibrous 95 %			
01-02 01	216061455-02 Location: Rm. 3 - Sheetrock	No	NAD (by NYS ELAP 198.1) by Jared C. Clarke on 06/07/16
Analyst Description: OffWhite/Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 3 %, Non-fibrous 97 %			
02-01 02	216061455-03 Location: Rm. 14 - FG Ins. Backing	No	NAD (by NYS ELAP 198.6) by Jared C. Clarke on 06/07/16
Analyst Description: Black/Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass Trace, Non-fibrous 0.6 %			
02-02 02	216061455-04 Location: Rm. 10 - FG Ins. Backing	No	NAD (by NYS ELAP 198.8) by Jared C. Clarke on 06/07/16
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass Trace, Non-fibrous 0.6 %			
03-01 03	216061455-05 Location: Rm. 15 - 2 x 2 Ceiling Tile	No	NAD (by NYS ELAP 198.8) by Jared C. Clarke on 06/07/16
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 0.4 %			

See Reporting notes on last page

AmeriSci Job #: 216061455

Client Name: Ambient Environmental, Inc.

Page 2 of 3

PLM Bulk Asbestos Report160421AE; Spectra Env. Group; Former Roth Steel, 00
Hiawatha Blvd., Syracuse, Building 4, Int.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
03-02 03	216061455-06 Location: Rm. 15 - 2 x 2 Ceiling Tile	No	NAD (by NYS ELAP 198.6) by Jared C. Clarke on 08/07/16
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 0.6 %			
04-01 04	216061455-07 Location: Rm. 11 - 2 x 4 Ceiling Tile	No	NAD (by NYS ELAP 198.6) by Jared C. Clarke on 08/07/16
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 8.3 %			
04-02 04	216061455-08 Location: Rm. 11 - 2 x 4 Ceiling Tile	No	NAD (by NYS ELAP 198.6) by Jared C. Clarke on 08/07/16
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 4.2 %			
05-01 05	216061455-09 Location: Rm. 15 - Window Glaze	No	NAD (by NYS ELAP 198.6) by Jared C. Clarke on 08/07/16
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 8.7 %			
05-02 05	216061455-10 Location: Rm. 15 - Window Glaze	Yes	Trace (<0.25 % pc) ¹ (EPA 400 PC) by Jared C. Clarke on 08/07/16
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile <0.25 % pc Other Material: Non-fibrous 7.8 %			
06-01 06	216061455-11 Location: Rm. 5 - 9 x 9 Tile (Floor)	Yes	7.7 % (by NYS ELAP 198.6) by Jared C. Clarke on 08/07/16
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 7.7 % Other Material: Non-fibrous 21.2 %			

See Reporting notes on last page

AmeriSci Job #: 216081455

Page 3 of 3

Client Name: Ambient Environmental, Inc.

PLM Bulk Asbestos Report160421AE; Spectra Env. Group; Former Roth Steel, 00
Hiawatha Blvd., Syracuse, Building 4, Int.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
06-02 06	216081455-12 Location: Rm. 4 - 9 x 9 Tile (Floor)		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
07-01 07	216081455-13 Location: Rm. 5 - 9 x 9 Floor Tile Mastic	Yes	Trace (<0.25 % pc) ¹ (EPA 400 PC) by Jared C. Clarke on 08/07/16
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile <0.25 % pc Other Material: Non-fibrous 10.2 %			
07-02 07	216081455-14 Location: Rm. 4 - 9 x 9 Floor Tile Mastic	Yes	Trace (<0.25 % pc) ¹ (EPA 400 PC) by Jared C. Clarke on 08/07/16
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile <0.25 % pc Other Material: Non-fibrous 7.4 %			

Reporting Notes:

(1) Sample prepared for analysis by ELAP 198.6 method

Analyzed by: Jared C. Clarke

*NAD/NSD = no asbestos detected; NA = not analyzed; NA/PS = not analyzed/positive stop, (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP 200546-0), ELAP PLM Method 198.1 for NY friable samples, which includes the identification and quantitation of vermiculite or 198.6 for NOB samples or EPA 400 pt ct by EPA 600/M4-82-020 (NY ELAP Lab 11480); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive. TEM is currently the only method that can be used to determine if this material can be considered or treated as non asbestos-containing in NY State (also see EPA Advisory for floor tile, FR 59,148,38970,8/1/84) National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the lab. This PLM report relates ONLY to the items tested. AIHA-LAP, LLC Lab ID 102843, RI Cert AAL-094, CT Cert PH-0188, Mass Cert AA000054.

Reviewed By: _____

END OF REPORT _____

Table I
Summary of Bulk Asbestos Analysis Results
 160421AE; Spectra Env. Group; Former Roth Steel, 00 Hiawatha Blvd., Syracuse, Building 4, Int.

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	01-01	01	---	---	---	---	NAD	NA
Location: Rm. 3 - Sheetrock								
02	01-02	01	---	---	---	---	NAD	NA
Location: Rm. 3 - Sheetrock								
03	02-01	02	0.159	72.3	27.0	0.6	NAD	NAD
Location: Rm. 14 - FG Ins. Backing								
04	02-02	02	0.170	93.5	5.9	0.6	NAD	NAD
Location: Rm. 10 - FG Ins. Backing								
05	03-01	03	0.278	93.2	6.5	0.4	NAD	NAD
Location: Rm. 15 - 2 x 2 Ceiling Tile								
06	03-02	03	0.182	98.4	1.0	0.5	NAD	NAD
Location: Rm. 15 - 2 x 2 Ceiling Tile								
07	04-01	04	0.336	14.3	77.4	8.3	NAD	NAD
Location: Rm. 11 - 2 x 4 Ceiling Tile								
08	04-02	04	0.215	11.2	84.7	4.2	NAD	NAD
Location: Rm. 11 - 2 x 4 Ceiling Tile								
09	05-01	05	0.309	8.8	84.5	8.7	NAD	NAD
Location: Rm. 15 - Window Glaze								
10	05-02	05	0.422	8.5	83.6	7.7	Chrysotile <0.25	Chrysotile Trace
Location: Rm. 15 - Window Glaze								
11	06-01	06	0.242	26.0	45.0	21.2	Chrysotile 7.7	NA
Location: Rm. 5 - 9 x 9 Tile (Floor)								
12	06-02	06	0.260	26.2	42.3	31.5	NA/PS	NA
Location: Rm. 4 - 9 x 9 Tile (Floor)								
13	07-01	07	0.246	74.8	15.0	10.1	Chrysotile <0.25	Chrysotile Trace
Location: Rm. 5 - 9 x 9 Floor Tile Mastic								
14	07-02	07	0.270	80.4	12.2	7.3	Chrysotile <0.25	Chrysotile Trace
Location: Rm. 4 - 9 x 9 Floor Tile Mastic								

Table I
Summary of Bulk Asbestos Analysis Results
 160421AE; Spectra Env. Group; Former Roth Steel, 00 Hiawatha Blvd., Syracuse, Building 4, Int.

AmeriSci Sample #	Client Samples	HQ Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
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Analyzed by: Aleksandr Barangolts ; Date Analyzed 6/7/2016

**Quantitative Analysis (Semi/Full); Bulk Asbestos Analysis: PLM by EPA 600/M4-82-020 per 40 CFR or ELAP 188.1 for New York friable samples or ELAP 188.6 for New York NOS samples; TEM (Semi/Full) by EPA 600/R-83/118 (not covered by NVLAP Bulk accreditation) or ELAP 188.4; for New York samples; NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <1%; (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represents results for Qualitative PLM or TEM Analysis only (no accreditation coverage available from any regulatory agency for qualitative analyses); NVLAP (PLM) 200548-0, NYSDOH ELAP Lab 11480, AIHA-LAP, LLC (PLM) Lab ID 102843.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris for which PLM evaluation is recommended (i.e. soils and other heterogeneous materials).

Reviewed By: _____

160840



Ambient Environmental, Inc.
Comprehensive Building Science Solutions

12 Colvin Ave. Albany, NY 12206
PH: 518-482-0704 | FX: 518-482-0750

Page 1 of 1

#216061455

**BULK SAMPLE DATA AND
CHAIN OF CUSTODY FORM**

PROJECT INFORMATION

1. Client: <u>Spectra Env Group</u>		2. Project Name: <u>Fanner Roth Skel</u>		2a. Project Address: <u>600 Hiawatha Blvd Syracuse</u>		2b. Client Contact:	
3. Project Number: <u>160421AE</u>		3a. Task Number:		4. Inspector: <u>John Dwyer</u>		5. Collection Date: <u>5/25/16</u>	
6. Sample TAT: ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 Day ☐ Other		7. Building Name: <u>Bldg 4</u>		8. Sampling Area: <u>Int</u>		9. Comments: (Field) (Analyze to First Positive By Homogeneous Material) For Negative NOB PLM's, continue to TEM	

BULK SAMPLE LOCATION

TYPE OF MATERIALS

10. Laboratory Sample Number	11. Homogeneous Area Number	12. Bulk Sample ID Number	13. Sampled Material	14. Type of Material			15. Sample Location Sample Coordinates	16. Friability (N/F)	17. Condition (G, D, SD)	18. Quantity (LF, SF, EA)	19. Asbestos Content (Type & %)
				Surf	TSI	MISC					
	01	01	sheetrock			Y	1-3	F	D		
	01	02	1			1	1-3	1			
	02	01	F.g Ins Bucking			Y	1-14	N			
	02	02	1			1	1-10	1			
	03	01	2x2 cely tile			Y	1-15	F			
	03	02	1			1	1-15	1			
	04	01	2x4 cely tile			Y	1-11	F			
	04	02	1			1	1-11	1			
	05	01	wooden glaze			Y	1-15	N			
	05	02	1			1	1-15	1			
	06	01	9x9 tile (Floor)			Y	1-5	N			
	06	02	1			1	1-4	1			
	07	01	9x9 Floor tile mastic			Y	1-5	N			
	07	02	1			1	1-4	1			

CHAIN OF CUSTODY

20. Retinquished By:	21. Date	22. Time	23. Received By:	24. Date	25. Time
<u>John Dwyer</u>	<u>5/25/16</u>		<u>[Signature]</u>	<u>6/3/16</u>	<u>1330</u>
I					
II					
III					

LAB INFORMATION

26. Lab Name	27. Date	28. Time
a. Analyzed By: <u>[Signature]</u>	<u>6/3/16</u>	<u>9:20</u>
b. QC by:		
c. Lab Batch #:		

29. Ambient Project Manager:

CA

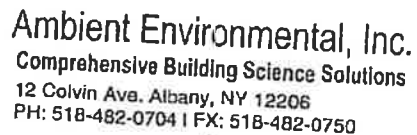
30 Results To: results@ambient-env.com

31. Drawings:

☐ Sample Locations
☐ Material Locations

32. Comments:

100840



CHAIN OF CUSTODY FORM

TURNAROUND TIME

☒ 24 hour Other _____

1. Client Spectra Env Group		3. Project Name: Polmar Reth Steel		4. Project Monitor John Arney		4b. Rotameter Number AE-H55-	
2. Project Number 160481AE		3a. Project Address:		4a. Air Sampler: John Arney		4c. Rotameter calibration: ☐ Manufacturer ☐ Gillibrator ☒ Drycal	
5. Date 5/25/16		6. Abatement Location: Building 4		7. ☒ PCM (0.8 micron MCE) Cassette/Filter Manufacturer EMS Lot # 7014014		8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer Lot #	
9. Type: a. ☐ Phase IB b. ☐ Phase IIA c. ☐ Phase IIB		g. ☐ Phase IIC - Cleaning e. ☐ Phase IIC - Clearance		f. ☒ DOSHA g. ☒ Environmental h. ☐ Ambient i. ☐ Other		4d. Calibration Date	

DAILY AIR SAMPLE RECORD

SHIFT HOURS

10

(24 hour clock)

[illegible]

CHAIN OF CUSTODY

17. Roll Inquired By:		18. Date	19. Time	20. Received By:	21. Date	22. Time
I.	John Olney	5/27/16		al [signature]	5/27/16	0815
II.						
III.						

26. Project Manager:

LAB INFORMATION

23. Lab Name		24. Date	25. Time
a. Analyzed By:		5/27/16	1000
b. QC by:			
c. Lab Batch #:	QC#	QC#	QC#
2359-14205	Std:	Std:	Std:

26. Project Manager:

27. Results To: results@ambient-env.com

28. Drawing: ☐ See drawing for this shift.
☐ See drawing dated:

29: Comments:



November 18, 2016

Spectra Environmental Group,
19 British American Blvd
Latham, NY 12110

Re: Asbestos Abatement
Roth Steel – Capacitor Cleanup/ Drum Removal in Building 4.

Dear Ms. Winters:

This letter is to certify that the Asbestos abatement at Roth Steel 800 Hiawatha Blvd, Syracuse, NY was completed on 11/17/16. All Asbestos containing materials have been removed and properly disposed of as per the pre-demolition survey completed by Ambient Environmental, Inc. and in accordance with the DOH variance.

Should you have any questions please contact me at (315) 414-0140.

Very truly yours,
AES Environmental, Inc.

Lindsey Bittner

ATTACHMENT 2
DRUM TESTING ANALYTICAL RESULTS
ON CD

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-104121-1

Client Project/Site: Roth Steel - Syracuse NY

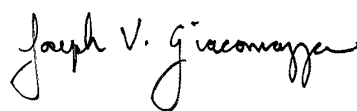
For:

Veolia Environmental Services

4400 River Road

Tonawanda, New York 14150

Attn: Frank Waclawek



Authorized for release by:

8/16/2016 11:34:24 AM

Joe Giacomazza, Project Management Assistant II

joe.giacomazza@testamericainc.com

Designee for

Judy Stone, Senior Project Manager

(484)685-0868

judy.stone@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Definitions/Glossary

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.

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.

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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)

Case Narrative

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Job ID: 480-104121-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-104121-1

Receipt

The samples were received on 8/3/2016 2:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 21.0° C.

GC/MS VOA

Method(s) 8260C: The following volatile sample was analyzed with significant headspace in the sample vial(s): 4 Rainwater (480-104121-15). Significant headspace is defined as a bubble greater than 6 mm in diameter.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-315182 recovered outside acceptance criteria, low biased, for Chloromethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated sample was non-detect for this analyte, the data has been reported for the affected sample 4 Rainwater (480-104121-15).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-315631 recovered above the upper control limit for Trichlorofluoromethane, Carbon tetrachloride and 1,1,1-Trichloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: 1C Oil-Antifreeze (480-104121-3), 1D Oil-Antifreeze (480-104121-4), 1F Oil-Antifreeze (480-104121-6), 1G Oil-Antifreeze (480-104121-7), 1H Oil-Antifreeze (480-104121-8), 1I Oil-Antifreeze (480-104121-9), 1J Oil-Antifreeze (480-104121-10) and 1K Oil-Antifreeze (480-104121-11).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-315631 recovered outside acceptance criteria, low biased, for 2-Hexanone, 4-Methyl-2-pentanone (MIBK) and 2-Butanone (MEK). A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data has been reported. The following samples have been affected 1C Oil-Antifreeze (480-104121-3), 1D Oil-Antifreeze (480-104121-4), 1F Oil-Antifreeze (480-104121-6), 1G Oil-Antifreeze (480-104121-7), 1H Oil-Antifreeze (480-104121-8), 1I Oil-Antifreeze (480-104121-9), 1J Oil-Antifreeze (480-104121-10) and 1K Oil-Antifreeze (480-104121-11).

Method(s) 8260C: The laboratory control sample (LCS) for preparation batch 480-314993 and analytical batch 480-315631 recovered outside control limits for the following analytes: Dibromochloromethane, Methylene Chloride and 1,2-Dichloropropane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The following samples are affected 1C Oil-Antifreeze (480-104121-3), 1D Oil-Antifreeze (480-104121-4), 1F Oil-Antifreeze (480-104121-6), 1G Oil-Antifreeze (480-104121-7), 1H Oil-Antifreeze (480-104121-8), 1I Oil-Antifreeze (480-104121-9), 1J Oil-Antifreeze (480-104121-10) and 1K Oil-Antifreeze (480-104121-11).

Method(s) 8260C: The following samples were diluted medium level soil analysis due to the concentration of target analytes within the calibration range: 1H Oil-Antifreeze (480-104121-8), 1J Oil-Antifreeze (480-104121-10), 1K Oil-Antifreeze (480-104121-11) and (480-104121-A-11-D MS). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were diluted medium level soil analysis due to the abundance of non-target analytes: 1D Oil-Antifreeze (480-104121-4) and 1F Oil-Antifreeze (480-104121-6). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were diluted medium level soil analysis due to the nature of the sample matrix: 1G Oil-Antifreeze (480-104121-7) and 1I Oil-Antifreeze (480-104121-9). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The %RPD of the laboratory control sample (MS) and laboratory control standard duplicate (MSD) for preparation batch 480-314993 recovered outside control limits for several analytes due to the sample matrix:

Method(s) 8260C: The following samples were analyzed as a medium level extraction to bring the concentration of target analytes within the calibration range: 1K Oil-Antifreeze (480-104121-11), (480-104121-A-11-D MS) and (480-104121-A-11-E MS). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were analyzed via medium level soil analysis to bring the concentration of target analytes within the calibration range: 1A Oil-Antifreeze (480-104121-1), 1B Oil-Antifreeze (480-104121-2) and 1E Oil-Antifreeze (480-104121-5). Elevated

Case Narrative

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Job ID: 480-104121-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

reporting limits (RLs) are provided.

Method(s) 8260C: The laboratory control sample (LCS) for preparation batch 480-314993 and analytical batch 480-316002 recovered outside control limits for the following analytes: Chlorodibromomethane, Methylene Chloride, and 1,2-Dichloropropane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The following samples are impacted: 1A Oil-Antifreeze (480-104121-1), 1B Oil-Antifreeze (480-104121-2) and 1E Oil-Antifreeze (480-104121-5).

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

GC Semi VOA

Method(s) 8082A: The following sample required a dilution due to the matrix effects and is reported as elevated non-detections for all target analytes (Aroclors): 2 Mineral Spirits (480-104121-12). The reported values represent the lowest limit that can be ascertained given the sample composition.

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

Metals

Method(s) 6010C: The continuing calibration blank (CCB 480-316016/13) for analytical batch 480-316016 contained Total Barium above the reporting limit (RL). All reported samples associated with this CCB, (LCSSRM 480-315589/2-) and (MB 480-315589/1-A), were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method(s) 6010C: The Low Level Continuing Calibration Verification (CCVL 480-316016/14) contained Total Barium above the upper quality control limit. All reported samples (LCSSRM 480-315589/2-) and (MB 480-315589/1-A) 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 was not performed.

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

General Chemistry

Method(s) 9040C: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: 5 Washwater (480-104121-16).

Method(s) 9045D: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: 3A soil (480-104121-13) and 3B soil (480-104121-14).

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

Organic Prep

Insufficient sample volume was provided for the following sample for the PCB analysis: 4 Rainwater (480-104121-15). This test has been cancelled. The client was contacted and agreed; they have no additional volume.

Method(s) 1311: Due to the matrix and associated reaction to the extraction fluid, the laboratory was unable to perform the leaching procedure with the required 100g for the following samples: 3A soil (480-104121-13) and 3B soil (480-104121-14). The volume of leaching fluid was adjusted proportionally to maintain a 20:1 ratio of leaching fluid to weight of sample. Reporting limits (RLs) are not affected.

Method(s) 3510C: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: 5 Washwater (480-104121-16). The reporting limits (RLs) have been adjusted proportionately.

Method(s) 3510C: No volume left for sample 480-104121-15.

5 Washwater (480-104121-16)

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

Detection Summary

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 1A Oil-Antifreeze

Lab Sample ID: 480-104121-1

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
Acetone	1000		490	400	ug/Kg	1		8260C	Total/NA
Ethylbenzene	360		97	28	ug/Kg	1		8260C	Total/NA
Isopropylbenzene	210		97	15	ug/Kg	1		8260C	Total/NA
Toluene	150		97	26	ug/Kg	1		8260C	Total/NA
Xylenes, Total	2900		190	54	ug/Kg	1		8260C	Total/NA
Barium	1.0		0.49	0.11	mg/Kg	1		6010C	Total/NA
Lead	0.50	J	0.97	0.23	mg/Kg	1		6010C	Total/NA
Flashpoint	>180.0		50.0	50.0	Degrees F	1		1010A	Total/NA

Client Sample ID: 1B Oil-Antifreeze

Lab Sample ID: 480-104121-2

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
2-Hexanone	240	J	480	200	ug/Kg	1		8260C	Total/NA
4-Methyl-2-pentanone (MIBK)	770		480	31	ug/Kg	1		8260C	Total/NA
Benzene	46	J	96	18	ug/Kg	1		8260C	Total/NA
Cyclohexane	160		96	21	ug/Kg	1		8260C	Total/NA
Ethylbenzene	960		96	28	ug/Kg	1		8260C	Total/NA
Isopropylbenzene	320		96	14	ug/Kg	1		8260C	Total/NA
Methylcyclohexane	330		96	45	ug/Kg	1		8260C	Total/NA
Methylene Chloride	80	J *	96	19	ug/Kg	1		8260C	Total/NA
Tetrachloroethene	870		96	13	ug/Kg	1		8260C	Total/NA
Toluene	990		96	26	ug/Kg	1		8260C	Total/NA
Xylenes, Total	5800		190	53	ug/Kg	1		8260C	Total/NA
Barium	0.53		0.53	0.12	mg/Kg	1		6010C	Total/NA
Cadmium	0.079	J	0.21	0.032	mg/Kg	1		6010C	Total/NA
Chromium	0.32	J	0.53	0.21	mg/Kg	1		6010C	Total/NA
Lead	1.3		1.1	0.25	mg/Kg	1		6010C	Total/NA
Flashpoint	>180.0		50.0	50.0	Degrees F	1		1010A	Total/NA

Client Sample ID: 1C Oil-Antifreeze

Lab Sample ID: 480-104121-3

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	4700		990	290	ug/Kg	10		8260C	Total/NA
Isopropylbenzene	1100		990	150	ug/Kg	10		8260C	Total/NA
Tetrachloroethene	320	J	990	130	ug/Kg	10		8260C	Total/NA
Toluene	1700		990	260	ug/Kg	10		8260C	Total/NA
Xylenes, Total	27000		2000	550	ug/Kg	10		8260C	Total/NA
Barium	0.87		0.50	0.11	mg/Kg	1		6010C	Total/NA
Cadmium	0.11	J	0.20	0.030	mg/Kg	1		6010C	Total/NA
Chromium	0.73		0.50	0.20	mg/Kg	1		6010C	Total/NA
Lead	5.0		1.0	0.24	mg/Kg	1		6010C	Total/NA
Flashpoint	>180.0		50.0	50.0	Degrees F	1		1010A	Total/NA

Client Sample ID: 1D Oil-Antifreeze

Lab Sample ID: 480-104121-4

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	3400		1000	290	ug/Kg	10		8260C	Total/NA
Isopropylbenzene	230	J	1000	150	ug/Kg	10		8260C	Total/NA
Toluene	5500		1000	270	ug/Kg	10		8260C	Total/NA
Xylenes, Total	6800		2000	550	ug/Kg	10		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 1D Oil-Antifreeze (Continued)

Lab Sample ID: 480-104121-4

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
Barium	1.9		0.49	0.11	mg/Kg	1		6010C	Total/NA
Cadmium	0.14	J	0.20	0.029	mg/Kg	1		6010C	Total/NA
Chromium	1.3		0.49	0.20	mg/Kg	1		6010C	Total/NA
Lead	6.1		0.98	0.24	mg/Kg	1		6010C	Total/NA
Mercury	0.013	J	0.020	0.0080	mg/Kg	1		7471B	Total/NA
Flashpoint	>180.0		50.0	50.0	Degrees F	1		1010A	Total/NA

Client Sample ID: 1E Oil-Antifreeze

Lab Sample ID: 480-104121-5

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
4-Methyl-2-pentanone (MIBK)	100	J	460	29	ug/Kg	1		8260C	Total/NA
Ethylbenzene	180		91	27	ug/Kg	1		8260C	Total/NA
Isopropylbenzene	64	J	91	14	ug/Kg	1		8260C	Total/NA
Methylcyclohexane	67	J	91	43	ug/Kg	1		8260C	Total/NA
Toluene	150		91	24	ug/Kg	1		8260C	Total/NA
Xylenes, Total	1100		180	50	ug/Kg	1		8260C	Total/NA
Barium	0.18	J	0.45	0.10	mg/Kg	1		6010C	Total/NA
Lead	0.39	J	0.91	0.22	mg/Kg	1		6010C	Total/NA
Flashpoint	>180.0		50.0	50.0	Degrees F	1		1010A	Total/NA

Client Sample ID: 1F Oil-Antifreeze

Lab Sample ID: 480-104121-6

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	370	J	990	130	ug/Kg	10		8260C	Total/NA
Lead	0.44	J	0.96	0.23	mg/Kg	1		6010C	Total/NA
Flashpoint	>180.0		50.0	50.0	Degrees F	1		1010A	Total/NA

Client Sample ID: 1G Oil-Antifreeze

Lab Sample ID: 480-104121-7

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.1	J	2.1	0.42	mg/Kg	1		6010C	Total/NA
Barium	0.16	J	0.52	0.11	mg/Kg	1		6010C	Total/NA
Cadmium	0.055	J	0.21	0.031	mg/Kg	1		6010C	Total/NA
Lead	0.59	J	1.0	0.25	mg/Kg	1		6010C	Total/NA
Selenium	0.44	J	4.2	0.42	mg/Kg	1		6010C	Total/NA
Flashpoint	>180.0		50.0	50.0	Degrees F	1		1010A	Total/NA

Client Sample ID: 1H Oil-Antifreeze

Lab Sample ID: 480-104121-8

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	6400		980	280	ug/Kg	10		8260C	Total/NA
Isopropylbenzene	1500		980	150	ug/Kg	10		8260C	Total/NA
Methylcyclohexane	630	J	980	460	ug/Kg	10		8260C	Total/NA
Toluene	3000		980	260	ug/Kg	10		8260C	Total/NA
Xylenes, Total	47000		2000	540	ug/Kg	10		8260C	Total/NA
Barium	0.47	J	0.49	0.11	mg/Kg	1		6010C	Total/NA
Cadmium	0.16	J	0.20	0.029	mg/Kg	1		6010C	Total/NA
Chromium	0.57		0.49	0.20	mg/Kg	1		6010C	Total/NA
Lead	2.3		0.98	0.24	mg/Kg	1		6010C	Total/NA
Flashpoint	>180.0		50.0	50.0	Degrees F	1		1010A	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 1I Oil-Antifreeze

Lab Sample ID: 480-104121-9

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	1900		970	280	ug/Kg	10		8260C	Total/NA
Isopropylbenzene	570	J	970	150	ug/Kg	10		8260C	Total/NA
Methylcyclohexane	470	J	970	450	ug/Kg	10		8260C	Total/NA
Toluene	2100		970	260	ug/Kg	10		8260C	Total/NA
Xylenes, Total	12000		1900	540	ug/Kg	10		8260C	Total/NA
Barium	0.19	J	0.49	0.11	mg/Kg	1		6010C	Total/NA
Lead	0.33	J	0.99	0.24	mg/Kg	1		6010C	Total/NA
Flashpoint	>180.0		50.0	50.0	Degrees F	1		1010A	Total/NA

Client Sample ID: 1J Oil-Antifreeze

Lab Sample ID: 480-104121-10

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	7900		960	280	ug/Kg	10		8260C	Total/NA
Isopropylbenzene	1400		960	140	ug/Kg	10		8260C	Total/NA
Methylcyclohexane	1400		960	450	ug/Kg	10		8260C	Total/NA
Toluene	6700		960	260	ug/Kg	10		8260C	Total/NA
Xylenes, Total	36000		1900	530	ug/Kg	10		8260C	Total/NA
Arsenic	0.58	J	2.0	0.40	mg/Kg	1		6010C	Total/NA
Barium	0.74		0.49	0.11	mg/Kg	1		6010C	Total/NA
Cadmium	0.037	J	0.20	0.030	mg/Kg	1		6010C	Total/NA
Chromium	0.29	J	0.49	0.20	mg/Kg	1		6010C	Total/NA
Lead	0.42	J	0.99	0.24	mg/Kg	1		6010C	Total/NA
Selenium	0.45	J	4.0	0.40	mg/Kg	1		6010C	Total/NA
Flashpoint	>176		50.0	50.0	Degrees F	1		1010A	Total/NA

Client Sample ID: 1K Oil-Antifreeze

Lab Sample ID: 480-104121-11

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
Benzene	19000		980	190	ug/Kg	10		8260C	Total/NA
Cyclohexane	27000		980	220	ug/Kg	10		8260C	Total/NA
Ethylbenzene	73000		980	280	ug/Kg	10		8260C	Total/NA
Isopropylbenzene	26000		980	150	ug/Kg	10		8260C	Total/NA
Methyl tert-butyl ether	5300		980	370	ug/Kg	10		8260C	Total/NA
Methylcyclohexane	73000		980	460	ug/Kg	10		8260C	Total/NA
Tetrachloroethene	640	J F1	980	130	ug/Kg	10		8260C	Total/NA
Toluene - DL	160000		4900	1300	ug/Kg	50		8260C	Total/NA
Xylenes, Total - DL	530000		9800	2700	ug/Kg	50		8260C	Total/NA
Arsenic	0.71	J	2.0	0.40	mg/Kg	1		6010C	Total/NA
Barium	1.3		0.50	0.11	mg/Kg	1		6010C	Total/NA
Cadmium	0.35		0.20	0.030	mg/Kg	1		6010C	Total/NA
Chromium	0.61		0.50	0.20	mg/Kg	1		6010C	Total/NA
Lead	5.9		0.99	0.24	mg/Kg	1		6010C	Total/NA
Flashpoint	174		50.0	50.0	Degrees F	1		1010A	Total/NA

Client Sample ID: 2 Mineral Spirits

Lab Sample ID: 480-104121-12

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.47	J	2.1	0.42	mg/Kg	1		6010C	Total/NA

Client Sample ID: 3A soil

Lab Sample ID: 480-104121-13

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 3A soil (Continued)

Lab Sample ID: 480-104121-13

Analyte	Result	Qualifier	RL	LOD	Unit	Dil	Fac	D	Method	Prep Type
Barium	0.96	J	1.0	0.10	mg/L	1			6010C	TCLP
Cadmium	0.0013	J	0.0020	0.00050	mg/L	1			6010C	TCLP
Lead	0.016	J	0.020	0.0030	mg/L	1			6010C	TCLP
pH	11.1	HF	0.1	0.1	SU	1			9045D	Total/NA

Client Sample ID: 3B soil

Lab Sample ID: 480-104121-14

Analyte	Result	Qualifier	RL	LOD	Unit	Dil	Fac	D	Method	Prep Type
PCB-1242	0.62		0.57	0.11	mg/Kg	1		✱	8082A	Total/NA
PCB-1254	0.30	J	0.57	0.27	mg/Kg	1		✱	8082A	Total/NA
Arsenic	0.0063	J	0.015	0.0056	mg/L	1			6010C	TCLP
Barium	0.86	J	1.0	0.10	mg/L	1			6010C	TCLP
Cadmium	0.0091		0.0020	0.00050	mg/L	1			6010C	TCLP
Lead	0.025		0.020	0.0030	mg/L	1			6010C	TCLP
pH	11.5	HF	0.1	0.1	SU	1			9045D	Total/NA

Client Sample ID: 4 Rainwater

Lab Sample ID: 480-104121-15

Analyte	Result	Qualifier	RL	LOD	Unit	Dil	Fac	D	Method	Prep Type
Methylene Chloride	1.6		1.0	0.44	ug/L	1			8260C	Total/NA
Barium	0.23		0.0020	0.00070	mg/L	1			6010C	Total/NA
Chromium	0.0029	J	0.0040	0.0010	mg/L	1			6010C	Total/NA

Client Sample ID: 5 Washwater

Lab Sample ID: 480-104121-16

Analyte	Result	Qualifier	RL	LOD	Unit	Dil	Fac	D	Method	Prep Type
pH	12.3	HF	0.100	0.100	SU	1			9040C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 1A Oil-Antifreeze

Lab Sample ID: 480-104121-1

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		97	27	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
1,1,2,2-Tetrachloroethane	ND		97	16	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
1,1,2-Trichloroethane	ND		97	20	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		97	49	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
1,1-Dichloroethane	ND		97	30	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
1,1-Dichloroethene	ND		97	34	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
1,2,4-Trichlorobenzene	ND		97	37	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
1,2-Dibromo-3-Chloropropane	ND		97	49	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
1,2-Dibromoethane	ND		97	17	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
1,2-Dichlorobenzene	ND		97	25	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
1,2-Dichloroethane	ND		97	40	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
1,2-Dichloropropane	ND	*	97	16	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
1,3-Dichlorobenzene	ND		97	26	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
1,4-Dichlorobenzene	ND		97	14	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
2-Hexanone	ND		490	200	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
2-Butanone (MEK)	ND		490	290	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
4-Methyl-2-pentanone (MIBK)	ND		490	31	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
Acetone	1000		490	400	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
Benzene	ND		97	19	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
Bromodichloromethane	ND		97	19	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
Bromoform	ND		97	49	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
Bromomethane	ND		97	21	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
Carbon disulfide	ND		97	44	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
Carbon tetrachloride	ND		97	25	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
Chlorobenzene	ND		97	13	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
Dibromochloromethane	ND	*	97	47	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
Chloroethane	ND		97	20	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
Chloroform	ND		97	67	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
Chloromethane	ND		97	23	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
cis-1,2-Dichloroethene	ND		97	27	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
cis-1,3-Dichloropropene	ND		97	23	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
Cyclohexane	ND		97	22	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
Dichlorodifluoromethane	ND		97	42	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
Ethylbenzene	360		97	28	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
Isopropylbenzene	210		97	15	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
Methyl acetate	ND		97	46	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
Methyl tert-butyl ether	ND		97	37	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
Methylcyclohexane	ND		97	46	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
Methylene Chloride	ND	*	97	19	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
Styrene	ND		97	23	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
Tetrachloroethene	ND		97	13	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
Toluene	150		97	26	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
trans-1,2-Dichloroethene	ND		97	23	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
trans-1,3-Dichloropropene	ND		97	9.6	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
Trichloroethene	ND		97	27	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
Trichlorofluoromethane	ND		97	46	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
Vinyl chloride	ND		97	33	ug/Kg		08/08/16 17:42	08/15/16 14:42	1
Xylenes, Total	2900		190	54	ug/Kg		08/08/16 17:42	08/15/16 14:42	1

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 1A Oil-Antifreeze

Date Collected: 08/03/16 00:00

Date Received: 08/03/16 14:45

Lab Sample ID: 480-104121-1

Matrix: Waste

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		53 - 146	08/08/16 17:42	08/15/16 14:42	1
Toluene-d8 (Surr)	105		50 - 149	08/08/16 17:42	08/15/16 14:42	1
4-Bromofluorobenzene (Surr)	104		49 - 148	08/08/16 17:42	08/15/16 14:42	1
Dibromofluoromethane (Surr)	99		60 - 140	08/08/16 17:42	08/15/16 14:42	1

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.8	1.8	mg/Kg		08/05/16 14:42	08/05/16 22:37	1
PCB-1221	ND		1.8	1.8	mg/Kg		08/05/16 14:42	08/05/16 22:37	1
PCB-1232	ND		1.8	1.8	mg/Kg		08/05/16 14:42	08/05/16 22:37	1
PCB-1242	ND		1.8	1.8	mg/Kg		08/05/16 14:42	08/05/16 22:37	1
PCB-1248	ND		1.8	1.8	mg/Kg		08/05/16 14:42	08/05/16 22:37	1
PCB-1254	ND		1.8	1.8	mg/Kg		08/05/16 14:42	08/05/16 22:37	1
PCB-1260	ND		1.8	1.8	mg/Kg		08/05/16 14:42	08/05/16 22:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	119		60 - 154	08/05/16 14:42	08/05/16 22:37	1
DCB Decachlorobiphenyl	109		65 - 174	08/05/16 14:42	08/05/16 22:37	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.9	0.39	mg/Kg		08/10/16 07:13	08/12/16 08:01	1
Barium	1.0		0.49	0.11	mg/Kg		08/10/16 07:13	08/12/16 08:01	1
Cadmium	ND		0.19	0.029	mg/Kg		08/10/16 07:13	08/12/16 08:01	1
Chromium	ND		0.49	0.19	mg/Kg		08/10/16 07:13	08/12/16 08:01	1
Lead	0.50	J	0.97	0.23	mg/Kg		08/10/16 07:13	08/12/16 08:01	1
Selenium	ND		3.9	0.39	mg/Kg		08/10/16 07:13	08/12/16 08:01	1
Silver	ND		0.58	0.19	mg/Kg		08/10/16 07:13	08/12/16 08:01	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	F1	0.020	0.0081	mg/Kg		08/05/16 09:45	08/05/16 11:39	1

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>180.0		50.0	50.0	Degrees F			08/09/16 18:04	1

Client Sample ID: 1B Oil-Antifreeze

Date Collected: 08/03/16 00:00

Date Received: 08/03/16 14:45

Lab Sample ID: 480-104121-2

Matrix: Waste

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		96	27	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
1,1,1,2-Tetrachloroethane	ND		96	16	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
1,1,2-Trichloroethane	ND		96	20	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		96	48	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
1,1-Dichloroethane	ND		96	30	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
1,1-Dichloroethene	ND		96	33	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
1,2,4-Trichlorobenzene	ND		96	37	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
1,2-Dibromo-3-Chloropropane	ND		96	48	ug/Kg		08/08/16 17:42	08/15/16 15:09	1

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 1B Oil-Antifreeze

Lab Sample ID: 480-104121-2

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		96	17	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
1,2-Dichlorobenzene	ND		96	25	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
1,2-Dichloroethane	ND		96	39	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
1,2-Dichloropropane	ND	*	96	16	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
1,3-Dichlorobenzene	ND		96	26	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
1,4-Dichlorobenzene	ND		96	13	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
2-Hexanone	240	J	480	200	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
2-Butanone (MEK)	ND		480	290	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
4-Methyl-2-pentanone (MIBK)	770		480	31	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
Acetone	ND		480	400	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
Benzene	46	J	96	18	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
Bromodichloromethane	ND		96	19	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
Bromoform	ND		96	48	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
Bromomethane	ND		96	21	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
Carbon disulfide	ND		96	44	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
Carbon tetrachloride	ND		96	25	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
Chlorobenzene	ND		96	13	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
Dibromochloromethane	ND	*	96	47	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
Chloroethane	ND		96	20	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
Chloroform	ND		96	66	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
Chloromethane	ND		96	23	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
cis-1,2-Dichloroethene	ND		96	27	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
cis-1,3-Dichloropropene	ND		96	23	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
Cyclohexane	160		96	21	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
Dichlorodifluoromethane	ND		96	42	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
Ethylbenzene	960		96	28	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
Isopropylbenzene	320		96	14	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
Methyl acetate	ND		96	46	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
Methyl tert-butyl ether	ND		96	36	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
Methylcyclohexane	330		96	45	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
Methylene Chloride	80	J *	96	19	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
Styrene	ND		96	23	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
Tetrachloroethene	870		96	13	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
Toluene	990		96	26	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
trans-1,2-Dichloroethene	ND		96	23	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
trans-1,3-Dichloropropene	ND		96	9.5	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
Trichloroethene	ND		96	27	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
Trichlorofluoromethane	ND		96	45	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
Vinyl chloride	ND		96	32	ug/Kg		08/08/16 17:42	08/15/16 15:09	1
Xylenes, Total	5800		190	53	ug/Kg		08/08/16 17:42	08/15/16 15:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		53 - 146	08/08/16 17:42	08/15/16 15:09	1
Toluene-d8 (Surr)	104		50 - 149	08/08/16 17:42	08/15/16 15:09	1
4-Bromofluorobenzene (Surr)	102		49 - 148	08/08/16 17:42	08/15/16 15:09	1
Dibromofluoromethane (Surr)	100		60 - 140	08/08/16 17:42	08/15/16 15:09	1

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2.1	2.1	mg/Kg		08/05/16 14:42	08/05/16 22:55	1

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 1B Oil-Antifreeze

Lab Sample ID: 480-104121-2

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		2.1	2.1	mg/Kg		08/05/16 14:42	08/05/16 22:55	1
PCB-1232	ND		2.1	2.1	mg/Kg		08/05/16 14:42	08/05/16 22:55	1
PCB-1242	ND		2.1	2.1	mg/Kg		08/05/16 14:42	08/05/16 22:55	1
PCB-1248	ND		2.1	2.1	mg/Kg		08/05/16 14:42	08/05/16 22:55	1
PCB-1254	ND		2.1	2.1	mg/Kg		08/05/16 14:42	08/05/16 22:55	1
PCB-1260	ND		2.1	2.1	mg/Kg		08/05/16 14:42	08/05/16 22:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	114		60 - 154	08/05/16 14:42	08/05/16 22:55	1
DCB Decachlorobiphenyl	104		65 - 174	08/05/16 14:42	08/05/16 22:55	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.1	0.42	mg/Kg		08/10/16 07:13	08/12/16 08:05	1
Barium	0.53		0.53	0.12	mg/Kg		08/10/16 07:13	08/12/16 08:05	1
Cadmium	0.079	J	0.21	0.032	mg/Kg		08/10/16 07:13	08/12/16 08:05	1
Chromium	0.32	J	0.53	0.21	mg/Kg		08/10/16 07:13	08/12/16 08:05	1
Lead	1.3		1.1	0.25	mg/Kg		08/10/16 07:13	08/12/16 08:05	1
Selenium	ND		4.2	0.42	mg/Kg		08/10/16 07:13	08/12/16 08:05	1
Silver	ND		0.63	0.21	mg/Kg		08/10/16 07:13	08/12/16 08:05	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.021	0.0084	mg/Kg		08/05/16 09:45	08/05/16 11:45	1

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>180.0		50.0	50.0	Degrees F			08/09/16 18:04	1

Client Sample ID: 1C Oil-Antifreeze

Lab Sample ID: 480-104121-3

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		990	270	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
1,1,2,2-Tetrachloroethane	ND		990	160	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
1,1,2-Trichloroethane	ND		990	210	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		990	490	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
1,1-Dichloroethane	ND		990	300	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
1,1-Dichloroethene	ND		990	340	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
1,2,4-Trichlorobenzene	ND		990	370	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
1,2-Dibromo-3-Chloropropane	ND		990	490	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
1,2-Dibromoethane	ND		990	170	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
1,2-Dichlorobenzene	ND		990	250	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
1,2-Dichloroethane	ND		990	400	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
1,2-Dichloropropane	ND	*	990	160	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
1,3-Dichlorobenzene	ND		990	260	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
1,4-Dichlorobenzene	ND		990	140	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
2-Hexanone	ND		4900	2000	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
2-Butanone (MEK)	ND		4900	2900	ug/Kg		08/08/16 17:42	08/11/16 23:59	10

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 1C Oil-Antifreeze

Lab Sample ID: 480-104121-3

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	ND		4900	320	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
Acetone	ND		4900	4100	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
Benzene	ND		990	190	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
Bromodichloromethane	ND		990	200	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
Bromoform	ND		990	490	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
Bromomethane	ND		990	220	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
Carbon disulfide	ND		990	450	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
Carbon tetrachloride	ND		990	250	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
Chlorobenzene	ND		990	130	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
Dibromochloromethane	ND *		990	480	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
Chloroethane	ND		990	210	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
Chloroform	ND		990	680	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
Chloromethane	ND		990	230	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
cis-1,2-Dichloroethene	ND		990	270	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
cis-1,3-Dichloropropene	ND		990	240	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
Cyclohexane	ND		990	220	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
Dichlorodifluoromethane	ND		990	430	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
Ethylbenzene	4700		990	290	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
Isopropylbenzene	1100		990	150	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
Methyl acetate	ND		990	470	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
Methyl tert-butyl ether	ND		990	370	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
Methylcyclohexane	ND		990	460	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
Methylene Chloride	ND *		990	200	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
Styrene	ND		990	240	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
Tetrachloroethene	320 J		990	130	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
Toluene	1700		990	260	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
trans-1,2-Dichloroethene	ND		990	230	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
trans-1,3-Dichloropropene	ND		990	97	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
Trichloroethene	ND		990	270	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
Trichlorofluoromethane	ND		990	460	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
Vinyl chloride	ND		990	330	ug/Kg		08/08/16 17:42	08/11/16 23:59	10
Xylenes, Total	27000		2000	550	ug/Kg		08/08/16 17:42	08/11/16 23:59	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		53 - 146	08/08/16 17:42	08/11/16 23:59	10
Toluene-d8 (Surr)	91		50 - 149	08/08/16 17:42	08/11/16 23:59	10
4-Bromofluorobenzene (Surr)	117		49 - 148	08/08/16 17:42	08/11/16 23:59	10
Dibromofluoromethane (Surr)	110		60 - 140	08/08/16 17:42	08/11/16 23:59	10

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.8	1.8	mg/Kg		08/05/16 14:42	08/05/16 23:13	1
PCB-1221	ND		1.8	1.8	mg/Kg		08/05/16 14:42	08/05/16 23:13	1
PCB-1232	ND		1.8	1.8	mg/Kg		08/05/16 14:42	08/05/16 23:13	1
PCB-1242	ND		1.8	1.8	mg/Kg		08/05/16 14:42	08/05/16 23:13	1
PCB-1248	ND		1.8	1.8	mg/Kg		08/05/16 14:42	08/05/16 23:13	1
PCB-1254	ND		1.8	1.8	mg/Kg		08/05/16 14:42	08/05/16 23:13	1
PCB-1260	ND		1.8	1.8	mg/Kg		08/05/16 14:42	08/05/16 23:13	1

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 1C Oil-Antifreeze

Date Collected: 08/03/16 00:00

Date Received: 08/03/16 14:45

Lab Sample ID: 480-104121-3

Matrix: Waste

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	99		60 - 154	08/05/16 14:42	08/05/16 23:13	1
DCB Decachlorobiphenyl	114		65 - 174	08/05/16 14:42	08/05/16 23:13	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.0	0.40	mg/Kg	-	08/10/16 07:13	08/12/16 08:08	1
Barium	0.87		0.50	0.11	mg/Kg	-	08/10/16 07:13	08/12/16 08:08	1
Cadmium	0.11	J	0.20	0.030	mg/Kg	-	08/10/16 07:13	08/12/16 08:08	1
Chromium	0.73		0.50	0.20	mg/Kg	-	08/10/16 07:13	08/12/16 08:08	1
Lead	5.0		1.0	0.24	mg/Kg	-	08/10/16 07:13	08/12/16 08:08	1
Selenium	ND		4.0	0.40	mg/Kg	-	08/10/16 07:13	08/12/16 08:08	1
Silver	ND		0.60	0.20	mg/Kg	-	08/10/16 07:13	08/12/16 08:08	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.0082	mg/Kg	-	08/05/16 09:45	08/05/16 11:48	1

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>180.0		50.0	50.0	Degrees F	-		08/09/16 18:04	1

Client Sample ID: 1D Oil-Antifreeze

Date Collected: 08/03/16 00:00

Date Received: 08/03/16 14:45

Lab Sample ID: 480-104121-4

Matrix: Waste

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1000	280	ug/Kg	-	08/08/16 17:42	08/12/16 00:22	10
1,1,1,2,2-Tetrachloroethane	ND		1000	160	ug/Kg	-	08/08/16 17:42	08/12/16 00:22	10
1,1,2-Trichloroethane	ND		1000	210	ug/Kg	-	08/08/16 17:42	08/12/16 00:22	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1000	500	ug/Kg	-	08/08/16 17:42	08/12/16 00:22	10
1,1-Dichloroethane	ND		1000	310	ug/Kg	-	08/08/16 17:42	08/12/16 00:22	10
1,1-Dichloroethene	ND		1000	350	ug/Kg	-	08/08/16 17:42	08/12/16 00:22	10
1,2,4-Trichlorobenzene	ND		1000	380	ug/Kg	-	08/08/16 17:42	08/12/16 00:22	10
1,2-Dibromo-3-Chloropropane	ND		1000	500	ug/Kg	-	08/08/16 17:42	08/12/16 00:22	10
1,2-Dibromoethane	ND		1000	170	ug/Kg	-	08/08/16 17:42	08/12/16 00:22	10
1,2-Dichlorobenzene	ND		1000	250	ug/Kg	-	08/08/16 17:42	08/12/16 00:22	10
1,2-Dichloroethane	ND		1000	410	ug/Kg	-	08/08/16 17:42	08/12/16 00:22	10
1,2-Dichloropropane	ND	*	1000	160	ug/Kg	-	08/08/16 17:42	08/12/16 00:22	10
1,3-Dichlorobenzene	ND		1000	270	ug/Kg	-	08/08/16 17:42	08/12/16 00:22	10
1,4-Dichlorobenzene	ND		1000	140	ug/Kg	-	08/08/16 17:42	08/12/16 00:22	10
2-Hexanone	ND		5000	2000	ug/Kg	-	08/08/16 17:42	08/12/16 00:22	10
2-Butanone (MEK)	ND		5000	3000	ug/Kg	-	08/08/16 17:42	08/12/16 00:22	10
4-Methyl-2-pentanone (MIBK)	ND		5000	320	ug/Kg	-	08/08/16 17:42	08/12/16 00:22	10
Acetone	ND		5000	4100	ug/Kg	-	08/08/16 17:42	08/12/16 00:22	10
Benzene	ND		1000	190	ug/Kg	-	08/08/16 17:42	08/12/16 00:22	10
Bromodichloromethane	ND		1000	200	ug/Kg	-	08/08/16 17:42	08/12/16 00:22	10
Bromoform	ND		1000	500	ug/Kg	-	08/08/16 17:42	08/12/16 00:22	10
Bromomethane	ND		1000	220	ug/Kg	-	08/08/16 17:42	08/12/16 00:22	10
Carbon disulfide	ND		1000	450	ug/Kg	-	08/08/16 17:42	08/12/16 00:22	10
Carbon tetrachloride	ND		1000	250	ug/Kg	-	08/08/16 17:42	08/12/16 00:22	10

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 1D Oil-Antifreeze

Lab Sample ID: 480-104121-4

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1000	130	ug/Kg		08/08/16 17:42	08/12/16 00:22	10
Dibromochloromethane	ND	*	1000	480	ug/Kg		08/08/16 17:42	08/12/16 00:22	10
Chloroethane	ND		1000	210	ug/Kg		08/08/16 17:42	08/12/16 00:22	10
Chloroform	ND		1000	680	ug/Kg		08/08/16 17:42	08/12/16 00:22	10
Chloromethane	ND		1000	240	ug/Kg		08/08/16 17:42	08/12/16 00:22	10
cis-1,2-Dichloroethene	ND		1000	280	ug/Kg		08/08/16 17:42	08/12/16 00:22	10
cis-1,3-Dichloropropene	ND		1000	240	ug/Kg		08/08/16 17:42	08/12/16 00:22	10
Cyclohexane	ND		1000	220	ug/Kg		08/08/16 17:42	08/12/16 00:22	10
Dichlorodifluoromethane	ND		1000	440	ug/Kg		08/08/16 17:42	08/12/16 00:22	10
Ethylbenzene	3400		1000	290	ug/Kg		08/08/16 17:42	08/12/16 00:22	10
Isopropylbenzene	230	J	1000	150	ug/Kg		08/08/16 17:42	08/12/16 00:22	10
Methyl acetate	ND		1000	480	ug/Kg		08/08/16 17:42	08/12/16 00:22	10
Methyl tert-butyl ether	ND		1000	380	ug/Kg		08/08/16 17:42	08/12/16 00:22	10
Methylcyclohexane	ND		1000	470	ug/Kg		08/08/16 17:42	08/12/16 00:22	10
Methylene Chloride	ND	*	1000	200	ug/Kg		08/08/16 17:42	08/12/16 00:22	10
Styrene	ND		1000	240	ug/Kg		08/08/16 17:42	08/12/16 00:22	10
Tetrachloroethene	ND		1000	130	ug/Kg		08/08/16 17:42	08/12/16 00:22	10
Toluene	5500		1000	270	ug/Kg		08/08/16 17:42	08/12/16 00:22	10
trans-1,2-Dichloroethene	ND		1000	240	ug/Kg		08/08/16 17:42	08/12/16 00:22	10
trans-1,3-Dichloropropene	ND		1000	98	ug/Kg		08/08/16 17:42	08/12/16 00:22	10
Trichloroethene	ND		1000	280	ug/Kg		08/08/16 17:42	08/12/16 00:22	10
Trichlorofluoromethane	ND		1000	470	ug/Kg		08/08/16 17:42	08/12/16 00:22	10
Vinyl chloride	ND		1000	330	ug/Kg		08/08/16 17:42	08/12/16 00:22	10
Xylenes, Total	6800		2000	550	ug/Kg		08/08/16 17:42	08/12/16 00:22	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		53 - 146	08/08/16 17:42	08/12/16 00:22	10
Toluene-d8 (Surr)	95		50 - 149	08/08/16 17:42	08/12/16 00:22	10
4-Bromofluorobenzene (Surr)	114		49 - 148	08/08/16 17:42	08/12/16 00:22	10
Dibromofluoromethane (Surr)	107		60 - 140	08/08/16 17:42	08/12/16 00:22	10

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.9	1.9	mg/Kg		08/05/16 14:42	08/05/16 23:30	1
PCB-1221	ND		1.9	1.9	mg/Kg		08/05/16 14:42	08/05/16 23:30	1
PCB-1232	ND		1.9	1.9	mg/Kg		08/05/16 14:42	08/05/16 23:30	1
PCB-1242	ND		1.9	1.9	mg/Kg		08/05/16 14:42	08/05/16 23:30	1
PCB-1248	ND		1.9	1.9	mg/Kg		08/05/16 14:42	08/05/16 23:30	1
PCB-1254	ND		1.9	1.9	mg/Kg		08/05/16 14:42	08/05/16 23:30	1
PCB-1260	ND		1.9	1.9	mg/Kg		08/05/16 14:42	08/05/16 23:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	114		60 - 154	08/05/16 14:42	08/05/16 23:30	1
DCB Decachlorobiphenyl	104		65 - 174	08/05/16 14:42	08/05/16 23:30	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.0	0.39	mg/Kg		08/10/16 07:13	08/12/16 08:21	1
Barium	1.9		0.49	0.11	mg/Kg		08/10/16 07:13	08/12/16 08:21	1
Cadmium	0.14	J	0.20	0.029	mg/Kg		08/10/16 07:13	08/12/16 08:21	1

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 1D Oil-Antifreeze

Date Collected: 08/03/16 00:00

Date Received: 08/03/16 14:45

Lab Sample ID: 480-104121-4

Matrix: Waste

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	1.3		0.49	0.20	mg/Kg		08/10/16 07:13	08/12/16 08:21	1
Lead	6.1		0.98	0.24	mg/Kg		08/10/16 07:13	08/12/16 08:21	1
Selenium	ND		3.9	0.39	mg/Kg		08/10/16 07:13	08/12/16 08:21	1
Silver	ND		0.59	0.20	mg/Kg		08/10/16 07:13	08/12/16 08:21	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.013	J	0.020	0.0080	mg/Kg		08/05/16 09:45	08/05/16 11:49	1

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>180.0		50.0	50.0	Degrees F			08/09/16 18:04	1

Client Sample ID: 1E Oil-Antifreeze

Date Collected: 08/03/16 00:00

Date Received: 08/03/16 14:45

Lab Sample ID: 480-104121-5

Matrix: Waste

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		91	25	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
1,1,1,2-Tetrachloroethane	ND		91	15	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
1,1,2-Trichloroethane	ND		91	19	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		91	46	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
1,1-Dichloroethane	ND		91	28	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
1,1-Dichloroethene	ND		91	32	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
1,2,4-Trichlorobenzene	ND		91	35	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
1,2-Dibromo-3-Chloropropane	ND		91	46	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
1,2-Dibromoethane	ND		91	16	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
1,2-Dichlorobenzene	ND		91	23	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
1,2-Dichloroethane	ND		91	37	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
1,2-Dichloropropane	ND *		91	15	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
1,3-Dichlorobenzene	ND		91	24	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
1,4-Dichlorobenzene	ND		91	13	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
2-Hexanone	ND		460	190	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
2-Butanone (MEK)	ND		460	270	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
4-Methyl-2-pentanone (MIBK)	100	J	460	29	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
Acetone	ND		460	370	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
Benzene	ND		91	17	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
Bromodichloromethane	ND		91	18	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
Bromoform	ND		91	46	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
Bromomethane	ND		91	20	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
Carbon disulfide	ND		91	41	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
Carbon tetrachloride	ND		91	23	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
Chlorobenzene	ND		91	12	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
Dibromochloromethane	ND *		91	44	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
Chloroethane	ND		91	19	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
Chloroform	ND		91	62	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
Chloromethane	ND		91	22	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
cis-1,2-Dichloroethene	ND		91	25	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
cis-1,3-Dichloropropene	ND		91	22	ug/Kg		08/08/16 17:42	08/15/16 15:36	1

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 1E Oil-Antifreeze

Lab Sample ID: 480-104121-5

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		91	20	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
Dichlorodifluoromethane	ND		91	40	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
Ethylbenzene	180		91	27	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
Isopropylbenzene	64	J	91	14	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
Methyl acetate	ND		91	43	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
Methyl tert-butyl ether	ND		91	34	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
Methylcyclohexane	67	J	91	43	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
Methylene Chloride	ND	*	91	18	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
Styrene	ND		91	22	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
Tetrachloroethene	ND		91	12	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
Toluene	150		91	24	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
trans-1,2-Dichloroethene	ND		91	21	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
trans-1,3-Dichloropropene	ND		91	9.0	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
Trichloroethene	ND		91	25	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
Trichlorofluoromethane	ND		91	43	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
Vinyl chloride	ND		91	31	ug/Kg		08/08/16 17:42	08/15/16 15:36	1
Xylenes, Total	1100		180	50	ug/Kg		08/08/16 17:42	08/15/16 15:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		53 - 146	08/08/16 17:42	08/15/16 15:36	1
Toluene-d8 (Surr)	105		50 - 149	08/08/16 17:42	08/15/16 15:36	1
4-Bromofluorobenzene (Surr)	105		49 - 148	08/08/16 17:42	08/15/16 15:36	1
Dibromofluoromethane (Surr)	101		60 - 140	08/08/16 17:42	08/15/16 15:36	1

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.3	1.3	mg/Kg		08/05/16 14:42	08/05/16 23:48	1
PCB-1221	ND		1.3	1.3	mg/Kg		08/05/16 14:42	08/05/16 23:48	1
PCB-1232	ND		1.3	1.3	mg/Kg		08/05/16 14:42	08/05/16 23:48	1
PCB-1242	ND		1.3	1.3	mg/Kg		08/05/16 14:42	08/05/16 23:48	1
PCB-1248	ND		1.3	1.3	mg/Kg		08/05/16 14:42	08/05/16 23:48	1
PCB-1254	ND		1.3	1.3	mg/Kg		08/05/16 14:42	08/05/16 23:48	1
PCB-1260	ND		1.3	1.3	mg/Kg		08/05/16 14:42	08/05/16 23:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	110		60 - 154	08/05/16 14:42	08/05/16 23:48	1
DCB Decachlorobiphenyl	106		65 - 174	08/05/16 14:42	08/05/16 23:48	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.8	0.36	mg/Kg		08/10/16 07:13	08/12/16 08:25	1
Barium	0.18	J	0.45	0.10	mg/Kg		08/10/16 07:13	08/12/16 08:25	1
Cadmium	ND		0.18	0.027	mg/Kg		08/10/16 07:13	08/12/16 08:25	1
Chromium	ND		0.45	0.18	mg/Kg		08/10/16 07:13	08/12/16 08:25	1
Lead	0.39	J	0.91	0.22	mg/Kg		08/10/16 07:13	08/12/16 08:25	1
Selenium	ND		3.6	0.36	mg/Kg		08/10/16 07:13	08/12/16 08:25	1
Silver	ND		0.54	0.18	mg/Kg		08/10/16 07:13	08/12/16 08:25	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.019	0.0078	mg/Kg		08/05/16 09:45	08/05/16 11:51	1

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>180.0		50.0	50.0	Degrees F	-		08/09/16 18:04	1

Client Sample ID: 1F Oil-Antifreeze

Lab Sample ID: 480-104121-6

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		990	270	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
1,1,2,2-Tetrachloroethane	ND		990	160	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
1,1,2-Trichloroethane	ND		990	210	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		990	500	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
1,1-Dichloroethane	ND		990	310	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
1,1-Dichloroethene	ND		990	340	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
1,2,4-Trichlorobenzene	ND		990	380	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
1,2-Dibromo-3-Chloropropane	ND		990	500	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
1,2-Dibromoethane	ND		990	170	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
1,2-Dichlorobenzene	ND		990	250	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
1,2-Dichloroethane	ND		990	410	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
1,2-Dichloropropane	ND *		990	160	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
1,3-Dichlorobenzene	ND		990	260	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
1,4-Dichlorobenzene	ND		990	140	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
2-Hexanone	ND		5000	2000	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
2-Butanone (MEK)	ND		5000	2900	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
4-Methyl-2-pentanone (MIBK)	ND		5000	320	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
Acetone	ND		5000	4100	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
Benzene	ND		990	190	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
Bromodichloromethane	ND		990	200	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
Bromoform	ND		990	500	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
Bromomethane	ND		990	220	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
Carbon disulfide	ND		990	450	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
Carbon tetrachloride	ND		990	250	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
Chlorobenzene	ND		990	130	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
Dibromochloromethane	ND *		990	480	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
Chloroethane	ND		990	210	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
Chloroform	ND		990	680	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
Chloromethane	ND		990	240	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
cis-1,2-Dichloroethene	ND		990	270	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
cis-1,3-Dichloropropene	ND		990	240	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
Cyclohexane	ND		990	220	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
Dichlorodifluoromethane	ND		990	430	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
Ethylbenzene	ND		990	290	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
Isopropylbenzene	ND		990	150	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
Methyl acetate	ND		990	470	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
Methyl tert-butyl ether	ND		990	380	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
Methylcyclohexane	ND		990	460	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
Methylene Chloride	ND *		990	200	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
Styrene	ND		990	240	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
Tetrachloroethene	370 J		990	130	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
Toluene	ND		990	270	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
trans-1,2-Dichloroethene	ND		990	230	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
trans-1,3-Dichloropropene	ND		990	98	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10
Trichloroethene	ND		990	280	ug/Kg	-	08/08/16 17:42	08/12/16 01:09	10

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 1F Oil-Antifreeze

Lab Sample ID: 480-104121-6

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		990	470	ug/Kg		08/08/16 17:42	08/12/16 01:09	10
Vinyl chloride	ND		990	330	ug/Kg		08/08/16 17:42	08/12/16 01:09	10
Xylenes, Total	ND		2000	550	ug/Kg		08/08/16 17:42	08/12/16 01:09	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		53 - 146				08/08/16 17:42	08/12/16 01:09	10
Toluene-d8 (Surr)	93		50 - 149				08/08/16 17:42	08/12/16 01:09	10
4-Bromofluorobenzene (Surr)	116		49 - 148				08/08/16 17:42	08/12/16 01:09	10
Dibromofluoromethane (Surr)	114		60 - 140				08/08/16 17:42	08/12/16 01:09	10

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.8	1.8	mg/Kg		08/05/16 14:42	08/06/16 00:06	1
PCB-1221	ND		1.8	1.8	mg/Kg		08/05/16 14:42	08/06/16 00:06	1
PCB-1232	ND		1.8	1.8	mg/Kg		08/05/16 14:42	08/06/16 00:06	1
PCB-1242	ND		1.8	1.8	mg/Kg		08/05/16 14:42	08/06/16 00:06	1
PCB-1248	ND		1.8	1.8	mg/Kg		08/05/16 14:42	08/06/16 00:06	1
PCB-1254	ND		1.8	1.8	mg/Kg		08/05/16 14:42	08/06/16 00:06	1
PCB-1260	ND		1.8	1.8	mg/Kg		08/05/16 14:42	08/06/16 00:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	119		60 - 154				08/05/16 14:42	08/06/16 00:06	1
DCB Decachlorobiphenyl	98		65 - 174				08/05/16 14:42	08/06/16 00:06	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.9	0.38	mg/Kg		08/10/16 07:13	08/12/16 08:28	1
Barium	ND		0.48	0.11	mg/Kg		08/10/16 07:13	08/12/16 08:28	1
Cadmium	ND		0.19	0.029	mg/Kg		08/10/16 07:13	08/12/16 08:28	1
Chromium	ND		0.48	0.19	mg/Kg		08/10/16 07:13	08/12/16 08:28	1
Lead	0.44	J	0.96	0.23	mg/Kg		08/10/16 07:13	08/12/16 08:28	1
Selenium	ND		3.8	0.38	mg/Kg		08/10/16 07:13	08/12/16 08:28	1
Silver	ND		0.57	0.19	mg/Kg		08/10/16 07:13	08/12/16 08:28	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.0083	mg/Kg		08/05/16 09:45	08/05/16 11:54	1

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>180.0		50.0	50.0	Degrees F			08/09/16 18:04	1

Client Sample ID: 1G Oil-Antifreeze

Lab Sample ID: 480-104121-7

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1000	280	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
1,1,2,2-Tetrachloroethane	ND		1000	160	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
1,1,2-Trichloroethane	ND		1000	210	ug/Kg		08/08/16 17:42	08/12/16 01:32	10

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 1G Oil-Antifreeze

Lab Sample ID: 480-104121-7

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1000	500	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
1,1-Dichloroethane	ND		1000	310	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
1,1-Dichloroethene	ND		1000	350	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
1,2,4-Trichlorobenzene	ND		1000	380	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
1,2-Dibromo-3-Chloropropane	ND		1000	500	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
1,2-Dibromoethane	ND		1000	180	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
1,2-Dichlorobenzene	ND		1000	260	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
1,2-Dichloroethane	ND		1000	410	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
1,2-Dichloropropane	ND	*	1000	160	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
1,3-Dichlorobenzene	ND		1000	270	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
1,4-Dichlorobenzene	ND		1000	140	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
2-Hexanone	ND		5000	2100	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
2-Butanone (MEK)	ND		5000	3000	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
4-Methyl-2-pentanone (MIBK)	ND		5000	320	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
Acetone	ND		5000	4100	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
Benzene	ND		1000	190	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
Bromodichloromethane	ND		1000	200	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
Bromoform	ND		1000	500	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
Bromomethane	ND		1000	220	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
Carbon disulfide	ND		1000	460	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
Carbon tetrachloride	ND		1000	260	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
Chlorobenzene	ND		1000	130	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
Dibromochloromethane	ND	*	1000	480	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
Chloroethane	ND		1000	210	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
Chloroform	ND		1000	690	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
Chloromethane	ND		1000	240	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
cis-1,2-Dichloroethene	ND		1000	280	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
cis-1,3-Dichloropropene	ND		1000	240	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
Cyclohexane	ND		1000	220	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
Dichlorodifluoromethane	ND		1000	440	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
Ethylbenzene	ND		1000	290	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
Isopropylbenzene	ND		1000	150	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
Methyl acetate	ND		1000	480	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
Methyl tert-butyl ether	ND		1000	380	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
Methylcyclohexane	ND		1000	470	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
Methylene Chloride	ND	*	1000	200	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
Styrene	ND		1000	240	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
Tetrachloroethene	ND		1000	130	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
Toluene	ND		1000	270	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
trans-1,2-Dichloroethene	ND		1000	240	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
trans-1,3-Dichloropropene	ND		1000	98	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
Trichloroethene	ND		1000	280	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
Trichlorofluoromethane	ND		1000	470	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
Vinyl chloride	ND		1000	340	ug/Kg		08/08/16 17:42	08/12/16 01:32	10
Xylenes, Total	ND		2000	550	ug/Kg		08/08/16 17:42	08/12/16 01:32	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		53 - 146	08/08/16 17:42	08/12/16 01:32	10
Toluene-d8 (Surr)	92		50 - 149	08/08/16 17:42	08/12/16 01:32	10
4-Bromofluorobenzene (Surr)	112		49 - 148	08/08/16 17:42	08/12/16 01:32	10

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 1G Oil-Antifreeze

Lab Sample ID: 480-104121-7

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	113		60 - 140	08/08/16 17:42	08/12/16 01:32	10

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.6	1.6	mg/Kg		08/05/16 14:42	08/06/16 00:24	1
PCB-1221	ND		1.6	1.6	mg/Kg		08/05/16 14:42	08/06/16 00:24	1
PCB-1232	ND		1.6	1.6	mg/Kg		08/05/16 14:42	08/06/16 00:24	1
PCB-1242	ND		1.6	1.6	mg/Kg		08/05/16 14:42	08/06/16 00:24	1
PCB-1248	ND		1.6	1.6	mg/Kg		08/05/16 14:42	08/06/16 00:24	1
PCB-1254	ND		1.6	1.6	mg/Kg		08/05/16 14:42	08/06/16 00:24	1
PCB-1260	ND		1.6	1.6	mg/Kg		08/05/16 14:42	08/06/16 00:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	107		60 - 154	08/05/16 14:42	08/06/16 00:24	1
DCB Decachlorobiphenyl	124		65 - 174	08/05/16 14:42	08/06/16 00:24	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.1	J	2.1	0.42	mg/Kg		08/10/16 07:13	08/12/16 08:31	1
Barium	0.16	J	0.52	0.11	mg/Kg		08/10/16 07:13	08/12/16 08:31	1
Cadmium	0.055	J	0.21	0.031	mg/Kg		08/10/16 07:13	08/12/16 08:31	1
Chromium	ND		0.52	0.21	mg/Kg		08/10/16 07:13	08/12/16 08:31	1
Lead	0.59	J	1.0	0.25	mg/Kg		08/10/16 07:13	08/12/16 08:31	1
Selenium	0.44	J	4.2	0.42	mg/Kg		08/10/16 07:13	08/12/16 08:31	1
Silver	ND		0.62	0.21	mg/Kg		08/10/16 07:13	08/12/16 08:31	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.0082	mg/Kg		08/05/16 09:45	08/05/16 11:58	1

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>180.0		50.0	50.0	Degrees F			08/09/16 18:04	1

Client Sample ID: 1H Oil-Antifreeze

Lab Sample ID: 480-104121-8

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		980	270	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
1,1,1,2,2-Tetrachloroethane	ND		980	160	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
1,1,1,2-Trichloroethane	ND		980	210	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		980	490	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
1,1-Dichloroethane	ND		980	300	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
1,1-Dichloroethene	ND		980	340	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
1,2,4-Trichlorobenzene	ND		980	370	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
1,2-Dibromo-3-Chloropropane	ND		980	490	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
1,2-Dibromoethane	ND		980	170	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
1,2-Dichlorobenzene	ND		980	250	ug/Kg		08/08/16 17:42	08/12/16 01:55	10

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 1H Oil-Antifreeze

Lab Sample ID: 480-104121-8

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		980	400	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
1,2-Dichloropropane	ND	*	980	160	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
1,3-Dichlorobenzene	ND		980	260	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
1,4-Dichlorobenzene	ND		980	140	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
2-Hexanone	ND		4900	2000	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
2-Butanone (MEK)	ND		4900	2900	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
4-Methyl-2-pentanone (MIBK)	ND		4900	310	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
Acetone	ND		4900	4000	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
Benzene	ND		980	190	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
Bromodichloromethane	ND		980	200	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
Bromoform	ND		980	490	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
Bromomethane	ND		980	220	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
Carbon disulfide	ND		980	450	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
Carbon tetrachloride	ND		980	250	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
Chlorobenzene	ND		980	130	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
Dibromochloromethane	ND	*	980	470	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
Chloroethane	ND		980	200	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
Chloroform	ND		980	670	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
Chloromethane	ND		980	230	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
cis-1,2-Dichloroethene	ND		980	270	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
cis-1,3-Dichloropropene	ND		980	230	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
Cyclohexane	ND		980	220	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
Dichlorodifluoromethane	ND		980	430	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
Ethylbenzene	6400		980	280	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
Isopropylbenzene	1500		980	150	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
Methyl acetate	ND		980	470	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
Methyl tert-butyl ether	ND		980	370	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
Methylcyclohexane	630	J	980	460	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
Methylene Chloride	ND	*	980	190	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
Styrene	ND		980	240	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
Tetrachloroethene	ND		980	130	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
Toluene	3000		980	260	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
trans-1,2-Dichloroethene	ND		980	230	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
trans-1,3-Dichloropropene	ND		980	96	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
Trichloroethene	ND		980	270	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
Trichlorofluoromethane	ND		980	460	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
Vinyl chloride	ND		980	330	ug/Kg		08/08/16 17:42	08/12/16 01:55	10
Xylenes, Total	47000		2000	540	ug/Kg		08/08/16 17:42	08/12/16 01:55	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		53 - 146	08/08/16 17:42	08/12/16 01:55	10
Toluene-d8 (Surr)	91		50 - 149	08/08/16 17:42	08/12/16 01:55	10
4-Bromofluorobenzene (Surr)	116		49 - 148	08/08/16 17:42	08/12/16 01:55	10
Dibromofluoromethane (Surr)	115		60 - 140	08/08/16 17:42	08/12/16 01:55	10

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.9	1.9	mg/Kg		08/05/16 14:42	08/06/16 00:42	1
PCB-1221	ND		1.9	1.9	mg/Kg		08/05/16 14:42	08/06/16 00:42	1
PCB-1232	ND		1.9	1.9	mg/Kg		08/05/16 14:42	08/06/16 00:42	1

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 1H Oil-Antifreeze

Lab Sample ID: 480-104121-8

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		1.9	1.9	mg/Kg		08/05/16 14:42	08/06/16 00:42	1
PCB-1248	ND		1.9	1.9	mg/Kg		08/05/16 14:42	08/06/16 00:42	1
PCB-1254	ND		1.9	1.9	mg/Kg		08/05/16 14:42	08/06/16 00:42	1
PCB-1260	ND		1.9	1.9	mg/Kg		08/05/16 14:42	08/06/16 00:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	105		60 - 154				08/05/16 14:42	08/06/16 00:42	1
DCB Decachlorobiphenyl	109		65 - 174				08/05/16 14:42	08/06/16 00:42	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.0	0.39	mg/Kg		08/10/16 07:13	08/12/16 08:35	1
Barium	0.47	J	0.49	0.11	mg/Kg		08/10/16 07:13	08/12/16 08:35	1
Cadmium	0.16	J	0.20	0.029	mg/Kg		08/10/16 07:13	08/12/16 08:35	1
Chromium	0.57		0.49	0.20	mg/Kg		08/10/16 07:13	08/12/16 08:35	1
Lead	2.3		0.98	0.24	mg/Kg		08/10/16 07:13	08/12/16 08:35	1
Selenium	ND		3.9	0.39	mg/Kg		08/10/16 07:13	08/12/16 08:35	1
Silver	ND		0.59	0.20	mg/Kg		08/10/16 07:13	08/12/16 08:35	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.0079	mg/Kg		08/05/16 09:45	08/05/16 12:00	1

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>180.0		50.0	50.0	Degrees F			08/09/16 18:04	1

Client Sample ID: 1I Oil-Antifreeze

Lab Sample ID: 480-104121-9

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		970	270	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
1,1,2,2-Tetrachloroethane	ND		970	160	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
1,1,2-Trichloroethane	ND		970	200	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		970	490	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
1,1-Dichloroethane	ND		970	300	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
1,1-Dichloroethene	ND		970	340	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
1,2,4-Trichlorobenzene	ND		970	370	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
1,2-Dibromo-3-Chloropropane	ND		970	490	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
1,2-Dibromoethane	ND		970	170	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
1,2-Dichlorobenzene	ND		970	250	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
1,2-Dichloroethane	ND		970	400	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
1,2-Dichloropropane	ND	*	970	160	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
1,3-Dichlorobenzene	ND		970	260	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
1,4-Dichlorobenzene	ND		970	140	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
2-Hexanone	ND		4900	2000	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
2-Butanone (MEK)	ND		4900	2900	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
4-Methyl-2-pentanone (MIBK)	ND		4900	310	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
Acetone	ND		4900	4000	ug/Kg		08/08/16 17:42	08/12/16 02:18	10

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 1I Oil-Antifreeze

Lab Sample ID: 480-104121-9

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		970	180	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
Bromodichloromethane	ND		970	190	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
Bromoform	ND		970	490	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
Bromomethane	ND		970	210	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
Carbon disulfide	ND		970	440	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
Carbon tetrachloride	ND		970	250	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
Chlorobenzene	ND		970	130	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
Dibromochloromethane	ND	*	970	470	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
Chloroethane	ND		970	200	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
Chloroform	ND		970	670	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
Chloromethane	ND		970	230	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
cis-1,2-Dichloroethene	ND		970	270	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
cis-1,3-Dichloropropene	ND		970	230	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
Cyclohexane	ND		970	220	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
Dichlorodifluoromethane	ND		970	420	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
Ethylbenzene	1900		970	280	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
Isopropylbenzene	570	J	970	150	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
Methyl acetate	ND		970	460	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
Methyl tert-butyl ether	ND		970	370	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
Methylcyclohexane	470	J	970	450	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
Methylene Chloride	ND	*	970	190	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
Styrene	ND		970	230	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
Tetrachloroethene	ND		970	130	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
Toluene	2100		970	260	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
trans-1,2-Dichloroethene	ND		970	230	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
trans-1,3-Dichloropropene	ND		970	95	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
Trichloroethene	ND		970	270	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
Trichlorofluoromethane	ND		970	460	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
Vinyl chloride	ND		970	330	ug/Kg		08/08/16 17:42	08/12/16 02:18	10
Xylenes, Total	12000		1900	540	ug/Kg		08/08/16 17:42	08/12/16 02:18	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		53 - 146	08/08/16 17:42	08/12/16 02:18	10
Toluene-d8 (Surr)	95		50 - 149	08/08/16 17:42	08/12/16 02:18	10
4-Bromofluorobenzene (Surr)	115		49 - 148	08/08/16 17:42	08/12/16 02:18	10
Dibromofluoromethane (Surr)	108		60 - 140	08/08/16 17:42	08/12/16 02:18	10

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.9	1.9	mg/Kg		08/05/16 14:42	08/06/16 00:59	1
PCB-1221	ND		1.9	1.9	mg/Kg		08/05/16 14:42	08/06/16 00:59	1
PCB-1232	ND		1.9	1.9	mg/Kg		08/05/16 14:42	08/06/16 00:59	1
PCB-1242	ND		1.9	1.9	mg/Kg		08/05/16 14:42	08/06/16 00:59	1
PCB-1248	ND		1.9	1.9	mg/Kg		08/05/16 14:42	08/06/16 00:59	1
PCB-1254	ND		1.9	1.9	mg/Kg		08/05/16 14:42	08/06/16 00:59	1
PCB-1260	ND		1.9	1.9	mg/Kg		08/05/16 14:42	08/06/16 00:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	91		60 - 154	08/05/16 14:42	08/06/16 00:59	1
DCB Decachlorobiphenyl	95		65 - 174	08/05/16 14:42	08/06/16 00:59	1

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 1I Oil-Antifreeze

Lab Sample ID: 480-104121-9

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.0	0.39	mg/Kg		08/10/16 07:13	08/12/16 08:38	1
Barium	0.19	J	0.49	0.11	mg/Kg		08/10/16 07:13	08/12/16 08:38	1
Cadmium	ND		0.20	0.030	mg/Kg		08/10/16 07:13	08/12/16 08:38	1
Chromium	ND		0.49	0.20	mg/Kg		08/10/16 07:13	08/12/16 08:38	1
Lead	0.33	J	0.99	0.24	mg/Kg		08/10/16 07:13	08/12/16 08:38	1
Selenium	ND		3.9	0.39	mg/Kg		08/10/16 07:13	08/12/16 08:38	1
Silver	ND		0.59	0.20	mg/Kg		08/10/16 07:13	08/12/16 08:38	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.0082	mg/Kg		08/05/16 09:45	08/05/16 12:01	1

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>180.0		50.0	50.0	Degrees F			08/09/16 18:04	1

Client Sample ID: 1J Oil-Antifreeze

Lab Sample ID: 480-104121-10

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		960	270	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
1,1,1,2,2-Tetrachloroethane	ND		960	160	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
1,1,2-Trichloroethane	ND		960	200	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		960	480	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
1,1-Dichloroethane	ND		960	300	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
1,1-Dichloroethene	ND		960	330	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
1,2,4-Trichlorobenzene	ND		960	360	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
1,2-Dibromo-3-Chloropropane	ND		960	480	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
1,2-Dibromoethane	ND		960	170	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
1,2-Dichlorobenzene	ND		960	240	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
1,2-Dichloroethane	ND		960	390	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
1,2-Dichloropropane	ND *		960	160	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
1,3-Dichlorobenzene	ND		960	260	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
1,4-Dichlorobenzene	ND		960	130	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
2-Hexanone	ND		4800	2000	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
2-Butanone (MEK)	ND		4800	2800	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
4-Methyl-2-pentanone (MIBK)	ND		4800	310	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
Acetone	ND		4800	3900	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
Benzene	ND		960	180	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
Bromodichloromethane	ND		960	190	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
Bromoform	ND		960	480	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
Bromomethane	ND		960	210	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
Carbon disulfide	ND		960	440	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
Carbon tetrachloride	ND		960	240	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
Chlorobenzene	ND		960	130	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
Dibromochloromethane	ND *		960	460	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
Chloroethane	ND		960	200	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
Chloroform	ND		960	660	ug/Kg		08/08/16 17:42	08/12/16 02:41	10

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 1J Oil-Antifreeze

Lab Sample ID: 480-104121-10

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		960	230	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
cis-1,2-Dichloroethene	ND		960	260	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
cis-1,3-Dichloropropene	ND		960	230	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
Cyclohexane	ND		960	210	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
Dichlorodifluoromethane	ND		960	420	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
Ethylbenzene	7900		960	280	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
Isopropylbenzene	1400		960	140	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
Methyl acetate	ND		960	460	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
Methyl tert-butyl ether	ND		960	360	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
Methylcyclohexane	1400		960	450	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
Methylene Chloride	ND *		960	190	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
Styrene	ND		960	230	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
Tetrachloroethene	ND		960	130	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
Toluene	6700		960	260	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
trans-1,2-Dichloroethene	ND		960	230	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
trans-1,3-Dichloropropene	ND		960	94	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
Trichloroethene	ND		960	270	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
Trichlorofluoromethane	ND		960	450	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
Vinyl chloride	ND		960	320	ug/Kg		08/08/16 17:42	08/12/16 02:41	10
Xylenes, Total	36000		1900	530	ug/Kg		08/08/16 17:42	08/12/16 02:41	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		53 - 146	08/08/16 17:42	08/12/16 02:41	10
Toluene-d8 (Surr)	92		50 - 149	08/08/16 17:42	08/12/16 02:41	10
4-Bromofluorobenzene (Surr)	115		49 - 148	08/08/16 17:42	08/12/16 02:41	10
Dibromofluoromethane (Surr)	106		60 - 140	08/08/16 17:42	08/12/16 02:41	10

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.8	1.8	mg/Kg		08/05/16 14:42	08/06/16 01:17	1
PCB-1221	ND		1.8	1.8	mg/Kg		08/05/16 14:42	08/06/16 01:17	1
PCB-1232	ND		1.8	1.8	mg/Kg		08/05/16 14:42	08/06/16 01:17	1
PCB-1242	ND		1.8	1.8	mg/Kg		08/05/16 14:42	08/06/16 01:17	1
PCB-1248	ND		1.8	1.8	mg/Kg		08/05/16 14:42	08/06/16 01:17	1
PCB-1254	ND		1.8	1.8	mg/Kg		08/05/16 14:42	08/06/16 01:17	1
PCB-1260	ND		1.8	1.8	mg/Kg		08/05/16 14:42	08/06/16 01:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	102		60 - 154	08/05/16 14:42	08/06/16 01:17	1
DCB Decachlorobiphenyl	106		65 - 174	08/05/16 14:42	08/06/16 01:17	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.58	J	2.0	0.40	mg/Kg		08/11/16 16:00	08/12/16 15:35	1
Barium	0.74		0.49	0.11	mg/Kg		08/11/16 16:00	08/12/16 15:35	1
Cadmium	0.037	J	0.20	0.030	mg/Kg		08/11/16 16:00	08/12/16 15:35	1
Chromium	0.29	J	0.49	0.20	mg/Kg		08/11/16 16:00	08/12/16 15:35	1
Lead	0.42	J	0.99	0.24	mg/Kg		08/11/16 16:00	08/12/16 15:35	1
Selenium	0.45	J	4.0	0.40	mg/Kg		08/11/16 16:00	08/12/16 15:35	1
Silver	ND		0.59	0.20	mg/Kg		08/11/16 16:00	08/12/16 15:35	1

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 1J Oil-Antifreeze

Lab Sample ID: 480-104121-10

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.0079	mg/Kg		08/05/16 09:45	08/05/16 12:03	1

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176		50.0	50.0	Degrees F			08/11/16 16:37	1

Client Sample ID: 1K Oil-Antifreeze

Lab Sample ID: 480-104121-11

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		980	270	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
1,1,2,2-Tetrachloroethane	ND	F1	980	160	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
1,1,2-Trichloroethane	ND		980	210	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		980	490	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
1,1-Dichloroethane	ND	F1	980	300	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
1,1-Dichloroethene	ND		980	340	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
1,2,4-Trichlorobenzene	ND		980	370	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
1,2-Dibromo-3-Chloropropane	ND	F1	980	490	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
1,2-Dibromoethane	ND	F1	980	170	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
1,2-Dichlorobenzene	ND	F1	980	250	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
1,2-Dichloroethane	ND		980	400	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
1,2-Dichloropropane	ND	F1 *	980	160	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
1,3-Dichlorobenzene	ND	F1	980	260	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
1,4-Dichlorobenzene	ND	F1	980	140	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
2-Hexanone	ND	F2 F1	4900	2000	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
2-Butanone (MEK)	ND		4900	2900	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
4-Methyl-2-pentanone (MIBK)	ND	F1	4900	310	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
Acetone	ND		4900	4000	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
Benzene	19000		980	190	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
Bromodichloromethane	ND	F1	980	200	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
Bromoform	ND		980	490	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
Bromomethane	ND		980	220	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
Carbon disulfide	ND	F1	980	450	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
Carbon tetrachloride	ND		980	250	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
Chlorobenzene	ND		980	130	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
Dibromochloromethane	ND	*	980	470	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
Chloroethane	ND		980	200	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
Chloroform	ND		980	670	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
Chloromethane	ND		980	230	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
cis-1,2-Dichloroethene	ND		980	270	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
cis-1,3-Dichloropropene	ND		980	230	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
Cyclohexane	27000		980	220	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
Dichlorodifluoromethane	ND		980	430	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
Ethylbenzene	73000		980	280	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
Isopropylbenzene	26000		980	150	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
Methyl acetate	ND	F1	980	470	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
Methyl tert-butyl ether	5300		980	370	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
Methylcyclohexane	73000		980	460	ug/Kg		08/08/16 17:42	08/12/16 03:04	10

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 1K Oil-Antifreeze

Lab Sample ID: 480-104121-11

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND	F1 *	980	190	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
Styrene	ND	F1	980	240	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
Tetrachloroethene	640	J F1	980	130	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
trans-1,2-Dichloroethene	ND	F1	980	230	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
trans-1,3-Dichloropropene	ND	F1	980	96	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
Trichloroethene	ND	F1	980	270	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
Trichlorofluoromethane	ND		980	460	ug/Kg		08/08/16 17:42	08/12/16 03:04	10
Vinyl chloride	ND		980	330	ug/Kg		08/08/16 17:42	08/12/16 03:04	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		53 - 146	08/08/16 17:42	08/12/16 03:04	10
Toluene-d8 (Surr)	85		50 - 149	08/08/16 17:42	08/12/16 03:04	10
4-Bromofluorobenzene (Surr)	103		49 - 148	08/08/16 17:42	08/12/16 03:04	10
Dibromofluoromethane (Surr)	104		60 - 140	08/08/16 17:42	08/12/16 03:04	10

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	160000		4900	1300	ug/Kg		08/08/16 17:42	08/13/16 01:29	50
Xylenes, Total	530000		9800	2700	ug/Kg		08/08/16 17:42	08/13/16 01:29	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		53 - 146	08/08/16 17:42	08/13/16 01:29	50
Toluene-d8 (Surr)	98		50 - 149	08/08/16 17:42	08/13/16 01:29	50
4-Bromofluorobenzene (Surr)	102		49 - 148	08/08/16 17:42	08/13/16 01:29	50
Dibromofluoromethane (Surr)	98		60 - 140	08/08/16 17:42	08/13/16 01:29	50

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.5	1.5	mg/Kg		08/05/16 14:42	08/06/16 01:35	1
PCB-1221	ND		1.5	1.5	mg/Kg		08/05/16 14:42	08/06/16 01:35	1
PCB-1232	ND		1.5	1.5	mg/Kg		08/05/16 14:42	08/06/16 01:35	1
PCB-1242	ND		1.5	1.5	mg/Kg		08/05/16 14:42	08/06/16 01:35	1
PCB-1248	ND		1.5	1.5	mg/Kg		08/05/16 14:42	08/06/16 01:35	1
PCB-1254	ND		1.5	1.5	mg/Kg		08/05/16 14:42	08/06/16 01:35	1
PCB-1260	ND		1.5	1.5	mg/Kg		08/05/16 14:42	08/06/16 01:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	104		60 - 154	08/05/16 14:42	08/06/16 01:35	1
DCB Decachlorobiphenyl	103		65 - 174	08/05/16 14:42	08/06/16 01:35	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.71	J	2.0	0.40	mg/Kg		08/11/16 16:00	08/12/16 14:09	1
Barium	1.3		0.50	0.11	mg/Kg		08/11/16 16:00	08/12/16 14:09	1
Cadmium	0.35		0.20	0.030	mg/Kg		08/11/16 16:00	08/12/16 14:09	1
Chromium	0.61		0.50	0.20	mg/Kg		08/11/16 16:00	08/12/16 14:09	1
Lead	5.9		0.99	0.24	mg/Kg		08/11/16 16:00	08/12/16 14:09	1
Selenium	ND		4.0	0.40	mg/Kg		08/11/16 16:00	08/12/16 14:09	1
Silver	ND		0.60	0.20	mg/Kg		08/11/16 16:00	08/12/16 14:09	1

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 1K Oil-Antifreeze

Date Collected: 08/03/16 00:00

Date Received: 08/03/16 14:45

Lab Sample ID: 480-104121-11

Matrix: Waste

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.0080	mg/Kg	—	08/05/16 09:45	08/05/16 12:04	1

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	174		50.0	50.0	Degrees F	—		08/11/16 16:37	1

Client Sample ID: 2 Mineral Spirits

Date Collected: 08/03/16 00:00

Date Received: 08/03/16 14:45

Lab Sample ID: 480-104121-12

Matrix: Waste

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		11	11	mg/Kg	—	08/05/16 14:42	08/06/16 01:53	5
PCB-1221	ND		11	11	mg/Kg	—	08/05/16 14:42	08/06/16 01:53	5
PCB-1232	ND		11	11	mg/Kg	—	08/05/16 14:42	08/06/16 01:53	5
PCB-1242	ND		11	11	mg/Kg	—	08/05/16 14:42	08/06/16 01:53	5
PCB-1248	ND		11	11	mg/Kg	—	08/05/16 14:42	08/06/16 01:53	5
PCB-1254	ND		11	11	mg/Kg	—	08/05/16 14:42	08/06/16 01:53	5
PCB-1260	ND		11	11	mg/Kg	—	08/05/16 14:42	08/06/16 01:53	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	139		60 - 154	08/05/16 14:42	08/06/16 01:53	5
DCB Decachlorobiphenyl	77		65 - 174	08/05/16 14:42	08/06/16 01:53	5

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.47	J	2.1	0.42	mg/Kg	—	08/10/16 07:13	08/12/16 08:42	1
Barium	ND		0.53	0.12	mg/Kg	—	08/10/16 07:13	08/12/16 08:42	1
Cadmium	ND		0.21	0.032	mg/Kg	—	08/10/16 07:13	08/12/16 08:42	1
Chromium	ND		0.53	0.21	mg/Kg	—	08/10/16 07:13	08/12/16 08:42	1
Lead	ND		1.1	0.25	mg/Kg	—	08/10/16 07:13	08/12/16 08:42	1
Selenium	ND		4.2	0.42	mg/Kg	—	08/10/16 07:13	08/12/16 08:42	1
Silver	ND		0.64	0.21	mg/Kg	—	08/10/16 07:13	08/12/16 08:42	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.0082	mg/Kg	—	08/05/16 09:45	08/05/16 12:05	1

Client Sample ID: 3A soil

Date Collected: 08/03/16 00:00

Date Received: 08/03/16 14:45

Lab Sample ID: 480-104121-13

Matrix: Solid

Percent Solids: 45.1

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.53	0.10	mg/Kg	☼	08/05/16 07:06	08/06/16 01:25	1
PCB-1221	ND		0.53	0.10	mg/Kg	☼	08/05/16 07:06	08/06/16 01:25	1
PCB-1232	ND		0.53	0.10	mg/Kg	☼	08/05/16 07:06	08/06/16 01:25	1
PCB-1242	ND		0.53	0.10	mg/Kg	☼	08/05/16 07:06	08/06/16 01:25	1
PCB-1248	ND		0.53	0.10	mg/Kg	☼	08/05/16 07:06	08/06/16 01:25	1
PCB-1254	ND		0.53	0.25	mg/Kg	☼	08/05/16 07:06	08/06/16 01:25	1
PCB-1260	ND		0.53	0.25	mg/Kg	☼	08/05/16 07:06	08/06/16 01:25	1

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 3A soil

Date Collected: 08/03/16 00:00

Date Received: 08/03/16 14:45

Lab Sample ID: 480-104121-13

Matrix: Solid

Percent Solids: 45.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	100		60 - 154	08/05/16 07:06	08/06/16 01:25	1
DCB Decachlorobiphenyl	93		65 - 174	08/05/16 07:06	08/06/16 01:25	1

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		08/11/16 10:38	08/12/16 23:55	1
Barium	0.96	J	1.0	0.10	mg/L		08/11/16 10:38	08/12/16 23:55	1
Cadmium	0.0013	J	0.0020	0.00050	mg/L		08/11/16 10:38	08/12/16 23:55	1
Chromium	ND		0.020	0.010	mg/L		08/11/16 10:38	08/12/16 23:55	1
Lead	0.016	J	0.020	0.0030	mg/L		08/11/16 10:38	08/12/16 23:55	1
Selenium	ND		0.025	0.0087	mg/L		08/11/16 10:38	08/12/16 23:55	1
Silver	ND		0.0060	0.0017	mg/L		08/11/16 10:38	08/12/16 23:55	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/11/16 12:25	08/11/16 15:14	1

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
pH	11.1	HF	0.1	0.1	SU			08/05/16 23:40	1

Client Sample ID: 3B soil

Date Collected: 08/03/16 00:00

Date Received: 08/03/16 14:45

Lab Sample ID: 480-104121-14

Matrix: Solid

Percent Solids: 36.5

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.57	0.11	mg/Kg	☼	08/05/16 07:06	08/06/16 01:41	1
PCB-1221	ND		0.57	0.11	mg/Kg	☼	08/05/16 07:06	08/06/16 01:41	1
PCB-1232	ND		0.57	0.11	mg/Kg	☼	08/05/16 07:06	08/06/16 01:41	1
PCB-1242	0.62		0.57	0.11	mg/Kg	☼	08/05/16 07:06	08/06/16 01:41	1
PCB-1248	ND		0.57	0.11	mg/Kg	☼	08/05/16 07:06	08/06/16 01:41	1
PCB-1254	0.30	J	0.57	0.27	mg/Kg	☼	08/05/16 07:06	08/06/16 01:41	1
PCB-1260	ND		0.57	0.27	mg/Kg	☼	08/05/16 07:06	08/06/16 01:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	97		60 - 154	08/05/16 07:06	08/06/16 01:41	1
DCB Decachlorobiphenyl	90		65 - 174	08/05/16 07:06	08/06/16 01:41	1

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0063	J	0.015	0.0056	mg/L		08/11/16 10:38	08/12/16 23:59	1
Barium	0.86	J	1.0	0.10	mg/L		08/11/16 10:38	08/12/16 23:59	1
Cadmium	0.0091		0.0020	0.00050	mg/L		08/11/16 10:38	08/12/16 23:59	1
Chromium	ND		0.020	0.010	mg/L		08/11/16 10:38	08/12/16 23:59	1
Lead	0.025		0.020	0.0030	mg/L		08/11/16 10:38	08/12/16 23:59	1
Selenium	ND		0.025	0.0087	mg/L		08/11/16 10:38	08/12/16 23:59	1
Silver	ND		0.0060	0.0017	mg/L		08/11/16 10:38	08/12/16 23:59	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/11/16 12:25	08/11/16 15:16	1

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
pH	11.5	HF	0.1	0.1	SU			08/05/16 23:40	1

Client Sample ID: 4 Rainwater

Lab Sample ID: 480-104121-15

Date Collected: 08/03/16 00:00

Matrix: Water

Date Received: 08/03/16 14:45

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/10/16 01:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/10/16 01:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/10/16 01:33	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/10/16 01:33	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/10/16 01:33	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/10/16 01:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/10/16 01:33	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/10/16 01:33	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/10/16 01:33	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/10/16 01:33	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/10/16 01:33	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/10/16 01:33	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/10/16 01:33	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/10/16 01:33	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/10/16 01:33	1
2-Hexanone	ND		5.0	1.2	ug/L			08/10/16 01:33	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/10/16 01:33	1
Acetone	ND		10	3.0	ug/L			08/10/16 01:33	1
Benzene	ND		1.0	0.41	ug/L			08/10/16 01:33	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/10/16 01:33	1
Bromoform	ND		1.0	0.26	ug/L			08/10/16 01:33	1
Bromomethane	ND		1.0	0.69	ug/L			08/10/16 01:33	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/10/16 01:33	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/10/16 01:33	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/10/16 01:33	1
Chloroethane	ND		1.0	0.32	ug/L			08/10/16 01:33	1
Chloroform	ND		1.0	0.34	ug/L			08/10/16 01:33	1
Chloromethane	ND		1.0	0.35	ug/L			08/10/16 01:33	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/10/16 01:33	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/10/16 01:33	1
Cyclohexane	ND		1.0	0.18	ug/L			08/10/16 01:33	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/10/16 01:33	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/10/16 01:33	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/10/16 01:33	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/10/16 01:33	1
Methyl acetate	ND		2.5	1.3	ug/L			08/10/16 01:33	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/10/16 01:33	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/10/16 01:33	1
Methylene Chloride	1.6		1.0	0.44	ug/L			08/10/16 01:33	1
Styrene	ND		1.0	0.73	ug/L			08/10/16 01:33	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/10/16 01:33	1
Toluene	ND		1.0	0.51	ug/L			08/10/16 01:33	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/10/16 01:33	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/10/16 01:33	1
Trichloroethene	ND		1.0	0.46	ug/L			08/10/16 01:33	1

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 4 Rainwater

Lab Sample ID: 480-104121-15

Date Collected: 08/03/16 00:00

Matrix: Water

Date Received: 08/03/16 14:45

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/10/16 01:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/10/16 01:33	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/10/16 01:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120					08/10/16 01:33	1
4-Bromofluorobenzene (Surr)	107		73 - 120					08/10/16 01:33	1
Toluene-d8 (Surr)	92		80 - 120					08/10/16 01:33	1
Dibromofluoromethane (Surr)	102		75 - 123					08/10/16 01:33	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		08/08/16 08:02	08/09/16 09:11	1
Barium	0.23		0.0020	0.00070	mg/L		08/08/16 08:02	08/09/16 09:11	1
Cadmium	ND		0.0020	0.00050	mg/L		08/08/16 08:02	08/09/16 09:11	1
Chromium	0.0029	J	0.0040	0.0010	mg/L		08/08/16 08:02	08/09/16 09:11	1
Lead	ND		0.010	0.0030	mg/L		08/08/16 08:02	08/09/16 09:11	1
Selenium	ND		0.025	0.0087	mg/L		08/08/16 08:02	08/09/16 09:11	1
Silver	ND		0.0060	0.0017	mg/L		08/08/16 08:02	08/09/16 09:11	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/05/16 07:30	08/05/16 12:11	1

Client Sample ID: 5 Washwater

Lab Sample ID: 480-104121-16

Date Collected: 08/03/16 00:00

Matrix: Water

Date Received: 08/03/16 14:45

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		3.1	1.1	ug/L		08/09/16 08:38	08/10/16 02:22	1
PCB-1221	ND		3.1	1.1	ug/L		08/09/16 08:38	08/10/16 02:22	1
PCB-1232	ND		3.1	1.1	ug/L		08/09/16 08:38	08/10/16 02:22	1
PCB-1242	ND		3.1	1.1	ug/L		08/09/16 08:38	08/10/16 02:22	1
PCB-1248	ND		3.1	1.1	ug/L		08/09/16 08:38	08/10/16 02:22	1
PCB-1254	ND		3.1	1.6	ug/L		08/09/16 08:38	08/10/16 02:22	1
PCB-1260	ND		3.1	1.6	ug/L		08/09/16 08:38	08/10/16 02:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	80		39 - 121				08/09/16 08:38	08/10/16 02:22	1
DCB Decachlorobiphenyl	78		19 - 120				08/09/16 08:38	08/10/16 02:22	1

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
pH	12.3	HF	0.100	0.100	SU			08/10/16 14:15	1

TestAmerica Buffalo

Surrogate Summary

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

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

Matrix: Waste

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (53-146)	TOL (50-149)	BFB (49-148)	DBFM (60-140)
480-104121-1	1A Oil-Antifreeze	110	105	104	99
480-104121-2	1B Oil-Antifreeze	109	104	102	100
480-104121-3	1C Oil-Antifreeze	100	91	117	110
480-104121-4	1D Oil-Antifreeze	101	95	114	107
480-104121-5	1E Oil-Antifreeze	107	105	105	101
480-104121-6	1F Oil-Antifreeze	102	93	116	114
480-104121-7	1G Oil-Antifreeze	104	92	112	113
480-104121-8	1H Oil-Antifreeze	103	91	116	115
480-104121-9	1I Oil-Antifreeze	100	95	115	108
480-104121-10	1J Oil-Antifreeze	95	92	115	106
480-104121-11	1K Oil-Antifreeze	99	85	103	104
480-104121-11 - DL	1K Oil-Antifreeze	103	98	102	98
480-104121-11 MS	1K Oil-Antifreeze	98	82	101	102
480-104121-11 MS	1K Oil-Antifreeze	108	101	105	104
480-104121-11 MSD	1K Oil-Antifreeze	99	81	99	104
480-104121-11 MSD	1K Oil-Antifreeze	103	101	104	100
LCS 480-314993/2-A	Lab Control Sample	103	93	111	114
LCS 480-315815/8	Lab Control Sample	102	98	99	100
MB 480-314993/1-A	Method Blank	105	92	109	111
MB 480-315815/10	Method Blank	101	98	104	102
MB 480-315823/1-A	Method Blank	103	99	102	97

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-104121-15	4 Rainwater	103	107	92	102
LCS 480-315182/5	Lab Control Sample	100	109	94	110
MB 480-315182/7	Method Blank	102	108	91	106

Surrogate Legend

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

Surrogate Summary

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX2 (60-154)	DCB2 (65-174)
480-104121-13	3A soil	100	93
480-104121-14	3B soil	97	90
LCS 480-314572/2-A	Lab Control Sample	123	129
MB 480-314572/1-A	Method Blank	119	131
Surrogate Legend			
TCX = Tetrachloro-m-xylene			
DCB = DCB Decachlorobiphenyl			

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

Matrix: Waste

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX2 (60-154)	DCB2 (65-174)
480-104121-1	1A Oil-Antifreeze	119	109
480-104121-2	1B Oil-Antifreeze	114	104
480-104121-3	1C Oil-Antifreeze	99	114
480-104121-4	1D Oil-Antifreeze	114	104
480-104121-5	1E Oil-Antifreeze	110	106
480-104121-6	1F Oil-Antifreeze	119	98
480-104121-7	1G Oil-Antifreeze	107	124
480-104121-8	1H Oil-Antifreeze	105	109
480-104121-9	1I Oil-Antifreeze	91	95
480-104121-10	1J Oil-Antifreeze	102	106
480-104121-11	1K Oil-Antifreeze	104	103
480-104121-12	2 Mineral Spirits	139	77
LCS 480-314717/2-A	Lab Control Sample	127	128
LCSD 480-314717/3-A	Lab Control Sample Dup	126	130
MB 480-314717/1-A	Method Blank	127	127
Surrogate Legend			
TCX = Tetrachloro-m-xylene			
DCB = DCB Decachlorobiphenyl			

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX1 (39-121)	DCB1 (19-120)
480-104121-16	5 Washwater	80	78
LCS 480-315051/2-A	Lab Control Sample	99	60
MB 480-315051/1-A	Method Blank	86	75
Surrogate Legend			
TCX = Tetrachloro-m-xylene			
DCB = DCB Decachlorobiphenyl			

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QC Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

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

Lab Sample ID: MB 480-314993/1-A

Matrix: Waste

Analysis Batch: 315631

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 314993

Analyte	MB Result	MB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		98	27	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
1,1,2,2-Tetrachloroethane	ND		98	16	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		98	49	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
1,1,2-Trichloroethane	ND		98	21	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
1,1-Dichloroethane	ND		98	30	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
1,1-Dichloroethene	ND		98	34	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
1,2,4-Trichlorobenzene	ND		98	37	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
1,2-Dibromo-3-Chloropropane	ND		98	49	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
1,2-Dibromoethane	ND		98	17	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
1,2-Dichlorobenzene	ND		98	25	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
1,2-Dichloroethane	ND		98	40	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
1,2-Dichloropropane	ND		98	16	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
1,3-Dichlorobenzene	ND		98	26	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
1,4-Dichlorobenzene	ND		98	14	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
2-Butanone (MEK)	ND		490	290	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
2-Hexanone	ND		490	200	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
4-Methyl-2-pentanone (MIBK)	ND		490	31	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
Acetone	ND		490	400	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
Benzene	ND		98	19	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
Bromodichloromethane	ND		98	20	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
Bromoform	ND		98	49	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
Bromomethane	ND		98	21	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
Carbon disulfide	ND		98	44	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
Carbon tetrachloride	ND		98	25	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
Chlorobenzene	ND		98	13	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
Chloroethane	ND		98	20	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
Chloroform	ND		98	67	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
Chloromethane	ND		98	23	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
cis-1,2-Dichloroethene	ND		98	27	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
cis-1,3-Dichloropropene	ND		98	23	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
Cyclohexane	ND		98	22	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
Dibromochloromethane	ND		98	47	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
Dichlorodifluoromethane	ND		98	43	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
Ethylbenzene	ND		98	28	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
Isopropylbenzene	ND		98	15	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
Methyl acetate	ND		98	46	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
Methyl tert-butyl ether	ND		98	37	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
Methylcyclohexane	ND		98	46	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
Methylene Chloride	ND		98	19	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
Styrene	ND		98	24	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
Tetrachloroethene	ND		98	13	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
Toluene	ND		98	26	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
trans-1,2-Dichloroethene	ND		98	23	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
trans-1,3-Dichloropropene	ND		98	9.6	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
Trichloroethene	ND		98	27	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
Trichlorofluoromethane	ND		98	46	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
Vinyl chloride	ND		98	33	ug/Kg		08/08/16 17:42	08/11/16 22:27	1
Xylenes, Total	ND		200	54	ug/Kg		08/08/16 17:42	08/11/16 22:27	1

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QC Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		53 - 146	08/08/16 17:42	08/11/16 22:27	1
Toluene-d8 (Surr)	92		50 - 149	08/08/16 17:42	08/11/16 22:27	1
4-Bromofluorobenzene (Surr)	109		49 - 148	08/08/16 17:42	08/11/16 22:27	1
Dibromofluoromethane (Surr)	111		60 - 140	08/08/16 17:42	08/11/16 22:27	1

Lab Sample ID: LCS 480-314993/2-A

Matrix: Waste

Analysis Batch: 315631

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 314993

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	2480	3010		ug/Kg		121	68 - 130
1,1,2,2-Tetrachloroethane	2480	2020		ug/Kg		82	73 - 119
1,1,2-Trichloro-1,2,2-trifluoroethane	2480	3040		ug/Kg		122	10 - 179
1,1,2-Trichloroethane	2480	2510		ug/Kg		101	81 - 115
1,1-Dichloroethane	2480	2940		ug/Kg		118	78 - 121
1,1-Dichloroethene	2480	2830		ug/Kg		114	48 - 133
1,2,4-Trichlorobenzene	2480	3010		ug/Kg		121	70 - 140
1,2-Dibromo-3-Chloropropane	2480	1930		ug/Kg		78	56 - 122
1,2-Dibromoethane	2480	2570		ug/Kg		104	81 - 119
1,2-Dichlorobenzene	2480	2620		ug/Kg		106	78 - 125
1,2-Dichloroethane	2480	2910		ug/Kg		117	74 - 127
1,2-Dichloropropane	2480	3060	*	ug/Kg		124	81 - 115
1,3-Dichlorobenzene	2480	2570		ug/Kg		104	82 - 114
1,4-Dichlorobenzene	2480	2650		ug/Kg		107	81 - 113
2-Butanone (MEK)	12400	9950		ug/Kg		80	54 - 149
2-Hexanone	12400	8910		ug/Kg		72	59 - 127
4-Methyl-2-pentanone (MIBK)	12400	9230		ug/Kg		74	74 - 120
Acetone	12400	11500		ug/Kg		93	47 - 141
Benzene	2480	2840		ug/Kg		114	77 - 125
Bromodichloromethane	2480	2990		ug/Kg		121	71 - 121
Bromoform	2480	2940		ug/Kg		119	48 - 125
Bromomethane	2480	2800		ug/Kg		113	39 - 149
Carbon disulfide	2480	2570		ug/Kg		104	40 - 136
Carbon tetrachloride	2480	3290		ug/Kg		133	54 - 135
Chlorobenzene	2480	2750		ug/Kg		111	76 - 126
Chloroethane	2480	2230		ug/Kg		90	23 - 164
Chloroform	2480	2930		ug/Kg		118	78 - 118
Chloromethane	2480	2970		ug/Kg		120	61 - 124
cis-1,2-Dichloroethene	2480	3080		ug/Kg		124	79 - 124
cis-1,3-Dichloropropene	2480	2960		ug/Kg		119	75 - 121
Cyclohexane	2480	2750		ug/Kg		111	49 - 129
Dibromochloromethane	2480	2950	*	ug/Kg		119	64 - 118
Dichlorodifluoromethane	2480	2780		ug/Kg		112	10 - 150
Ethylbenzene	2480	2530		ug/Kg		102	78 - 124
Isopropylbenzene	2480	2220		ug/Kg		90	76 - 119
Methyl acetate	12400	10700		ug/Kg		87	71 - 123
Methyl tert-butyl ether	2480	2820		ug/Kg		114	67 - 137
Methylcyclohexane	2480	2800		ug/Kg		113	50 - 130
Methylene Chloride	2480	2950	*	ug/Kg		119	75 - 118
Styrene	2480	2740		ug/Kg		111	84 - 119
Tetrachloroethene	2480	3020		ug/Kg		122	73 - 133
Toluene	2480	2600		ug/Kg		105	75 - 124
trans-1,2-Dichloroethene	2480	2890		ug/Kg		117	74 - 129

TestAmerica Buffalo

QC Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

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

Lab Sample ID: LCS 480-314993/2-A

Matrix: Waste

Analysis Batch: 315631

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 314993

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,3-Dichloropropene	2480	2780		ug/Kg		112	73 - 118
Trichloroethene	2480	2710		ug/Kg		109	75 - 131
Trichlorofluoromethane	2480	3650		ug/Kg		147	29 - 158
Vinyl chloride	2480	3060		ug/Kg		123	59 - 124
Xylenes, Total	4960	5300		ug/Kg		107	78 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		53 - 146
Toluene-d8 (Surr)	93		50 - 149
4-Bromofluorobenzene (Surr)	111		49 - 148
Dibromofluoromethane (Surr)	114		60 - 140

Lab Sample ID: 480-104121-11 MS

Matrix: Waste

Analysis Batch: 315631

Client Sample ID: 1K Oil-Antifreeze

Prep Type: Total/NA

Prep Batch: 314993

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		2400	1530		ug/Kg		64	64 - 116
1,1,1,2-Tetrachloroethane	ND	F1	2400	14800	F1	ug/Kg		614	75 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2400	1960		ug/Kg		82	40 - 120
1,1,2-Trichloroethane	ND		2400	2260		ug/Kg		94	70 - 130
1,1-Dichloroethane	ND	F1	2400	1940	F1	ug/Kg		81	82 - 138
1,1-Dichloroethene	ND		2400	2140		ug/Kg		89	50 - 147
1,2,4-Trichlorobenzene	ND		2400	1520		ug/Kg		63	40 - 160
1,2-Dibromo-3-Chloropropane	ND	F1	2400	6200	F1	ug/Kg		258	60 - 110
1,2-Dibromoethane	ND	F1	2400	1550	F1	ug/Kg		64	81 - 119
1,2-Dichlorobenzene	ND	F1	2400	1510	F1	ug/Kg		63	80 - 132
1,2-Dichloroethane	ND		2400	2030		ug/Kg		85	78 - 129
1,2-Dichloropropane	ND	F1 *	2400	1730	F1	ug/Kg		72	76 - 125
1,3-Dichlorobenzene	ND	F1	2400	1310	F1	ug/Kg		55	63 - 134
1,4-Dichlorobenzene	ND	F1	2400	1390	F1	ug/Kg		58	60 - 134
2-Butanone (MEK)	ND		12000	7390		ug/Kg		61	54 - 149
2-Hexanone	ND	F2 F1	12000	6610	F1	ug/Kg		55	70 - 127
4-Methyl-2-pentanone (MIBK)	ND	F1	12000	14400		ug/Kg		120	74 - 120
Acetone	ND		12000	9920		ug/Kg		83	47 - 141
Benzene	19000		2400	22600	4	ug/Kg		153	77 - 125
Bromodichloromethane	ND	F1	2400	3850	F1	ug/Kg		160	71 - 121
Bromoform	ND		2400	1850		ug/Kg		77	48 - 125
Bromomethane	ND		2400	2370		ug/Kg		98	39 - 149
Carbon disulfide	ND	F1	2400	949	J F1	ug/Kg		39	40 - 136
Carbon tetrachloride	ND		2400	1440		ug/Kg		60	54 - 135
Chlorobenzene	ND		2400	1870		ug/Kg		78	76 - 126
Chloroethane	ND		2400	2460		ug/Kg		102	23 - 164
Chloroform	ND		2400	1950		ug/Kg		81	78 - 118
Chloromethane	ND		2400	2000		ug/Kg		83	61 - 124
cis-1,2-Dichloroethene	ND		2400	1930		ug/Kg		80	79 - 124
cis-1,3-Dichloropropene	ND		2400	1840		ug/Kg		77	75 - 121

TestAmerica Buffalo

QC Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

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

Lab Sample ID: 480-104121-11 MS

Matrix: Waste

Analysis Batch: 315631

Client Sample ID: 1K Oil-Antifreeze

Prep Type: Total/NA

Prep Batch: 314993

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyclohexane	27000		2400	39500	4	ug/Kg		501	49 - 129
Dibromochloromethane	ND	*	2400	1750		ug/Kg		73	64 - 118
Dichlorodifluoromethane	ND		2400	1380		ug/Kg		57	10 - 150
Ethylbenzene	73000		2400	88500	4	ug/Kg		660	78 - 124
Isopropylbenzene	26000		2400	35000	4	ug/Kg		381	76 - 119
Methyl acetate	ND	F1	12000	47400	F1	ug/Kg		394	71 - 123
Methyl tert-butyl ether	5300		2400	8120		ug/Kg		116	67 - 137
Methylcyclohexane	73000		2400	107000	E 4	ug/Kg		1430	50 - 130
Methylene Chloride	ND	F1 *	2400	3220	F1	ug/Kg		134	75 - 118
Styrene	ND	F1	2400	6630	F1	ug/Kg		276	84 - 119
Tetrachloroethene	640	J F1	2400	1980	F1	ug/Kg		56	73 - 133
Toluene	120000	E	2400	143000	E 4	ug/Kg		847	75 - 124
trans-1,2-Dichloroethene	ND	F1	2400	1790		ug/Kg		75	74 - 129
trans-1,3-Dichloropropene	ND	F1	2400	1590	F1	ug/Kg		66	73 - 118
Trichloroethene	ND	F1	2400	1850		ug/Kg		77	75 - 131
Trichlorofluoromethane	ND		2400	1820		ug/Kg		76	29 - 158
Vinyl chloride	ND		2400	2100		ug/Kg		87	59 - 124
Xylenes, Total	390000		4810	480000	4	ug/Kg		1872	78 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		53 - 146
Toluene-d8 (Surr)	82		50 - 149
4-Bromofluorobenzene (Surr)	101		49 - 148
Dibromofluoromethane (Surr)	102		60 - 140

Lab Sample ID: 480-104121-11 MS

Matrix: Waste

Analysis Batch: 315815

Client Sample ID: 1K Oil-Antifreeze

Prep Type: Total/NA

Prep Batch: 314993

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		2400	1870	J	ug/Kg		78	64 - 116
1,1,2,2-Tetrachloroethane	ND	F1	2400	ND	F1	ug/Kg		0	75 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F1	2400	2480	J	ug/Kg		103	40 - 120
1,1,2-Trichloroethane	ND	F1 F2	2400	6340	F1	ug/Kg		264	70 - 130
1,1-Dichloroethane	ND	F1	2400	2210	J	ug/Kg		92	82 - 138
1,1-Dichloroethene	ND		2400	2120	J	ug/Kg		88	50 - 147
1,2,4-Trichlorobenzene	ND	F1	2400	ND	F1	ug/Kg		0	40 - 160
1,2-Dibromo-3-Chloropropane	ND	F1	2400	ND	F1	ug/Kg		0	60 - 110
1,2-Dibromoethane	ND	F1	2400	1690	J F1	ug/Kg		70	81 - 119
1,2-Dichlorobenzene	ND	F1	2400	ND	F1	ug/Kg		0	80 - 132
1,2-Dichloroethane	ND		2400	2550	J	ug/Kg		106	78 - 129
1,2-Dichloropropane	ND	F1 *	2400	1730	J F1	ug/Kg		72	76 - 125
1,3-Dichlorobenzene	ND		2400	1600	J	ug/Kg		66	63 - 134
1,4-Dichlorobenzene	ND	F2	2400	1510	J	ug/Kg		63	60 - 134
2-Butanone (MEK)	ND		12000	ND		ug/Kg		NC	54 - 149
2-Hexanone	ND	F1	12000	55300	F1	ug/Kg		460	70 - 127
4-Methyl-2-pentanone (MIBK)	ND	F1	12000	14700	J F1	ug/Kg		122	74 - 120

TestAmerica Buffalo

QC Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

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

Lab Sample ID: 480-104121-11 MS

Matrix: Waste

Analysis Batch: 315815

Client Sample ID: 1K Oil-Antifreeze

Prep Type: Total/NA

Prep Batch: 314993

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	ND		12000	ND		ug/Kg		NC	47 - 141
Benzene	20000		2400	28100	4	ug/Kg		331	77 - 125
Bromodichloromethane	ND	F1	2400	4770	J F1	ug/Kg		198	71 - 121
Bromoform	ND	F1	2400	ND	F1	ug/Kg		0	48 - 125
Bromomethane	ND		2400	1980	J	ug/Kg		82	39 - 149
Carbon disulfide	ND	F1	2400	ND	F1	ug/Kg		0	40 - 136
Carbon tetrachloride	ND	F2	2400	2350	J	ug/Kg		98	54 - 135
Chlorobenzene	ND		2400	1950	J	ug/Kg		81	76 - 126
Chloroethane	ND		2400	1390	J	ug/Kg		58	23 - 164
Chloroform	ND		2400	ND		ug/Kg		NC	78 - 118
Chloromethane	ND		2400	2100	J	ug/Kg		87	61 - 124
cis-1,2-Dichloroethene	ND		2400	2180	J	ug/Kg		91	79 - 124
cis-1,3-Dichloropropene	ND	F1	2400	1750	J F1	ug/Kg		73	75 - 121
Cyclohexane	39000		2400	71100	4	ug/Kg		1350	49 - 129
Dibromochloromethane	ND	F1 *	2400	ND	F1	ug/Kg		0	64 - 118
Dichlorodifluoromethane	ND	F1	2400	ND	F1	ug/Kg		0	10 - 150
Ethylbenzene	100000		2400	152000	4	ug/Kg		2153	78 - 124
Isopropylbenzene	37000		2400	59900	4	ug/Kg		950	76 - 119
Methyl acetate	ND	F1 F2	12000	13200		ug/Kg		110	71 - 123
Methyl tert-butyl ether	5200	F1	2400	9330	F1	ug/Kg		172	67 - 137
Methylcyclohexane	96000		2400	191000	4	ug/Kg		3970	50 - 130
Methylene Chloride	ND	F1 *	2400	ND	F1	ug/Kg		0	75 - 118
Styrene	ND	F1	2400	ND	F1	ug/Kg		0	84 - 119
Tetrachloroethene	ND		2400	2390	J	ug/Kg		100	73 - 133
Toluene	160000		2400	213000	4	ug/Kg		2354	75 - 124
trans-1,2-Dichloroethene	ND		2400	2020	J	ug/Kg		84	74 - 129
trans-1,3-Dichloropropene	ND	F1	2400	1670	J F1	ug/Kg		69	73 - 118
Trichloroethene	ND		2400	1910	J	ug/Kg		79	75 - 131
Trichlorofluoromethane	ND	F1	2400	ND	F1	ug/Kg		0	29 - 158
Vinyl chloride	ND		2400	2130	J	ug/Kg		88	59 - 124
Xylenes, Total	530000		4810	818000	4	ug/Kg		5990	78 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	108		53 - 146
Toluene-d8 (Surr)	101		50 - 149
4-Bromofluorobenzene (Surr)	105		49 - 148
Dibromofluoromethane (Surr)	104		60 - 140

Lab Sample ID: 480-104121-11 MSD

Matrix: Waste

Analysis Batch: 315631

Client Sample ID: 1K Oil-Antifreeze

Prep Type: Total/NA

Prep Batch: 314993

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		2400	1690		ug/Kg		70	64 - 116	10	20
1,1,2,2-Tetrachloroethane	ND	F1	2400	14900	F1	ug/Kg		620	75 - 120	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2400	2230		ug/Kg		93	40 - 120	13	20
1,1,2-Trichloroethane	ND		2400	2120		ug/Kg		88	70 - 130	7	20

TestAmerica Buffalo

QC Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

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

Lab Sample ID: 480-104121-11 MSD

Matrix: Waste

Analysis Batch: 315631

Client Sample ID: 1K Oil-Antifreeze

Prep Type: Total/NA

Prep Batch: 314993

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	ND	F1	2400	1820	F1	ug/Kg		76	82 - 138	6	20
1,1-Dichloroethene	ND		2400	2080		ug/Kg		87	50 - 147	3	20
1,2,4-Trichlorobenzene	ND		2400	1270		ug/Kg		53	40 - 160	18	20
1,2-Dibromo-3-Chloropropane	ND	F1	2400	5240	F1	ug/Kg		218	60 - 110	17	20
1,2-Dibromoethane	ND	F1	2400	1460	F1	ug/Kg		61	81 - 119	6	20
1,2-Dichlorobenzene	ND	F1	2400	1500	F1	ug/Kg		62	80 - 132	1	20
1,2-Dichloroethane	ND		2400	2070		ug/Kg		86	78 - 129	2	20
1,2-Dichloropropane	ND	F1 *	2400	2010		ug/Kg		83	76 - 125	15	20
1,3-Dichlorobenzene	ND	F1	2400	1340	F1	ug/Kg		56	63 - 134	2	20
1,4-Dichlorobenzene	ND	F1	2400	1360	F1	ug/Kg		57	60 - 134	2	20
2-Butanone (MEK)	ND		12000	8170		ug/Kg		68	54 - 149	10	20
2-Hexanone	ND	F2 F1	12000	3180	J F1 F2	ug/Kg		26	70 - 127	70	20
4-Methyl-2-pentanone (MIBK)	ND	F1	12000	14500	F1	ug/Kg		121	74 - 120	1	20
Acetone	ND		12000	9230		ug/Kg		77	47 - 141	7	20
Benzene	19000		2400	23700	4	ug/Kg		199	77 - 125	5	20
Bromodichloromethane	ND	F1	2400	3760	F1	ug/Kg		156	71 - 121	2	20
Bromoform	ND		2400	1920		ug/Kg		80	48 - 125	4	20
Bromomethane	ND		2400	2330		ug/Kg		97	39 - 149	2	20
Carbon disulfide	ND	F1	2400	1090		ug/Kg		46	40 - 136	14	20
Carbon tetrachloride	ND		2400	1650		ug/Kg		69	54 - 135	14	20
Chlorobenzene	ND		2400	2070		ug/Kg		86	76 - 126	10	20
Chloroethane	ND		2400	2060		ug/Kg		86	23 - 164	18	20
Chloroform	ND		2400	2030		ug/Kg		85	78 - 118	4	20
Chloromethane	ND		2400	1970		ug/Kg		82	61 - 124	2	20
cis-1,2-Dichloroethene	ND		2400	2210		ug/Kg		92	79 - 124	13	20
cis-1,3-Dichloropropene	ND		2400	1980		ug/Kg		82	75 - 121	7	20
Cyclohexane	27000		2400	39400	4	ug/Kg		497	49 - 129	0	20
Dibromochloromethane	ND	*	2400	1650		ug/Kg		69	64 - 118	5	20
Dichlorodifluoromethane	ND		2400	1380		ug/Kg		57	10 - 150	0	20
Ethylbenzene	73000		2400	89600	4	ug/Kg		704	78 - 124	1	20
Isopropylbenzene	26000		2400	35800	4	ug/Kg		415	76 - 119	2	20
Methyl acetate	ND	F1	12000	45300	F1	ug/Kg		377	71 - 123	4	20
Methyl tert-butyl ether	5300		2400	8340		ug/Kg		125	67 - 137	3	20
Methylcyclohexane	73000		2400	108000	E 4	ug/Kg		1466	50 - 130	1	20
Methylene Chloride	ND	F1 *	2400	3030	F1	ug/Kg		126	75 - 118	6	20
Styrene	ND	F1	2400	6740	F1	ug/Kg		280	84 - 119	2	20
Tetrachloroethene	640	J F1	2400	2150	F1	ug/Kg		63	73 - 133	8	20
Toluene	120000	E	2400	145000	E 4	ug/Kg		925	75 - 124	1	20
trans-1,2-Dichloroethene	ND	F1	2400	1730	F1	ug/Kg		72	74 - 129	4	20
trans-1,3-Dichloropropene	ND	F1	2400	1600	F1	ug/Kg		67	73 - 118	1	20
Trichloroethene	ND	F1	2400	1680	F1	ug/Kg		70	75 - 131	10	20
Trichlorofluoromethane	ND		2400	1830		ug/Kg		76	29 - 158	0	20
Vinyl chloride	ND		2400	1840		ug/Kg		76	59 - 124	13	20
Xylenes, Total	390000		4810	484000	4	ug/Kg		1955	78 - 125	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		53 - 146
Toluene-d8 (Surr)	81		50 - 149

TestAmerica Buffalo

QC Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

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

Lab Sample ID: 480-104121-11 MSD

Matrix: Waste

Analysis Batch: 315631

Client Sample ID: 1K Oil-Antifreeze

Prep Type: Total/NA

Prep Batch: 314993

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		49 - 148
Dibromofluoromethane (Surr)	104		60 - 140

Lab Sample ID: 480-104121-11 MSD

Matrix: Waste

Analysis Batch: 315815

Client Sample ID: 1K Oil-Antifreeze

Prep Type: Total/NA

Prep Batch: 314993

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		2400	1710	J	ug/Kg		71	64 - 116	9	20
1,1,2,2-Tetrachloroethane	ND	F1	2400	ND	F1	ug/Kg		0	75 - 120	NC	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F1	2400	ND	F1	ug/Kg		0	40 - 120	NC	20
1,1,2-Trichloroethane	ND	F1 F2	2400	7830	F1 F2	ug/Kg		326	70 - 130	21	20
1,1-Dichloroethane	ND	F1	2400	1930	J F1	ug/Kg		80	82 - 138	14	20
1,1-Dichloroethene	ND		2400	1850	J	ug/Kg		77	50 - 147	14	20
1,2,4-Trichlorobenzene	ND	F1	2400	ND	F1	ug/Kg		0	40 - 160	NC	20
1,2-Dibromo-3-Chloropropane	ND	F1	2400	ND	F1	ug/Kg		0	60 - 110	NC	20
1,2-Dibromoethane	ND	F1	2400	1710	J F1	ug/Kg		71	81 - 119	1	20
1,2-Dichlorobenzene	ND	F1	2400	ND	F1	ug/Kg		0	80 - 132	NC	20
1,2-Dichloroethane	ND		2400	2900	J	ug/Kg		121	78 - 129	13	20
1,2-Dichloropropane	ND	F1 *	2400	1720	J F1	ug/Kg		72	76 - 125	0	20
1,3-Dichlorobenzene	ND		2400	1710	J	ug/Kg		71	63 - 134	7	20
1,4-Dichlorobenzene	ND	F2	2400	1910	J F2	ug/Kg		79	60 - 134	23	20
2-Butanone (MEK)	ND		12000	ND		ug/Kg		NC	54 - 149	NC	20
2-Hexanone	ND	F1	12000	57700	F1	ug/Kg		480	70 - 127	4	20
4-Methyl-2-pentanone (MIBK)	ND	F1	12000	13300	J	ug/Kg		111	74 - 120	10	20
Acetone	ND		12000	ND		ug/Kg		NC	47 - 141	NC	20
Benzene	20000		2400	26600	4	ug/Kg		269	77 - 125	5	20
Bromodichloromethane	ND	F1	2400	4760	J F1	ug/Kg		198	71 - 121	0	20
Bromoform	ND	F1	2400	ND	F1	ug/Kg		0	48 - 125	NC	20
Bromomethane	ND		2400	1680	J	ug/Kg		70	39 - 149	16	20
Carbon disulfide	ND	F1	2400	ND	F1	ug/Kg		0	40 - 136	NC	20
Carbon tetrachloride	ND	F2	2400	1800	J F2	ug/Kg		75	54 - 135	27	20
Chlorobenzene	ND		2400	1980	J	ug/Kg		82	76 - 126	1	20
Chloroethane	ND		2400	1620	J	ug/Kg		67	23 - 164	15	20
Chloroform	ND		2400	ND		ug/Kg		NC	78 - 118	NC	20
Chloromethane	ND		2400	1930	J	ug/Kg		80	61 - 124	9	20
cis-1,2-Dichloroethene	ND		2400	2090	J	ug/Kg		87	79 - 124	4	20
cis-1,3-Dichloropropene	ND	F1	2400	1950	J	ug/Kg		81	75 - 121	11	20
Cyclohexane	39000		2400	68700	4	ug/Kg		1252	49 - 129	3	20
Dibromochloromethane	ND	F1 *	2400	2790	J	ug/Kg		116	64 - 118	NC	20
Dichlorodifluoromethane	ND	F1	2400	ND	F1	ug/Kg		0	10 - 150	NC	20
Ethylbenzene	100000		2400	146000	4	ug/Kg		1915	78 - 124	4	20
Isopropylbenzene	37000		2400	59100	4	ug/Kg		916	76 - 119	1	20
Methyl acetate	ND	F1 F2	12000	19400	F1 F2	ug/Kg		161	71 - 123	38	20
Methyl tert-butyl ether	5200	F1	2400	8960	F1	ug/Kg		157	67 - 137	4	20
Methylcyclohexane	96000		2400	176000	4	ug/Kg		3338	50 - 130	8	20
Methylene Chloride	ND	F1 *	2400	ND	F1	ug/Kg		0	75 - 118	NC	20

TestAmerica Buffalo

QC Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

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

Lab Sample ID: 480-104121-11 MSD

Matrix: Waste

Analysis Batch: 315815

Client Sample ID: 1K Oil-Antifreeze

Prep Type: Total/NA

Prep Batch: 314993

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Styrene	ND	F1	2400	ND	F1	ug/Kg		0	84 - 119	NC	20
Tetrachloroethene	ND		2400	2670	J	ug/Kg		111	73 - 133	11	20
Toluene	160000		2400	209000	4	ug/Kg		2199	75 - 124	2	20
trans-1,2-Dichloroethene	ND		2400	1920	J	ug/Kg		80	74 - 129	5	20
trans-1,3-Dichloropropene	ND	F1	2400	1950	J	ug/Kg		81	73 - 118	16	20
Trichloroethene	ND		2400	2290	J	ug/Kg		95	75 - 131	18	20
Trichlorofluoromethane	ND	F1	2400	ND	F1	ug/Kg		0	29 - 158	NC	20
Vinyl chloride	ND		2400	1880	J	ug/Kg		78	59 - 124	12	20
Xylenes, Total	530000		4810	784000	4	ug/Kg		5283	78 - 125	4	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		53 - 146
Toluene-d8 (Surr)	101		50 - 149
4-Bromofluorobenzene (Surr)	104		49 - 148
Dibromofluoromethane (Surr)	100		60 - 140

Lab Sample ID: MB 480-315182/7

Matrix: Water

Analysis Batch: 315182

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/09/16 22:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/09/16 22:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/09/16 22:59	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/09/16 22:59	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/09/16 22:59	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/09/16 22:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/09/16 22:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/09/16 22:59	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/09/16 22:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/09/16 22:59	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/09/16 22:59	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/09/16 22:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/09/16 22:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/09/16 22:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/09/16 22:59	1
2-Hexanone	ND		5.0	1.2	ug/L			08/09/16 22:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/09/16 22:59	1
Acetone	ND		10	3.0	ug/L			08/09/16 22:59	1
Benzene	ND		1.0	0.41	ug/L			08/09/16 22:59	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/09/16 22:59	1
Bromoform	ND		1.0	0.26	ug/L			08/09/16 22:59	1
Bromomethane	ND		1.0	0.69	ug/L			08/09/16 22:59	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/09/16 22:59	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/09/16 22:59	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/09/16 22:59	1
Chloroethane	ND		1.0	0.32	ug/L			08/09/16 22:59	1
Chloroform	ND		1.0	0.34	ug/L			08/09/16 22:59	1

TestAmerica Buffalo

QC Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

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

Lab Sample ID: MB 480-315182/7

Matrix: Water

Analysis Batch: 315182

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.35	ug/L			08/09/16 22:59	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/09/16 22:59	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/09/16 22:59	1
Cyclohexane	ND		1.0	0.18	ug/L			08/09/16 22:59	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/09/16 22:59	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/09/16 22:59	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/09/16 22:59	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/09/16 22:59	1
Methyl acetate	ND		2.5	1.3	ug/L			08/09/16 22:59	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/09/16 22:59	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/09/16 22:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/09/16 22:59	1
Styrene	ND		1.0	0.73	ug/L			08/09/16 22:59	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/09/16 22:59	1
Toluene	ND		1.0	0.51	ug/L			08/09/16 22:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/09/16 22:59	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/09/16 22:59	1
Trichloroethene	ND		1.0	0.46	ug/L			08/09/16 22:59	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/09/16 22:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/09/16 22:59	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/09/16 22:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		08/09/16 22:59	1
Toluene-d8 (Surr)	91		80 - 120		08/09/16 22:59	1
4-Bromofluorobenzene (Surr)	108		73 - 120		08/09/16 22:59	1
Dibromofluoromethane (Surr)	106		75 - 123		08/09/16 22:59	1

Lab Sample ID: LCS 480-315182/5

Matrix: Water

Analysis Batch: 315182

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	26.1		ug/L		105	73 - 126
1,1,1,2-Tetrachloroethane	25.0	22.0		ug/L		88	76 - 120
1,1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.6		ug/L		102	61 - 148
1,1,2-Trichloroethane	25.0	25.4		ug/L		102	76 - 122
1,1-Dichloroethane	25.0	25.8		ug/L		103	77 - 120
1,1-Dichloroethene	25.0	23.4		ug/L		94	66 - 127
1,2,4-Trichlorobenzene	25.0	23.9		ug/L		96	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	24.9		ug/L		99	56 - 134
1,2-Dibromoethane	25.0	24.0		ug/L		96	77 - 120
1,2-Dichlorobenzene	25.0	22.0		ug/L		88	80 - 124
1,2-Dichloroethane	25.0	24.6		ug/L		98	75 - 120
1,2-Dichloropropane	25.0	25.6		ug/L		103	76 - 120
1,3-Dichlorobenzene	25.0	22.2		ug/L		89	77 - 120
1,4-Dichlorobenzene	25.0	22.4		ug/L		90	80 - 120

TestAmerica Buffalo

QC Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

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

Lab Sample ID: LCS 480-315182/5

Matrix: Water

Analysis Batch: 315182

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Butanone (MEK)	125	134		ug/L		108	57 - 140
2-Hexanone	125	124		ug/L		99	65 - 127
4-Methyl-2-pentanone (MIBK)	125	118		ug/L		95	71 - 125
Acetone	125	167		ug/L		134	56 - 142
Benzene	25.0	23.6		ug/L		95	71 - 124
Bromodichloromethane	25.0	27.1		ug/L		108	80 - 122
Bromoform	25.0	31.1		ug/L		125	61 - 132
Bromomethane	25.0	23.4		ug/L		94	55 - 144
Carbon disulfide	25.0	24.5		ug/L		98	59 - 134
Carbon tetrachloride	25.0	28.2		ug/L		113	72 - 134
Chlorobenzene	25.0	26.1		ug/L		104	80 - 120
Chloroethane	25.0	22.3		ug/L		89	69 - 136
Chloroform	25.0	25.1		ug/L		100	73 - 127
Chloromethane	25.0	21.1		ug/L		85	68 - 124
cis-1,2-Dichloroethene	25.0	24.6		ug/L		98	74 - 124
cis-1,3-Dichloropropene	25.0	26.1		ug/L		104	74 - 124
Cyclohexane	25.0	25.2		ug/L		101	59 - 135
Dibromochloromethane	25.0	27.8		ug/L		111	75 - 125
Dichlorodifluoromethane	25.0	21.7		ug/L		87	59 - 135
Ethylbenzene	25.0	25.9		ug/L		104	77 - 123
Isopropylbenzene	25.0	21.6		ug/L		87	77 - 122
Methyl acetate	125	122		ug/L		98	74 - 133
Methyl tert-butyl ether	25.0	25.4		ug/L		102	77 - 120
Methylcyclohexane	25.0	26.1		ug/L		104	68 - 134
Methylene Chloride	25.0	25.8		ug/L		103	75 - 124
Styrene	25.0	25.6		ug/L		102	80 - 120
Tetrachloroethene	25.0	23.9		ug/L		96	74 - 122
Toluene	25.0	25.3		ug/L		101	80 - 122
trans-1,2-Dichloroethene	25.0	23.6		ug/L		94	73 - 127
trans-1,3-Dichloropropene	25.0	26.0		ug/L		104	80 - 120
Trichloroethene	25.0	26.0		ug/L		104	74 - 123
Trichlorofluoromethane	25.0	24.3		ug/L		97	62 - 150
Vinyl chloride	25.0	22.6		ug/L		90	65 - 133
Xylenes, Total	50.0	48.4		ug/L		97	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		77 - 120
Toluene-d8 (Surr)	94		80 - 120
4-Bromofluorobenzene (Surr)	109		73 - 120
Dibromofluoromethane (Surr)	110		75 - 123

Lab Sample ID: MB 480-315815/10

Matrix: Waste

Analysis Batch: 315815

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.28	ug/Kg			08/12/16 21:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.16	ug/Kg			08/12/16 21:27	1

TestAmerica Buffalo

QC Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

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

Lab Sample ID: MB 480-315815/10

Matrix: Waste

Analysis Batch: 315815

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.50	ug/Kg			08/12/16 21:27	1
1,1,2-Trichloroethane	ND		1.0	0.21	ug/Kg			08/12/16 21:27	1
1,1-Dichloroethane	ND		1.0	0.31	ug/Kg			08/12/16 21:27	1
1,1-Dichloroethene	ND		1.0	0.35	ug/Kg			08/12/16 21:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/Kg			08/12/16 21:27	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.50	ug/Kg			08/12/16 21:27	1
1,2-Dibromoethane	ND		1.0	0.18	ug/Kg			08/12/16 21:27	1
1,2-Dichlorobenzene	ND		1.0	0.26	ug/Kg			08/12/16 21:27	1
1,2-Dichloroethane	ND		1.0	0.41	ug/Kg			08/12/16 21:27	1
1,2-Dichloropropane	ND		1.0	0.16	ug/Kg			08/12/16 21:27	1
1,3-Dichlorobenzene	ND		1.0	0.27	ug/Kg			08/12/16 21:27	1
1,4-Dichlorobenzene	ND		1.0	0.14	ug/Kg			08/12/16 21:27	1
2-Butanone (MEK)	ND		5.0	3.0	ug/Kg			08/12/16 21:27	1
2-Hexanone	ND		5.0	2.1	ug/Kg			08/12/16 21:27	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.32	ug/Kg			08/12/16 21:27	1
Acetone	ND		5.0	4.1	ug/Kg			08/12/16 21:27	1
Benzene	ND		1.0	0.19	ug/Kg			08/12/16 21:27	1
Bromodichloromethane	ND		1.0	0.20	ug/Kg			08/12/16 21:27	1
Bromoform	ND		1.0	0.50	ug/Kg			08/12/16 21:27	1
Bromomethane	ND		1.0	0.22	ug/Kg			08/12/16 21:27	1
Carbon disulfide	ND		1.0	0.46	ug/Kg			08/12/16 21:27	1
Carbon tetrachloride	ND		1.0	0.26	ug/Kg			08/12/16 21:27	1
Chlorobenzene	ND		1.0	0.13	ug/Kg			08/12/16 21:27	1
Chloroethane	ND		1.0	0.21	ug/Kg			08/12/16 21:27	1
Chloroform	ND		1.0	0.69	ug/Kg			08/12/16 21:27	1
Chloromethane	ND		1.0	0.24	ug/Kg			08/12/16 21:27	1
cis-1,2-Dichloroethene	ND		1.0	0.28	ug/Kg			08/12/16 21:27	1
cis-1,3-Dichloropropene	ND		1.0	0.24	ug/Kg			08/12/16 21:27	1
Cyclohexane	ND		1.0	0.22	ug/Kg			08/12/16 21:27	1
Dibromochloromethane	ND		1.0	0.48	ug/Kg			08/12/16 21:27	1
Dichlorodifluoromethane	ND		1.0	0.44	ug/Kg			08/12/16 21:27	1
Ethylbenzene	ND		1.0	0.29	ug/Kg			08/12/16 21:27	1
Isopropylbenzene	ND		1.0	0.15	ug/Kg			08/12/16 21:27	1
Methyl acetate	ND		1.0	0.48	ug/Kg			08/12/16 21:27	1
Methyl tert-butyl ether	ND		1.0	0.38	ug/Kg			08/12/16 21:27	1
Methylcyclohexane	ND		1.0	0.47	ug/Kg			08/12/16 21:27	1
Methylene Chloride	ND		1.0	0.20	ug/Kg			08/12/16 21:27	1
Styrene	ND		1.0	0.24	ug/Kg			08/12/16 21:27	1
Tetrachloroethene	ND		1.0	0.13	ug/Kg			08/12/16 21:27	1
Toluene	ND		1.0	0.27	ug/Kg			08/12/16 21:27	1
trans-1,2-Dichloroethene	ND		1.0	0.24	ug/Kg			08/12/16 21:27	1
trans-1,3-Dichloropropene	ND		1.0	0.098	ug/Kg			08/12/16 21:27	1
Trichloroethene	ND		1.0	0.28	ug/Kg			08/12/16 21:27	1
Trichlorofluoromethane	ND		1.0	0.47	ug/Kg			08/12/16 21:27	1
Vinyl chloride	ND		1.0	0.34	ug/Kg			08/12/16 21:27	1
Xylenes, Total	ND		2.0	0.55	ug/Kg			08/12/16 21:27	1

TestAmerica Buffalo

QC Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

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

Lab Sample ID: MB 480-315815/10

Matrix: Waste

Analysis Batch: 315815

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		53 - 146		08/12/16 21:27	1
Toluene-d8 (Surr)	98		50 - 149		08/12/16 21:27	1
4-Bromofluorobenzene (Surr)	104		49 - 148		08/12/16 21:27	1
Dibromofluoromethane (Surr)	102		60 - 140		08/12/16 21:27	1

Lab Sample ID: LCS 480-315815/8

Matrix: Waste

Analysis Batch: 315815

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	26.1		ug/Kg		104	68 - 130
1,1,2,2-Tetrachloroethane	25.0	23.1		ug/Kg		92	73 - 119
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.5		ug/Kg		114	10 - 179
1,1,2-Trichloroethane	25.0	24.6		ug/Kg		98	81 - 115
1,1-Dichloroethane	25.0	24.2		ug/Kg		97	78 - 121
1,1-Dichloroethene	25.0	27.3		ug/Kg		109	48 - 133
1,2,4-Trichlorobenzene	25.0	24.3		ug/Kg		97	70 - 140
1,2-Dibromo-3-Chloropropane	25.0	21.9		ug/Kg		88	56 - 122
1,2-Dibromoethane	25.0	24.1		ug/Kg		96	81 - 119
1,2-Dichlorobenzene	25.0	24.2		ug/Kg		97	78 - 125
1,2-Dichloroethane	25.0	23.4		ug/Kg		93	74 - 127
1,2-Dichloropropane	25.0	24.9		ug/Kg		100	81 - 115
1,3-Dichlorobenzene	25.0	24.4		ug/Kg		98	82 - 114
1,4-Dichlorobenzene	25.0	24.9		ug/Kg		100	81 - 113
2-Butanone (MEK)	125	107		ug/Kg		85	54 - 149
2-Hexanone	125	107		ug/Kg		85	59 - 127
4-Methyl-2-pentanone (MIBK)	125	110		ug/Kg		88	74 - 120
Acetone	125	111		ug/Kg		89	47 - 141
Benzene	25.0	24.3		ug/Kg		97	77 - 125
Bromodichloromethane	25.0	25.2		ug/Kg		101	71 - 121
Bromoform	25.0	22.0		ug/Kg		88	48 - 125
Bromomethane	25.0	23.2		ug/Kg		93	39 - 149
Carbon disulfide	25.0	26.2		ug/Kg		105	40 - 136
Carbon tetrachloride	25.0	27.4		ug/Kg		109	54 - 135
Chlorobenzene	25.0	24.7		ug/Kg		99	76 - 126
Chloroethane	25.0	24.6		ug/Kg		99	23 - 164
Chloroform	25.0	24.2		ug/Kg		97	78 - 118
Chloromethane	25.0	24.1		ug/Kg		97	61 - 124
cis-1,2-Dichloroethene	25.0	24.2		ug/Kg		97	79 - 124
cis-1,3-Dichloropropene	25.0	26.7		ug/Kg		107	75 - 121
Cyclohexane	25.0	27.4		ug/Kg		110	49 - 129
Dibromochloromethane	25.0	25.2		ug/Kg		101	64 - 118
Dichlorodifluoromethane	25.0	27.4		ug/Kg		110	10 - 150
Ethylbenzene	25.0	24.8		ug/Kg		99	78 - 124
Isopropylbenzene	25.0	26.1		ug/Kg		105	76 - 119
Methyl acetate	125	110		ug/Kg		88	71 - 123
Methyl tert-butyl ether	25.0	22.4		ug/Kg		90	67 - 137

TestAmerica Buffalo

QC Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

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

Lab Sample ID: LCS 480-315815/8

Matrix: Waste

Analysis Batch: 315815

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylcyclohexane	25.0	27.9		ug/Kg		112	50 - 130
Methylene Chloride	25.0	24.4		ug/Kg		98	75 - 118
Styrene	25.0	25.0		ug/Kg		100	84 - 119
Tetrachloroethene	25.0	26.9		ug/Kg		107	73 - 133
Toluene	25.0	24.9		ug/Kg		100	75 - 124
trans-1,2-Dichloroethene	25.0	24.6		ug/Kg		99	74 - 129
trans-1,3-Dichloropropene	25.0	24.7		ug/Kg		99	73 - 118
Trichloroethene	25.0	26.5		ug/Kg		106	75 - 131
Trichlorofluoromethane	25.0	29.1		ug/Kg		116	29 - 158
Vinyl chloride	25.0	26.7		ug/Kg		107	59 - 124
Xylenes, Total	50.0	49.7		ug/Kg		99	78 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		53 - 146
Toluene-d8 (Surr)	98		50 - 149
4-Bromofluorobenzene (Surr)	99		49 - 148
Dibromofluoromethane (Surr)	100		60 - 140

Lab Sample ID: MB 480-315823/1-A

Matrix: Waste

Analysis Batch: 315815

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 315823

Analyte	MB Result	MB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		97	27	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
1,1,1,2-Tetrachloroethane	ND		97	16	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
1,1,1,2-Trichloro-1,2,2-trifluoroethane	ND		97	49	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
1,1,2-Trichloroethane	ND		97	20	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
1,1-Dichloroethane	ND		97	30	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
1,1-Dichloroethene	ND		97	34	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
1,2,4-Trichlorobenzene	ND		97	37	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
1,2-Dibromo-3-Chloropropane	ND		97	49	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
1,2-Dibromoethane	ND		97	17	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
1,2-Dichlorobenzene	ND		97	25	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
1,2-Dichloroethane	ND		97	40	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
1,2-Dichloropropane	ND		97	16	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
1,3-Dichlorobenzene	ND		97	26	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
1,4-Dichlorobenzene	ND		97	14	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
2-Butanone (MEK)	ND		490	290	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
2-Hexanone	ND		490	200	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
4-Methyl-2-pentanone (MIBK)	ND		490	31	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
Acetone	ND		490	400	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
Benzene	ND		97	19	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
Bromodichloromethane	ND		97	19	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
Bromoform	ND		97	49	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
Bromomethane	ND		97	21	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
Carbon disulfide	ND		97	44	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
Carbon tetrachloride	ND		97	25	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
Chlorobenzene	ND		97	13	ug/Kg		08/12/16 18:05	08/12/16 21:00	1

TestAmerica Buffalo

QC Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

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

Lab Sample ID: MB 480-315823/1-A

Matrix: Waste

Analysis Batch: 315815

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 315823

Analyte	MB Result	MB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		97	20	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
Chloroform	ND		97	67	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
Chloromethane	ND		97	23	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
cis-1,2-Dichloroethene	ND		97	27	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
cis-1,3-Dichloropropene	ND		97	23	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
Cyclohexane	ND		97	22	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
Dibromochloromethane	ND		97	47	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
Dichlorodifluoromethane	ND		97	42	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
Ethylbenzene	ND		97	28	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
Isopropylbenzene	ND		97	15	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
Methyl acetate	ND		97	46	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
Methyl tert-butyl ether	ND		97	37	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
Methylcyclohexane	ND		97	46	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
Methylene Chloride	ND		97	19	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
Styrene	ND		97	23	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
Tetrachloroethene	ND		97	13	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
Toluene	ND		97	26	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
trans-1,2-Dichloroethene	ND		97	23	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
trans-1,3-Dichloropropene	ND		97	9.6	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
Trichloroethene	ND		97	27	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
Trichlorofluoromethane	ND		97	46	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
Vinyl chloride	ND		97	33	ug/Kg		08/12/16 18:05	08/12/16 21:00	1
Xylenes, Total	ND		190	54	ug/Kg		08/12/16 18:05	08/12/16 21:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		53 - 146	08/12/16 18:05	08/12/16 21:00	1
Toluene-d8 (Surr)	99		50 - 149	08/12/16 18:05	08/12/16 21:00	1
4-Bromofluorobenzene (Surr)	102		49 - 148	08/12/16 18:05	08/12/16 21:00	1
Dibromofluoromethane (Surr)	97		60 - 140	08/12/16 18:05	08/12/16 21:00	1

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

Lab Sample ID: MB 480-314572/1-A

Matrix: Solid

Analysis Batch: 314736

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 314572

Analyte	MB Result	MB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23	0.045	mg/Kg		08/05/16 07:06	08/05/16 20:36	1
PCB-1221	ND		0.23	0.045	mg/Kg		08/05/16 07:06	08/05/16 20:36	1
PCB-1232	ND		0.23	0.045	mg/Kg		08/05/16 07:06	08/05/16 20:36	1
PCB-1242	ND		0.23	0.045	mg/Kg		08/05/16 07:06	08/05/16 20:36	1
PCB-1248	ND		0.23	0.045	mg/Kg		08/05/16 07:06	08/05/16 20:36	1
PCB-1254	ND		0.23	0.11	mg/Kg		08/05/16 07:06	08/05/16 20:36	1
PCB-1260	ND		0.23	0.11	mg/Kg		08/05/16 07:06	08/05/16 20:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	119		60 - 154	08/05/16 07:06	08/05/16 20:36	1

TestAmerica Buffalo

QC Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

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

Lab Sample ID: MB 480-314572/1-A

Matrix: Solid

Analysis Batch: 314736

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 314572

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	131		65 - 174	08/05/16 07:06	08/05/16 20:36	1

Lab Sample ID: LCS 480-314572/2-A

Matrix: Solid

Analysis Batch: 314736

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 314572

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	1.91	2.01		mg/Kg		105	51 - 185
PCB-1260	1.91	1.89		mg/Kg		99	61 - 184

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	123		60 - 154
DCB Decachlorobiphenyl	129		65 - 174

Lab Sample ID: MB 480-314717/1-A

Matrix: Waste

Analysis Batch: 314733

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 314717

Analyte	MB Result	MB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2.5	2.5	mg/Kg		08/05/16 14:42	08/05/16 20:32	1
PCB-1221	ND		2.5	2.5	mg/Kg		08/05/16 14:42	08/05/16 20:32	1
PCB-1232	ND		2.5	2.5	mg/Kg		08/05/16 14:42	08/05/16 20:32	1
PCB-1242	ND		2.5	2.5	mg/Kg		08/05/16 14:42	08/05/16 20:32	1
PCB-1248	ND		2.5	2.5	mg/Kg		08/05/16 14:42	08/05/16 20:32	1
PCB-1254	ND		2.5	2.5	mg/Kg		08/05/16 14:42	08/05/16 20:32	1
PCB-1260	ND		2.5	2.5	mg/Kg		08/05/16 14:42	08/05/16 20:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	127		60 - 154	08/05/16 14:42	08/05/16 20:32	1
DCB Decachlorobiphenyl	127		65 - 174	08/05/16 14:42	08/05/16 20:32	1

Lab Sample ID: LCS 480-314717/2-A

Matrix: Waste

Analysis Batch: 314733

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 314717

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	50.0	61.3		mg/Kg		123	51 - 185
PCB-1260	50.0	66.6		mg/Kg		133	61 - 184

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	127		60 - 154
DCB Decachlorobiphenyl	128		65 - 174

TestAmerica Buffalo

QC Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

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

Lab Sample ID: LCSD 480-314717/3-A

Matrix: Waste

Analysis Batch: 314733

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 314717

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	50.0	61.3		mg/Kg		123	51 - 185	0	50
PCB-1260	50.0	67.9		mg/Kg		136	61 - 184	2	50
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
Tetrachloro-m-xylene	126		60 - 154						
DCB Decachlorobiphenyl	130		65 - 174						

Lab Sample ID: MB 480-315051/1-A

Matrix: Water

Analysis Batch: 315211

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 315051

Analyte	MB Result	MB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		08/09/16 07:49	08/09/16 21:52	1
PCB-1221	ND		0.50	0.18	ug/L		08/09/16 07:49	08/09/16 21:52	1
PCB-1232	ND		0.50	0.18	ug/L		08/09/16 07:49	08/09/16 21:52	1
PCB-1242	ND		0.50	0.18	ug/L		08/09/16 07:49	08/09/16 21:52	1
PCB-1248	ND		0.50	0.18	ug/L		08/09/16 07:49	08/09/16 21:52	1
PCB-1254	ND		0.50	0.25	ug/L		08/09/16 07:49	08/09/16 21:52	1
PCB-1260	ND		0.50	0.25	ug/L		08/09/16 07:49	08/09/16 21:52	1
Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac			
Tetrachloro-m-xylene	86		39 - 121	08/09/16 07:49	08/09/16 21:52	1			
DCB Decachlorobiphenyl	75		19 - 120	08/09/16 07:49	08/09/16 21:52	1			

Lab Sample ID: LCS 480-315051/2-A

Matrix: Water

Analysis Batch: 315211

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 315051

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec.		
			Added	Result	Qualifier			Limits			
PCB-1016			4.00	4.16		ug/L		104	62 - 130		
PCB-1260			4.00	3.92		ug/L		98	56 - 123		
Surrogate	LCS		Limits								
	%Recovery	Qualifier									
Tetrachloro-m-xylene		99	39 - 121								
DCB Decachlorobiphenyl		60	19 - 120								

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-314883/1-A

Matrix: Water

Analysis Batch: 315126

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 314883

Analyte	MB Result	MB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		08/08/16 08:02	08/09/16 07:28	1
Barium	ND		0.0020	0.00070	mg/L		08/08/16 08:02	08/09/16 07:28	1
Cadmium	ND		0.0020	0.00050	mg/L		08/08/16 08:02	08/09/16 07:28	1
Chromium	ND		0.0040	0.0010	mg/L		08/08/16 08:02	08/09/16 07:28	1

TestAmerica Buffalo

QC Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

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

Lab Sample ID: MB 480-314883/1-A

Matrix: Water

Analysis Batch: 315126

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 314883

Analyte	MB Result	MB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0030	mg/L		08/08/16 08:02	08/09/16 07:28	1
Selenium	ND		0.025	0.0087	mg/L		08/08/16 08:02	08/09/16 07:28	1
Silver	ND		0.0060	0.0017	mg/L		08/08/16 08:02	08/09/16 07:28	1

Lab Sample ID: LCS 480-314883/2-A

Matrix: Water

Analysis Batch: 315126

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 314883

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.200	0.200		mg/L		100	80 - 120
Barium	0.200	0.193		mg/L		97	80 - 120
Cadmium	0.200	0.202		mg/L		101	80 - 120
Chromium	0.200	0.193		mg/L		96	80 - 120
Lead	0.200	0.196		mg/L		98	80 - 120
Selenium	0.200	0.192		mg/L		96	80 - 120
Silver	0.0500	0.0484		mg/L		97	80 - 120

Lab Sample ID: MB 480-315333/1-A

Matrix: Waste

Analysis Batch: 315746

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 315333

Analyte	MB Result	MB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.1	0.42	mg/Kg		08/10/16 07:13	08/12/16 07:55	1
Barium	ND		0.52	0.11	mg/Kg		08/10/16 07:13	08/12/16 07:55	1
Cadmium	ND		0.21	0.031	mg/Kg		08/10/16 07:13	08/12/16 07:55	1
Chromium	ND		0.52	0.21	mg/Kg		08/10/16 07:13	08/12/16 07:55	1
Lead	ND		1.0	0.25	mg/Kg		08/10/16 07:13	08/12/16 07:55	1
Selenium	ND		4.2	0.42	mg/Kg		08/10/16 07:13	08/12/16 07:55	1
Silver	ND		0.63	0.21	mg/Kg		08/10/16 07:13	08/12/16 07:55	1

Lab Sample ID: LCSSRM 480-315333/2-A

Matrix: Waste

Analysis Batch: 315746

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 315333

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	221	202.5		mg/Kg		91.6	71.0 - 133.5
Barium	428	385.3		mg/Kg		90.0	74.3 - 125.5
Cadmium	126	115.7		mg/Kg		91.8	73.3 - 126.2
Chromium	74.7	68.32		mg/Kg		91.5	68.5 - 131.3
Lead	76.9	80.23		mg/Kg		104.3	68.8 - 131.3
Selenium	111	98.08		mg/Kg		88.4	65.7 - 134.2
Silver	59.6	51.53		mg/Kg		86.5	66.8 - 133.1

TestAmerica Buffalo

QC Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

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

Lab Sample ID: MB 480-315524/2-A

Matrix: Solid

Analysis Batch: 315999

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 315524

Analyte	MB Result	MB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		08/11/16 10:38	08/12/16 23:44	1
Barium	ND		1.0	0.10	mg/L		08/11/16 10:38	08/12/16 23:44	1
Cadmium	ND		0.0020	0.00050	mg/L		08/11/16 10:38	08/12/16 23:44	1
Chromium	ND		0.020	0.010	mg/L		08/11/16 10:38	08/12/16 23:44	1
Lead	ND		0.020	0.0030	mg/L		08/11/16 10:38	08/12/16 23:44	1
Selenium	ND		0.025	0.0087	mg/L		08/11/16 10:38	08/12/16 23:44	1
Silver	ND		0.0060	0.0017	mg/L		08/11/16 10:38	08/12/16 23:44	1

Lab Sample ID: LCS 480-315524/3-A

Matrix: Solid

Analysis Batch: 315999

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 315524

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.03		mg/L		103	80 - 120
Barium	1.00	0.997	J	mg/L		100	80 - 120
Cadmium	1.00	1.01		mg/L		101	80 - 120
Chromium	1.00	1.06		mg/L		106	80 - 120
Lead	1.00	1.01		mg/L		101	80 - 120
Selenium	1.00	1.01		mg/L		101	80 - 120
Silver	1.00	0.962		mg/L		96	80 - 120

Lab Sample ID: MB 480-315589/1-A

Matrix: Waste

Analysis Batch: 316016

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 315589

Analyte	MB Result	MB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.1	0.42	mg/Kg		08/11/16 16:00	08/12/16 13:18	1
Barium	ND	^	0.53	0.12	mg/Kg		08/11/16 16:00	08/12/16 13:18	1
Cadmium	ND		0.21	0.032	mg/Kg		08/11/16 16:00	08/12/16 13:18	1
Chromium	ND		0.53	0.21	mg/Kg		08/11/16 16:00	08/12/16 13:18	1
Lead	ND		1.1	0.25	mg/Kg		08/11/16 16:00	08/12/16 13:18	1
Selenium	ND		4.2	0.42	mg/Kg		08/11/16 16:00	08/12/16 13:18	1
Silver	ND		0.64	0.21	mg/Kg		08/11/16 16:00	08/12/16 13:18	1

Lab Sample ID: LCSSRM 480-315589/2-A

Matrix: Waste

Analysis Batch: 316016

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 315589

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	221	197.7		mg/Kg		89.4	71.0 - 133. 5
Barium	428	381.9	^	mg/Kg		89.2	74.3 - 125. 5
Cadmium	126	108.8		mg/Kg		86.4	73.3 - 126. 2
Chromium	74.7	71.73		mg/Kg		96.0	68.5 - 131. 3
Lead	76.9	82.73		mg/Kg		107.6	68.8 - 131. 3

TestAmerica Buffalo

QC Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

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

Lab Sample ID: LCSSRM 480-315589/2-A

Matrix: Waste

Analysis Batch: 316016

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 315589

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	111	98.27		mg/Kg		88.5	65.7 - 134.2
Silver	59.6	53.87		mg/Kg		90.4	66.8 - 133.1

Lab Sample ID: LB2 480-315364/1-B

Matrix: Solid

Analysis Batch: 315999

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 315524

Analyte	LB2 Result	LB2 Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		08/11/16 10:38	08/12/16 23:40	1
Barium	ND		1.0	0.10	mg/L		08/11/16 10:38	08/12/16 23:40	1
Cadmium	ND		0.0020	0.00050	mg/L		08/11/16 10:38	08/12/16 23:40	1
Chromium	ND		0.020	0.010	mg/L		08/11/16 10:38	08/12/16 23:40	1
Lead	ND		0.020	0.0030	mg/L		08/11/16 10:38	08/12/16 23:40	1
Selenium	ND		0.025	0.0087	mg/L		08/11/16 10:38	08/12/16 23:40	1
Silver	ND		0.0060	0.0017	mg/L		08/11/16 10:38	08/12/16 23:40	1

Lab Sample ID: 480-104121-14 MS

Matrix: Solid

Analysis Batch: 315999

Client Sample ID: 3B soil

Prep Type: TCLP

Prep Batch: 315524

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0063	J	1.00	1.15		mg/L		115	75 - 125
Barium	0.86	J	1.00	1.79		mg/L		93	75 - 125
Cadmium	0.0091		1.00	1.13		mg/L		112	75 - 125
Chromium	ND		1.00	0.998		mg/L		100	75 - 125
Lead	0.025		1.00	1.09		mg/L		107	75 - 125
Selenium	ND		1.00	1.10		mg/L		110	75 - 125
Silver	ND		1.00	1.12		mg/L		112	75 - 125

Lab Sample ID: 480-104121-14 MSD

Matrix: Solid

Analysis Batch: 315999

Client Sample ID: 3B soil

Prep Type: TCLP

Prep Batch: 315524

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic	0.0063	J	1.00	1.19		mg/L		118	75 - 125	3	20
Barium	0.86	J	1.00	1.83		mg/L		98	75 - 125	3	20
Cadmium	0.0091		1.00	1.15		mg/L		114	75 - 125	2	20
Chromium	ND		1.00	1.00		mg/L		100	75 - 125	0	20
Lead	0.025		1.00	1.11		mg/L		108	75 - 125	1	20
Selenium	ND		1.00	1.14		mg/L		114	75 - 125	3	20
Silver	ND		1.00	1.13		mg/L		113	75 - 125	1	20

TestAmerica Buffalo

QC Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-314567/1-A
Matrix: Water
Analysis Batch: 314718

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 314567

Analyte	MB Result	MB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/05/16 07:30	08/05/16 11:23	1

Lab Sample ID: LCS 480-314567/2-A
Matrix: Water
Analysis Batch: 314718

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 314567

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00715		mg/L		107	80 - 120

Lab Sample ID: MB 480-315564/2-A
Matrix: Solid
Analysis Batch: 315678

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 315564

Analyte	MB Result	MB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/11/16 12:25	08/11/16 15:06	1

Lab Sample ID: LCS 480-315564/3-A
Matrix: Solid
Analysis Batch: 315678

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 315564

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00668	0.00723		mg/L		108	80 - 120

Lab Sample ID: LB2 480-315364/1-C
Matrix: Solid
Analysis Batch: 315678

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 315564

Analyte	LB2 Result	LB2 Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/11/16 12:25	08/11/16 15:04	1

Lab Sample ID: 480-104121-14 MS
Matrix: Solid
Analysis Batch: 315678

Client Sample ID: 3B soil
Prep Type: TCLP
Prep Batch: 315564

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00668	0.00650		mg/L		97	80 - 120

Lab Sample ID: 480-104121-14 MSD
Matrix: Solid
Analysis Batch: 315678

Client Sample ID: 3B soil
Prep Type: TCLP
Prep Batch: 315564

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Mercury	ND		0.00668	0.00662		mg/L		99	80 - 120	2	20

TestAmerica Buffalo

QC Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-314618/1-A
Matrix: Waste
Analysis Batch: 314704

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 314618

Analyte	MB Result	MB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.018	0.0073	mg/Kg		08/05/16 09:45	08/05/16 11:24	1

Lab Sample ID: LCSSRM 480-314618/2-A ^5
Matrix: Waste
Analysis Batch: 314704

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 314618

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	7.10	5.63		mg/Kg		79.3	51.3 - 149. 3

Lab Sample ID: 480-104121-1 MS
Matrix: Waste
Analysis Batch: 314704

Client Sample ID: 1A Oil-Antifreeze
Prep Type: Total/NA
Prep Batch: 314618

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND	F1	0.313	0.235	F1	mg/Kg		75	80 - 120

Lab Sample ID: 480-104121-1 MSD
Matrix: Waste
Analysis Batch: 314704

Client Sample ID: 1A Oil-Antifreeze
Prep Type: Total/NA
Prep Batch: 314618

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND	F1	0.342	0.286		mg/Kg		84	80 - 120	19	20

Method: 1010A - Ignitability, Pensky-Martens Closed Cup Method

Lab Sample ID: LCS 480-315197/1
Matrix: Waste
Analysis Batch: 315197

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	80.00		Degrees F		99	97.5 - 102. 5

Lab Sample ID: 480-104121-5 DU
Matrix: Waste
Analysis Batch: 315197

Client Sample ID: 1E Oil-Antifreeze
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Flashpoint	>180.0		>180.0		Degrees F		NC	10

Lab Sample ID: LCS 480-315626/1
Matrix: Waste
Analysis Batch: 315626

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	80.00		Degrees F		99	97.5 - 102. 5

TestAmerica Buffalo

QC Sample Results

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Method: 1010A - Ignitability, Pensky-Martens Closed Cup Method (Continued)

Lab Sample ID: 480-104121-11 DU
Matrix: Waste
Analysis Batch: 315626

Client Sample ID: 1K Oil-Antifreeze
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Flashpoint	174		174.0		Degrees F		0	10

Method: 9045D - pH

Lab Sample ID: LCS 480-314763/1
Matrix: Solid
Analysis Batch: 314763

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	10.0	10.0		SU		100	99 - 101

Lab Sample ID: 480-104121-14 DU
Matrix: Solid
Analysis Batch: 314763

Client Sample ID: 3B soil
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
pH	11.5	HF	11.5		SU		0	5

QC Association Summary

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

GC/MS VOA

Prep Batch: 314993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-1	1A Oil-Antifreeze	Total/NA	Waste	5035	
480-104121-2	1B Oil-Antifreeze	Total/NA	Waste	5035	
480-104121-3	1C Oil-Antifreeze	Total/NA	Waste	5035	
480-104121-4	1D Oil-Antifreeze	Total/NA	Waste	5035	
480-104121-5	1E Oil-Antifreeze	Total/NA	Waste	5035	
480-104121-6	1F Oil-Antifreeze	Total/NA	Waste	5035	
480-104121-7	1G Oil-Antifreeze	Total/NA	Waste	5035	
480-104121-8	1H Oil-Antifreeze	Total/NA	Waste	5035	
480-104121-9	1I Oil-Antifreeze	Total/NA	Waste	5035	
480-104121-10	1J Oil-Antifreeze	Total/NA	Waste	5035	
480-104121-11 - DL	1K Oil-Antifreeze	Total/NA	Waste	5035	
480-104121-11	1K Oil-Antifreeze	Total/NA	Waste	5035	
MB 480-314993/1-A	Method Blank	Total/NA	Waste	5035	
LCS 480-314993/2-A	Lab Control Sample	Total/NA	Waste	5035	
480-104121-11 MS	1K Oil-Antifreeze	Total/NA	Waste	5035	
480-104121-11 MSD	1K Oil-Antifreeze	Total/NA	Waste	5035	

Analysis Batch: 315182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-15	4 Rainwater	Total/NA	Water	8260C	
MB 480-315182/7	Method Blank	Total/NA	Water	8260C	
LCS 480-315182/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 315631

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-3	1C Oil-Antifreeze	Total/NA	Waste	8260C	314993
480-104121-4	1D Oil-Antifreeze	Total/NA	Waste	8260C	314993
480-104121-6	1F Oil-Antifreeze	Total/NA	Waste	8260C	314993
480-104121-7	1G Oil-Antifreeze	Total/NA	Waste	8260C	314993
480-104121-8	1H Oil-Antifreeze	Total/NA	Waste	8260C	314993
480-104121-9	1I Oil-Antifreeze	Total/NA	Waste	8260C	314993
480-104121-10	1J Oil-Antifreeze	Total/NA	Waste	8260C	314993
480-104121-11	1K Oil-Antifreeze	Total/NA	Waste	8260C	314993
MB 480-314993/1-A	Method Blank	Total/NA	Waste	8260C	314993
LCS 480-314993/2-A	Lab Control Sample	Total/NA	Waste	8260C	314993
480-104121-11 MS	1K Oil-Antifreeze	Total/NA	Waste	8260C	314993
480-104121-11 MSD	1K Oil-Antifreeze	Total/NA	Waste	8260C	314993

Analysis Batch: 315815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-11 - DL	1K Oil-Antifreeze	Total/NA	Waste	8260C	314993
MB 480-315815/10	Method Blank	Total/NA	Waste	8260C	
MB 480-315823/1-A	Method Blank	Total/NA	Waste	8260C	315823
LCS 480-315815/8	Lab Control Sample	Total/NA	Waste	8260C	
480-104121-11 MS	1K Oil-Antifreeze	Total/NA	Waste	8260C	314993
480-104121-11 MSD	1K Oil-Antifreeze	Total/NA	Waste	8260C	314993

Prep Batch: 315823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-315823/1-A	Method Blank	Total/NA	Waste	5035	

TestAmerica Buffalo

QC Association Summary

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

GC/MS VOA (Continued)

Analysis Batch: 316002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-1	1A Oil-Antifreeze	Total/NA	Waste	8260C	314993
480-104121-2	1B Oil-Antifreeze	Total/NA	Waste	8260C	314993
480-104121-5	1E Oil-Antifreeze	Total/NA	Waste	8260C	314993

GC Semi VOA

Prep Batch: 314572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-13	3A soil	Total/NA	Solid	3550C	
480-104121-14	3B soil	Total/NA	Solid	3550C	
MB 480-314572/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-314572/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Prep Batch: 314717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-1	1A Oil-Antifreeze	Total/NA	Waste	3580A	
480-104121-2	1B Oil-Antifreeze	Total/NA	Waste	3580A	
480-104121-3	1C Oil-Antifreeze	Total/NA	Waste	3580A	
480-104121-4	1D Oil-Antifreeze	Total/NA	Waste	3580A	
480-104121-5	1E Oil-Antifreeze	Total/NA	Waste	3580A	
480-104121-6	1F Oil-Antifreeze	Total/NA	Waste	3580A	
480-104121-7	1G Oil-Antifreeze	Total/NA	Waste	3580A	
480-104121-8	1H Oil-Antifreeze	Total/NA	Waste	3580A	
480-104121-9	1I Oil-Antifreeze	Total/NA	Waste	3580A	
480-104121-10	1J Oil-Antifreeze	Total/NA	Waste	3580A	
480-104121-11	1K Oil-Antifreeze	Total/NA	Waste	3580A	
480-104121-12	2 Mineral Spirits	Total/NA	Waste	3580A	
MB 480-314717/1-A	Method Blank	Total/NA	Waste	3580A	
LCS 480-314717/2-A	Lab Control Sample	Total/NA	Waste	3580A	
LCSD 480-314717/3-A	Lab Control Sample Dup	Total/NA	Waste	3580A	

Analysis Batch: 314733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-1	1A Oil-Antifreeze	Total/NA	Waste	8082A	314717
480-104121-2	1B Oil-Antifreeze	Total/NA	Waste	8082A	314717
480-104121-3	1C Oil-Antifreeze	Total/NA	Waste	8082A	314717
480-104121-4	1D Oil-Antifreeze	Total/NA	Waste	8082A	314717
480-104121-5	1E Oil-Antifreeze	Total/NA	Waste	8082A	314717
480-104121-6	1F Oil-Antifreeze	Total/NA	Waste	8082A	314717
480-104121-7	1G Oil-Antifreeze	Total/NA	Waste	8082A	314717
480-104121-8	1H Oil-Antifreeze	Total/NA	Waste	8082A	314717
480-104121-9	1I Oil-Antifreeze	Total/NA	Waste	8082A	314717
480-104121-10	1J Oil-Antifreeze	Total/NA	Waste	8082A	314717
480-104121-11	1K Oil-Antifreeze	Total/NA	Waste	8082A	314717
480-104121-12	2 Mineral Spirits	Total/NA	Waste	8082A	314717
MB 480-314717/1-A	Method Blank	Total/NA	Waste	8082A	314717
LCS 480-314717/2-A	Lab Control Sample	Total/NA	Waste	8082A	314717
LCSD 480-314717/3-A	Lab Control Sample Dup	Total/NA	Waste	8082A	314717

TestAmerica Buffalo

QC Association Summary

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

GC Semi VOA (Continued)

Analysis Batch: 314736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-13	3A soil	Total/NA	Solid	8082A	314572
480-104121-14	3B soil	Total/NA	Solid	8082A	314572
MB 480-314572/1-A	Method Blank	Total/NA	Solid	8082A	314572
LCS 480-314572/2-A	Lab Control Sample	Total/NA	Solid	8082A	314572

Prep Batch: 315051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-16	5 Washwater	Total/NA	Water	3510C	
MB 480-315051/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-315051/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 315211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-16	5 Washwater	Total/NA	Water	8082A	315051
MB 480-315051/1-A	Method Blank	Total/NA	Water	8082A	315051
LCS 480-315051/2-A	Lab Control Sample	Total/NA	Water	8082A	315051

Metals

Prep Batch: 314567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-15	4 Rainwater	Total/NA	Water	7470A	
MB 480-314567/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-314567/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 314618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-1	1A Oil-Antifreeze	Total/NA	Waste	7471B	
480-104121-2	1B Oil-Antifreeze	Total/NA	Waste	7471B	
480-104121-3	1C Oil-Antifreeze	Total/NA	Waste	7471B	
480-104121-4	1D Oil-Antifreeze	Total/NA	Waste	7471B	
480-104121-5	1E Oil-Antifreeze	Total/NA	Waste	7471B	
480-104121-6	1F Oil-Antifreeze	Total/NA	Waste	7471B	
480-104121-7	1G Oil-Antifreeze	Total/NA	Waste	7471B	
480-104121-8	1H Oil-Antifreeze	Total/NA	Waste	7471B	
480-104121-9	1I Oil-Antifreeze	Total/NA	Waste	7471B	
480-104121-10	1J Oil-Antifreeze	Total/NA	Waste	7471B	
480-104121-11	1K Oil-Antifreeze	Total/NA	Waste	7471B	
480-104121-12	2 Mineral Spirits	Total/NA	Waste	7471B	
MB 480-314618/1-A	Method Blank	Total/NA	Waste	7471B	
LCSSRM 480-314618/2-A ^5	Lab Control Sample	Total/NA	Waste	7471B	
480-104121-1 MS	1A Oil-Antifreeze	Total/NA	Waste	7471B	
480-104121-1 MSD	1A Oil-Antifreeze	Total/NA	Waste	7471B	

Analysis Batch: 314704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-1	1A Oil-Antifreeze	Total/NA	Waste	7471B	314618
480-104121-2	1B Oil-Antifreeze	Total/NA	Waste	7471B	314618
480-104121-3	1C Oil-Antifreeze	Total/NA	Waste	7471B	314618
480-104121-4	1D Oil-Antifreeze	Total/NA	Waste	7471B	314618

TestAmerica Buffalo

QC Association Summary

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Metals (Continued)

Analysis Batch: 314704 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-5	1E Oil-Antifreeze	Total/NA	Waste	7471B	314618
480-104121-6	1F Oil-Antifreeze	Total/NA	Waste	7471B	314618
480-104121-7	1G Oil-Antifreeze	Total/NA	Waste	7471B	314618
480-104121-8	1H Oil-Antifreeze	Total/NA	Waste	7471B	314618
480-104121-9	1I Oil-Antifreeze	Total/NA	Waste	7471B	314618
480-104121-10	1J Oil-Antifreeze	Total/NA	Waste	7471B	314618
480-104121-11	1K Oil-Antifreeze	Total/NA	Waste	7471B	314618
480-104121-12	2 Mineral Spirits	Total/NA	Waste	7471B	314618
MB 480-314618/1-A	Method Blank	Total/NA	Waste	7471B	314618
LCSSRM 480-314618/2-A ^5	Lab Control Sample	Total/NA	Waste	7471B	314618
480-104121-1 MS	1A Oil-Antifreeze	Total/NA	Waste	7471B	314618
480-104121-1 MSD	1A Oil-Antifreeze	Total/NA	Waste	7471B	314618

Analysis Batch: 314718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-15	4 Rainwater	Total/NA	Water	7470A	314567
MB 480-314567/1-A	Method Blank	Total/NA	Water	7470A	314567
LCS 480-314567/2-A	Lab Control Sample	Total/NA	Water	7470A	314567

Prep Batch: 314883

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-15	4 Rainwater	Total/NA	Water	3005A	
MB 480-314883/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-314883/2-A	Lab Control Sample	Total/NA	Water	3005A	

Analysis Batch: 315126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-15	4 Rainwater	Total/NA	Water	6010C	314883
MB 480-314883/1-A	Method Blank	Total/NA	Water	6010C	314883
LCS 480-314883/2-A	Lab Control Sample	Total/NA	Water	6010C	314883

Prep Batch: 315333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-1	1A Oil-Antifreeze	Total/NA	Waste	3050B	
480-104121-2	1B Oil-Antifreeze	Total/NA	Waste	3050B	
480-104121-3	1C Oil-Antifreeze	Total/NA	Waste	3050B	
480-104121-4	1D Oil-Antifreeze	Total/NA	Waste	3050B	
480-104121-5	1E Oil-Antifreeze	Total/NA	Waste	3050B	
480-104121-6	1F Oil-Antifreeze	Total/NA	Waste	3050B	
480-104121-7	1G Oil-Antifreeze	Total/NA	Waste	3050B	
480-104121-8	1H Oil-Antifreeze	Total/NA	Waste	3050B	
480-104121-9	1I Oil-Antifreeze	Total/NA	Waste	3050B	
480-104121-12	2 Mineral Spirits	Total/NA	Waste	3050B	
MB 480-315333/1-A	Method Blank	Total/NA	Waste	3050B	
LCSSRM 480-315333/2-A	Lab Control Sample	Total/NA	Waste	3050B	

Leach Batch: 315364

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-13	3A soil	TCLP	Solid	1311	
480-104121-14	3B soil	TCLP	Solid	1311	
LB2 480-315364/1-B	Method Blank	TCLP	Solid	1311	

TestAmerica Buffalo

QC Association Summary

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Metals (Continued)

Leach Batch: 315364 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB2 480-315364/1-C	Method Blank	TCLP	Solid	1311	
480-104121-14 MS	3B soil	TCLP	Solid	1311	
480-104121-14 MSD	3B soil	TCLP	Solid	1311	

Prep Batch: 315524

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-13	3A soil	TCLP	Solid	3010A	315364
480-104121-14	3B soil	TCLP	Solid	3010A	315364
LB2 480-315364/1-B	Method Blank	TCLP	Solid	3010A	315364
MB 480-315524/2-A	Method Blank	Total/NA	Solid	3010A	
LCS 480-315524/3-A	Lab Control Sample	Total/NA	Solid	3010A	
480-104121-14 MS	3B soil	TCLP	Solid	3010A	315364
480-104121-14 MSD	3B soil	TCLP	Solid	3010A	315364

Prep Batch: 315564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-13	3A soil	TCLP	Solid	7470A	315364
480-104121-14	3B soil	TCLP	Solid	7470A	315364
LB2 480-315364/1-C	Method Blank	TCLP	Solid	7470A	315364
MB 480-315564/2-A	Method Blank	Total/NA	Solid	7470A	
LCS 480-315564/3-A	Lab Control Sample	Total/NA	Solid	7470A	
480-104121-14 MS	3B soil	TCLP	Solid	7470A	315364
480-104121-14 MSD	3B soil	TCLP	Solid	7470A	315364

Prep Batch: 315589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-10	1J Oil-Antifreeze	Total/NA	Waste	3050B	
480-104121-11	1K Oil-Antifreeze	Total/NA	Waste	3050B	
MB 480-315589/1-A	Method Blank	Total/NA	Waste	3050B	
LCSSRM 480-315589/2-A	Lab Control Sample	Total/NA	Waste	3050B	

Analysis Batch: 315678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-13	3A soil	TCLP	Solid	7470A	315564
480-104121-14	3B soil	TCLP	Solid	7470A	315564
LB2 480-315364/1-C	Method Blank	TCLP	Solid	7470A	315564
MB 480-315564/2-A	Method Blank	Total/NA	Solid	7470A	315564
LCS 480-315564/3-A	Lab Control Sample	Total/NA	Solid	7470A	315564
480-104121-14 MS	3B soil	TCLP	Solid	7470A	315564
480-104121-14 MSD	3B soil	TCLP	Solid	7470A	315564

Analysis Batch: 315746

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-1	1A Oil-Antifreeze	Total/NA	Waste	6010C	315333
480-104121-2	1B Oil-Antifreeze	Total/NA	Waste	6010C	315333
480-104121-3	1C Oil-Antifreeze	Total/NA	Waste	6010C	315333
480-104121-4	1D Oil-Antifreeze	Total/NA	Waste	6010C	315333
480-104121-5	1E Oil-Antifreeze	Total/NA	Waste	6010C	315333
480-104121-6	1F Oil-Antifreeze	Total/NA	Waste	6010C	315333
480-104121-7	1G Oil-Antifreeze	Total/NA	Waste	6010C	315333
480-104121-8	1H Oil-Antifreeze	Total/NA	Waste	6010C	315333

TestAmerica Buffalo

QC Association Summary

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Metals (Continued)

Analysis Batch: 315746 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-9	1I Oil-Antifreeze	Total/NA	Waste	6010C	315333
480-104121-12	2 Mineral Spirits	Total/NA	Waste	6010C	315333
MB 480-315333/1-A	Method Blank	Total/NA	Waste	6010C	315333
LCSSRM 480-315333/2-A	Lab Control Sample	Total/NA	Waste	6010C	315333

Analysis Batch: 315999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-13	3A soil	TCLP	Solid	6010C	315524
480-104121-14	3B soil	TCLP	Solid	6010C	315524
LB2 480-315364/1-B	Method Blank	TCLP	Solid	6010C	315524
MB 480-315524/2-A	Method Blank	Total/NA	Solid	6010C	315524
LCS 480-315524/3-A	Lab Control Sample	Total/NA	Solid	6010C	315524
480-104121-14 MS	3B soil	TCLP	Solid	6010C	315524
480-104121-14 MSD	3B soil	TCLP	Solid	6010C	315524

Analysis Batch: 316016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-10	1J Oil-Antifreeze	Total/NA	Waste	6010C	315589
480-104121-11	1K Oil-Antifreeze	Total/NA	Waste	6010C	315589
MB 480-315589/1-A	Method Blank	Total/NA	Waste	6010C	315589
LCSSRM 480-315589/2-A	Lab Control Sample	Total/NA	Waste	6010C	315589

General Chemistry

Analysis Batch: 314763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-13	3A soil	Total/NA	Solid	9045D	
480-104121-14	3B soil	Total/NA	Solid	9045D	
LCS 480-314763/1	Lab Control Sample	Total/NA	Solid	9045D	
480-104121-14 DU	3B soil	Total/NA	Solid	9045D	

Analysis Batch: 315025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-13	3A soil	Total/NA	Solid	Moisture	
480-104121-14	3B soil	Total/NA	Solid	Moisture	

Analysis Batch: 315197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-1	1A Oil-Antifreeze	Total/NA	Waste	1010A	
480-104121-2	1B Oil-Antifreeze	Total/NA	Waste	1010A	
480-104121-3	1C Oil-Antifreeze	Total/NA	Waste	1010A	
480-104121-4	1D Oil-Antifreeze	Total/NA	Waste	1010A	
480-104121-5	1E Oil-Antifreeze	Total/NA	Waste	1010A	
480-104121-6	1F Oil-Antifreeze	Total/NA	Waste	1010A	
480-104121-7	1G Oil-Antifreeze	Total/NA	Waste	1010A	
480-104121-8	1H Oil-Antifreeze	Total/NA	Waste	1010A	
480-104121-9	1I Oil-Antifreeze	Total/NA	Waste	1010A	
LCS 480-315197/1	Lab Control Sample	Total/NA	Waste	1010A	
480-104121-5 DU	1E Oil-Antifreeze	Total/NA	Waste	1010A	

TestAmerica Buffalo

QC Association Summary

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

General Chemistry (Continued)

Analysis Batch: 315376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-16	5 Washwater	Total/NA	Water	9040C	
LCS 480-315376/1	Lab Control Sample	Total/NA	Water	9040C	

Analysis Batch: 315626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-104121-10	1J Oil-Antifreeze	Total/NA	Waste	1010A	
480-104121-11	1K Oil-Antifreeze	Total/NA	Waste	1010A	
LCS 480-315626/1	Lab Control Sample	Total/NA	Waste	1010A	
480-104121-11 DU	1K Oil-Antifreeze	Total/NA	Waste	1010A	

Lab Chronicle

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 1A Oil-Antifreeze

Date Collected: 08/03/16 00:00

Date Received: 08/03/16 14:45

Lab Sample ID: 480-104121-1

Matrix: Waste

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			314993	08/08/16 17:42	GVF	TAL BUF
Total/NA	Analysis	8260C		1	316002	08/15/16 14:42	GVF	TAL BUF
Total/NA	Prep	3580A			314717	08/05/16 14:42	CAM	TAL BUF
Total/NA	Analysis	8082A		1	314733	08/05/16 22:37	KS	TAL BUF
Total/NA	Prep	3050B			315333	08/10/16 07:13	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	315746	08/12/16 08:01	AMH	TAL BUF
Total/NA	Prep	7471B			314618	08/05/16 09:45	JRK	TAL BUF
Total/NA	Analysis	7471B		1	314704	08/05/16 11:39	JRK	TAL BUF
Total/NA	Analysis	1010A		1	315197	08/09/16 18:04	MDL	TAL BUF

Client Sample ID: 1B Oil-Antifreeze

Date Collected: 08/03/16 00:00

Date Received: 08/03/16 14:45

Lab Sample ID: 480-104121-2

Matrix: Waste

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			314993	08/08/16 17:42	GVF	TAL BUF
Total/NA	Analysis	8260C		1	316002	08/15/16 15:09	GVF	TAL BUF
Total/NA	Prep	3580A			314717	08/05/16 14:42	CAM	TAL BUF
Total/NA	Analysis	8082A		1	314733	08/05/16 22:55	KS	TAL BUF
Total/NA	Prep	3050B			315333	08/10/16 07:13	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	315746	08/12/16 08:05	AMH	TAL BUF
Total/NA	Prep	7471B			314618	08/05/16 09:45	JRK	TAL BUF
Total/NA	Analysis	7471B		1	314704	08/05/16 11:45	JRK	TAL BUF
Total/NA	Analysis	1010A		1	315197	08/09/16 18:04	MDL	TAL BUF

Client Sample ID: 1C Oil-Antifreeze

Date Collected: 08/03/16 00:00

Date Received: 08/03/16 14:45

Lab Sample ID: 480-104121-3

Matrix: Waste

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			314993	08/08/16 17:42	GVF	TAL BUF
Total/NA	Analysis	8260C		10	315631	08/11/16 23:59	GTG	TAL BUF
Total/NA	Prep	3580A			314717	08/05/16 14:42	CAM	TAL BUF
Total/NA	Analysis	8082A		1	314733	08/05/16 23:13	KS	TAL BUF
Total/NA	Prep	3050B			315333	08/10/16 07:13	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	315746	08/12/16 08:08	AMH	TAL BUF
Total/NA	Prep	7471B			314618	08/05/16 09:45	JRK	TAL BUF
Total/NA	Analysis	7471B		1	314704	08/05/16 11:48	JRK	TAL BUF
Total/NA	Analysis	1010A		1	315197	08/09/16 18:04	MDL	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 1D Oil-Antifreeze

Lab Sample ID: 480-104121-4

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			314993	08/08/16 17:42	GVF	TAL BUF
Total/NA	Analysis	8260C		10	315631	08/12/16 00:22	GTG	TAL BUF
Total/NA	Prep	3580A			314717	08/05/16 14:42	CAM	TAL BUF
Total/NA	Analysis	8082A		1	314733	08/05/16 23:30	KS	TAL BUF
Total/NA	Prep	3050B			315333	08/10/16 07:13	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	315746	08/12/16 08:21	AMH	TAL BUF
Total/NA	Prep	7471B			314618	08/05/16 09:45	JRK	TAL BUF
Total/NA	Analysis	7471B		1	314704	08/05/16 11:49	JRK	TAL BUF
Total/NA	Analysis	1010A		1	315197	08/09/16 18:04	MDL	TAL BUF

Client Sample ID: 1E Oil-Antifreeze

Lab Sample ID: 480-104121-5

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			314993	08/08/16 17:42	GVF	TAL BUF
Total/NA	Analysis	8260C		1	316002	08/15/16 15:36	GVF	TAL BUF
Total/NA	Prep	3580A			314717	08/05/16 14:42	CAM	TAL BUF
Total/NA	Analysis	8082A		1	314733	08/05/16 23:48	KS	TAL BUF
Total/NA	Prep	3050B			315333	08/10/16 07:13	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	315746	08/12/16 08:25	AMH	TAL BUF
Total/NA	Prep	7471B			314618	08/05/16 09:45	JRK	TAL BUF
Total/NA	Analysis	7471B		1	314704	08/05/16 11:51	JRK	TAL BUF
Total/NA	Analysis	1010A		1	315197	08/09/16 18:04	MDL	TAL BUF

Client Sample ID: 1F Oil-Antifreeze

Lab Sample ID: 480-104121-6

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			314993	08/08/16 17:42	GVF	TAL BUF
Total/NA	Analysis	8260C		10	315631	08/12/16 01:09	GTG	TAL BUF
Total/NA	Prep	3580A			314717	08/05/16 14:42	CAM	TAL BUF
Total/NA	Analysis	8082A		1	314733	08/06/16 00:06	KS	TAL BUF
Total/NA	Prep	3050B			315333	08/10/16 07:13	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	315746	08/12/16 08:28	AMH	TAL BUF
Total/NA	Prep	7471B			314618	08/05/16 09:45	JRK	TAL BUF
Total/NA	Analysis	7471B		1	314704	08/05/16 11:54	JRK	TAL BUF
Total/NA	Analysis	1010A		1	315197	08/09/16 18:04	MDL	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 1G Oil-Antifreeze

Lab Sample ID: 480-104121-7

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			314993	08/08/16 17:42	GVF	TAL BUF
Total/NA	Analysis	8260C		10	315631	08/12/16 01:32	GTG	TAL BUF
Total/NA	Prep	3580A			314717	08/05/16 14:42	CAM	TAL BUF
Total/NA	Analysis	8082A		1	314733	08/06/16 00:24	KS	TAL BUF
Total/NA	Prep	3050B			315333	08/10/16 07:13	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	315746	08/12/16 08:31	AMH	TAL BUF
Total/NA	Prep	7471B			314618	08/05/16 09:45	JRK	TAL BUF
Total/NA	Analysis	7471B		1	314704	08/05/16 11:58	JRK	TAL BUF
Total/NA	Analysis	1010A		1	315197	08/09/16 18:04	MDL	TAL BUF

Client Sample ID: 1H Oil-Antifreeze

Lab Sample ID: 480-104121-8

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			314993	08/08/16 17:42	GVF	TAL BUF
Total/NA	Analysis	8260C		10	315631	08/12/16 01:55	GTG	TAL BUF
Total/NA	Prep	3580A			314717	08/05/16 14:42	CAM	TAL BUF
Total/NA	Analysis	8082A		1	314733	08/06/16 00:42	KS	TAL BUF
Total/NA	Prep	3050B			315333	08/10/16 07:13	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	315746	08/12/16 08:35	AMH	TAL BUF
Total/NA	Prep	7471B			314618	08/05/16 09:45	JRK	TAL BUF
Total/NA	Analysis	7471B		1	314704	08/05/16 12:00	JRK	TAL BUF
Total/NA	Analysis	1010A		1	315197	08/09/16 18:04	MDL	TAL BUF

Client Sample ID: 1I Oil-Antifreeze

Lab Sample ID: 480-104121-9

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			314993	08/08/16 17:42	GVF	TAL BUF
Total/NA	Analysis	8260C		10	315631	08/12/16 02:18	GTG	TAL BUF
Total/NA	Prep	3580A			314717	08/05/16 14:42	CAM	TAL BUF
Total/NA	Analysis	8082A		1	314733	08/06/16 00:59	KS	TAL BUF
Total/NA	Prep	3050B			315333	08/10/16 07:13	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	315746	08/12/16 08:38	AMH	TAL BUF
Total/NA	Prep	7471B			314618	08/05/16 09:45	JRK	TAL BUF
Total/NA	Analysis	7471B		1	314704	08/05/16 12:01	JRK	TAL BUF
Total/NA	Analysis	1010A		1	315197	08/09/16 18:04	MDL	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 1J Oil-Antifreeze

Lab Sample ID: 480-104121-10

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			314993	08/08/16 17:42	GVF	TAL BUF
Total/NA	Analysis	8260C		10	315631	08/12/16 02:41	GTG	TAL BUF
Total/NA	Prep	3580A			314717	08/05/16 14:42	CAM	TAL BUF
Total/NA	Analysis	8082A		1	314733	08/06/16 01:17	KS	TAL BUF
Total/NA	Prep	3050B			315589	08/11/16 16:00	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	316016	08/12/16 15:35	AMH	TAL BUF
Total/NA	Prep	7471B			314618	08/05/16 09:45	JRK	TAL BUF
Total/NA	Analysis	7471B		1	314704	08/05/16 12:03	JRK	TAL BUF
Total/NA	Analysis	1010A		1	315626	08/11/16 16:37	MDL	TAL BUF

Client Sample ID: 1K Oil-Antifreeze

Lab Sample ID: 480-104121-11

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035	DL		314993	08/08/16 17:42	GVF	TAL BUF
Total/NA	Analysis	8260C	DL	50	315815	08/13/16 01:29	NMD1	TAL BUF
Total/NA	Prep	5035			314993	08/08/16 17:42	GVF	TAL BUF
Total/NA	Analysis	8260C		10	315631	08/12/16 03:04	GTG	TAL BUF
Total/NA	Prep	3580A			314717	08/05/16 14:42	CAM	TAL BUF
Total/NA	Analysis	8082A		1	314733	08/06/16 01:35	KS	TAL BUF
Total/NA	Prep	3050B			315589	08/11/16 16:00	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	316016	08/12/16 14:09	AMH	TAL BUF
Total/NA	Prep	7471B			314618	08/05/16 09:45	JRK	TAL BUF
Total/NA	Analysis	7471B		1	314704	08/05/16 12:04	JRK	TAL BUF
Total/NA	Analysis	1010A		1	315626	08/11/16 16:37	MDL	TAL BUF

Client Sample ID: 2 Mineral Spirits

Lab Sample ID: 480-104121-12

Date Collected: 08/03/16 00:00

Matrix: Waste

Date Received: 08/03/16 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3580A			314717	08/05/16 14:42	CAM	TAL BUF
Total/NA	Analysis	8082A		5	314733	08/06/16 01:53	KS	TAL BUF
Total/NA	Prep	3050B			315333	08/10/16 07:13	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	315746	08/12/16 08:42	AMH	TAL BUF
Total/NA	Prep	7471B			314618	08/05/16 09:45	JRK	TAL BUF
Total/NA	Analysis	7471B		1	314704	08/05/16 12:05	JRK	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 3A soil

Lab Sample ID: 480-104121-13

Date Collected: 08/03/16 00:00

Matrix: Solid

Date Received: 08/03/16 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			315364	08/10/16 13:28	JLS	TAL BUF
TCLP	Prep	3010A			315524	08/11/16 10:38	RMZ	TAL BUF
TCLP	Analysis	6010C		1	315999	08/12/16 23:55	AMH	TAL BUF
TCLP	Leach	1311			315364	08/10/16 13:28	JLS	TAL BUF
TCLP	Prep	7470A			315564	08/11/16 12:25	JRK	TAL BUF
TCLP	Analysis	7470A		1	315678	08/11/16 15:14	JRK	TAL BUF
Total/NA	Analysis	9045D		1	314763	08/05/16 23:40	DSC	TAL BUF
Total/NA	Analysis	Moisture		1	315025	08/09/16 03:31	CSW	TAL BUF

Client Sample ID: 3A soil

Lab Sample ID: 480-104121-13

Date Collected: 08/03/16 00:00

Matrix: Solid

Date Received: 08/03/16 14:45

Percent Solids: 45.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			314572	08/05/16 07:06	JLS	TAL BUF
Total/NA	Analysis	8082A		1	314736	08/06/16 01:25	KS	TAL BUF

Client Sample ID: 3B soil

Lab Sample ID: 480-104121-14

Date Collected: 08/03/16 00:00

Matrix: Solid

Date Received: 08/03/16 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			315364	08/10/16 13:28	JLS	TAL BUF
TCLP	Prep	3010A			315524	08/11/16 10:38	RMZ	TAL BUF
TCLP	Analysis	6010C		1	315999	08/12/16 23:59	AMH	TAL BUF
TCLP	Leach	1311			315364	08/10/16 13:28	JLS	TAL BUF
TCLP	Prep	7470A			315564	08/11/16 12:25	JRK	TAL BUF
TCLP	Analysis	7470A		1	315678	08/11/16 15:16	JRK	TAL BUF
Total/NA	Analysis	9045D		1	314763	08/05/16 23:40	DSC	TAL BUF
Total/NA	Analysis	Moisture		1	315025	08/09/16 03:31	CSW	TAL BUF

Client Sample ID: 3B soil

Lab Sample ID: 480-104121-14

Date Collected: 08/03/16 00:00

Matrix: Solid

Date Received: 08/03/16 14:45

Percent Solids: 36.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			314572	08/05/16 07:06	JLS	TAL BUF
Total/NA	Analysis	8082A		1	314736	08/06/16 01:41	KS	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Client Sample ID: 4 Rainwater

Lab Sample ID: 480-104121-15

Date Collected: 08/03/16 00:00

Matrix: Water

Date Received: 08/03/16 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	315182	08/10/16 01:33	GTG	TAL BUF
Total/NA	Prep	3005A			314883	08/08/16 08:02	RMZ	TAL BUF
Total/NA	Analysis	6010C		1	315126	08/09/16 09:11	LMH	TAL BUF
Total/NA	Prep	7470A			314567	08/05/16 07:30	JRK	TAL BUF
Total/NA	Analysis	7470A		1	314718	08/05/16 12:11	JRK	TAL BUF

Client Sample ID: 5 Washwater

Lab Sample ID: 480-104121-16

Date Collected: 08/03/16 00:00

Matrix: Water

Date Received: 08/03/16 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			315051	08/09/16 08:38	CPH	TAL BUF
Total/NA	Analysis	8082A		1	315211	08/10/16 02:22	KS	TAL BUF
Total/NA	Analysis	9040C		1	315376	08/10/16 14:15	MDL	TAL BUF

Laboratory References:

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

Certification Summary

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

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	03-31-17

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

Analysis Method	Prep Method	Matrix	Analyte
7470A	7470A	Solid	Mercury
9040C		Water	pH
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF
7471B	Mercury (CVAA)	SW846	TAL BUF
1010A	Ignitability, Pensky-Martens Closed Cup Method	SW846	TAL BUF
9040C	pH	SW846	TAL BUF
9045D	pH	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: Veolia Environmental Services
Project/Site: Roth Steel - Syracuse NY

TestAmerica Job ID: 480-104121-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-104121-1	1A Oil-Antifreeze	Waste	08/03/16 00:00	08/03/16 14:45
480-104121-2	1B Oil-Antifreeze	Waste	08/03/16 00:00	08/03/16 14:45
480-104121-3	1C Oil-Antifreeze	Waste	08/03/16 00:00	08/03/16 14:45
480-104121-4	1D Oil-Antifreeze	Waste	08/03/16 00:00	08/03/16 14:45
480-104121-5	1E Oil-Antifreeze	Waste	08/03/16 00:00	08/03/16 14:45
480-104121-6	1F Oil-Antifreeze	Waste	08/03/16 00:00	08/03/16 14:45
480-104121-7	1G Oil-Antifreeze	Waste	08/03/16 00:00	08/03/16 14:45
480-104121-8	1H Oil-Antifreeze	Waste	08/03/16 00:00	08/03/16 14:45
480-104121-9	1I Oil-Antifreeze	Waste	08/03/16 00:00	08/03/16 14:45
480-104121-10	1J Oil-Antifreeze	Waste	08/03/16 00:00	08/03/16 14:45
480-104121-11	1K Oil-Antifreeze	Waste	08/03/16 00:00	08/03/16 14:45
480-104121-12	2 Mineral Spirits	Waste	08/03/16 00:00	08/03/16 14:45
480-104121-13	3A soil	Solid	08/03/16 00:00	08/03/16 14:45
480-104121-14	3B soil	Solid	08/03/16 00:00	08/03/16 14:45
480-104121-15	4 Rainwater	Water	08/03/16 00:00	08/03/16 14:45
480-104121-16	5 Washwater	Water	08/03/16 00:00	08/03/16 14:45

gcn# 635359
TestAmerica

Temperature on Receipt _____

Chain of Custody Record

THE LEADER IN ENVIRONMENTAL TESTING

Drinking Water? Yes ☐ No ☐

TAL-4124 (1007)

Client Veolia		Project Manager M-VINSON		Chain of Custody Number 290124	
Address 4400 River Rd.		Telephone Number (Area Code)/Fax Number 716-998-9581		Date 8/1/16	
City Tonawanda		Site Contact		Lab Number Page 1 of 2	
State NY		Zip Code 14150			
Project Name and Location (State) Roth Steel - Syracuse NY		Carrier/Waybill Number			
Contract/Purchase Order/Quote No.					

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix			Containers & Preservatives						Analysis (Attach list if more space is needed)	Special Instructions/ Conditions of Receipt	
			Air	Soil	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc			
1A oil - antygrease														
1B														
1C														
1D														
1E														
1F														
1G														
1H														
1I														
1J														
1K														
2 mineral sprays														

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ 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 **1080**

1. Relinquished By *[Signature]* Date **8/3/16** Time **2:45pm**
 2. Relinquished By _____ Date _____ Time _____
 3. Relinquished By _____ Date _____ Time _____

Comments
Temp 21.0 #3 NO ICE

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

Login Sample Receipt Checklist

Client: Veolia Environmental Services

Job Number: 480-104121-1

Login Number: 104121

List Source: TestAmerica Buffalo

List Number: 1

Creator: Kinecki, Kenneth P

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.	False	
Cooler Temperature is acceptable.	False	
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.	False	
Is the Field Sampler's name present on COC?	False	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	False	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	False	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	False	
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	Veolia
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	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-106147-1

Client Project/Site: Spectra - Syracuse NY

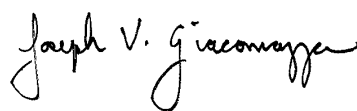
For:

Veolia Environmental Services

4400 River Road

Tonawanda, New York 14150

Attn: Frank Waclawek



Authorized for release by:

9/29/2016 11:41:49 AM

Joe Giacomazza, Project Management Assistant II

joe.giacomazza@testamericainc.com

Designee for

Judy Stone, Senior Project Manager

(484)685-0868

judy.stone@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

Qualifiers

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.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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)

Case Narrative

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

Job ID: 480-106147-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-106147-1

Receipt

The samples were received on 9/15/2016 3:15 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.0° C.

Receipt Exceptions

The container labels for the received samples did not match the information listed on the Chain-of-Custody (COC). The logged sample identifications were provided to the laboratory by the field sampling crew. The COC reflects the date of sample collection, sample relinquishment and sample receipt.

GC/MS VOA

Method(s) 8260C: The following sample was analyzed using medium level soil analysis to bring the concentration of target analytes within the calibration range: 1K5 (480-106147-12). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following sample was analyzed using medium level soil analysis due to the nature of the sample matrix: 1K1 (480-106147-8). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were analyzed using medium level soil analysis due to the abundance of non-target analytes: 1K2 (480-106147-9), 1K3 (480-106147-10) and 1K4 (480-106147-11). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following sample was analyzed using medium level soil analysis : 1K6 (480-106147-13). Elevated reporting limits (RLs) are provided.

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

GC Semi VOA

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

General Chemistry

Method(s) 9040C, SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: WW1 (480-106147-5).

Method(s) 9040C: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: WW2 (480-106147-6) and WW3 (480-106147-7).

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

Organic Prep

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 480-321434.

Method(s) 3550C: The following samples: 3A1 (480-106147-14), 3A3 (480-106147-16), 3A5 (480-106147-18), (480-106147-A-14 MS) and (480-106147-A-14 MSD) were decanted prior to preparation.

Method(s) 3550C: Samples are muddy, but no standing water. No decant needed.

3B1 (480-106147-19), 3B2 (480-106147-20), 3B3 (480-106147-21), 3B4 (480-106147-22) and 3B5 (480-106147-23)

Case Narrative

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

Job ID: 480-106147-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

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

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Detection Summary

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

Client Sample ID: RAIN WATER

Lab Sample ID: 480-106147-4

No Detections.

Client Sample ID: WW1

Lab Sample ID: 480-106147-5

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
pH	7.72	HF	0.100	0.100	SU	1		9040C	Total/NA

Client Sample ID: WW2

Lab Sample ID: 480-106147-6

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
pH	12.5	HF	0.100	0.100	SU	1		9040C	Total/NA

Client Sample ID: WW3

Lab Sample ID: 480-106147-7

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
pH	12.4	HF	0.100	0.100	SU	1		9040C	Total/NA

Client Sample ID: 1K1

Lab Sample ID: 480-106147-8

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
Benzene	46000		10000	1900	ug/Kg	100		8260C	Total/NA
Flashpoint	148		50.0	50.0	Degrees F	1		1010A	Total/NA

Client Sample ID: 1K2

Lab Sample ID: 480-106147-9

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA

Client Sample ID: 1K3

Lab Sample ID: 480-106147-10

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA

Client Sample ID: 1K4

Lab Sample ID: 480-106147-11

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
Benzene	74000		19000	3700	ug/Kg	200		8260C	Total/NA
Flashpoint	142		50.0	50.0	Degrees F	1		1010A	Total/NA

Client Sample ID: 1K5

Lab Sample ID: 480-106147-12

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
Benzene	2000		780	150	ug/Kg	8		8260C	Total/NA
Tetrachloroethene	47000		780	100	ug/Kg	8		8260C	Total/NA
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA

Client Sample ID: 1K6

Lab Sample ID: 480-106147-13

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

Client Sample ID: 3A1

Lab Sample ID: 480-106147-14

No Detections.

Client Sample ID: 3A2

Lab Sample ID: 480-106147-15

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	0.13	J	0.37	0.072	mg/Kg	1	☼	8082A	Total/NA

Client Sample ID: 3A3

Lab Sample ID: 480-106147-16

No Detections.

Client Sample ID: 3A4

Lab Sample ID: 480-106147-17

No Detections.

Client Sample ID: 3A5

Lab Sample ID: 480-106147-18

No Detections.

Client Sample ID: 3B1

Lab Sample ID: 480-106147-19

No Detections.

Client Sample ID: 3B2

Lab Sample ID: 480-106147-20

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	0.12	J	0.33	0.065	mg/Kg	1	☼	8082A	Total/NA

Client Sample ID: 3B3

Lab Sample ID: 480-106147-21

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	0.50		0.45	0.089	mg/Kg	1	☼	8082A	Total/NA
PCB-1254	0.42	J	0.45	0.21	mg/Kg	1	☼	8082A	Total/NA

Client Sample ID: 3B4

Lab Sample ID: 480-106147-22

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	1.0		0.42	0.082	mg/Kg	1	☼	8082A	Total/NA
PCB-1254	0.47		0.42	0.20	mg/Kg	1	☼	8082A	Total/NA
PCB-1260	0.24	J	0.42	0.20	mg/Kg	1	☼	8082A	Total/NA

Client Sample ID: 3B5

Lab Sample ID: 480-106147-23

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	0.16	J	0.33	0.065	mg/Kg	1	☼	8082A	Total/NA

Client Sample ID: 3B6

Lab Sample ID: 480-106147-24

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

Client Sample ID: RAIN WATER

Lab Sample ID: 480-106147-4

Date Collected: 09/14/16 15:00

Matrix: Water

Date Received: 09/15/16 15:15

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.0010	0.00021	mg/L			09/24/16 04:22	1
2-Butanone (MEK)	ND		0.0050	0.0013	mg/L			09/24/16 04:22	1
Benzene	ND		0.0010	0.00041	mg/L			09/24/16 04:22	1
Carbon tetrachloride	ND		0.0010	0.00027	mg/L			09/24/16 04:22	1
Chlorobenzene	ND		0.0010	0.00075	mg/L			09/24/16 04:22	1
Chloroform	ND		0.0010	0.00034	mg/L			09/24/16 04:22	1
Tetrachloroethene	ND		0.0010	0.00036	mg/L			09/24/16 04:22	1
Trichloroethene	ND		0.0010	0.00046	mg/L			09/24/16 04:22	1
Vinyl chloride	ND		0.0010	0.00090	mg/L			09/24/16 04:22	1
1,1-Dichloroethene	ND		0.0010	0.00029	mg/L			09/24/16 04:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		77 - 120		09/24/16 04:22	1
4-Bromofluorobenzene (Surr)	94		73 - 120		09/24/16 04:22	1
Toluene-d8 (Surr)	91		80 - 120		09/24/16 04:22	1
Dibromofluoromethane (Surr)	91		75 - 123		09/24/16 04:22	1

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.61	0.21	ug/L		09/21/16 08:13	09/21/16 22:45	1
PCB-1221	ND		0.61	0.21	ug/L		09/21/16 08:13	09/21/16 22:45	1
PCB-1232	ND		0.61	0.21	ug/L		09/21/16 08:13	09/21/16 22:45	1
PCB-1242	ND		0.61	0.21	ug/L		09/21/16 08:13	09/21/16 22:45	1
PCB-1248	ND		0.61	0.21	ug/L		09/21/16 08:13	09/21/16 22:45	1
PCB-1254	ND		0.61	0.30	ug/L		09/21/16 08:13	09/21/16 22:45	1
PCB-1260	ND		0.61	0.30	ug/L		09/21/16 08:13	09/21/16 22:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	72		39 - 121	09/21/16 08:13	09/21/16 22:45	1
DCB Decachlorobiphenyl	27	p	19 - 120	09/21/16 08:13	09/21/16 22:45	1

Client Sample ID: WW1

Lab Sample ID: 480-106147-5

Date Collected: 09/14/16 15:00

Matrix: Water

Date Received: 09/15/16 15:15

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.72	HF	0.100	0.100	SU			09/20/16 14:52	1

Client Sample ID: WW2

Lab Sample ID: 480-106147-6

Date Collected: 09/14/16 15:00

Matrix: Water

Date Received: 09/15/16 15:15

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
pH	12.5	HF	0.100	0.100	SU			09/23/16 22:11	1

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

Client Sample ID: WW3

Date Collected: 09/14/16 15:00

Date Received: 09/15/16 15:15

Lab Sample ID: 480-106147-7

Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
pH	12.4	HF	0.100	0.100	SU			09/23/16 22:11	1

Client Sample ID: 1K1

Date Collected: 09/14/16 15:00

Date Received: 09/15/16 15:15

Lab Sample ID: 480-106147-8

Matrix: Waste

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		10000	4100	ug/Kg		09/21/16 19:16	09/27/16 03:32	100
2-Butanone (MEK)	ND		50000	30000	ug/Kg		09/21/16 19:16	09/27/16 03:32	100
Benzene	46000		10000	1900	ug/Kg		09/21/16 19:16	09/27/16 03:32	100
Carbon tetrachloride	ND		10000	2600	ug/Kg		09/21/16 19:16	09/27/16 03:32	100
Chlorobenzene	ND		10000	1300	ug/Kg		09/21/16 19:16	09/27/16 03:32	100
Chloroform	ND		10000	6900	ug/Kg		09/21/16 19:16	09/27/16 03:32	100
Tetrachloroethene	ND		10000	1300	ug/Kg		09/21/16 19:16	09/27/16 03:32	100
Trichloroethene	ND		10000	2800	ug/Kg		09/21/16 19:16	09/27/16 03:32	100
Vinyl chloride	ND		10000	3400	ug/Kg		09/21/16 19:16	09/27/16 03:32	100
1,1-Dichloroethene	ND		10000	3500	ug/Kg		09/21/16 19:16	09/27/16 03:32	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		53 - 146				09/21/16 19:16	09/27/16 03:32	100
4-Bromofluorobenzene (Surr)	94		49 - 148				09/21/16 19:16	09/27/16 03:32	100
Toluene-d8 (Surr)	92		50 - 149				09/21/16 19:16	09/27/16 03:32	100
Dibromofluoromethane (Surr)	95		60 - 140				09/21/16 19:16	09/27/16 03:32	100

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	148		50.0	50.0	Degrees F			09/25/16 13:52	1

Client Sample ID: 1K2

Date Collected: 09/14/16 15:00

Date Received: 09/15/16 15:15

Lab Sample ID: 480-106147-9

Matrix: Waste

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		1900	770	ug/Kg		09/21/16 19:16	09/27/16 03:59	20
2-Butanone (MEK)	ND		9500	5600	ug/Kg		09/21/16 19:16	09/27/16 03:59	20
Benzene	ND		1900	360	ug/Kg		09/21/16 19:16	09/27/16 03:59	20
Carbon tetrachloride	ND		1900	480	ug/Kg		09/21/16 19:16	09/27/16 03:59	20
Chlorobenzene	ND		1900	250	ug/Kg		09/21/16 19:16	09/27/16 03:59	20
Chloroform	ND		1900	1300	ug/Kg		09/21/16 19:16	09/27/16 03:59	20
Tetrachloroethene	ND		1900	250	ug/Kg		09/21/16 19:16	09/27/16 03:59	20
Trichloroethene	ND		1900	530	ug/Kg		09/21/16 19:16	09/27/16 03:59	20
Vinyl chloride	ND		1900	630	ug/Kg		09/21/16 19:16	09/27/16 03:59	20
1,1-Dichloroethene	ND		1900	650	ug/Kg		09/21/16 19:16	09/27/16 03:59	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		53 - 146				09/21/16 19:16	09/27/16 03:59	20
4-Bromofluorobenzene (Surr)	93		49 - 148				09/21/16 19:16	09/27/16 03:59	20
Toluene-d8 (Surr)	92		50 - 149				09/21/16 19:16	09/27/16 03:59	20
Dibromofluoromethane (Surr)	93		60 - 140				09/21/16 19:16	09/27/16 03:59	20

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			09/25/16 13:52	1

Client Sample ID: 1K3

Lab Sample ID: 480-106147-10

Date Collected: 09/14/16 15:00

Matrix: Waste

Date Received: 09/15/16 15:15

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		99	41	ug/Kg		09/21/16 19:16	09/27/16 04:25	1
2-Butanone (MEK)	ND		500	290	ug/Kg		09/21/16 19:16	09/27/16 04:25	1
Benzene	ND		99	19	ug/Kg		09/21/16 19:16	09/27/16 04:25	1
Carbon tetrachloride	ND		99	25	ug/Kg		09/21/16 19:16	09/27/16 04:25	1
Chlorobenzene	ND		99	13	ug/Kg		09/21/16 19:16	09/27/16 04:25	1
Chloroform	ND		99	68	ug/Kg		09/21/16 19:16	09/27/16 04:25	1
Tetrachloroethene	ND		99	13	ug/Kg		09/21/16 19:16	09/27/16 04:25	1
Trichloroethene	ND		99	28	ug/Kg		09/21/16 19:16	09/27/16 04:25	1
Vinyl chloride	ND		99	33	ug/Kg		09/21/16 19:16	09/27/16 04:25	1
1,1-Dichloroethene	ND		99	34	ug/Kg		09/21/16 19:16	09/27/16 04:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		53 - 146	09/21/16 19:16	09/27/16 04:25	1
4-Bromofluorobenzene (Surr)	92		49 - 148	09/21/16 19:16	09/27/16 04:25	1
Toluene-d8 (Surr)	92		50 - 149	09/21/16 19:16	09/27/16 04:25	1
Dibromofluoromethane (Surr)	83		60 - 140	09/21/16 19:16	09/27/16 04:25	1

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			09/27/16 17:14	1

Client Sample ID: 1K4

Lab Sample ID: 480-106147-11

Date Collected: 09/14/16 15:00

Matrix: Waste

Date Received: 09/15/16 15:15

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		19000	7900	ug/Kg		09/21/16 19:16	09/27/16 04:52	200
2-Butanone (MEK)	ND		97000	58000	ug/Kg		09/21/16 19:16	09/27/16 04:52	200
Benzene	74000		19000	3700	ug/Kg		09/21/16 19:16	09/27/16 04:52	200
Carbon tetrachloride	ND		19000	5000	ug/Kg		09/21/16 19:16	09/27/16 04:52	200
Chlorobenzene	ND		19000	2600	ug/Kg		09/21/16 19:16	09/27/16 04:52	200
Chloroform	ND		19000	13000	ug/Kg		09/21/16 19:16	09/27/16 04:52	200
Tetrachloroethene	ND		19000	2600	ug/Kg		09/21/16 19:16	09/27/16 04:52	200
Trichloroethene	ND		19000	5400	ug/Kg		09/21/16 19:16	09/27/16 04:52	200
Vinyl chloride	ND		19000	6500	ug/Kg		09/21/16 19:16	09/27/16 04:52	200
1,1-Dichloroethene	ND		19000	6700	ug/Kg		09/21/16 19:16	09/27/16 04:52	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		53 - 146	09/21/16 19:16	09/27/16 04:52	200
4-Bromofluorobenzene (Surr)	94		49 - 148	09/21/16 19:16	09/27/16 04:52	200
Toluene-d8 (Surr)	91		50 - 149	09/21/16 19:16	09/27/16 04:52	200
Dibromofluoromethane (Surr)	92		60 - 140	09/21/16 19:16	09/27/16 04:52	200

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	142		50.0	50.0	Degrees F			09/27/16 17:14	1

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

Client Sample ID: 1K5

Lab Sample ID: 480-106147-12

Date Collected: 09/14/16 15:00

Matrix: Waste

Date Received: 09/15/16 15:15

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		780	320	ug/Kg		09/21/16 19:16	09/27/16 05:19	8
2-Butanone (MEK)	ND		3900	2300	ug/Kg		09/21/16 19:16	09/27/16 05:19	8
Benzene	2000		780	150	ug/Kg		09/21/16 19:16	09/27/16 05:19	8
Carbon tetrachloride	ND		780	200	ug/Kg		09/21/16 19:16	09/27/16 05:19	8
Chlorobenzene	ND		780	100	ug/Kg		09/21/16 19:16	09/27/16 05:19	8
Chloroform	ND		780	530	ug/Kg		09/21/16 19:16	09/27/16 05:19	8
Tetrachloroethene	47000		780	100	ug/Kg		09/21/16 19:16	09/27/16 05:19	8
Trichloroethene	ND		780	220	ug/Kg		09/21/16 19:16	09/27/16 05:19	8
Vinyl chloride	ND		780	260	ug/Kg		09/21/16 19:16	09/27/16 05:19	8
1,1-Dichloroethene	ND		780	270	ug/Kg		09/21/16 19:16	09/27/16 05:19	8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		53 - 146	09/21/16 19:16	09/27/16 05:19	8
4-Bromofluorobenzene (Surr)	95		49 - 148	09/21/16 19:16	09/27/16 05:19	8
Toluene-d8 (Surr)	93		50 - 149	09/21/16 19:16	09/27/16 05:19	8
Dibromofluoromethane (Surr)	90		60 - 140	09/21/16 19:16	09/27/16 05:19	8

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			09/27/16 17:14	1

Client Sample ID: 1K6

Lab Sample ID: 480-106147-13

Date Collected: 09/14/16 15:00

Matrix: Waste

Date Received: 09/15/16 15:15

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		96	39	ug/Kg		09/21/16 19:16	09/27/16 12:59	1
2-Butanone (MEK)	ND		480	290	ug/Kg		09/21/16 19:16	09/27/16 12:59	1
Benzene	ND		96	18	ug/Kg		09/21/16 19:16	09/27/16 12:59	1
Carbon tetrachloride	ND		96	25	ug/Kg		09/21/16 19:16	09/27/16 12:59	1
Chlorobenzene	ND		96	13	ug/Kg		09/21/16 19:16	09/27/16 12:59	1
Chloroform	ND		96	66	ug/Kg		09/21/16 19:16	09/27/16 12:59	1
Tetrachloroethene	ND		96	13	ug/Kg		09/21/16 19:16	09/27/16 12:59	1
Trichloroethene	ND		96	27	ug/Kg		09/21/16 19:16	09/27/16 12:59	1
Vinyl chloride	ND		96	32	ug/Kg		09/21/16 19:16	09/27/16 12:59	1
1,1-Dichloroethene	ND		96	33	ug/Kg		09/21/16 19:16	09/27/16 12:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		53 - 146	09/21/16 19:16	09/27/16 12:59	1
4-Bromofluorobenzene (Surr)	90		49 - 148	09/21/16 19:16	09/27/16 12:59	1
Toluene-d8 (Surr)	94		50 - 149	09/21/16 19:16	09/27/16 12:59	1
Dibromofluoromethane (Surr)	87		60 - 140	09/21/16 19:16	09/27/16 12:59	1

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			09/27/16 17:14	1

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

Client Sample ID: 3A1

Date Collected: 09/14/16 15:00

Date Received: 09/15/16 15:15

Lab Sample ID: 480-106147-14

Matrix: Solid

Percent Solids: 41.7

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.57	0.11	mg/Kg	☼	09/21/16 06:55	09/21/16 17:28	1
PCB-1221	ND		0.57	0.11	mg/Kg	☼	09/21/16 06:55	09/21/16 17:28	1
PCB-1232	ND		0.57	0.11	mg/Kg	☼	09/21/16 06:55	09/21/16 17:28	1
PCB-1242	ND		0.57	0.11	mg/Kg	☼	09/21/16 06:55	09/21/16 17:28	1
PCB-1248	ND		0.57	0.11	mg/Kg	☼	09/21/16 06:55	09/21/16 17:28	1
PCB-1254	ND		0.57	0.26	mg/Kg	☼	09/21/16 06:55	09/21/16 17:28	1
PCB-1260	ND		0.57	0.26	mg/Kg	☼	09/21/16 06:55	09/21/16 17:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	106		60 - 154	09/21/16 06:55	09/21/16 17:28	1
DCB Decachlorobiphenyl	117		65 - 174	09/21/16 06:55	09/21/16 17:28	1

Client Sample ID: 3A2

Date Collected: 09/14/16 15:00

Date Received: 09/15/16 15:15

Lab Sample ID: 480-106147-15

Matrix: Solid

Percent Solids: 65.3

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.37	0.072	mg/Kg	☼	09/21/16 06:55	09/21/16 17:44	1
PCB-1221	ND		0.37	0.072	mg/Kg	☼	09/21/16 06:55	09/21/16 17:44	1
PCB-1232	ND		0.37	0.072	mg/Kg	☼	09/21/16 06:55	09/21/16 17:44	1
PCB-1242	ND		0.37	0.072	mg/Kg	☼	09/21/16 06:55	09/21/16 17:44	1
PCB-1248	0.13	J	0.37	0.072	mg/Kg	☼	09/21/16 06:55	09/21/16 17:44	1
PCB-1254	ND		0.37	0.17	mg/Kg	☼	09/21/16 06:55	09/21/16 17:44	1
PCB-1260	ND		0.37	0.17	mg/Kg	☼	09/21/16 06:55	09/21/16 17:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	96		60 - 154	09/21/16 06:55	09/21/16 17:44	1
DCB Decachlorobiphenyl	93		65 - 174	09/21/16 06:55	09/21/16 17:44	1

Client Sample ID: 3A3

Date Collected: 09/14/16 15:00

Date Received: 09/15/16 15:15

Lab Sample ID: 480-106147-16

Matrix: Solid

Percent Solids: 58.1

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.37	0.073	mg/Kg	☼	09/21/16 06:55	09/21/16 18:00	1
PCB-1221	ND		0.37	0.073	mg/Kg	☼	09/21/16 06:55	09/21/16 18:00	1
PCB-1232	ND		0.37	0.073	mg/Kg	☼	09/21/16 06:55	09/21/16 18:00	1
PCB-1242	ND		0.37	0.073	mg/Kg	☼	09/21/16 06:55	09/21/16 18:00	1
PCB-1248	ND		0.37	0.073	mg/Kg	☼	09/21/16 06:55	09/21/16 18:00	1
PCB-1254	ND		0.37	0.17	mg/Kg	☼	09/21/16 06:55	09/21/16 18:00	1
PCB-1260	ND		0.37	0.17	mg/Kg	☼	09/21/16 06:55	09/21/16 18:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	97		60 - 154	09/21/16 06:55	09/21/16 18:00	1
DCB Decachlorobiphenyl	101		65 - 174	09/21/16 06:55	09/21/16 18:00	1

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

Client Sample ID: 3A4

Date Collected: 09/14/16 15:00

Date Received: 09/15/16 15:15

Lab Sample ID: 480-106147-17

Matrix: Solid

Percent Solids: 60.4

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.38	0.074	mg/Kg	☼	09/21/16 06:55	09/21/16 18:16	1
PCB-1221	ND		0.38	0.074	mg/Kg	☼	09/21/16 06:55	09/21/16 18:16	1
PCB-1232	ND		0.38	0.074	mg/Kg	☼	09/21/16 06:55	09/21/16 18:16	1
PCB-1242	ND		0.38	0.074	mg/Kg	☼	09/21/16 06:55	09/21/16 18:16	1
PCB-1248	ND		0.38	0.074	mg/Kg	☼	09/21/16 06:55	09/21/16 18:16	1
PCB-1254	ND		0.38	0.18	mg/Kg	☼	09/21/16 06:55	09/21/16 18:16	1
PCB-1260	ND		0.38	0.18	mg/Kg	☼	09/21/16 06:55	09/21/16 18:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	105		60 - 154	09/21/16 06:55	09/21/16 18:16	1
DCB Decachlorobiphenyl	107		65 - 174	09/21/16 06:55	09/21/16 18:16	1

Client Sample ID: 3A5

Date Collected: 09/14/16 15:00

Date Received: 09/15/16 15:15

Lab Sample ID: 480-106147-18

Matrix: Solid

Percent Solids: 60.2

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.40	0.078	mg/Kg	☼	09/21/16 06:55	09/21/16 18:32	1
PCB-1221	ND		0.40	0.078	mg/Kg	☼	09/21/16 06:55	09/21/16 18:32	1
PCB-1232	ND		0.40	0.078	mg/Kg	☼	09/21/16 06:55	09/21/16 18:32	1
PCB-1242	ND		0.40	0.078	mg/Kg	☼	09/21/16 06:55	09/21/16 18:32	1
PCB-1248	ND		0.40	0.078	mg/Kg	☼	09/21/16 06:55	09/21/16 18:32	1
PCB-1254	ND		0.40	0.19	mg/Kg	☼	09/21/16 06:55	09/21/16 18:32	1
PCB-1260	ND		0.40	0.19	mg/Kg	☼	09/21/16 06:55	09/21/16 18:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	101		60 - 154	09/21/16 06:55	09/21/16 18:32	1
DCB Decachlorobiphenyl	107		65 - 174	09/21/16 06:55	09/21/16 18:32	1

Client Sample ID: 3B1

Date Collected: 09/14/16 15:00

Date Received: 09/15/16 15:15

Lab Sample ID: 480-106147-19

Matrix: Solid

Percent Solids: 60.8

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.35	0.069	mg/Kg	☼	09/21/16 06:55	09/21/16 18:48	1
PCB-1221	ND		0.35	0.069	mg/Kg	☼	09/21/16 06:55	09/21/16 18:48	1
PCB-1232	ND		0.35	0.069	mg/Kg	☼	09/21/16 06:55	09/21/16 18:48	1
PCB-1242	ND		0.35	0.069	mg/Kg	☼	09/21/16 06:55	09/21/16 18:48	1
PCB-1248	ND		0.35	0.069	mg/Kg	☼	09/21/16 06:55	09/21/16 18:48	1
PCB-1254	ND		0.35	0.17	mg/Kg	☼	09/21/16 06:55	09/21/16 18:48	1
PCB-1260	ND		0.35	0.17	mg/Kg	☼	09/21/16 06:55	09/21/16 18:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	113		60 - 154	09/21/16 06:55	09/21/16 18:48	1
DCB Decachlorobiphenyl	125		65 - 174	09/21/16 06:55	09/21/16 18:48	1

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

Client Sample ID: 3B2

Date Collected: 09/14/16 15:00

Date Received: 09/15/16 15:15

Lab Sample ID: 480-106147-20

Matrix: Solid

Percent Solids: 63.8

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.33	0.065	mg/Kg	☼	09/21/16 06:55	09/21/16 19:03	1
PCB-1221	ND		0.33	0.065	mg/Kg	☼	09/21/16 06:55	09/21/16 19:03	1
PCB-1232	ND		0.33	0.065	mg/Kg	☼	09/21/16 06:55	09/21/16 19:03	1
PCB-1242	0.12	J	0.33	0.065	mg/Kg	☼	09/21/16 06:55	09/21/16 19:03	1
PCB-1248	ND		0.33	0.065	mg/Kg	☼	09/21/16 06:55	09/21/16 19:03	1
PCB-1254	ND		0.33	0.15	mg/Kg	☼	09/21/16 06:55	09/21/16 19:03	1
PCB-1260	ND		0.33	0.15	mg/Kg	☼	09/21/16 06:55	09/21/16 19:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	99		60 - 154	09/21/16 06:55	09/21/16 19:03	1
DCB Decachlorobiphenyl	101		65 - 174	09/21/16 06:55	09/21/16 19:03	1

Client Sample ID: 3B3

Date Collected: 09/14/16 15:00

Date Received: 09/15/16 15:15

Lab Sample ID: 480-106147-21

Matrix: Solid

Percent Solids: 49.8

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.45	0.089	mg/Kg	☼	09/21/16 06:55	09/21/16 19:19	1
PCB-1221	ND		0.45	0.089	mg/Kg	☼	09/21/16 06:55	09/21/16 19:19	1
PCB-1232	ND		0.45	0.089	mg/Kg	☼	09/21/16 06:55	09/21/16 19:19	1
PCB-1242	ND		0.45	0.089	mg/Kg	☼	09/21/16 06:55	09/21/16 19:19	1
PCB-1248	0.50		0.45	0.089	mg/Kg	☼	09/21/16 06:55	09/21/16 19:19	1
PCB-1254	0.42	J	0.45	0.21	mg/Kg	☼	09/21/16 06:55	09/21/16 19:19	1
PCB-1260	ND		0.45	0.21	mg/Kg	☼	09/21/16 06:55	09/21/16 19:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	100		60 - 154	09/21/16 06:55	09/21/16 19:19	1
DCB Decachlorobiphenyl	106		65 - 174	09/21/16 06:55	09/21/16 19:19	1

Client Sample ID: 3B4

Date Collected: 09/14/16 15:00

Date Received: 09/15/16 15:15

Lab Sample ID: 480-106147-22

Matrix: Solid

Percent Solids: 51.7

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.42	0.082	mg/Kg	☼	09/21/16 06:55	09/21/16 19:34	1
PCB-1221	ND		0.42	0.082	mg/Kg	☼	09/21/16 06:55	09/21/16 19:34	1
PCB-1232	ND		0.42	0.082	mg/Kg	☼	09/21/16 06:55	09/21/16 19:34	1
PCB-1242	1.0		0.42	0.082	mg/Kg	☼	09/21/16 06:55	09/21/16 19:34	1
PCB-1248	ND		0.42	0.082	mg/Kg	☼	09/21/16 06:55	09/21/16 19:34	1
PCB-1254	0.47		0.42	0.20	mg/Kg	☼	09/21/16 06:55	09/21/16 19:34	1
PCB-1260	0.24	J	0.42	0.20	mg/Kg	☼	09/21/16 06:55	09/21/16 19:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	100		60 - 154	09/21/16 06:55	09/21/16 19:34	1
DCB Decachlorobiphenyl	104		65 - 174	09/21/16 06:55	09/21/16 19:34	1

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

Client Sample ID: 3B5

Date Collected: 09/14/16 15:00

Date Received: 09/15/16 15:15

Lab Sample ID: 480-106147-23

Matrix: Solid

Percent Solids: 64.9

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.33	0.065	mg/Kg	☼	09/21/16 06:55	09/21/16 19:50	1
PCB-1221	ND		0.33	0.065	mg/Kg	☼	09/21/16 06:55	09/21/16 19:50	1
PCB-1232	ND		0.33	0.065	mg/Kg	☼	09/21/16 06:55	09/21/16 19:50	1
PCB-1242	ND		0.33	0.065	mg/Kg	☼	09/21/16 06:55	09/21/16 19:50	1
PCB-1248	0.16	J	0.33	0.065	mg/Kg	☼	09/21/16 06:55	09/21/16 19:50	1
PCB-1254	ND		0.33	0.15	mg/Kg	☼	09/21/16 06:55	09/21/16 19:50	1
PCB-1260	ND		0.33	0.15	mg/Kg	☼	09/21/16 06:55	09/21/16 19:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	100		60 - 154	09/21/16 06:55	09/21/16 19:50	1
DCB Decachlorobiphenyl	106		65 - 174	09/21/16 06:55	09/21/16 19:50	1

Client Sample ID: 3B6

Date Collected: 09/14/16 15:00

Date Received: 09/15/16 15:15

Lab Sample ID: 480-106147-24

Matrix: Solid

Percent Solids: 41.0

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

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.58	0.11	mg/Kg	☼	09/21/16 06:55	09/21/16 20:06	1
PCB-1221	ND		0.58	0.11	mg/Kg	☼	09/21/16 06:55	09/21/16 20:06	1
PCB-1232	ND		0.58	0.11	mg/Kg	☼	09/21/16 06:55	09/21/16 20:06	1
PCB-1242	ND		0.58	0.11	mg/Kg	☼	09/21/16 06:55	09/21/16 20:06	1
PCB-1248	ND		0.58	0.11	mg/Kg	☼	09/21/16 06:55	09/21/16 20:06	1
PCB-1254	ND		0.58	0.27	mg/Kg	☼	09/21/16 06:55	09/21/16 20:06	1
PCB-1260	ND		0.58	0.27	mg/Kg	☼	09/21/16 06:55	09/21/16 20:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	93		60 - 154	09/21/16 06:55	09/21/16 20:06	1
DCB Decachlorobiphenyl	86		65 - 174	09/21/16 06:55	09/21/16 20:06	1

TestAmerica Buffalo

Surrogate Summary

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

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

Matrix: Waste

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (53-146)	BFB (49-148)	TOL (50-149)	DBFM (60-140)
480-106147-8	1K1	99	94	92	95
480-106147-9	1K2	97	93	92	93
480-106147-10	1K3	93	92	92	83
480-106147-11	1K4	98	94	91	92
480-106147-12	1K5	95	95	93	90
480-106147-13	1K6	94	90	94	87
LCS 480-321600/1-A	Lab Control Sample	95	98	95	97
MB 480-321600/2-A	Method Blank	92	94	96	85

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
LCS 480-322117/4	Lab Control Sample	93	97	95	95
MB 480-322117/6	Method Blank	92	95	96	89

Surrogate Legend

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

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

Matrix: Water

Prep Type: TCLP

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-106147-4	RAIN WATER	95	94	91	91
LB 480-321231/1-A	Method Blank	93	94	93	89
LB 480-321236/1-A	Method Blank	100	93	94	94

Surrogate Legend

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

TestAmerica Buffalo

Surrogate Summary

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX1 (60-154)	DCB1 (65-174)
480-106147-14	3A1	106	117
480-106147-14 MS	3A1	106	104
480-106147-14 MSD	3A1	108	108
480-106147-15	3A2	96	93
480-106147-16	3A3	97	101
480-106147-17	3A4	105	107
480-106147-18	3A5	101	107
480-106147-19	3B1	113	125
480-106147-20	3B2	99	101
480-106147-21	3B3	100	106
480-106147-22	3B4	100	104
480-106147-23	3B5	100	106
480-106147-24	3B6	93	86
LCS 480-321398/2-A	Lab Control Sample	131	142
MB 480-321398/1-A	Method Blank	108	120
Surrogate Legend			
TCX = Tetrachloro-m-xylene			
DCB = DCB Decachlorobiphenyl			

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX1 (39-121)	DCB1 (19-120)
480-106147-4	RAIN WATER	72	27 p
LCS 480-321434/2-A	Lab Control Sample	88	64
LCSD 480-321434/3-A	Lab Control Sample Dup	98	66
MB 480-321434/1-A	Method Blank	93	71
Surrogate Legend			
TCX = Tetrachloro-m-xylene			
DCB = DCB Decachlorobiphenyl			

QC Sample Results

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

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

Lab Sample ID: MB 480-321600/2-A

Matrix: Waste

Analysis Batch: 321840

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 321600

Analyte	MB Result	MB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		99	40	ug/Kg		09/21/16 19:16	09/23/16 01:03	1
2-Butanone (MEK)	ND		500	290	ug/Kg		09/21/16 19:16	09/23/16 01:03	1
Benzene	ND		99	19	ug/Kg		09/21/16 19:16	09/23/16 01:03	1
Carbon tetrachloride	ND		99	25	ug/Kg		09/21/16 19:16	09/23/16 01:03	1
Chlorobenzene	ND		99	13	ug/Kg		09/21/16 19:16	09/23/16 01:03	1
Chloroform	ND		99	68	ug/Kg		09/21/16 19:16	09/23/16 01:03	1
Tetrachloroethene	ND		99	13	ug/Kg		09/21/16 19:16	09/23/16 01:03	1
Trichloroethene	ND		99	28	ug/Kg		09/21/16 19:16	09/23/16 01:03	1
Vinyl chloride	ND		99	33	ug/Kg		09/21/16 19:16	09/23/16 01:03	1
1,1-Dichloroethene	ND		99	34	ug/Kg		09/21/16 19:16	09/23/16 01:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		53 - 146	09/21/16 19:16	09/23/16 01:03	1
4-Bromofluorobenzene (Surr)	94		49 - 148	09/21/16 19:16	09/23/16 01:03	1
Toluene-d8 (Surr)	96		50 - 149	09/21/16 19:16	09/23/16 01:03	1
Dibromofluoromethane (Surr)	85		60 - 140	09/21/16 19:16	09/23/16 01:03	1

Lab Sample ID: LCS 480-321600/1-A

Matrix: Waste

Analysis Batch: 321840

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 321600

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	2420	2400		ug/Kg		99	74 - 127
2-Butanone (MEK)	12100	10300		ug/Kg		85	54 - 149
Benzene	2420	2570		ug/Kg		106	77 - 125
Carbon tetrachloride	2420	2760		ug/Kg		114	54 - 135
Chlorobenzene	2420	2520		ug/Kg		104	76 - 126
Chloroform	2420	2450		ug/Kg		101	78 - 118
Tetrachloroethene	2420	2600		ug/Kg		108	73 - 133
Trichloroethene	2420	2680		ug/Kg		111	75 - 131
Vinyl chloride	2420	2860		ug/Kg		118	59 - 124
1,1-Dichloroethene	2420	2840		ug/Kg		117	48 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		53 - 146
4-Bromofluorobenzene (Surr)	98		49 - 148
Toluene-d8 (Surr)	95		50 - 149
Dibromofluoromethane (Surr)	97		60 - 140

Lab Sample ID: MB 480-322117/6

Matrix: Water

Analysis Batch: 322117

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.0010	0.00021	mg/L			09/24/16 01:07	1
2-Butanone (MEK)	ND		0.0050	0.0013	mg/L			09/24/16 01:07	1
Benzene	ND		0.0010	0.00041	mg/L			09/24/16 01:07	1

TestAmerica Buffalo

QC Sample Results

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

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

Lab Sample ID: MB 480-322117/6

Matrix: Water

Analysis Batch: 322117

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		0.0010	0.00027	mg/L			09/24/16 01:07	1
Chlorobenzene	ND		0.0010	0.00075	mg/L			09/24/16 01:07	1
Chloroform	ND		0.0010	0.00034	mg/L			09/24/16 01:07	1
Tetrachloroethene	ND		0.0010	0.00036	mg/L			09/24/16 01:07	1
Trichloroethene	ND		0.0010	0.00046	mg/L			09/24/16 01:07	1
Vinyl chloride	ND		0.0010	0.00090	mg/L			09/24/16 01:07	1
1,1-Dichloroethene	ND		0.0010	0.00029	mg/L			09/24/16 01:07	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		77 - 120					09/24/16 01:07	1
4-Bromofluorobenzene (Surr)	95		73 - 120					09/24/16 01:07	1
Toluene-d8 (Surr)	96		80 - 120					09/24/16 01:07	1
Dibromofluoromethane (Surr)	89		75 - 123					09/24/16 01:07	1

Lab Sample ID: LCS 480-322117/4

Matrix: Water

Analysis Batch: 322117

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	0.0250	0.0230		mg/L		92	75 - 120
2-Butanone (MEK)	0.125	0.118		mg/L		94	57 - 140
Benzene	0.0250	0.0237		mg/L		95	71 - 124
Carbon tetrachloride	0.0250	0.0261		mg/L		104	72 - 134
Chlorobenzene	0.0250	0.0242		mg/L		97	80 - 120
Chloroform	0.0250	0.0232		mg/L		93	73 - 127
Tetrachloroethene	0.0250	0.0246		mg/L		99	74 - 122
Trichloroethene	0.0250	0.0248		mg/L		99	74 - 123
Vinyl chloride	0.0250	0.0245		mg/L		98	65 - 133
1,1-Dichloroethene	0.0250	0.0244		mg/L		98	66 - 127
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1,2-Dichloroethane-d4 (Surr)	93		77 - 120				
4-Bromofluorobenzene (Surr)	97		73 - 120				
Toluene-d8 (Surr)	95		80 - 120				
Dibromofluoromethane (Surr)	95		75 - 123				

Lab Sample ID: LB 480-321231/1-A

Matrix: Water

Analysis Batch: 322117

Client Sample ID: Method Blank

Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.0010	0.00021	mg/L			09/24/16 02:08	1
2-Butanone (MEK)	ND		0.0050	0.0013	mg/L			09/24/16 02:08	1
Benzene	ND		0.0010	0.00041	mg/L			09/24/16 02:08	1
Carbon tetrachloride	ND		0.0010	0.00027	mg/L			09/24/16 02:08	1
Chlorobenzene	ND		0.0010	0.00075	mg/L			09/24/16 02:08	1
Chloroform	ND		0.0010	0.00034	mg/L			09/24/16 02:08	1
Tetrachloroethene	ND		0.0010	0.00036	mg/L			09/24/16 02:08	1

TestAmerica Buffalo

QC Sample Results

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

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

Lab Sample ID: LB 480-321231/1-A

Matrix: Water

Analysis Batch: 322117

Client Sample ID: Method Blank

Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.0010	0.00046	mg/L			09/24/16 02:08	1
Vinyl chloride	ND		0.0010	0.00090	mg/L			09/24/16 02:08	1
1,1-Dichloroethene	ND		0.0010	0.00029	mg/L			09/24/16 02:08	1
Surrogate	LB %Recovery	LB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		77 - 120					09/24/16 02:08	1
4-Bromofluorobenzene (Surr)	94		73 - 120					09/24/16 02:08	1
Toluene-d8 (Surr)	93		80 - 120					09/24/16 02:08	1
Dibromofluoromethane (Surr)	89		75 - 123					09/24/16 02:08	1

Lab Sample ID: LB 480-321236/1-A

Matrix: Water

Analysis Batch: 322117

Client Sample ID: Method Blank

Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			09/24/16 01:41	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			09/24/16 01:41	10
Benzene	ND		0.010	0.0041	mg/L			09/24/16 01:41	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			09/24/16 01:41	10
Chlorobenzene	ND		0.010	0.0075	mg/L			09/24/16 01:41	10
Chloroform	ND		0.010	0.0034	mg/L			09/24/16 01:41	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			09/24/16 01:41	10
Trichloroethene	ND		0.010	0.0046	mg/L			09/24/16 01:41	10
Vinyl chloride	ND		0.010	0.0090	mg/L			09/24/16 01:41	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			09/24/16 01:41	10
Surrogate	LB %Recovery	LB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120					09/24/16 01:41	10
4-Bromofluorobenzene (Surr)	93		73 - 120					09/24/16 01:41	10
Toluene-d8 (Surr)	94		80 - 120					09/24/16 01:41	10
Dibromofluoromethane (Surr)	94		75 - 123					09/24/16 01:41	10

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

Lab Sample ID: MB 480-321398/1-A

Matrix: Solid

Analysis Batch: 321546

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 321398

Analyte	MB Result	MB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.21	0.040	mg/Kg		09/21/16 06:55	09/21/16 16:24	1
PCB-1221	ND		0.21	0.040	mg/Kg		09/21/16 06:55	09/21/16 16:24	1
PCB-1232	ND		0.21	0.040	mg/Kg		09/21/16 06:55	09/21/16 16:24	1
PCB-1242	ND		0.21	0.040	mg/Kg		09/21/16 06:55	09/21/16 16:24	1
PCB-1248	ND		0.21	0.040	mg/Kg		09/21/16 06:55	09/21/16 16:24	1
PCB-1254	ND		0.21	0.096	mg/Kg		09/21/16 06:55	09/21/16 16:24	1
PCB-1260	ND		0.21	0.096	mg/Kg		09/21/16 06:55	09/21/16 16:24	1

TestAmerica Buffalo

QC Sample Results

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

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

Lab Sample ID: MB 480-321398/1-A
Matrix: Solid
Analysis Batch: 321546

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 321398

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	108		60 - 154	09/21/16 06:55	09/21/16 16:24	1
DCB Decachlorobiphenyl	120		65 - 174	09/21/16 06:55	09/21/16 16:24	1

Lab Sample ID: LCS 480-321398/2-A
Matrix: Solid
Analysis Batch: 321546

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 321398

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	2.09	2.64		mg/Kg		126	51 - 185
PCB-1260	2.09	2.55		mg/Kg		122	61 - 184

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	131		60 - 154
DCB Decachlorobiphenyl	142		65 - 174

Lab Sample ID: 480-106147-14 MS
Matrix: Solid
Analysis Batch: 321546

Client Sample ID: 3A1
Prep Type: Total/NA
Prep Batch: 321398

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		5.63	4.39		mg/Kg	☼	78	50 - 177
PCB-1260	ND		5.63	3.97		mg/Kg	☼	71	33 - 200

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	106		60 - 154
DCB Decachlorobiphenyl	104		65 - 174

Lab Sample ID: 480-106147-14 MSD
Matrix: Solid
Analysis Batch: 321546

Client Sample ID: 3A1
Prep Type: Total/NA
Prep Batch: 321398

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		4.81	4.80		mg/Kg	☼	100	50 - 177	9	50
PCB-1260	ND		4.81	4.26		mg/Kg	☼	88	33 - 200	7	50

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene	108		60 - 154
DCB Decachlorobiphenyl	108		65 - 174

Lab Sample ID: MB 480-321434/1-A
Matrix: Water
Analysis Batch: 321546

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 321434

Analyte	MB Result	MB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		09/21/16 08:13	09/21/16 21:58	1
PCB-1221	ND		0.50	0.18	ug/L		09/21/16 08:13	09/21/16 21:58	1
PCB-1232	ND		0.50	0.18	ug/L		09/21/16 08:13	09/21/16 21:58	1

TestAmerica Buffalo

QC Sample Results

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

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

Lab Sample ID: MB 480-321434/1-A

Matrix: Water

Analysis Batch: 321546

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 321434

Analyte	MB Result	MB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		0.50	0.18	ug/L		09/21/16 08:13	09/21/16 21:58	1
PCB-1248	ND		0.50	0.18	ug/L		09/21/16 08:13	09/21/16 21:58	1
PCB-1254	ND		0.50	0.25	ug/L		09/21/16 08:13	09/21/16 21:58	1
PCB-1260	ND		0.50	0.25	ug/L		09/21/16 08:13	09/21/16 21:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	93		39 - 121	09/21/16 08:13	09/21/16 21:58	1
DCB Decachlorobiphenyl	71		19 - 120	09/21/16 08:13	09/21/16 21:58	1

Lab Sample ID: LCS 480-321434/2-A

Matrix: Water

Analysis Batch: 321546

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 321434

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	4.00	3.77		ug/L		94	62 - 130
PCB-1260	4.00	3.54		ug/L		89	56 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	88		39 - 121
DCB Decachlorobiphenyl	64		19 - 120

Lab Sample ID: LCSD 480-321434/3-A

Matrix: Water

Analysis Batch: 321546

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 321434

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	4.00	4.07		ug/L		102	62 - 130	8	50
PCB-1260	4.00	3.67		ug/L		92	56 - 123	3	50

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene	98		39 - 121
DCB Decachlorobiphenyl	66		19 - 120

Method: 1010A - Ignitability, Pensky-Martens Closed-Cup Method

Lab Sample ID: LCS 480-322272/1

Matrix: Waste

Analysis Batch: 322272

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	80.00		Degrees F		99	97.5 - 102.5

TestAmerica Buffalo

QC Sample Results

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

Method: 1010A - Ignitability, Pensky-Martens Closed-Cup Method (Continued)

Lab Sample ID: 480-106147-8 DU
Matrix: Waste
Analysis Batch: 322272

Client Sample ID: 1K1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Flashpoint	148		154.0		Degrees F		4	10

Lab Sample ID: LCS 480-322684/1
Matrix: Waste
Analysis Batch: 322684

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	80.00		Degrees F		99	97.5 - 102.5

Lab Sample ID: 480-106147-11 DU
Matrix: Waste
Analysis Batch: 322684

Client Sample ID: 1K4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Flashpoint	142		146.0		Degrees F		3	10

Method: 9040C - pH

Lab Sample ID: 480-106147-6 DU
Matrix: Water
Analysis Batch: 322125

Client Sample ID: WW2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
pH	12.5	HF	12.51		SU		0	5

QC Association Summary

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

GC/MS VOA

Leach Batch: 321231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-106147-4	RAIN WATER	TCLP	Water	1311	
LB 480-321231/1-A	Method Blank	TCLP	Water	1311	

Leach Batch: 321236

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 480-321236/1-A	Method Blank	TCLP	Water	1311	

Prep Batch: 321600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-106147-8	1K1	Total/NA	Waste	5035A	
480-106147-9	1K2	Total/NA	Waste	5035A	
480-106147-10	1K3	Total/NA	Waste	5035A	
480-106147-11	1K4	Total/NA	Waste	5035A	
480-106147-12	1K5	Total/NA	Waste	5035A	
480-106147-13	1K6	Total/NA	Waste	5035A	
MB 480-321600/2-A	Method Blank	Total/NA	Waste	5035A	
LCS 480-321600/1-A	Lab Control Sample	Total/NA	Waste	5035A	

Analysis Batch: 321840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-321600/2-A	Method Blank	Total/NA	Waste	8260C	321600
LCS 480-321600/1-A	Lab Control Sample	Total/NA	Waste	8260C	321600

Analysis Batch: 322117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-106147-4	RAIN WATER	TCLP	Water	8260C	321231
LB 480-321231/1-A	Method Blank	TCLP	Water	8260C	321231
LB 480-321236/1-A	Method Blank	TCLP	Water	8260C	321236
MB 480-322117/6	Method Blank	Total/NA	Water	8260C	
LCS 480-322117/4	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 322469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-106147-8	1K1	Total/NA	Waste	8260C	321600
480-106147-9	1K2	Total/NA	Waste	8260C	321600
480-106147-10	1K3	Total/NA	Waste	8260C	321600
480-106147-11	1K4	Total/NA	Waste	8260C	321600
480-106147-12	1K5	Total/NA	Waste	8260C	321600

Analysis Batch: 322570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-106147-13	1K6	Total/NA	Waste	8260C	321600

GC Semi VOA

Prep Batch: 321398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-106147-14	3A1	Total/NA	Solid	3550C	
480-106147-15	3A2	Total/NA	Solid	3550C	
480-106147-16	3A3	Total/NA	Solid	3550C	

TestAmerica Buffalo

QC Association Summary

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

GC Semi VOA (Continued)

Prep Batch: 321398 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-106147-17	3A4	Total/NA	Solid	3550C	
480-106147-18	3A5	Total/NA	Solid	3550C	
480-106147-19	3B1	Total/NA	Solid	3550C	
480-106147-20	3B2	Total/NA	Solid	3550C	
480-106147-21	3B3	Total/NA	Solid	3550C	
480-106147-22	3B4	Total/NA	Solid	3550C	
480-106147-23	3B5	Total/NA	Solid	3550C	
480-106147-24	3B6	Total/NA	Solid	3550C	
MB 480-321398/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-321398/2-A	Lab Control Sample	Total/NA	Solid	3550C	
480-106147-14 MS	3A1	Total/NA	Solid	3550C	
480-106147-14 MSD	3A1	Total/NA	Solid	3550C	

Prep Batch: 321434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-106147-4	RAIN WATER	Total/NA	Water	3510C	
MB 480-321434/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-321434/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-321434/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 321546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-106147-4	RAIN WATER	Total/NA	Water	8082A	321434
480-106147-14	3A1	Total/NA	Solid	8082A	321398
480-106147-15	3A2	Total/NA	Solid	8082A	321398
480-106147-16	3A3	Total/NA	Solid	8082A	321398
480-106147-17	3A4	Total/NA	Solid	8082A	321398
480-106147-18	3A5	Total/NA	Solid	8082A	321398
480-106147-19	3B1	Total/NA	Solid	8082A	321398
480-106147-20	3B2	Total/NA	Solid	8082A	321398
480-106147-21	3B3	Total/NA	Solid	8082A	321398
480-106147-22	3B4	Total/NA	Solid	8082A	321398
480-106147-23	3B5	Total/NA	Solid	8082A	321398
480-106147-24	3B6	Total/NA	Solid	8082A	321398
MB 480-321398/1-A	Method Blank	Total/NA	Solid	8082A	321398
MB 480-321434/1-A	Method Blank	Total/NA	Water	8082A	321434
LCS 480-321398/2-A	Lab Control Sample	Total/NA	Solid	8082A	321398
LCS 480-321434/2-A	Lab Control Sample	Total/NA	Water	8082A	321434
LCSD 480-321434/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	321434
480-106147-14 MS	3A1	Total/NA	Solid	8082A	321398
480-106147-14 MSD	3A1	Total/NA	Solid	8082A	321398

General Chemistry

Analysis Batch: 321314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-106147-5	WW1	Total/NA	Water	9040C	
LCS 480-321314/1	Lab Control Sample	Total/NA	Water	9040C	

TestAmerica Buffalo

QC Association Summary

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

General Chemistry (Continued)

Analysis Batch: 321621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-106147-14	3A1	Total/NA	Solid	Moisture	
480-106147-15	3A2	Total/NA	Solid	Moisture	
480-106147-16	3A3	Total/NA	Solid	Moisture	
480-106147-17	3A4	Total/NA	Solid	Moisture	
480-106147-18	3A5	Total/NA	Solid	Moisture	
480-106147-19	3B1	Total/NA	Solid	Moisture	
480-106147-20	3B2	Total/NA	Solid	Moisture	
480-106147-21	3B3	Total/NA	Solid	Moisture	
480-106147-22	3B4	Total/NA	Solid	Moisture	
480-106147-23	3B5	Total/NA	Solid	Moisture	
480-106147-24	3B6	Total/NA	Solid	Moisture	

Analysis Batch: 322125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-106147-6	WW2	Total/NA	Water	9040C	
480-106147-7	WW3	Total/NA	Water	9040C	
LCS 480-322125/1	Lab Control Sample	Total/NA	Water	9040C	
480-106147-6 DU	WW2	Total/NA	Water	9040C	

Analysis Batch: 322272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-106147-8	1K1	Total/NA	Waste	1010A	
480-106147-9	1K2	Total/NA	Waste	1010A	
LCS 480-322272/1	Lab Control Sample	Total/NA	Waste	1010A	
480-106147-8 DU	1K1	Total/NA	Waste	1010A	

Analysis Batch: 322684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-106147-10	1K3	Total/NA	Waste	1010A	
480-106147-11	1K4	Total/NA	Waste	1010A	
480-106147-12	1K5	Total/NA	Waste	1010A	
480-106147-13	1K6	Total/NA	Waste	1010A	
LCS 480-322684/1	Lab Control Sample	Total/NA	Waste	1010A	
480-106147-11 DU	1K4	Total/NA	Waste	1010A	

Lab Chronicle

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

Client Sample ID: RAIN WATER

Lab Sample ID: 480-106147-4

Date Collected: 09/14/16 15:00

Matrix: Water

Date Received: 09/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			321231	09/20/16 09:29	MAS	TAL BUF
TCLP	Analysis	8260C		1	322117	09/24/16 04:22	JWG	TAL BUF
Total/NA	Prep	3510C			321434	09/21/16 08:13	CPH	TAL BUF
Total/NA	Analysis	8082A		1	321546	09/21/16 22:45	KS	TAL BUF

Client Sample ID: WW1

Lab Sample ID: 480-106147-5

Date Collected: 09/14/16 15:00

Matrix: Water

Date Received: 09/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9040C		1	321314	09/20/16 14:52	KMF	TAL BUF

Client Sample ID: WW2

Lab Sample ID: 480-106147-6

Date Collected: 09/14/16 15:00

Matrix: Water

Date Received: 09/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9040C		1	322125	09/23/16 22:11	DSC	TAL BUF

Client Sample ID: WW3

Lab Sample ID: 480-106147-7

Date Collected: 09/14/16 15:00

Matrix: Water

Date Received: 09/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9040C		1	322125	09/23/16 22:11	DSC	TAL BUF

Client Sample ID: 1K1

Lab Sample ID: 480-106147-8

Date Collected: 09/14/16 15:00

Matrix: Waste

Date Received: 09/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			321600	09/21/16 19:16	SMY	TAL BUF
Total/NA	Analysis	8260C		100	322469	09/27/16 03:32	JWG	TAL BUF
Total/NA	Analysis	1010A		1	322272	09/25/16 13:52	JCL	TAL BUF

Client Sample ID: 1K2

Lab Sample ID: 480-106147-9

Date Collected: 09/14/16 15:00

Matrix: Waste

Date Received: 09/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			321600	09/21/16 19:16	SMY	TAL BUF
Total/NA	Analysis	8260C		20	322469	09/27/16 03:59	JWG	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

Client Sample ID: 1K2

Lab Sample ID: 480-106147-9

Date Collected: 09/14/16 15:00

Matrix: Waste

Date Received: 09/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	1010A		1	322272	09/25/16 13:52	JCL	TAL BUF

Client Sample ID: 1K3

Lab Sample ID: 480-106147-10

Date Collected: 09/14/16 15:00

Matrix: Waste

Date Received: 09/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			321600	09/21/16 19:16	SMY	TAL BUF
Total/NA	Analysis	8260C		1	322469	09/27/16 04:25	JWG	TAL BUF
Total/NA	Analysis	1010A		1	322684	09/27/16 17:14	JCL	TAL BUF

Client Sample ID: 1K4

Lab Sample ID: 480-106147-11

Date Collected: 09/14/16 15:00

Matrix: Waste

Date Received: 09/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			321600	09/21/16 19:16	SMY	TAL BUF
Total/NA	Analysis	8260C		200	322469	09/27/16 04:52	JWG	TAL BUF
Total/NA	Analysis	1010A		1	322684	09/27/16 17:14	JCL	TAL BUF

Client Sample ID: 1K5

Lab Sample ID: 480-106147-12

Date Collected: 09/14/16 15:00

Matrix: Waste

Date Received: 09/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			321600	09/21/16 19:16	SMY	TAL BUF
Total/NA	Analysis	8260C		8	322469	09/27/16 05:19	JWG	TAL BUF
Total/NA	Analysis	1010A		1	322684	09/27/16 17:14	JCL	TAL BUF

Client Sample ID: 1K6

Lab Sample ID: 480-106147-13

Date Collected: 09/14/16 15:00

Matrix: Waste

Date Received: 09/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			321600	09/21/16 19:16	SMY	TAL BUF
Total/NA	Analysis	8260C		1	322570	09/27/16 12:59	NEA	TAL BUF
Total/NA	Analysis	1010A		1	322684	09/27/16 17:14	JCL	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

Client Sample ID: 3A1

Lab Sample ID: 480-106147-14

Date Collected: 09/14/16 15:00

Matrix: Solid

Date Received: 09/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	321621	09/21/16 23:55	CSW	TAL BUF

Client Sample ID: 3A1

Lab Sample ID: 480-106147-14

Date Collected: 09/14/16 15:00

Matrix: Solid

Date Received: 09/15/16 15:15

Percent Solids: 41.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			321398	09/21/16 06:55	CAM	TAL BUF
Total/NA	Analysis	8082A		1	321546	09/21/16 17:28	KS	TAL BUF

Client Sample ID: 3A2

Lab Sample ID: 480-106147-15

Date Collected: 09/14/16 15:00

Matrix: Solid

Date Received: 09/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	321621	09/21/16 23:55	CSW	TAL BUF

Client Sample ID: 3A2

Lab Sample ID: 480-106147-15

Date Collected: 09/14/16 15:00

Matrix: Solid

Date Received: 09/15/16 15:15

Percent Solids: 65.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			321398	09/21/16 06:55	CAM	TAL BUF
Total/NA	Analysis	8082A		1	321546	09/21/16 17:44	KS	TAL BUF

Client Sample ID: 3A3

Lab Sample ID: 480-106147-16

Date Collected: 09/14/16 15:00

Matrix: Solid

Date Received: 09/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	321621	09/21/16 23:55	CSW	TAL BUF

Client Sample ID: 3A3

Lab Sample ID: 480-106147-16

Date Collected: 09/14/16 15:00

Matrix: Solid

Date Received: 09/15/16 15:15

Percent Solids: 58.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			321398	09/21/16 06:55	CAM	TAL BUF
Total/NA	Analysis	8082A		1	321546	09/21/16 18:00	KS	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

Client Sample ID: 3A4

Lab Sample ID: 480-106147-17

Date Collected: 09/14/16 15:00

Matrix: Solid

Date Received: 09/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	321621	09/21/16 23:55	CSW	TAL BUF

Client Sample ID: 3A4

Lab Sample ID: 480-106147-17

Date Collected: 09/14/16 15:00

Matrix: Solid

Date Received: 09/15/16 15:15

Percent Solids: 60.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			321398	09/21/16 06:55	CAM	TAL BUF
Total/NA	Analysis	8082A		1	321546	09/21/16 18:16	KS	TAL BUF

Client Sample ID: 3A5

Lab Sample ID: 480-106147-18

Date Collected: 09/14/16 15:00

Matrix: Solid

Date Received: 09/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	321621	09/21/16 23:55	CSW	TAL BUF

Client Sample ID: 3A5

Lab Sample ID: 480-106147-18

Date Collected: 09/14/16 15:00

Matrix: Solid

Date Received: 09/15/16 15:15

Percent Solids: 60.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			321398	09/21/16 06:55	CAM	TAL BUF
Total/NA	Analysis	8082A		1	321546	09/21/16 18:32	KS	TAL BUF

Client Sample ID: 3B1

Lab Sample ID: 480-106147-19

Date Collected: 09/14/16 15:00

Matrix: Solid

Date Received: 09/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	321621	09/21/16 23:55	CSW	TAL BUF

Client Sample ID: 3B1

Lab Sample ID: 480-106147-19

Date Collected: 09/14/16 15:00

Matrix: Solid

Date Received: 09/15/16 15:15

Percent Solids: 60.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			321398	09/21/16 06:55	CAM	TAL BUF
Total/NA	Analysis	8082A		1	321546	09/21/16 18:48	KS	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

Client Sample ID: 3B2

Lab Sample ID: 480-106147-20

Date Collected: 09/14/16 15:00

Matrix: Solid

Date Received: 09/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	321621	09/21/16 23:55	CSW	TAL BUF

Client Sample ID: 3B2

Lab Sample ID: 480-106147-20

Date Collected: 09/14/16 15:00

Matrix: Solid

Date Received: 09/15/16 15:15

Percent Solids: 63.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			321398	09/21/16 06:55	CAM	TAL BUF
Total/NA	Analysis	8082A		1	321546	09/21/16 19:03	KS	TAL BUF

Client Sample ID: 3B3

Lab Sample ID: 480-106147-21

Date Collected: 09/14/16 15:00

Matrix: Solid

Date Received: 09/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	321621	09/21/16 23:55	CSW	TAL BUF

Client Sample ID: 3B3

Lab Sample ID: 480-106147-21

Date Collected: 09/14/16 15:00

Matrix: Solid

Date Received: 09/15/16 15:15

Percent Solids: 49.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			321398	09/21/16 06:55	CAM	TAL BUF
Total/NA	Analysis	8082A		1	321546	09/21/16 19:19	KS	TAL BUF

Client Sample ID: 3B4

Lab Sample ID: 480-106147-22

Date Collected: 09/14/16 15:00

Matrix: Solid

Date Received: 09/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	321621	09/21/16 23:55	CSW	TAL BUF

Client Sample ID: 3B4

Lab Sample ID: 480-106147-22

Date Collected: 09/14/16 15:00

Matrix: Solid

Date Received: 09/15/16 15:15

Percent Solids: 51.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			321398	09/21/16 06:55	CAM	TAL BUF
Total/NA	Analysis	8082A		1	321546	09/21/16 19:34	KS	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

Client Sample ID: 3B5

Lab Sample ID: 480-106147-23

Date Collected: 09/14/16 15:00

Matrix: Solid

Date Received: 09/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	321621	09/21/16 23:55	CSW	TAL BUF

Client Sample ID: 3B5

Lab Sample ID: 480-106147-23

Date Collected: 09/14/16 15:00

Matrix: Solid

Date Received: 09/15/16 15:15

Percent Solids: 64.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			321398	09/21/16 06:55	CAM	TAL BUF
Total/NA	Analysis	8082A		1	321546	09/21/16 19:50	KS	TAL BUF

Client Sample ID: 3B6

Lab Sample ID: 480-106147-24

Date Collected: 09/14/16 15:00

Matrix: Solid

Date Received: 09/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	321621	09/21/16 23:55	CSW	TAL BUF

Client Sample ID: 3B6

Lab Sample ID: 480-106147-24

Date Collected: 09/14/16 15:00

Matrix: Solid

Date Received: 09/15/16 15:15

Percent Solids: 41.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			321398	09/21/16 06:55	CAM	TAL BUF
Total/NA	Analysis	8082A		1	321546	09/21/16 20:06	KS	TAL BUF

Laboratory References:

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

Certification Summary

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

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	03-31-17

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

Analysis Method	Prep Method	Matrix	Analyte
9040C		Water	pH
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
1010A	Ignitability, Pensky-Martens Closed-Cup Method	SW846	TAL BUF
9040C	pH	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: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-106147-4	RAIN WATER	Water	09/14/16 15:00	09/15/16 15:15
480-106147-5	WW1	Water	09/14/16 15:00	09/15/16 15:15
480-106147-6	WW2	Water	09/14/16 15:00	09/15/16 15:15
480-106147-7	WW3	Water	09/14/16 15:00	09/15/16 15:15
480-106147-8	1K1	Waste	09/14/16 15:00	09/15/16 15:15
480-106147-9	1K2	Waste	09/14/16 15:00	09/15/16 15:15
480-106147-10	1K3	Waste	09/14/16 15:00	09/15/16 15:15
480-106147-11	1K4	Waste	09/14/16 15:00	09/15/16 15:15
480-106147-12	1K5	Waste	09/14/16 15:00	09/15/16 15:15
480-106147-13	1K6	Waste	09/14/16 15:00	09/15/16 15:15
480-106147-14	3A1	Solid	09/14/16 15:00	09/15/16 15:15
480-106147-15	3A2	Solid	09/14/16 15:00	09/15/16 15:15
480-106147-16	3A3	Solid	09/14/16 15:00	09/15/16 15:15
480-106147-17	3A4	Solid	09/14/16 15:00	09/15/16 15:15
480-106147-18	3A5	Solid	09/14/16 15:00	09/15/16 15:15
480-106147-19	3B1	Solid	09/14/16 15:00	09/15/16 15:15
480-106147-20	3B2	Solid	09/14/16 15:00	09/15/16 15:15
480-106147-21	3B3	Solid	09/14/16 15:00	09/15/16 15:15
480-106147-22	3B4	Solid	09/14/16 15:00	09/15/16 15:15
480-106147-23	3B5	Solid	09/14/16 15:00	09/15/16 15:15
480-106147-24	3B6	Solid	09/14/16 15:00	09/15/16 15:15

Chain of Custody Record

Temperature on Receipt _____

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client Vicolia / Spectra Env,		Project Manager Michelle Vinson		Date	Chain of Custody Number 293673
Address 4400 River Rd.		Telephone Number (Area Code)/Fax Number 716-998-9581		Lab Number	Page 1 of 1
City Tonawanda	State NY	Zip Code 14150	Site Contact	Lab Contact	Analysis (Attach list if more space is needed)
Project Name and Location (State) Spectra - Syracuse NY			Carrier/Waybill Number		
Contract/Purchase Order/Quote No.					



480-106147 COC

ns/
eipt

Contract/Purchase Order/Quote No.			Matrix				Containers & Preservatives						flash				PH				PCB's				VOC--				480-106147 COC																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

Possible Hazard Identification			Sample Disposal			(A fee may be assessed if samples are retained longer than 1 month)		
☐ Non-Hazard	☐ Flammable	☐ Skin Irritant	☐ Poison B	☐ Unknown	☐ Return To Client	☐ Disposal By Lab	☐ Archive For _____ Months	
Turn Around Time Required			QC Requirements (Specify)					
☐ 24 Hours	☐ 48 Hours	☐ 7 Days	☒ 14 Days	☐ 21 Days	☐ Other _____			
1. Relinquished By Mark K...			Date 9/14/16 Time 3:15 PM			1. Received By [Signature]		
2. Relinquished By			Date			2. Received By		
3. Relinquished By			Date			3. Received By		
Comments								

Temp 51.0#1

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



Login Sample Receipt Checklist

Client: Veolia Environmental Services

Job Number: 480-106147-1

Login Number: 106147

List Source: TestAmerica Buffalo

List Number: 1

Creator: Kolb, Chris 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.	False	Sample Id's do not reflect ID's on the received bottles
Is the Field Sampler's name present on COC?	False	
There are no discrepancies between the sample IDs on the containers and the COC.	False	No: IDs on containers do not match the COC. Logged in per COC.
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	False	
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	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-106147-2

Client Project/Site: Spectra - Syracuse NY

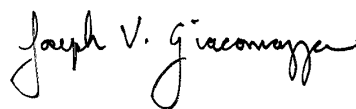
For:

Veolia Environmental Services

4400 River Road

Tonawanda, New York 14150

Attn: Frank Waclawek



Authorized for release by:

10/10/2016 9:36:33 AM

Joe Giacomazza, Project Management Assistant II

joe.giacomazza@testamericainc.com

Designee for

Judy Stone, Senior Project Manager

(484)685-0868

judy.stone@testamericainc.com

LINKS

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www.testamericainc.com

The test results in this report meet all 2003 NELAP and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-2

Qualifiers

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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)

Case Narrative

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-2

Job ID: 480-106147-2

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-106147-2

Receipt

The samples were received on 9/15/2016 3:15 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.0° C.

Receipt Exceptions

The container labels for the received samples did not match the information listed on the Chain-of-Custody (COC). The logged sample identifications were provided to the laboratory by the field sampling crew. The COC reflects the date of sample collection, sample relinquishment and sample receipt.

The following samples were activated for pH analysis by the client on 10/5/16: 3A1 (480-106147-14), 3A2 (480-106147-15), 3A3 (480-106147-16), 3A4 (480-106147-17), 3A5 (480-106147-18), 3B1 (480-106147-19), 3B2 (480-106147-20), 3B4 (480-106147-22), 3B5 (480-106147-23) and 3B6 (480-106147-24). This analysis was not originally requested on the chain-of-custody (COC).

General Chemistry

Method(s) 9045D: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: 3A2 (480-106147-15), 3A3 (480-106147-16), 3A4 (480-106147-17), 3B1 (480-106147-19) and 3B2 (480-106147-20).

Method(s) 9045D: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: 3A5 (480-106147-18).

Method(s) 9045D: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: 3A1 (480-106147-14), 3B3 (480-106147-21), 3B4 (480-106147-22), 3B5 (480-106147-23) and 3B6 (480-106147-24).

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

Detection Summary

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-2

Client Sample ID: 3A1

Lab Sample ID: 480-106147-14

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
pH	11.7	HF	0.1	0.1	SU	1		9045D	Total/NA

Client Sample ID: 3A2

Lab Sample ID: 480-106147-15

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
pH	8.0	HF	0.1	0.1	SU	1		9045D	Total/NA

Client Sample ID: 3A3

Lab Sample ID: 480-106147-16

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
pH	9.1	HF	0.1	0.1	SU	1		9045D	Total/NA

Client Sample ID: 3A4

Lab Sample ID: 480-106147-17

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
pH	10	HF	0.1	0.1	SU	1		9045D	Total/NA

Client Sample ID: 3A5

Lab Sample ID: 480-106147-18

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
pH	10.2	HF	0.1	0.1	SU	1		9045D	Total/NA

Client Sample ID: 3B1

Lab Sample ID: 480-106147-19

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
pH	9.7	HF	0.1	0.1	SU	1		9045D	Total/NA

Client Sample ID: 3B2

Lab Sample ID: 480-106147-20

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
pH	9.0	HF	0.1	0.1	SU	1		9045D	Total/NA

Client Sample ID: 3B3

Lab Sample ID: 480-106147-21

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
pH	11.9	HF	0.1	0.1	SU	1		9045D	Total/NA

Client Sample ID: 3B4

Lab Sample ID: 480-106147-22

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
pH	11.7	HF	0.1	0.1	SU	1		9045D	Total/NA

Client Sample ID: 3B5

Lab Sample ID: 480-106147-23

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
pH	10.2	HF	0.1	0.1	SU	1		9045D	Total/NA

Client Sample ID: 3B6

Lab Sample ID: 480-106147-24

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-2

Client Sample ID: 3B6 (Continued)

Lab Sample ID: 480-106147-24

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
pH	12.3	HF	0.1	0.1	SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-2

Client Sample ID: 3A1

Date Collected: 09/14/16 15:00

Date Received: 09/15/16 15:15

Lab Sample ID: 480-106147-14

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
pH	11.7	HF	0.1	0.1	SU			10/05/16 18:20	1

Client Sample ID: 3A2

Date Collected: 09/14/16 15:00

Date Received: 09/15/16 15:15

Lab Sample ID: 480-106147-15

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.0	HF	0.1	0.1	SU			10/05/16 18:20	1

Client Sample ID: 3A3

Date Collected: 09/14/16 15:00

Date Received: 09/15/16 15:15

Lab Sample ID: 480-106147-16

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
pH	9.1	HF	0.1	0.1	SU			10/05/16 18:20	1

Client Sample ID: 3A4

Date Collected: 09/14/16 15:00

Date Received: 09/15/16 15:15

Lab Sample ID: 480-106147-17

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
pH	10	HF	0.1	0.1	SU			10/05/16 18:20	1

Client Sample ID: 3A5

Date Collected: 09/14/16 15:00

Date Received: 09/15/16 15:15

Lab Sample ID: 480-106147-18

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
pH	10.2	HF	0.1	0.1	SU			10/06/16 17:55	1

Client Sample ID: 3B1

Date Collected: 09/14/16 15:00

Date Received: 09/15/16 15:15

Lab Sample ID: 480-106147-19

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
pH	9.7	HF	0.1	0.1	SU			10/05/16 18:20	1

Client Sample ID: 3B2

Date Collected: 09/14/16 15:00

Date Received: 09/15/16 15:15

Lab Sample ID: 480-106147-20

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
pH	9.0	HF	0.1	0.1	SU			10/05/16 18:20	1

TestAmerica Buffalo

Client Sample Results

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-2

Client Sample ID: 3B3

Date Collected: 09/14/16 15:00

Date Received: 09/15/16 15:15

Lab Sample ID: 480-106147-21

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
pH	11.9	HF	0.1	0.1	SU	—		10/05/16 18:20	1

Client Sample ID: 3B4

Date Collected: 09/14/16 15:00

Date Received: 09/15/16 15:15

Lab Sample ID: 480-106147-22

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
pH	11.7	HF	0.1	0.1	SU	—		10/05/16 18:20	1

Client Sample ID: 3B5

Date Collected: 09/14/16 15:00

Date Received: 09/15/16 15:15

Lab Sample ID: 480-106147-23

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
pH	10.2	HF	0.1	0.1	SU	—		10/05/16 18:20	1

Client Sample ID: 3B6

Date Collected: 09/14/16 15:00

Date Received: 09/15/16 15:15

Lab Sample ID: 480-106147-24

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
pH	12.3	HF	0.1	0.1	SU	—		10/05/16 18:20	1

QC Sample Results

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-2

Method: 9045D - pH

Lab Sample ID: LCS 480-324020/1
Matrix: Solid
Analysis Batch: 324020

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.0		SU		100	99 - 101

Lab Sample ID: LCS 480-324028/1
Matrix: Solid
Analysis Batch: 324028

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	10.0	10.0		SU		100	99 - 101

Lab Sample ID: 480-106147-14 DU
Matrix: Solid
Analysis Batch: 324028

Client Sample ID: 3A1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	11.7	HF	11.7		SU		0	5

Lab Sample ID: LCS 480-324255/1
Matrix: Solid
Analysis Batch: 324255

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	10.0	10.1		SU		101	99 - 101

Lab Sample ID: 480-106147-18 DU
Matrix: Solid
Analysis Batch: 324255

Client Sample ID: 3A5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	10.2	HF	10.2		SU		0.3	5

QC Association Summary

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-2

General Chemistry

Analysis Batch: 324020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-106147-15	3A2	Total/NA	Solid	9045D	
480-106147-16	3A3	Total/NA	Solid	9045D	
480-106147-17	3A4	Total/NA	Solid	9045D	
480-106147-19	3B1	Total/NA	Solid	9045D	
480-106147-20	3B2	Total/NA	Solid	9045D	
LCS 480-324020/1	Lab Control Sample	Total/NA	Solid	9045D	

Analysis Batch: 324028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-106147-14	3A1	Total/NA	Solid	9045D	
480-106147-21	3B3	Total/NA	Solid	9045D	
480-106147-22	3B4	Total/NA	Solid	9045D	
480-106147-23	3B5	Total/NA	Solid	9045D	
480-106147-24	3B6	Total/NA	Solid	9045D	
LCS 480-324028/1	Lab Control Sample	Total/NA	Solid	9045D	
480-106147-14 DU	3A1	Total/NA	Solid	9045D	

Analysis Batch: 324255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-106147-18	3A5	Total/NA	Solid	9045D	
LCS 480-324255/1	Lab Control Sample	Total/NA	Solid	9045D	
480-106147-18 DU	3A5	Total/NA	Solid	9045D	

Lab Chronicle

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-2

Client Sample ID: 3A1

Date Collected: 09/14/16 15:00

Date Received: 09/15/16 15:15

Lab Sample ID: 480-106147-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9045D		1	324028	10/05/16 18:20	DJS	TAL BUF

Client Sample ID: 3A2

Date Collected: 09/14/16 15:00

Date Received: 09/15/16 15:15

Lab Sample ID: 480-106147-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9045D		1	324020	10/05/16 18:20	DJS	TAL BUF

Client Sample ID: 3A3

Date Collected: 09/14/16 15:00

Date Received: 09/15/16 15:15

Lab Sample ID: 480-106147-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9045D		1	324020	10/05/16 18:20	DJS	TAL BUF

Client Sample ID: 3A4

Date Collected: 09/14/16 15:00

Date Received: 09/15/16 15:15

Lab Sample ID: 480-106147-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9045D		1	324020	10/05/16 18:20	DJS	TAL BUF

Client Sample ID: 3A5

Date Collected: 09/14/16 15:00

Date Received: 09/15/16 15:15

Lab Sample ID: 480-106147-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9045D		1	324255	10/06/16 17:55	DJS	TAL BUF

Client Sample ID: 3B1

Date Collected: 09/14/16 15:00

Date Received: 09/15/16 15:15

Lab Sample ID: 480-106147-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9045D		1	324020	10/05/16 18:20	DJS	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-2

Client Sample ID: 3B2

Lab Sample ID: 480-106147-20

Date Collected: 09/14/16 15:00

Matrix: Solid

Date Received: 09/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9045D		1	324020	10/05/16 18:20	DJS	TAL BUF

Client Sample ID: 3B3

Lab Sample ID: 480-106147-21

Date Collected: 09/14/16 15:00

Matrix: Solid

Date Received: 09/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9045D		1	324028	10/05/16 18:20	DJS	TAL BUF

Client Sample ID: 3B4

Lab Sample ID: 480-106147-22

Date Collected: 09/14/16 15:00

Matrix: Solid

Date Received: 09/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9045D		1	324028	10/05/16 18:20	DJS	TAL BUF

Client Sample ID: 3B5

Lab Sample ID: 480-106147-23

Date Collected: 09/14/16 15:00

Matrix: Solid

Date Received: 09/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9045D		1	324028	10/05/16 18:20	DJS	TAL BUF

Client Sample ID: 3B6

Lab Sample ID: 480-106147-24

Date Collected: 09/14/16 15:00

Matrix: Solid

Date Received: 09/15/16 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9045D		1	324028	10/05/16 18:20	DJS	TAL BUF

Laboratory References:

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

Certification Summary

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-2

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	03-31-17

Analysis Method	Prep Method	Matrix	Analyte
-----------------	-------------	--------	---------

Method Summary

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-2

Method	Method Description	Protocol	Laboratory
9045D	pH	SW846	TAL BUF

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Veolia Environmental Services
Project/Site: Spectra - Syracuse NY

TestAmerica Job ID: 480-106147-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-106147-14	3A1	Solid	09/14/16 15:00	09/15/16 15:15
480-106147-15	3A2	Solid	09/14/16 15:00	09/15/16 15:15
480-106147-16	3A3	Solid	09/14/16 15:00	09/15/16 15:15
480-106147-17	3A4	Solid	09/14/16 15:00	09/15/16 15:15
480-106147-18	3A5	Solid	09/14/16 15:00	09/15/16 15:15
480-106147-19	3B1	Solid	09/14/16 15:00	09/15/16 15:15
480-106147-20	3B2	Solid	09/14/16 15:00	09/15/16 15:15
480-106147-21	3B3	Solid	09/14/16 15:00	09/15/16 15:15
480-106147-22	3B4	Solid	09/14/16 15:00	09/15/16 15:15
480-106147-23	3B5	Solid	09/14/16 15:00	09/15/16 15:15
480-106147-24	3B6	Solid	09/14/16 15:00	09/15/16 15:15

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client Violia / Spectra Env,		Project Manager Michelle Vinson		Date	Chain of Custody Number 293673
Address 4400 River Rd.		Telephone Number (Area Code)/Fax Number 716-998-9581		Lab Number	Page 1 of 1
City Tonawanda	State NY	Zip Code 14150	Site Contact	Lab Contact	Analysis (Attach list if more space is needed)
Project Name and Location (State) Spectra - Syracuse NY			Carrier/Waybill Number		
Contract/Purchase Order/Quote No.					



480-106147 COC

ns/
eipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix				Containers & Preservatives						flash	PH	PCB's	VOC-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
			Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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Possible Hazard Identification			Sample Disposal			(A fee may be assessed if samples are retained longer than 1 month)		
☐ Non-Hazard	☐ Flammable	☐ Skin Irritant	☐ Poison B	☐ Unknown	☐ Return To Client	☐ Disposal By Lab	☐ Archive For _____ Months	
Turn Around Time Required			QC Requirements (Specify)					
☐ 24 Hours	☐ 48 Hours	☐ 7 Days	☒ 14 Days	☐ 21 Days	☐ Other _____			
1. Relinquished By Mark K...			Date 9/14/16 Time 3:15 PM			1. Received By [Signature]		
2. Relinquished By			Date			2. Received By		
3. Relinquished By			Date			3. Received By		
Comments								

Temp 510#1

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



Login Sample Receipt Checklist

Client: Veolia Environmental Services

Job Number: 480-106147-2

Login Number: 106147

List Source: TestAmerica Buffalo

List Number: 1

Creator: Kolb, Chris 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.	False	Sample Id's do not reflect ID's on the received bottles
Is the Field Sampler's name present on COC?	False	
There are no discrepancies between the sample IDs on the containers and the COC.	False	No: IDs on containers do not match the COC. Logged in per COC.
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	False	
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	

ATTACHMENT 3
DRUM AND MISCELLANEOUS WASTE MANIFESTS

GENERATOR	UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYCE503	2. Page 1 of 1	3. Emergency Response Phone (377) 610-0037	4. Manifest Tracking Number 001024496 VES				
	5. Generator's Name and Mailing Address ONONDAGA COUNTY IND DEV AGENCY 800 HIAWATHA BLVD. WEST SYRACUSE, NY 13206				Generator's Site Address (if different than mailing address) SAME					
	Generator's Phone: 6. Transporter 1 Company Name EL DREDGE, INC.				U.S. EPA ID Number PAD014146179					
	7. Transporter 2 Company Name VEOLIA ES TECHNICAL SOLUTIONS				U.S. EPA ID Number WID090032369					
	8. Designated Facility Name and Site Address VEOLIA ES TECHNICAL SOLUTIONS, LLC 4301 INFIRMARY ROAD WEST CARROLLTON, OH 45449				U.S. EPA ID Number OHD092945292					
Facility's Phone: 937 859-6101										
TRANSPORTER	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
			No.	Type						
	X	1. NA1991, COMBUSTIBLE LIQUID, n.e.s. (TRACE - ACETONE), III	8	DM	03600	P	NONE			
	X	2. NA1991, COMBUSTIBLE LIQUID, n.e.s. (TRACE - ACETONE), III	7	DMF	02300	P	NONE			
		3. NON-REGULATED MATERIAL PER 40 & 49 CFR (SAMPLE PIPETS, RACS, PPE)	1	DF	40	P	NONE			
	4. NON-REGULATED MATERIAL PER 40 & 49 CFR (DRILL CUTTINGS & SOIL)	11	DM	09680	P	NONE				
DESIGNATED FACILITY	14. Special Handling Instructions and Additional Information ER Service Contracted by VESTS - **VEOLIA PERMIT# 10-418** NEED CERT OF DISPOSAL** 1) ERG-128 W-60387 A-SERMAFS-S* 2) ERG-128 W-60387 A-SERMAFS-S* 3) W-70664 A-EQM18116DE1 4)									
	15. 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. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
	Generator's/Officer's Printed/Typed Name Consultant Mark Neves				Signature Mark Neves		Month Day Year 12 22 16			
	16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name SEAN HANNES Signature _____ Month Day Year 12 22 16 Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year									
DESIGNATED FACILITY	18. Discrepancy									
	18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection									
	Manifest Reference Number: _____									
	18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____									
	Facility's Phone: _____									
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year										
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1. _____ 2. _____ 3. _____ 4. _____										
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a										
Printed/Typed Name _____ Signature _____ Month Day Year										

GENERATOR'S INITIAL COPY



Container#: YG-2702223999-004

Waste Area:

Manifest Page/Line: 01 / 3

WMP: 070664

Disposal Code: EQE118116DET

PHY State: S

Date Accumulated: 12/22/2016

Gen Drum ID:

Shipping Name: NON-REGULATED MATERIAL PER 40 & 49 CFR, (SAMPLE PIPETS, RAGS, PPE)

No. of Commons: 01

Outer Container: 551H2-DF

Inner Container:

Primary Waste Codes: NONE,B

PCB Serial #:

OOS Date: / /

Total Grms Wt: ~~840~~

SIC: 5093

Source: G12

Form: W113

System: H110

Cubic Ft.: 7.50

Individual Common Weights: ~~400, 400~~ (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL	610	TYVEKS, PPE, PAPER TOWELS, GLASS PIPETS USED IN SAMPLING OIL, ANTIFREEZE, WATER [100%]	NONE, B

Container#: YG-2702223999-001

Waste Area:

Manifest Page/Line: 01 / 4

WMP: 060360

Disposal Code: SRRLFSOLID-NH

PHY State: S

Date Accumulated: 12/22/2016

Gen Drum ID:

Shipping Name: NON-REGULATED MATERIAL PER 40 & 49 CFR, (DRILL CUTTINGS & SOIL)

No. of Commons: 11

Outer Container: 551A2-DM

Inner Container:

Primary Waste Codes: NONE,L

PCB Serial #:

OOS Date: / /

Total Grms Wt: ~~9400~~

SIC: 5093

Source: G19

Form: W409

System: H141

Cubic Ft.: 7.50

Individual Common Weights: ~~400, 400, 400, 400, 400, 400, 400, 400, 400, 400~~ (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL	9600	ARSENIC [6.3B] BARIUM [0.86-0.96M] LEAD [16-25B] CADMIUM [1.3-9.1B] PCB (SHIPMENT BY HIGHWAY) [0-1.7M] DRILL CUTTINGS AND SOIL [100%]	NONE, L



PACKING SUMMARY

Generator Number: 635358
ONONDAGA COUNTY IND. DEV. AGENCY
800 HIAWATHA BLVD. WEST
SYRACUSE, NY 13206

Attn: JOHN CIAMPA
EPA ID: NYCESQG

Manifest Number: 001024498VES
Field System ID: YG
Work Order Number: 2702223999
Date Shipped: 12/22/2016

Container#: YG-2702223999-003 Waste Area: Manifest Page/Line: 01 / 1
WIP: 060387 Disposal Code: SRRMAFS<5" PHY State: L
Date Accumulated: 12/22/2016 Gen Drum ID:
Shipping Name: NA1993, COMBUSTIBLE LIQUID, n.o.s., (TRACE - ACTONE), III
No. of Commons: 8 Outer Container: 851A2-DM Inner Container: SS1A2
Primary Waste Codes: NONE,B PCB Serial #: OOS Date: / /
Total Crms Wt: ~~3600~~ SIC: 5093 Source: G19 Form: W219 System: H061 Cubic Ft.: 11.40
Individual Common Weights: 450, 450, 450, 450, 450, 450, 450, 450, 450, 450, 450, 450 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	85 GAL	3600	ACETONE [0-1M] ARSENIC [0-1.1M] BARIUM [0.16-1.9M] BENZENE [0-48B] CHROMIUM [0-1.3M] LEAD [0.33-1.9M] MERCURY [0-13B] SELENIUM [0-0.45M] CADMIUM [0-0.16M] TETRACHLOROETHENE [0-0.87M] TOLUENE [0.15-6.7M] XYLENE [0-47M] ETHYLBENZENE [0.18-7.9M] OIL/ANTIFREEZE/WATER [100%]	NONE, B

Container#: YG-2702223999-002 Waste Area: Manifest Page/Line: 01 / 2
WIP: 060387 Disposal Code: SRRMAFS<5" PHY State: L
Date Accumulated: 12/22/2016 Gen Drum ID:
Shipping Name: NA1993, COMBUSTIBLE LIQUID, n.o.s., (TRACE - ACTONE), III
No. of Commons: 7 Outer Container: 551A1-DM Inner Container: —
Primary Waste Codes: NONE,B PCB Serial #: OOS Date: / /
Total Crms Wt: ~~2800~~ SIC: 5093 Source: G19 Form: W219 System: H061 Cubic Ft.: 7.50
Individual Common Weights: 400, 400, 400, 400, 400, 400, 400, 400, 400, 400, 400 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL	2800	ACETONE [0-1M] ARSENIC [0-1.1M] BARIUM [0.16-1.9M] BENZENE [0-48B] CHROMIUM [0-1.3M] LEAD [0.33-1.9M] MERCURY [0-13B] SELENIUM [0-0.45M] CADMIUM [0-0.16M] TETRACHLOROETHENE [0-0.87M] TOLUENE [0.15-6.7M] XYLENE [0-47M] ETHYLBENZENE [0.18-7.9M] OIL/ANTIFREEZE/WATER [100%]	NONE, B



Activity Report

JOB NO: 2702223000
BILL DOC NO YG61220289
GENERATOR NO 635359

WO NO: 2702223999
EPA ID: NYCESQG

BILL TO: SPECTRA ENGINEERING, ARCHT.
& SURVEYING, PC
19 BRITISH AMERICAN BLVD.
LATHAM, NY 12110
(518) 782-0882

JOB SITE: ONONDAGA COUNTY IND.DEV.AGENCY
800 HIAWATHA BLVD. WEST
SYRACUSE, NY 13206

CONTACT: JOHN CIAMPA

CONTACT: JOHN CIAMPA

MANIFEST NUMBER(S):

001024496VES

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.			
		12/22/2016	NY2			
DESCRIPTION	# CONT.	CONT./CODE	QTY	UOM	PG/LN	WASTE AREA
Manifest # 001024496VES WIP 60387 / Approval SRRMAFS<5" WASTE AUTO LIQUIDS (OIL/ANTIFREEZE)	8	551A2-DM	360	P	1 / 1	
Manifest # 001024496VES WIP 60387 / Approval SRRMAFS<5" WASTE AUTO LIQUIDS (OIL/ANTIFREEZE)	7	551H2-DM	280	P	1 / 2	
Manifest # 001024496VES WIP 70864 / Approval EQE118118DET SAMPLE PIPETS, RAGS, PPE	1	551H2-DF	40	P	1 / 3	
Manifest # 001024496VES WIP 60380 / Approval SRRLFSOLID-NH DRILL CUTTINGS & SOIL	11	551A2-DM	960	P	1 / 4	

03/5 - 1500

Total Hours: 0

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

1 of 5

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYCESOG		2. Page 1 of 2		3. Emergency Response Phone 877-818-0887		4. Manifest Tracking Number 001024498 VES		
		5. Generator's Name and Mailing Address ORONEAGA COUNTY IND. DEV. AGENCY 800 HIAWATHA BLVD. WEST SYRACUSE, NY 13306		Generator's Site Address (if different than mailing address) SAME						
Generator's Phone:										
6. Transporter 1 Company Name ELDREDGE INC.		U.S. EPA ID Number PAD014146179								
7. Transporter 2 Company Name VEOLIA ES TECHNICAL SOLUTIONS		U.S. EPA ID Number WJD080631369								
8. Designated Facility Name and Site Address WAYNE DISPOSAL INC. 49330 N L-94 SERVICE DRIVE BELLEVILLE, MI 48111		U.S. EPA ID Number MTD048090633								
Facility's Phone: 800 592-5439										
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1	UN3132, POLYCHLORINATED BIPHENYLS, SOLID, 9, III				2 DF		182	E	8004
	2									
	3									
	4									
14. Special Handling Instructions and Additional Information ADDENDUM ATTACHED FOR ADDITIONAL TSCA INFORMATION - ER Service Contracted by VESTS + **VEOLIA PERMIT# NJ-410** NEED CERT OF DISPOSAL** + 1) ERG 171 W-60405 A-L160103WDM										
15. 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. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Offor's Printed/Typed Name Mark Neves					Signature <i>Mark Neves</i>			Month Day Year 12 22 16		
INT'L	16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:									
	Transporter signature (for exports only):									
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials									
	Transporter 1 Printed/Typed Name Samuel...					Signature <i>Samuel...</i>			Month Day Year 12 22 16	
	Transporter 2 Printed/Typed Name					Signature			Month Day Year	
DESIGNATED FACILITY	18. Discrepancy									
	18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection									
	18b. Alternate Facility (or Generator) U.S. EPA ID Number									
	Facility's Phone:									
	18c. Signature of Alternate Facility (or Generator) Month Day Year									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1.		2.		3.		4.				
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a										
Printed/Typed Name					Signature			Month Day Year		

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NYCESQG	22. Page 2 of 2	23. Manifest Tracking Number 001024498VES		
24. Generator's Name ONONDAGA COUNTY IND. DEV. AGENCY						
25. Transporter 3 Company Name FREEHOLD CARTAGE INC				U.S. EPA ID Number NJ0054126154		
26. Transporter 4 Company Name VEOLIA ES TECHNICAL SOLUTIONS				U.S. EPA ID Number NJ0030631260		
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
		No.	Type			
32. Special Handling Instructions and Additional Information (FOR ADDITIONAL TRANSPORTATION INFORMATION ONLY)						
33. Transporter 4 Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____						
34. Transporter 4 Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____						
35. Discrepancy _____						
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) _____ _____						



Activity Report

JOB NO: 2734839000
BILL DOC NO YG61220578
GENERATOR NO 635359

WO NO: 2734839000
EPA ID: NYCESQG

BILL TO: SPECTRA ENGINEERING, ARCHECT.
& SURVEYING, PC
19 BRITISH AMERICAN BLVD.
LATHAM, NY 12110
(518) 782-0882

JOB SITE: ONONDAGA COUNTY IND.DEV.AGENCY
800 HIAWATHA BLVD. WEST
SYRACUSE, NY 13206

CONTACT: JOHN CIAMPA

CONTACT: JOHN CIAMPA

MANIFEST NUMBER(S):

001024498VES

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.			
		12/22/2016	NY2			
DESCRIPTION	# CONT.	CONT./CODE	QTY	UOM	PG/LN	WASTE AREA
Manifest # 001024498VES WIP 60405 / Approval L160103WDI SMALL PCB CAPACITORS/ASBESTOS	2	551A2-DM	182	K	1 / 1	

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

VEOLIA PACKING SLIP

Manifest Order

12/22/2016 12/22/2016 YG 2734839999 001
DATE ACCUMULATED DATE SHIPPED GEN DRUM ID CONTAINER #

ONONDAGA COUNTY IND.DEV.AGENCY
800 HIAWATHA BLVD. WEST

SYRACUSE, NY 13206
EPA # NYCESQG GEN # 635359

GENERATOR - ADDRESS EPA #

UN3432, POLYCHLORINATED BIPHENYLS, SOLID, 9,
III

DOT PROPER SHIPPING NAME

001024498VES

MANIFEST

1 1

PG / LINE

WASTE AREA

L160103WDI

DISPOSAL CODE

60405

W.I.P. #

S/- ERG:171 W:60405

A:L160103WDI

2

- 1 BOOH, L

55142 DR 7.5 cl

ADDITIONAL DESCRIPTION

COMMON DRUMS

EPA CODE

CONTAINER TYPE

UNIT	CONTAINER SIZE	CONT TYPE	FULLNESS	CHEMICAL NAME	INNER CONTAINER ID	WASTE TYPE
------	----------------	-----------	----------	---------------	--------------------	------------

1

55 GAL

DF

182 kg

POLYCHLORINATED BIPHENYLS
(SHIPMENT BY HIGHWAY) [50-250M]
ASBESTOS-CAPACITORS WERE ON THE
GROUND IN A BUILDING THAT IS
CONTAMINATED WITH ASBESTOS
FLOORING/TILES. [0-1%]
SMALL CAPACITORS [100%]

NONE
L

SIC

SOURCE

FORM

SYSTEM

PCB #

PCB DOS Date

5093

G19

W307

H132

YG2734839999001010

12/22/2016

TOTAL WEIGHT

182 K

VES TON

TECHNICAL SUPERVISOR

PAGE 1 OF 1

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYCES00	2. Page 1 of 1	3. Emergency Response Phone (877) 815-0087	4. Manifest Tracking Number 001024500 VES			
5. Generator's Name and Mailing Address ONONDAGA COUNTY IND. DEV. AGENCY 800 HIAWATHA BLVD. WEST SYRACUSE, NY 13206			Generator's Site Address (If different than mailing address) SAME					
Generator's Phone:								
6. Transporter 1 Company Name VEOLIA ES TECHNICAL SOLUTIONS			U.S. EPA ID Number NJ D 0 8 0 6 3 1 3 6 9					
7. Transporter 2 Company Name FREERHOLD CARTAGE INC			U.S. EPA ID Number NJ D 0 5 4 1 2 6 1 5 4					
8. Designated Facility Name and Site Address VEOLIA ES TECHNICAL SOLUTIONS, L.L.C. 4301 INDIANARY ROAD WEST CARROLLTON, OH 43080			U.S. EPA ID Number OH D 0 9 3 9 4 5 2 9 3					
Facility's Phone: 937 430-4101								
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	X	1. NA1993, COMBUSTIBLE LIQUID, n.o.s., (TRACE) ACTONE, III	16	D M	4,800	P	NONE	
	X	2. NA1993, COMBUSTIBLE LIQUID, n.o.s., (TRACE) ACTONE, III	22	D M	6,000	P	NONE	
		3.						
		4.						
14. Special Handling Instructions and Additional Information EN Service Contracted by VESTS - J. **VEOLIA PERMIT NJ-416** NEED CERT OF DISPOSAL** 1) ERG 128 W-60387 A-SERMAFS-5 2) ERG 128 W-60387 A-SERMAFS-5								
15. 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. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offor's Printed/Typed Name Mark Neves		Signature Mark Neves		Month Day Year 12 23 06				
INT'L	16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:							
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials							
	Transporter 1 Printed/Typed Name SEAN CALLIVAN		Signature		Month Day Year 12 22 06			
DESIGNATED FACILITY	Transporter 2 Printed/Typed Name		Signature		Month Day Year			
	18. Discrepancy							
	18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection							
	Manifest Reference Number:							
18b. Alternate Facility (or Generator)		U.S. EPA ID Number						
Facility's Phone:								
18c. Signature of Alternate Facility (or Generator)		Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1.		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name		Signature		Month Day Year				

Activity Report

BILL DOC NO YG61220532
GENERATOR NO 635359

EPA ID: NYCESQG

BILL TO: SPECTRA ENGINEERING, ARCHECT.
& SURVEYING, PC
19 BRITISH AMERICAN BLVD.
LATHAM, NY 12110
(518) 782-0882

JOB SITE: ONONDAGA COUNTY IND.DEV.AGENCY
800 HIAWATHA BLVD. WEST
SYRACUSE, NY 13206

CONTACT: JOHN CIAMPA

CONTACT: JOHN CIAMPA

MANIFEST NUMBER(S):
001024500VES

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERB.
		12/22/2016	NY2

DESCRIPTION	# CONT.	CONT./CODE	QTY	UOM	PG/LN	WASTE AREA
Manifest # 001024500VES WIP 80387 / Approval SRRMAFS<5" WASTE AUTO LIQUIDS (OIL/ANTIFREEZE)	16	851A2-DM	4800	P	1 / 1	
Manifest # 001024500VES WIP 80387 / Approval SRRMAFS<5" WASTE AUTO LIQUIDS (OIL/ANTIFREEZE)	22	551A1-DM	6000	P	1 / 2	

Total Hours: 0

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

1 of 2

VEOLIA PACKING SLIP

Manifest Order

12/22/2016 12/22/2016 YG 2734850000 002
DATE ACCUMULATED DATE SHIPPED GEN DRUM ID CONTAINER #

ONONDAGA COUNTY IND.DEV.AGENCY
600 HIAWATHA BLVD. WEST

SYRACUSE, NY 13206
EPA # NYCESQG GEN # 636359

GENERATOR - ADDRESS EPA #

NA1993, COMBUSTIBLE LIQUID, n.o.s., (TRACE -
ACTONE), III

DOT PROPER SHIPPING NAME

001024500VES

MANIFEST

1 1
PG / LINE

WASTE AREA

SRRMAFS<5"

DISPOSAL CODE

60387

W.I.P. #

LI- ERG:128 W:60387

A:SRRMAFS<5"

- / NONE, B

851A2 DM 11.4 c

ADDITIONAL DESCRIPTION

COMMON DRUMS

EPA CODE

CONTAINER TYPE

UNIT	CONTAINER SIZE	CONT TYPE	FULLNESS	CHEMICAL NAME	INNER CONTAINER ID	WASTE TYPE
------	----------------	-----------	----------	---------------	--------------------	------------

1 35 GAL

4800

ACETONE [0-1M]
ARSENIC [0-1.1M]
BARIUM [0.16-1.9M]
BENZENE [0-46B]
CHROMIUM [0-1.3M]
LEAD [0.33-1.9M]
MERCURY [0-13B]
SELENIUM [0-0.45M]
CADMIUM [0-0.16M]
TETRACHLOROETHENE [0-0.87M]
TOLUENE [0.15-6.7M]
XYLENE [0-47M]
ETHYLBENZENE [0.10-7.9M]
OIL/ANTIFREEZE/WATER [100%]
Common Weights: 1)450 2)450 3)450 4)450
5)450 6)450 7)450 8)450 9)450 10)450 11)450
12)450 13)450 14)450 15)450 16)450 17)450
18)450 19)450 20)450

55 gal

NONE
B

20 COMMON DRUMS

SIC SOURCE FORM SYSTEM PCB # PCB OOS Date
5093 G19 W219 H061
TOTAL WEIGHT 9000 P VES TON
PAGE 1 OF 2

TECHNICAL SUPERVISOR

VEOLIA WASTEWATER TREATMENT SLIP

Manifest Order

12/22/2016 12/22/2016 YG 2734850000 001
DATE ACCUMULATED DATE SHIPPED GEN DRUM ID CONTAINER #

ONONDAGA COUNTY IND.DEV.AGENCY
100 HIAWATHA BLVD. WEST

SYRACUSE, NY 13206
EPA # NYCESQG GEN # 635359

GENERATOR - ADDRESS EPA #

NA1993, COMBUSTIBLE LIQUID, n.o.s., (TRACE -
ACTONE), III

DOT PROPER SHIPPING NAME

001024500VES
MANIFEST

1 2
PG / LINE

WASTE AREA

SRRMAFS<5"
DISPOSAL CODE

60387
W.I.P. #

L/- ERG:128 W:60387
A:SRRMAFS<5"

32

- / NONE, B

551A1 DM 7.5 cl

ADDITIONAL DESCRIPTION

COMMON DRUMS

EPA CODE

CONTAINER TYPE

UNIT	CONTAINER SIZE	CONT TYPE	FULLNESS	CHEMICAL NAME	INNER CONTAINER ID	WASTE TYPE
------	----------------	-----------	----------	---------------	--------------------	------------

1 55 GAL

6000

ACETONE [0-1M]
ARSENIC [0-1.1M]
BARIUM [0.16-1.9M]
BENZENE [0-46B]
CHROMIUM [0-1.3M]
LEAD [0.33-1.9M]
MERCURY [0-13B]
SELENIUM [0-0.45M]
CADMIUM [0-0.16M]
TETRACHLOROETHENE [0-0.87M]
TOLUENE [0.15-6.7M]
XYLENE [0-47M]
ETHYLBENZENE [0.18-7.9M]
OIL/ANTIFREEZE/WATER [100%]
Common Weights: 1)400 2)400 3)400 4)400
5)400 6)400 7)400 8)400 9)400 10)400 11)400
12)400 13)400 14)400 15)400 16)400 17)400
18)400 19)400 20)400 21)400 22)400 23)400
24)400 25)400 26)400 27)400 28)400 29)400
30)400

NONE
B

30 COMMON DRUMS

SIC SOURCE FORM SYSTEM PCB # PCB OOS Date
5093 G19 W219 H061
TOTAL WEIGHT 12600 P VES TON
PAGE 2 OF 2

TECHNICAL SUPERVISOR

Activity Report

JOB NO: 2734850000 WO NO: 2734850000
 BILL DOC NO YG61220532
 GENERATOR NO 635359 EPA ID: NYCESQG

BILL TO: SPECTRA ENGINEERING, ARCHECT.
 & SURVEYING, PC
 19 BRITISH AMERICAN BLVD.
 LATHAM, NY 12110
 (518) 782-0882

JOB SITE: ONONDAGA COUNTY IND.DEV.AGENCY
 800 HIAWATHA BLVD. WEST
 SYRACUSE, NY 13206

CONTACT: JOHN CIAMPA

CONTACT: JOHN CIAMPA

MANIFEST NUMBER(S):
 Non-Disposals

CUSTOMER P.O. NUMBER		PROJECT NUMBER		SHIP DATE		TERR.	
				12/22/2016		NY2	
DESCRIPTION		# CONT.	CONT./CODE	QTY	UOM	PG/LN	WASTE AREA
12/22/2016 Manpwr.- ENVIRONMENTAL SPECIALIST I		1		2@1	HOUR	/	
12/20/2016 Mtrl. - 851A2-85 GAL METAL SALVAGE DRUM (OVERPACK)		13		20	EACH	/	
Material provided for manifest 001024500VES							
12/20/2016 Mtrl. - 551A1 - 55 GAL CLOSED HEAD (17E) METAL		6		30	EACH	/	
Material provided for manifest 001024500VES							
				Total Hours:		2	

Comments:

Signature:

Mark Neves

Print Name:

Consultant for OCIDA Mark Neves

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

SHIPPING DOCUMENT		1. Generator ID Number NYCESOG	2. Page 1 of 2	3. Emergency Response Phone (877) 818-0087	4. Shipping Document Tracking Number ZZ 00441044		
5. Generator's Name and Mailing Address		Generator's Site Address (if different than mailing address)					
ONONDAGA COUNTY IND. DEV. AGENCY 800 HIAWATHA BLVD. WEST SYRACUSE, NY 13206		SAME					
Generator's Phone:							
6. Transporter 1 Company Name ELDREDGE, INC.		U.S. EPA ID Number P A D 0 1 4 1 4 6 1 7 9					
7. Transporter 2 Company Name VEOLIA ES TECHNICAL SOLUTIONS		U.S. EPA ID Number N J D 0 8 0 6 3 1 3 6 9					
8. Designated Facility Name and Site Address KEARNY STEEL CONTAINER CORP 401 SOUTH STREET NEWARK, NJ 07105		U.S. EPA ID Number N J D 9 8 1 1 4 2 7 9 7					
Facility's Phone: 973 597-3589							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Codes
			No.	Type			
		1. EMPTY DRUMS	10	D M	50	P	NONE R
		2.					
		3.					
	4.						
14. Special Handling Instructions and Additional Information ER Service Contracted by VESTS - **VEOLIA PERMIT# NJ-410**NEED CERT OF DISPOSAL** + 1) W:69908 A:KSC-EMPTYDRUM							
15. 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. Mark Neves (Signature) 1 2 2 2 1 6 (Date) Generator's/Offendor's Printed/Typed Name: Mark Neves Signature: Mark Neves Month: 1 Day: 2 Year: 2016							
INT'L	16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
	17. Transporter Acknowledgment of Receipt of Shipment						
TRANSPORTER	Transporter 1 Printed/Typed Name SEAN HANNES (Signature) Sean Gallivan		Signature Sean Gallivan		Month: 1 Day: 2 Year: 2016		
	Transporter 2 Printed/Typed Name		Signature		Month: Day: Year:		
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
	Shipping Document Tracking Number: _____						
	18b. Alternate Facility (or Generator) U.S. EPA ID Number						
	Facility's Phone: _____						
	18c. Signature of Alternate Facility (or Generator) Month: Day: Year:						
	19. Report Management Method Codes (i.e., codes for treatment, disposal, and recycling systems)						
	1.	2.	3.	4.			
	20. Designated Facility Owner or Operator: Certification of receipt of shipment except as noted in Item 18a						
	Printed/Typed Name		Signature		Month: Day: Year:		



GENERATOR / SHIPPER'S INITIAL COPY

VEOLIA PACKING SLIP

Manifest Order

12/22/2016 12/22/2016 YG 2702223998 001
 DATE ACCUMULATED DATE SHIPPED GEN DRUM ID CONTAINER #

ONONDAGA COUNTY IND.DEV.AGENCY
 800 HIAWATHA BLVD. WEST
 SYRACUSE, NY 13206
 EPA # NYCESQG GEN # 635359

GENERATOR - ADDRESS EPA #

EMPTY DRUMS

DOT PROPER SHIPPING NAME

ZZ00441044

MANIFEST

1 1

PG / LINE

WASTE AREA

10

KSC-EMPTYDRUM

DISPOSAL CODE

- / NONE, R

69806

W.I.P. #

101A1 DM 1.36 c

S/- W:69808
 A:KSC-EMPTYDRUM

ADDITIONAL DESCRIPTION

COMMON DRUMS

EPA CODE

CONTAINER TYPE

UNIT	CONTAINER SIZE	CONT TYPE	FULLNESS	CHEMICAL NAME	INNER CONTAINER ID	WASTE TYPE
------	----------------	-----------	----------	---------------	--------------------	------------

1 10 GAL

50

EMPTY DRUMS [100%]
 Common Weights: 1)80 2)80 3)80 4)80 5)80
 6)80 7)80 8)80 9)80 10)80

NONE
 R

10 COMMON DRUMS

SIC SOURCE FORM SYSTEM PCB # PCB OOS Date
 5093 G15 W307 H039
 TOTAL WEIGHT 800 P VES TON
 TECHNICAL SUPERVISOR PAGE 1 OF 1

Activity Report

JOB NO: 2702223000
 BILL DOC NO YG61220289
 GENERATOR NO 635359

WO NO: 2702223999
 EPA ID: NYCESQG

BILL TO: SPECTRA ENGINEERING, ARCHECT.
 & SURVEYING, PC
 19 BRITISH AMERICAN BLVD.
 LATHAM, NY 12110
 (518) 782-0882

JOB SITE: ONONDAGA COUNTY IND.DEV.AGENCY
 800 HIAWATHA BLVD. WEST
 SYRACUSE, NY 13206

CONTACT: JOHN CIAMPA

CONTACT: JOHN CIAMPA

MANIFEST NUMBER(S):
 ZZ00441044

CUSTOMER P.O. NUMBER		PROJECT NUMBER		SHIP DATE		TERR.	
				12/22/2016		NY2	
DESCRIPTION	# CONT.	CONT./CODE	QTY	UOM	PG/LN	WASTE AREA	
Manifest # ZZ00441044 WIP 89808 / Approval KSC-EMPTYDRUM EMPTY DRUMS	10	101A1-DM	50	P	1 / 1		

Total Hours: 0

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

Activity Report

JOB NO: 2702223000
 BILL DOC NO YG61220289
 GENERATOR NO 635369

WO NO: 2702223999
 EPA ID: NYCESQG

BILL TO: SPECTRA ENGINEERING, ARCHECT.
 & SURVEYING, PC
 19 BRITISH AMERICAN BLVD.
 LATHAM, NY 12110
 (518) 782-0882

JOB SITE: ONONDAGA COUNTY IND.DEV.AGENCY
 800 HIAWATHA BLVD. WEST
 SYRACUSE, NY 13206

CONTACT: JOHN CIAMPA

CONTACT: JOHN CIAMPA

MANIFEST NUMBER(S):

Non-Disposals

CUSTOMER P.O. NUMBER		PROJECT NUMBER		SHIP DATE		TERR.	
				12/22/2016		NY2	
DESCRIPTION	# CONT.	CONT./CODE	QTY	UOM	PG/LN	WASTE AREA	
12/20/2016 Mtrl. - 101A1 - 10 GALLON DRUM Material provided for manifest ZZ00441044		1715	10	EACH	/		
12/20/2016 Mtrl. - 551A1 - 55 GAL CLOSED HEAD (17E) METAL Material provided for manifest 001024497VES		6	1	EACH	/		
12/20/2016 Mtrl. - 851A2-85 GAL METAL SALVAGE DRUM (OVERPACK) Material provided for manifest 001024498VES		13	12	EACH	/		
12/20/2016 Mtrl. - 551A1 - 55 GAL CLOSED HEAD (17E) METAL Material provided for manifest 001024498VES		6	12	EACH	/		
12/20/2016 Mtrl. - 551H2-55 GAL OPEN HEAD POLY Material provided for manifest 001024498VES		1017	2	EACH	/		
12/20/2016 Mtrl. - 551A2 - 55 GAL DOT 17H DRUM RECONDITIONED O/T Material provided for manifest 001024498VES		3354	11	EACH	/		

Total Hours: 0

Tom & Sean on site 8:00AM - 3:30PM

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

4 of 5

Activity Report

JOB NO: 2702223000
 BILL DOC NO YG61220289
 GENERATOR NO 635359

WO NO: 2702223999
 EPA ID: NYCESQG

BILL TO: SPECTRA ENGINEERING, ARCHECT.
 & SURVEYING, PC
 19 BRITISH AMERICAN BLVD.
 LATHAM, NY 12110
 (518) 782-0882

JOB SITE: ONONDAGA COUNTY IND.DEV.AGENCY
 800 HIAWATHA BLVD. WEST
 SYRACUSE, NY 13206

CONTACT: JOHN CIAMPA

CONTACT: JOHN CIAMPA

MANIFEST NUMBER(S):
 Non-Disposals

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.
		12/22/2016	NY2

Comments:

Signature: Mark Neues consultant for OCIDA

Print Name: Mark Neues

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number 0106040000		2. Page 1 of 2		3. Emergency Response Phone 977-818-6622		4. Manifest Tracking Number 001024333 VES						
5. Generator's Name and Mailing Address ONTARIO COUNTY INDUSTRY AGENCY 880 MAIN STREET WEST SYRACUSE NY 13206						Generator's Site Address (if different than mailing address) SAME								
Generator's Phone: 315 482-3540														
6. Transporter 1 Company Name ECLAIR TECHNICAL SOLUTIONS						U.S. EPA ID Number M 7 D 0 4 9 0 3 1 0 6 9								
7. Transporter 2 Company Name GREENHOLD CARTAGE INC						U.S. EPA ID Number M 7 D 0 3 4 1 2 8 1 0 4								
8. Designated Facility Name and Site Address ECLAIR TECHNICAL SOLUTIONS 4701 INFIRMARY ROAD WEST CARROLLTON, OH 44092						U.S. EPA ID Number O H D 0 0 9 3 0 4 0 1 8 3 1								
Facility's Phone: 337 952-9101														
GENERATOR	9a. HM		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity		12. Unit Wt./Vol.		13. Waste Codes	
							No. Type							
	X		1. 011995, WASTE ACROSSABLE PLASTIC BAG, MADE FROM EXCEEDING IN CAPACITY, (USE DOT SP 11396), 2.1, LIMITED QUANTITY				1 0 P		1		P		2991	
	X		2. 011995, WASTE ACROSSABLE PLASTIC BAG, 2.1				1 0 P		0.5		P		2991	
	X		3. 011995, WASTE ACROSSABLE PLASTIC BAG, 2.1				1 0 P		1		P		2991	
		4. (Empty)				1 0 M		450		P		2991		
14. Special Handling Instructions and Additional Information 3) EPC 115 10 2553 A. SRRPROPANE SMI 4) EPC 120 W 2553 A. SRRPROPANE SMI														
15. 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. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.														
Generator's/Offor's Printed/Typed Name: <u>X</u> Month: <u>1</u> Day: <u>1</u> Year: <u>2000</u>														
Signature: <u>X</u> Month: <u>1</u> Day: <u>1</u> Year: <u>2000</u>														
INTL	16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____													
	Transporter signature (for exports only): _____													
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials													
	Transporter 1 Printed/Typed Name: _____ Signature: <u>FA</u> Month: <u>1</u> Day: <u>1</u> Year: <u>2000</u>													
Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: <u>1</u> Day: <u>1</u> Year: <u>2000</u>														
DESIGNATED FACILITY	18. Discrepancy													
	18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection													
	18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____													
	Facility's Phone: _____													
	18c. Signature of Alternate Facility (or Generator) _____ Month: <u>1</u> Day: <u>1</u> Year: <u>2000</u>													
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems):														
1. _____				2. _____				3. _____				4. _____		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a														
Printed/Typed Name: _____ Signature: _____ Month: <u>1</u> Day: <u>1</u> Year: <u>2000</u>														

GENERATOR'S INITIAL COPY



Land Disposal Restriction Notification Form

Generator Name ONONDAGA COUNTY IND.DEV.AGENCY

EPA ID Number NYCESQG

Manifest 001024333VES

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

This notice is also being provided in accordance with 6 NYCRR 376.1(g)(1).

Container Number: YU-2711477000-008 (1/ 1)

WIP / Approval Code: 025574 / SRR-AEROSOL
Form Designation / CWA Status: Non-Wastewater / Non-CWA
Waste Codes (Subcategories): D001 (IGNITABLE CHARACTERISTIC WASTE, OTHER THAN LIQUIDS $\geq$ 10% TOC (INCLUDES ALL IGN. GASES, FLAMMABLE SOLIDS & OXIDIZERS)), D035
Constituents (F001 - F005): None
UHCs Present: None
Treatment Requirements: Restricted waste requires treatment to applicable standards.
Additional Notices:

Container Number: YU-2711477000-006 (1/ 2)

WIP / Approval Code: 025584 / SRRPROPANE-MED
Form Designation / CWA Status: Non-Wastewater / Non-CWA
Waste Codes (Subcategories): D001 (IGNITABLE CHARACTERISTIC WASTE, OTHER THAN LIQUIDS $\geq$ 10% TOC (INCLUDES ALL IGN. GASES, FLAMMABLE SOLIDS & OXIDIZERS))
Constituents (F001 - F005): None
UHCs Present: None
Treatment Requirements: Restricted waste requires treatment to applicable standards.
Additional Notices:

Container Number: YU-2711477000-007 (1/ 3)

WIP / Approval Code: 025584 / SRRPROPANE-SML
Form Designation / CWA Status: Non-Wastewater / Non-CWA
Waste Codes (Subcategories): D001 (IGNITABLE CHARACTERISTIC WASTE, OTHER THAN LIQUIDS $\geq$ 10% TOC (INCLUDES ALL IGN. GASES, FLAMMABLE SOLIDS & OXIDIZERS))
Constituents (F001 - F005): None
UHCs Present: None
Treatment Requirements: Restricted waste requires treatment to applicable standards.
Additional Notices:

Container Number: YU-2711477000-003 (1/ 4)

WIP / Approval Code: 025585 / SRRPAINTCANS
Form Designation / CWA Status: Non-Wastewater / Non-CWA
Waste Codes (Subcategories): D001 (IGNITABLE CHARACTERISTIC WASTE, LIQUIDS $\geq$ 10% TOC PER 261.2 1(a)(1)), D035
Constituents (F001 - F005): None



UHCs Present: None
Treatment Requirements: Restricted waste requires treatment to applicable standards.
Additional Notices:

Container Number: YU-2711477000-004 (2/ 5)

WIP / Approval Code: 025601 / SRRSRLPCONSOL
Form Designation / CWA Status: Non-Wastewater / Non-CWA
Waste Codes (Subcategories): D001 (IGNITABLE CHARACTERISTIC WASTE, LIQUIDS >= 10% TOC PER 261.2 1(a)(1))
Constituents (F001 - F005): None
UHCs Present: Not Applicable
Treatment Requirements: Restricted waste requires treatment to applicable standards.
Additional Notices:

Container Number: YU-2711477000-005 (2/ 6)

WIP / Approval Code: 025601 / SRRSRLPCONSOL
Form Designation / CWA Status: Non-Wastewater / Non-CWA
Waste Codes (Subcategories): D002
Constituents (F001 - F005): None
UHCs Present: None
Treatment Requirements: Restricted waste requires treatment to applicable standards.
Additional Notices:

I hereby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

Signature

Mark Ruc on Behalf of OCIDA

Title

Date

1-16-17



PACKING SUMMARY

Generator Number: 635359
ONONDAGA COUNTY IND.DEV.AGENCY
800 HIAWATHA BLVD. WEST
SYRACUSE, NY 13206

Attn: MARK NEVES
EPA ID:NYCESQG

Manifest Number: 001024333VES
Field System ID: YU
Work Order Number: 2711477000
Date Shipped: 01/18/2017

Container#: YU-2711477000-009 Waste Area: Manifest Page/Line: 01 / 1

WMP: 025574 DisposalCode: SRR-AEROSOL PHY State: L

Date Accumulated: 01/18/2017 Gen Drum ID:

Shipping Name: UN1950, WASTE AEROSOLS, FLAMMABLE,(EACH NOT EXCEEDING 1L CAPACITY), (USE DOT-SP 11396),
2.1, LIMITED QUANTITY

No. of Commons: 01 Outer Container: 021H2-DF Inner Container:

Primary Waste Codes: D001,D035,B PCB Serial #: OOS Date: / /

Total Crms Wt: 1 SIC: 5093 Source: G11 Form: W801 System: H141 Cubic Ft.: 0.28

Individual Common Weights: 1 @ 1 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	2 GAL		AEROSOLS (VARIOUS): PAINTS, PRIMERS, COATINGS, ADHESIVES, CLEANERS, LUBRICANTS, INSECTICIDES, CONTAINING ALIPHATIC & AROMATIC HYDROCARBON SOLVENTS: TOLUENE, XYLENE, MEK, [100%] CONTINUED: ALCOHOLS, ACETATES, PETROLEUM DISTILLATES, MINERAL SPIRITS, METHYLENE CHLORIDE, PROPANE, BUTANES, ETC... ** (SIZES: 4-OZ TO 24-OZ)** [100%]	D001, D035, B

Container#: YU-2711477000-006 Waste Area: Manifest Page/Line: 01 / 2

WMP: 025584 DisposalCode: SRRPROPANE-MED PHY State: G

Date Accumulated: 01/18/2017 Gen Drum ID:

Shipping Name: UN1978, WASTE PROPANE, 2.1

No. of Commons: 01 Outer Container: 551H2-DF Inner Container:

Primary Waste Codes: D001,B PCB Serial #: OOS Date: / /

Total Crms Wt: 65 SIC: 5093 Source: G11 Form: W801 System: H141 Cubic Ft.: 7.50

Individual Common Weights: 1 @ 65 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
2	40LB	METAL	THIN WALLED PROPANE CYLINDERS [100%]	D001, B

Manifest Number: 001024333VES

Work Order Number: 2711477000

Page 1 of 4



Container#: YU-2711477000-007

Waste Area:

Manifest Page/Line: 01 / 3

WIP: 025584

DisposalCode: SRRPROPANE-SML

PHY State: G

Date Accumulated: 01/16/2017

Gen Drum ID:

Shipping Name: UN1978, WASTE PROPANE, 2.1

No. of Commons: 01

Outer Container: 051G-DF

Inner Container:

Primary Waste Codes: D001,B

PCB Serial #:

OOS Date: / /

Total Crms Wt: 1

SIC: 5093

Source: G11

Form: W601

System: H141

Cubic Ft.: 0.88

Individual Common Weights: 1 @ 1 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	5 GAL		THIN WALLED PROPANE CYLINDERS [100%]	D001, B

Container#: YU-2711477000-003

Waste Area:

Manifest Page/Line: 01 / 4

WIP: 025585

DisposalCode: SRRPAINTCANS

PHY State: S

Date Accumulated: 01/16/2017

Gen Drum ID:

Shipping Name: UN1283, WASTE PAINT RELATED MATERIAL, 3, III, RQ (D001)

No. of Commons: 01

Outer Container: 851A2-DM

Inner Container:

Primary Waste Codes: D001,D035,B

PCB Serial #:

OOS Date: / /

Total Crms Wt: 450

SIC: 5093

Source: G11

Form: W209

System: H061

Cubic Ft.: 11.40

Individual Common Weights: 1 @ 450 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
19	VARIOUS	METAL	EMPTY PAINT CANS/PAIS W/ RESIDUAL PAINT 90-95% [90-95%] SPEEDI DRY 1-5% [1-5%] PAINT CONTAINS: TOLUENE, XYLENE, MINERAL SPIRITS ETC.. [1-5%] TYVEK, GLOVES, TAPE, PAPER, PLASTIC [1-5%] PAINT CANS 8OZ-5GAL	D001, D035
2	5GAL	POLY	EMPTY PAINT CANS/PAIS W/ RESIDUAL PAINT 90-95% [90-95%] SPEEDI DRY 1-5% [1-5%] PAINT CONTAINS: TOLUENE, XYLENE, MINERAL SPIRITS ETC.. [1-5%] TYVEK, GLOVES, TAPE, PAPER, PLASTIC [1-5%] PAINT CANS 8OZ-5GAL	D001, D035, B

Container#: YU-2711477000-004

Waste Area:

Manifest Page/Line: 02 / 5

WIP: 025801

DisposalCode: SRRSRLPCONSOL

PHY State: L

Date Accumulated: 01/16/2017

Gen Drum ID:

Shipping Name: UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., 3, III

No. of Commons: 01

Outer Container: 551A2-DM

Inner Container:

Primary Waste Codes: D001,B

PCB Serial #:

OOS Date: / /

Total Crms Wt: 59

SIC: 5093

Source: G11

Form: W001

System: HB

Cubic Ft.: 7.50

Individual Common Weights: 1 @ 59 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	5GAL	METAL	TAR CONTAINS MINERAL SPIRITS	D001
2	5GAL	METAL	KEROSENE	D001
2	1PT	POLY	KEROSENE	D001

Manifest Number: 001024333VES

Work Order Number: 2711477000

Page 2 of 4



1	1GAL	POLY	MINERAL SPIRITS	D001
3	12OZ	POLY	CLM 50MULTI STAGE LUBRICATING PENETRATING SPRAY CONTAINS PETROLEUM DISTILLATES	D001
1	1GAL	POLY	PAINT THINNER	D001, B
1	1GAL	POLY	SUN KLEEN CITRUS DEGREASER CONTAINS CITRUS TERPENES	D001

Container#: YU-2711477000-005 Waste Area: Manifest Page/Line: 02 / 6

WIP: 025001 Disposal Code: SRRSRLPCONSOL PHY State: L

Date Accumulated: 01/18/2017 Gen Drum ID:

Shipping Name: UN3287, WASTE CORROSIVE LIQUID, BASIC, ORGANIC, n.o.s., 8, II

No. of Commons: 01 Outer Container: 551A2-DM Inner Container:

Primary Waste Codes: D002,B PCB Serial #: OOS Date: / /

Total Crms Wt: 78 SIC: 5093 Source: G11 Form: W001 System: HB Cubic Ft.: 7.50

Individual Common Weights: 1 @ 78 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
2	5GAL	POLY	STEAM CLEANER CONTAINS SODIUM METASILICATE, ANHYDROUS POTASSIUM HYDROXIDE SOLUTION (5-10%) SURFACTANTS	D002, B
1	5GAL	POLY	PURPLE POWER CONTAINS SODIUM SILICATE SOLUTION EDTA TETRASODIUM SURFACTANTS	D002
1	1QT	POLY	PURPLE POWER CONTAINS SODIUM SILICATE SOLUTION EDTA TETRASODIUM SURFACTANTS	D002
1	5LB	POLY	SODIUM BICARBONATE	NONE
1	1QT	POLY	GLASS CLEANER CONTAINS AMMONIA SOLUTION (CONTAINING LESS THAN 10% AMMONIA)	D002
2	1PT	METAL	HARDENER CONTAINS POLYAMINES	NONE

Container#: YU-2711477000-001 Waste Area: Manifest Page/Line: 02 / 7

WIP: 060387 Disposal Code: SRRMADPKNR PHY State: L

Date Accumulated: 01/18/2017 Gen Drum ID:

Shipping Name: NA1993, COMBUSTIBLE LIQUID, n.o.s., (TRACE - ACETONE), III

No. of Commons: 01 Outer Container: 851A2-DM Inner Container:

Primary Waste Codes: NONE PCB Serial #: OOS Date: / /

Total Crms Wt: 450 SIC: 5093 Source: G10 Form: W210 System: H061 Cubic Ft.: 11.40

Individual Common Weights: 1 @ 450 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
24	VARIOUS	POLY	ACETONE [0-1M] ARSENIC [0-1.1M] BARIUM [0.16-1.9M] BENZENE [0-466] CHROMIUM [0-1.3M] LEAD [0.33-1.9M] MERCURY [0-135] SELENIUM [0-0.45M] CADMIUM [0-0.18M] TETRACHLOROETHENE [0-0.87M] TOLUENE [0.15-6.7M] XYLENE [0-47M] ETHYLBENZENE [0.18-7.9M] OIL/ANTIFREEZE/WATER (100%) VARIOUS SIZE CONTAINERS OF OILS, ANTIFREEZE, TRANSMISSION FLU RANGING IN SIZE FROM 8OZ-5GAL	NONE

Manifest Number: 001024333VES

Work Order Number: 2711477000

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Manifest#: YU-2711477000-002

Waste Area:

Manifest Page/Line: 02 / 9

WMP: 025601

Disposal Code: SRRMADPKNR

PHY State: L

Date Accumulated: 01/16/2017

Gen Drum ID:

Shipping Name: NON RCRA AND DOT NON REGULATED LIQUID, (TRANSMISSION FLUID)

No. of Commons: 01

Outer Container: 551A2-DM

Inner Container:

Primary Waste Codes: NONE

PCB Serial #:

OOS Date: / /

Total Crms Wt: 400

SIC: 5093

Source: G11

Form: W001

System: H141

Cubic Ft.: 7.50

Individual Common Weights: 1 @ 400 (POUNDS)

<u>Units</u>	<u>Container Size</u>	<u>Net Weight</u>	<u>Chemical Name</u>	<u>EPA/State Codes</u>
2	5GAL	POLY	TRANSMISSION FLUID	NONE
5	1LB	FIBRE	MOLYBDENUM GREASE	NONE
1	1L	POLY	CAR SHAMPOO CONTAINS SOAP	NONE
1	1LB	POLY	BORAXO POWDERED HAND SOAP	NONE
1	8OZ	POLY	TUF GLIDE ANTI SEIZE LUBRICANT GEASE	NONE
1	1PT	POLY	ZEP GLOVE HAND PROTECTIVE	NONE
1	1PT	POLY	HYDROGEN PEROXIDE SOLUTION (LESS THEN 8% PEROXIDE)	NONE
1	16OZ	POLY	SKIP SPAT CONTAINS POLYALKYLENE GLYCOL MONOBUTYL ETHER	NONE
1	8OZ	POLY	BRIGHT BUBBLE LEAK DETECTOR CONTAINS SURFACVTANTS	NONE
1	4OZ	POLY	GLUE CONTAINS METHACRYLATE ESTERS	NONE
1	.5OZ	POLY	GLUE CONTAINS METHACRYLATE ESTERS	NONE

Manifest Number: 001024333VES

Work Order Number: 2711477000

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Activity Report

JOB NO: 2711477000
BILL DOC NO YU70116704
GENERATOR NO 635359

WO NO: 2711477000
EPA ID: NYCESQG

BILL TO: SPECTRA ENGINEERING, ARCHTECT.
& SURVEYING, PC
19 BRITISH AMERICAN BLVD.
LATHAM, NY 12110
(518) 782-0882

JOB SITE: ONONDAGA COUNTY IND.DEV.AGENCY
800 HIAWATHA BLVD. WEST
SYRACUSE, NY 13206
(315) 882-3548

CONTACT: JOHN CIAMPA

CONTACT: MARK NEVES

MANIFEST NUMBER(S):
001024333VES

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.			
		01/16/2017	NY2			
DESCRIPTION	# CONT.	CONT./CODE	QTY	UOM	PG/LN	WASTE AREA
Manifest # 001024333VES WMP 25574 / Approval SRR-AEROSOL AEROSOLS (VARIOUS)	1	021H2-DF	1	P	1 / 1	
Manifest # 001024333VES WMP 25584 / Approval SRRPROPANE-MED PROPANE CYLINDERS (THIN WALLED)	1	551H2-DF	65	P	1 / 2	
Manifest # 001024333VES WMP 25584 / Approval SRRPROPANE-SML PROPANE CYLINDERS (THIN WALLED)	1	051G-DF	1	P	1 / 3	
Manifest # 001024333VES WMP 25585 / Approval SRRPAINTCANS PAINTS & DEBRIS	1	851A2-DM	450	P	1 / 4	
Manifest # 001024333VES WMP 25601 / Approval SRRSRLPCONSOL PLC/HPN/REPEATER	1	551A2-DM	58	P	2 / 5	
Manifest # 001024333VES WMP 25601 / Approval SRRSRLPCONSOL PLC/HPN/REPEATER	1	551A2-DM	78	P	2 / 6	

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.
1 of 4



Activity Report

JOB NO: 2711477000
BILL DOC NO YU70116704
GENERATOR NO 635359

WO NO: 2711477000
EPA ID: NYCESQG

BILL TO: SPECTRA ENGINEERING, ARCHECT.
& SURVEYING, PC
19 BRITISH AMERICAN BLVD.
LATHAM, NY 12110
(518) 782-0882

JOB SITE: ONONDAGA COUNTY IND.DEV.AGENCY
800 HIAWATHA BLVD. WEST
SYRACUSE, NY 13206
(315) 882-3648

CONTACT: JOHN CIAMPA

CONTACT: MARK NEVES

MANIFEST NUMBER(S):

001024333VES

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.
		01/16/2017	NY2

DESCRIPTION	# CONT.	CONT./CODE	QTY	UOM	PG/LN	WASTE AREA
Manifest # 001024333VES WIP 60387 / Approval SRRMADPKNR WASTE AUTO LIQUIDS (OIL/ANTIFREEZE)	1	851A2-DM	450	P	2 / 7	

Manifest # 001024333VES WIP 26601 / Approval SRRMADPKNR PLC/HPN/REPEATER	1	551A2-DM	400	P	2 / 8	
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Total Hours: 0
of Containers: 8
Total Pounds: 1504

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

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Activity Report

JOB NO: 2711477000
BILL DOC NO YU70116704
GENERATOR NO 635359

WO NO: 2711477000
EPA ID: NYCESQG

BILL TO: SPECTRA ENGINEERING, ARCHECT.
& SURVEYING, PC
19 BRITISH AMERICAN BLVD.
LATHAM, NY 12110
(519) 782-0882

JOB SITE: ONONDAGA COUNTY IND.DEV.AGENCY
800 HIAWATHA BLVD. WEST
SYRACUSE, NY 13206
(315) 882-3548

CONTACT: JOHN CIAMPA

CONTACT: MARK NEVES

MANIFEST NUMBER(S):

Non-Disposals

CUSTOMER P.O. NUMBER		PROJECT NUMBER		SHIP DATE		TERR.	
				01/16/2017		NY2	
DESCRIPTION		# CONT.	CONT./CODE	QTY	UOM	PG/LN	WASTE AREA
01/16/2017 Manpwr.- FIELD SUPERVISOR - 10:45 AM to 3:45 PM			125	125	HOUR	/	
01/16/2017 Mtrl. - 021H2 - 2 GAL POLY PAIL			10	1	EACH	/	
Material provided for manifest 001024333VES							
01/16/2017 Mtrl. - 551H2-55 GAL OPEN HEAD POLY			1017	1	EACH	/	
Material provided for manifest 001024333VES							
01/16/2017 Mtrl. - 051G - 5 GAL FIBER DRUM			679	1	EACH	/	
Material provided for manifest 001024333VES							
01/16/2017 Mtrl. - 851A2-85 GAL METAL SALVAGE DRUM (OVERPACK)			13	2	EACH	/	
Material provided for manifest 001024333VES							
01/16/2017 Mtrl. - 551A2 - 55 GAL DOT 17H DRUM RECONDITIONED O/T			3354	3	EACH	/	
Material provided for manifest 001024333VES							
01/16/2017 Mtrl. - VERMICULITE 3 CUFT BAG			32	3	EACH	/	
Material provided for manifest 001024333VES							

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

3 of 4

Activity Report

JOB NO: 2711477000
 BILL DOC NO YU70116704
 GENERATOR NO 635359

WO NO: 2711477000
 EPA ID: NYCESQG

BILL TO: SPECTRA ENGINEERING, ARCHECT.
 & SURVEYING, PC
 19 BRITISH AMERICAN BLVD.
 LATHAM, NY 12110
 (518) 782-0882

JOB SITE: ONONDAGA COUNTY IND.DEV.AGENCY
 800 HIAWATHA BLVD. WEST
 SYRACUSE, NY 13206
 (315) 882-3548

CONTACT: JOHN CIAMPA

CONTACT: MARK NEVES

MANIFEST NUMBER(S):
 Non-Disposals

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.
		01/16/2017	NY2

Total Hours: 5

Comments:

offsite— to _____ Move— TO _____ Demobe— TO _____
 ONSITE— TO _____

Signature: _____

Print Name: _____

Mark Neves
 on Behalf
 of OCIDA

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYCE SOG		2. Page 1 of 2		3. Emergency Response Phone (373) 319-0087		4. Manifest Tracking Number 001024418 VES			
		5. Generator's Name and Mailing Address ONONDAGA COUNTY IND DEV AGENCY 809 HIAWATHA BLVD. WEST SYRACUSE, NY 13206						Generator's Site Address (if different than mailing address) SAME			
Generator's Phone:											
6. Transporter 1 Company Name ELDRIDGE, INC.								U.S. EPA ID Number PA0014146179			
7. Transporter 2 Company Name VEOLIA ES TECHNICAL SOLUTIONS								U.S. EPA ID Number WJ00000031269			
8. Designated Facility Name and Site Address VEOLIA ES TECHNICAL SOLUTIONS, LLC 4381 INFIRMARY ROAD WEST CARROLLTON, OH 45449								U.S. EPA ID Number ORD093945293			
Facility's Phone: 937 859-6101											
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
						No.	Type				
	X	1. UN1950, WASTE AEROSOLS, FLAMMABLE, (EACH NOT EXCEEDING 1 L CAPACITY), (USE DOT-SP 11396), 2.1, LIMITED QUANTITY				1	DM	00025	P	D001	B
	X	2. UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (MINERAL SPIRITS), 1, III				1	DM	00100	P	D001	B
	X	3. UN3148, WASTE CORROSIVE LIQUID, BASIC, INORGANIC, n.o.s., (SODIUM HYDROXIDE, POTASSIUM HYDROXIDE), 8, II, BQ (D002)				1	TP	03000	P	D002	T
X	4. NA1993, WASTE COMBUSTIBLE LIQUID, n.o.s., (TRACE TOLUENE, BENZENE, XYLENE), III				2	DM	00300	P	D008	B	
14. Special Handling Instructions and Additional Information ER Service Contracted by VESTS - 1- **VEOLIA PERMIT# NJ-410** NEED CERT OF DISPOSAL** - 1) ERG-126 W-25574 A-SER-AEROSOL 2) ERG-128 W-25591 A-SREMAPS<5* 3) ERG-154 W-60235 A-EQD097278DET 4) ERG-128 W-60366 A-SREMAPS<5*											
15. 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. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offor's Printed/Typed Name Mark Neves						Signature <i>Mark Neves</i>		Month Day Year 01 09 17			
INT'L	16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
	17. Transporter Acknowledgment of Receipt of Materials										
	Transporter 1 Printed/Typed Name SEAN HANNES						Signature <i>Sean Hannes</i>		Month Day Year 01 09 17		
TRANSPORTER	Transporter 2 Printed/Typed Name						Signature		Month Day Year		
	18. Discrepancy										
	18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection										
DESIGNATED FACILITY	18b. Alternate Facility (or Generator) U.S. EPA ID Number										
	Facility's Phone:										
	18c. Signature of Alternate Facility (or Generator) Month Day Year										
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1. 2. 3. 4.											
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a											
Printed/Typed Name						Signature		Month Day Year			

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NYCE S Q G	22. Page 3 of 2	23. Manifest Tracking Number 001024418VES				
24. Generator's Name ONONDAGA COUNTY IND. DEV. AGENC								
25. Transporter <u>3</u> Company Name FREEHOLD CARTAGE INC			U.S. EPA ID Number N J 0 0 5 4 1 2 0 1 0 4					
26. Transporter <u>4</u> Company Name VICOLIA ES TECHNICAL SOLUTIONS			U.S. EPA ID Number 0 6 2 1 2 0 0					
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
		No.	Type					
GENERATOR ↓	1. HAZARDOUS WASTE COMBUSTIBLE LIQUID, N.E. (TRACE TOLUENE, TETRACHLOROETHYLENE, XYLENE), III	1	DM	00200	P	D030		
	2. NON-REGULATED MATERIAL PER 40 C.F.R. (RAINWATER)	7	DM	03500	P	NONE		
	3. NON-REGULATED MATERIAL PER 40 C.F.R. (PPE, PIPETS)	1	DM	00025	P	NONE		
	4. NON-REGULATED MATERIAL PER 40 C.F.R. (WATER)	2	TP	04500	P	NONE		
32. Special Handling Instructions and Additional Information **VICOLIA PERMIT# NJ-410**NEED CERT OF DISPOSAL** 1- 5) ERG:130 W:64222 A: SRRMAPS<5* 6) W:25593 A:SRRFLIQ-NH 7) W:70664 A:EQE118114DET 8) W:60932 A:SRRFLIQ-NH								
TRANSPORTER ↓	33. Transporter <u>3</u> Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____							
	34. Transporter <u>4</u> Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____							
DESIGNATED FACILITY ↓	35. Discrepancy _____							
	36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) _____							

Land Disposal Restriction Notification Form

Generator Name ONONDAGA COUNTY IND.DEV.AGENCY

EPA ID Number NYCESQG

Manifest 001024418VES

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

This notice is also being provided in accordance with 6 NYCRR 376.1(g)(1).

Container Number: YG-2738826000-004 (1/ 1)

WIP / Approval Code: 025574 / SRR-AEROSOL
 Form Designation / CWA Status: Non-Wastewater / Non-CWA
 Waste Codes (Subcategories): D001 (IGNITABLE CHARACTERISTIC WASTE, OTHER THAN LIQUIDS >=10% TOC (INCLUDES ALL IGN. GASES, FLAMMABLE SOLIDS & OXIDIZERS)), D035
 Constituents (F001 - F005): None
 UHCs Present: None
 Treatment Requirements: Restricted waste requires treatment to applicable standards.
 Additional Notices:

Container Number: YG-2738826000-007 (1/ 2)

WIP / Approval Code: 025591 / SRRMAFS<5"
 Form Designation / CWA Status: Non-Wastewater / Non-CWA
 Waste Codes (Subcategories): D001 (IGNITABLE CHARACTERISTIC WASTE, LIQUIDS >= 10% TOC PER 261.2 1(a)(1))
 Constituents (F001 - F005): None
 UHCs Present: Not Applicable
 Treatment Requirements: Restricted waste requires treatment to applicable standards.
 Additional Notices:

Container Number: YG-2738826000-010 (1/ 3)

WIP / Approval Code: 060355 / EQD097278DET
 Form Designation / CWA Status: Non-Wastewater / Non-CWA
 Waste Codes (Subcategories): D002
 Constituents (F001 - F005): None
 UHCs Present: None
 Treatment Requirements: Restricted waste requires treatment to applicable standards.
 Additional Notices:

Container Number: YG-2738826000-005 (1/ 4)

WIP / Approval Code: 060366 / SRRMAFS<5"
 Form Designation / CWA Status: Non-Wastewater / Non-CWA
 Waste Codes (Subcategories): D008 (NONE), D018
 Constituents (F001 - F005): None
 UHCs Present: ARSENIC, BARIUM (ELEMENT), CHROMIUM, CADMIUM (METAL), SYM- TETRACHLOROETHANE, TOLUENE, M XYLENE
 Treatment Requirements: Restricted waste requires treatment to applicable standards.



Additional Notices:

Container Number: YG-2738826000-006 (2/ 5)

WIP / Approval Code: 064222 / SRRMAFS<6"

Form Designation / CWA Status: Non-Wastewater / Non-CWA

Waste Codes (Subcategories): D039

Constituents (F001 - F005): None

UHCs Present: ARSENIC, BARIUM (ELEMENT), BENZENE, CHROMIUM,
LEAD, CADMIUM (METAL), TOLUENE, M XYLENE

Treatment Requirements: Restricted waste requires treatment to applicable standards.

Additional Notices:

I hereby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

Signature x Mark Thull on Behalf
for OCIDA

Title Beptep Supervisor Date 01/07/17



PACKING SUMMARY

Generator Number: 835359
ONONDAGA COUNTY IND. DEV. AGENCY
800 HIAWATHA BLVD. WEST
SYRACUSE, NY 13206
Attn: JOHN CIAMPA
EPA ID: NYCESQG

Manifest Number: 001024418VES
Field System ID: YG
Work Order Number: 2738826000
Date Shipped: 01/09/2017

Container#: YG-2738826000-004 Waste Area: Manifest Page/Line: 01 / 1

WIP: 025574 Disposal Code: SRR-AEROSOL PHY State: L

Date Accumulated: 01/09/2017 Gen Drum ID:

Shipping Name: UN1950, WASTE AEROSOLS, FLAMMABLE, (EACH NOT EXCEEDING 1L CAPACITY), (USE DOT-SP 11396), 2.1, LIMITED QUANTITY

No. of Commons: 01 Outer Container: 551A2-DM Inner Container:

Primary Waste Codes: D001, D035, B PCB Serial #: OOS Date: / /

Total Crns Wt: 325 SIC: 5093 Source: G11 Form: W801 System: H141 Cubic Ft.: 7.50

Individual Common Weights: 1 @ 325 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		AEROSOLS (VARIOUS): PAINTS, PRIMERS, COATINGS, ADHESIVES, CLEANERS, LUBRICANTS, INSECTICIDES, CONTAINING ALIPHATIC & AROMATIC HYDROCARBON SOLVENTS: TOLUENE, XYLENE, MEK, [100%] CONTINUED: ALCOHOLS, ACETATES, PETROLEUM DISTILLATES, MINERAL SPIRITS, METHYLENE CHLORIDE, PROPANE, BUTANES, ETC.. ** (SIZES: 4-OZ TO 24-OZ)** [100%]	D001, D035, B

Container#: YG-2738826000-007 Waste Area: Manifest Page/Line: 01 / 2

WIP: 025591 Disposal Code: SRRMAFS<5" PHY State: L

Date Accumulated: 01/09/2017 Gen Drum ID:

Shipping Name: UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (MINERAL SPIRITS), 3, III

No. of Commons: 01 Outer Container: 551A2-DM Inner Container:

Primary Waste Codes: D001, B PCB Serial #: OOS Date: / /

Total Crns Wt: 1000 SIC: 5093 Source: G11 Form: W001 System: H001 Cubic Ft.: 7.50

Individual Common Weights: 1 @ 1000 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		ARSENIC [0.47M] MINERAL SPIRITS [100%]	D001, B



Container#: YG-2738826000-010

Waste Area:

Manifest Page/Line: 01 / 3

WIP: 060356

Disposal Code: EQD097278DET

PHY State: L

Date Accumulated: 01/09/2017

Gen Drum ID:

Shipping Name: UN3268, WASTE CORROSIVE LIQUID, BASIC, INORGANIC, n.o.s., (SODIUM HYDROXIDE, POTASSIUM HYDROXIDE), 8, II, RQ (D002)

No. of Commons: 01

Outer Container: TOT275-TP

Inner Container:

Primary Waste Codes: D002,T

PCB Serial #:

OOS Date: / /

Total Crns Wt: ~~2800~~

SIC: 5093

Source: G19

Form: W119

System: H110

Cubic Ft.: 37.50

Individual Common Weights: 1 @ ~~3200~~ (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	TOT275		CALCIUM HYDROXIDE [1-10%] SODIUM HYDROXIDE SOLUTION [1-10%] WATER [90-100%] POTASSIUM HYDROXIDE SOLUTION (5-10%) [1-10%]	D002, T

Container#: YG-2738826000-005

Waste Area:

Manifest Page/Line: 01 / 4

WIP: 060366

Disposal Code: SRRMAFS<5"

PHY State: L

Date Accumulated: 01/09/2017

Gen Drum ID:

Shipping Name: NA1993, WASTE COMBUSTIBLE LIQUID, n.o.s., (TRACE - TOLUENE, BEZENE, XYLENE), III

No. of Commons: 02

Outer Container: 851A2-DM

Inner Container:

Primary Waste Codes: D008,D018,B

PCB Serial #:

OOS Date: / /

Total Crns Wt: ~~3000~~

SIC: 5093

Source: G19

Form: W219

System: H061

Cubic Ft.: 11.40

Individual Common Weights: ~~1400, 1600~~ (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	85 GAL		ARSENIC [0.71M] BARIUM [1.3M] BENZENE [46-74M] CHROMIUM [0.81M] ISOPROPYLBENZENE [26M] CYCLOHEXANE [27M] LEAD [5.9M] METHYL TERT-BUTYL ETHER [5.3M] METHYLCYCLOHEXANE [73M] CADMIUM [0.35M] TETRACHLOROETHANE [0.64M] TOLUENE [180M] XYLENE [530M] ETHYLBENZENE [73M] OIL/ANTIFREEZE/WATER [100%]	D008, D018, B

Container#: YG-2738826000-006

Waste Area:

Manifest Page/Line: 02 / 5

WIP: 064222

Disposal Code: SRRMAFS<5"

PHY State: L

Date Accumulated: 01/09/2017

Gen Drum ID:

Shipping Name: NA1993, WASTE COMBUSTIBLE LIQUID, n.o.s., (TRACE - TOLUENE, TETRACHLOROETHYLENE, XYLENE), III

No. of Commons: 01

Outer Container: 851A2-DM

Inner Container:

Primary Waste Codes: D039,T

PCB Serial #:

OOS Date: / /

Total Crns Wt: ~~260~~

SIC: 5093

Source: G19

Form: W219

System: H061

Cubic Ft.: 11.40

Individual Common Weights: 1 @ ~~260~~ (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	85 GAL		ARSENIC [0.71M] BARIUM [1.3M] BENZENE [2M] CHROMIUM [0.81M] LEAD [5.9M] CADMIUM [0.35M] TETRACHLOROETHYLENE [47M] TOLUENE [180M] XYLENE [530M] OIL/ANTIFREEZE/WATER [100%]	D039, T

Manifest Number: 001024418VES

Work Order Number: 2738826000

Page 2 of 3



Container#: YG-2738826000-001

Waste Area:

Manifest Page/Line: 02 / 6

WMP: 025593

DisposalCode: SRRLFIQ-NH

PHY State: L

Date Accumulated: 01/09/2017

Gen Drum ID:

Shipping Name: NON-REGULATED MATERIAL PER 40 & 49 CFR, (RAINWATER)

No. of Commons: 07

Outer Container: 851A2-DM

Inner Container:

Primary Waste Codes: NONE,L

PCB Serial #:

OOS Date: / /

Total Crms Wt: ~~3500~~

SIC: 5093

Source: G12

Form: W113

System: H141

Cubic Ft.: 11.40

Individual Common Weights: ~~450, 450, 450, 450, 450, 450, 450~~ (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		BARIUM [0.23M] CHROMIUM [2.9B] METHYLENE CHLORIDE [1.8B] RAINWATER [100%]	NONE, L

Container#: YG-2738826000-002

Waste Area:

Manifest Page/Line: 02 / 7

WMP: 070864

DisposalCode: EQE118116DET

PHY State: S

Date Accumulated: 01/09/2017

Gen Drum ID:

Shipping Name: NON-REGULATED MATERIAL PER 40 & 49 CFR, (PPE, PIPETS)

No. of Commons: 01

Outer Container: 551A2-DM

Inner Container:

Primary Waste Codes: NONE,B

PCB Serial #:

OOS Date: / /

Total Crms Wt: ~~450~~

SIC: 5093

Source: G12

Form: W113

System: H110

Cubic Ft.: 7.50

Individual Common Weights: 1 @ ~~450~~ (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	55 GAL		TYVEKS, PPE, PAPER TOWELS, GLASS PIPETS USED IN SAMPLING OIL, ANTIFREEZE, WATER [100%]	NONE, B

Container#: YG-2738826000-009

Waste Area:

Manifest Page/Line: 02 / 8

WMP: 062922

DisposalCode: SRRLFIQ-NH

PHY State: L

Date Accumulated: 01/09/2017

Gen Drum ID:

Shipping Name: NON-REGULATED MATERIAL PER 40 & 49 CFR, (WATER)

No. of Commons: 02

Outer Container: TOTE-TP

Inner Container:

Primary Waste Codes: NONE,L

PCB Serial #:

OOS Date: / /

Total Crms Wt: ~~4500~~

SIC: 5093

Source: G12

Form: W113

System: H141

Cubic Ft.: 49.00

Individual Common Weights: ~~1500, 3000~~ (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	TOTE	4500	WATER [100%]	NONE, L

Activity Report

JOB NO: 2738826000
BILL DOC NO YG29895532
GENERATOR NO 635359

WO NO: 2738826000
EPA ID: NYCESQG

BILL TO: SPECTRA ENGINEERING, ARCHECT.
& SURVEYING, PC
19 BRITISH AMERICAN BLVD.
LATHAM, NY 12110
(518) 782-0882

JOB SITE: ONONDAGA COUNTY IND.DEV.AGENCY
800 HIAWATHA BLVD. WEST
SYRACUSE, NY 13206

CONTACT: JOHN CIAMPA

CONTACT: JOHN CIAMPA

MANIFEST NUMBER(S):

001024418VES

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.
		01/09/2017	NY2

DESCRIPTION	# CONT.	CONT./CODE	QTY	UOM	PG/LN	WASTE AREA
Manifest # 001024418VES WIP 25574 / Approval SRR-AEROSOL AEROSOLS (VARIOUS)	1	551A2-DM	25	P	1 / 1	

Manifest # 001024418VES WIP 25581 / Approval SRRMAFS<5" MINERAL SPIRITS	1	551A2-DM	100	P	1 / 2	
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Manifest # 001024418VES WIP 60355 / Approval EQD097278DET CORROSIVE DRILLING WASH WATER - HAZ	1	TOT275-TP	3000	P	1 / 3	
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SAFETY ALERT: manifest to West Carrollton

Acknowledged By: sg

Manifest # 001024418VES WIP 60366 / Approval SRRMAFS<5" HAZ LIQUIDS (OIL/ANTIFREEZE)-BENZENE	2	851A2-DM	300	P	1 / 4	
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Manifest # 001024418VES WIP 64222 / Approval SRRMAFS<5" HAZ LIQUIDS (OIL/ANTIFREEZE)-TCE	1	851A2-DM	200	P	2 / 5	
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Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.



Activity Report

JOB NO: 2738826000
BILL DOC NO YG29895532
GENERATOR NO 635359

WO NO: 2738826000
EPA ID: NYCESQG

BILL TO: SPECTRA ENGINEERING, ARCHECT.
& SURVEYING, PC
19 BRITISH AMERICAN BLVD.
LATHAM, NY 12110
(518) 782-0882

JOB SITE: ONONDAGA COUNTY IND.DEV.AGENCY
800 HIAWATHA BLVD. WEST
SYRACUSE, NY 13206

CONTACT: JOHN CIAMPA

CONTACT: JOHN CIAMPA

MANIFEST NUMBER(S):
001024418VES

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.
		01/09/2017	NY2

DESCRIPTION	# CONT.	CONT./CODE	QTY	UOM	PG/LN	WASTE AREA
Manifest # 001024418VES WIP 25593 / Approval SRRLFLIQ-NH RAINWATER/WATER	7	851A2-DM	3500	P	2 / 8	
Manifest # 001024418VES WIP 70864 / Approval EQE118118DET SAMPLE PIPETS, RAGS, PPE	1	551A2-DM	25	P	2 / 7	
Manifest # 001024418VES WIP 82922 / Approval SRRLFLIQ-NH DRILLING WASHWATER NON HAZ	2	TOTE-TP	1500	P	2 / 8	

Total Hours: 0
of Containers: 16

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

Activity Report

JOB NO: 2738826000
BILL DOC NO YG29895532
GENERATOR NO 635359

WO NO: 2738826000
EPA ID: NYCESQG

BILL TO: SPECTRA ENGINEERING, ARCHTECT.
& SURVEYING, PC
19 BRITISH AMERICAN BLVD.
LATHAM, NY 12110
(518) 782-0882

JOB SITE: ONONDAGA COUNTY IND.DEV.AGENCY
800 HIAWATHA BLVD. WEST
SYRACUSE, NY 13206

CONTACT: JOHN CIAMPA

CONTACT: JOHN CIAMPA

MANIFEST NUMBER(S):

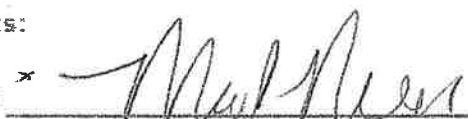
Non-Disposals

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.			
		01/09/2017	NY2			
DESCRIPTION	# CONT.	CONT./CODE	QTY	UOM	PG/LN	WASTE AREA
01/05/2017 Mtrl. - 551A2 - 55 GAL DOT 17H DRUM RECONDITIONED O/T		3354	1	EACH	/	
Material provided for manifest 001024419VES						
01/05/2017 Mtrl. - 851A2-85 GAL METAL SALVAGE DRUM (OVERPACK)	13		10	EACH	/	
Material provided for manifest 001024418VES						
01/05/2017 Mtrl. - 551A2 - 55 GAL DOT 17H DRUM RECONDITIONED O/T		3354	2	EACH	/	
Material provided for manifest 001024418VES						

1400 - 1730

Total Hours: 0

Comments:

Signature: 

Print Name: Mark Neues *on Behalf for OCTDA*

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NYCE S Q G	22. Page 2 of 3	23. Manifest Tracking Number 001024419VES		
24. Generator's Name ONONDAGA COUNTY IND. DEV. AGENCY						
25. Transporter 1 Company Name FREEMOLD CARTAGE INC				U.S. EPA ID Number N10034130104		
26. Transporter 4 Company Name VEOLIA ES TECHNICAL SOLUTIONS				U.S. EPA ID Number N100000031309		
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
		No.	Type			
32. Special Handling Instructions and Additional Information (FOR ADDITIONAL TRANSPORTATION INFORMATION ONLY)						
33. Transporter 2 Acknowledgment of Receipt of Materials						
Printed/Typed Name		Signature		Month	Day	Year
34. Transporter 4 Acknowledgment of Receipt of Materials						
Printed/Typed Name		Signature		Month	Day	Year
35. Discrepancy						
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						

VEOLIA PACKING SLIP

Manifest Order

1/9/2017 1/9/2017 YG 2738826998 001
DATE ACCUMULATED DATE SHIPPED GEN DRUM ID CONTAINER #

ONONDAGA COUNTY IND.DEV.AGENCY
800 HIAWATHA BLVD. WEST

SYRACUSE, NY 13206
EPA #NYCESQG GEN #635359

GENERATOR - ADDRESS EPA #

UN2315, POLYCHLORINATED BIPHENYLS, LIQUID, 9,
II

DOT PROPER SHIPPING NAME

001024419VES 1 1 PTA070663 70663
MANIFEST PG / LINE WASTE AREA DISPOSAL CODE W.I.P. #
LI-ERG:171 W:70663 1 -I NONE, B 551A2 DM 7.5 cl
A:PTA070663 ONONDAGA1
ADDITIONAL DESCRIPTION COMMON DRUMS EPA CODE CONTAINER TYPE

UNIT	CONTAINER SIZE	CONT TYPE	FULLNESS	CHEMICAL NAME	INNER CONTAINER ID	WASTE TYPE
------	----------------	-----------	----------	---------------	--------------------	------------

1	55 GAL	DM	Full	WATER W/PCB < 50 PPM FROM TSCA SOURCE [100%]		NONE B
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SIC SOURCE FORM SYSTEM PCB # PCB OOS Date
5093 G12 W113 H040 YG2738826998001010 01/05/2017

TOTAL WEIGHT 182 K

VES TON

PAGE 1 OF 1

TECHNICAL SUPERVISOR

Activity Report

JOB NO: 2738826000
 BILL DOC NO YG29895532
 GENERATOR NO 635359

WO NO: 2738826000
 EPA ID: NYCESQG

BILL TO: SPECTRA ENGINEERING, ARCHECT.
 & SURVEYING, PC
 19 BRITISH AMERICAN BLVD.
 LATHAM, NY 12110
 (518) 782-0882

JOB SITE: ONONDAGA COUNTY IND.DEV.AGENCY
 800 HIAWATHA BLVD. WEST
 SYRACUSE, NY 13206

CONTACT: JOHN CIAMPA

CONTACT: JOHN CIAMPA

MANIFEST NUMBER(S):
 001024419VES

CUSTOMER P.O. NUMBER		PROJECT NUMBER		SHIP DATE		TERR.	
				01/09/2017		NY2	
DESCRIPTION	# CONT.	CONT./CODE	QTY	UOM	PG/LN	WASTE AREA	
Manifest # 001024419VES WIP 70663 / Approval PTA070663 DECON WATER/LOW LEVEL PCB/TSCA SOURCE	1	551A2-DM	25	K	1 / 1		

Total Hours: 0
 # of Containers: 1

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

SHIPPING DOCUMENT		1. Generator ID Number NYCESOG	2. Page 1 of 2	3. Emergency Response Phone (877) 618-0087	4. Shipping Document Tracking Number ZZ 00441054				
5. Generator's Name and Mailing Address ONONDAGA COUNTY IND. DEV. AGENCY 890 HIAWATHA BLVD. WEST SYRACUSE, NY 13206		Generator's Site Address (if different than mailing address) SAME							
Generator's Phone: _____									
6. Transporter 1 Company Name ELDRIDGE, INC.				U.S. EPA ID Number PAD014146179					
7. Transporter 2 Company Name VEOLIA ES TECHNICAL SOLUTIONS				U.S. EPA ID Number NJD080631369					
8. Designated Facility Name and Site Address KEARNY STEEL CONTAINER CORP 401 SOUTH STREET NEWARK, NJ 07105				U.S. EPA ID Number NJD961142797					
Facility's Phone: 973 597-3589									
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) 1. EMPTY DRUMS			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Codes NONE R	
				No.	Type				
				1	OF 6				
14. Special Handling Instructions and Additional Information DISPOSAL** - 1) W:69806 A:KSC-EMPTYDRUM ER Service Contracted by VESTS - **VEOLIA PERMIT# NJ-410**NEED CERT OF									
15. 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/Officer's Printed/Typed Name Mark Neves on Behalf for OCIDA Signature _____ Month _____ Day _____ Year 01 09 17									
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exlt: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Shipment									
Transporter 1 Printed/Typed Name SEAN HANNES Signature _____ Month _____ Day _____ Year 01 09 17									
Transporter 2 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____									
18. Discrepancy									
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection									
Shipping Document Tracking Number: _____									
18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____									
Facility's Phone: _____									
18c. Signature of Alternate Facility (or Generator) _____ Month _____ Day _____ Year _____									
19. Report Management Method Codes (i.e., codes for treatment, disposal, and recycling systems)									
1. _____		2. _____		3. _____		4. _____			
20. Designated Facility Owner or Operator: Certification of receipt of shipment except as noted in Item 18a									
Printed/Typed Name _____					Signature _____ Month _____ Day _____ Year _____				

GENERATOR / SHIPPER'S INITIAL COPY

SHIPPING DOCUMENT (Continuation Sheet)		21. Generator ID Number NYCRESQG	22. Page 2 of 2	23. Shipping Document Tracking Number ZZ00441054			
24. Generator's Name ONONDAGA COUNTY IND. DEV. AGENCY							
25. Transporter 3 Company Name FREEHOLD CARTAGE INC			U.S. EPA ID Number NJ D 0 5 4 1 2 0 1 0 4				
26. Transporter 4 Company Name VEOLIA ES TECHNICAL SOLUTIONS			U.S. EPA ID Number NJ D 0 0 0 6 3 1 3 0 9				
GENERATOR	27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Codes
			No.	Type			
32. Special Handling Instructions and Additional Information (FOR ADDITIONAL TRANSPORTATION INFORMATION ONLY)							
TRANSPORTER	33. Transporter 2 Acknowledgment of Receipt of Shipment		Signature		Month	Day	Year
	Printed/Typed Name						
DESIGNATED FACILITY	34. Transporter 6 Acknowledgment of Receipt of Shipment		Signature		Month	Day	Year
	Printed/Typed Name						
35. Discrepancy							
36. Report Management Method Codes (i.e., codes for treatment, disposal, and recycling systems)							

VEOLIA PACKING SLIP

Manifest Order

1/9/2017 1/9/2017 YG 2738826999 001
DATE ACCUMULATED DATE SHIPPED GEN DRUM ID CONTAINER #

ONONDAGA COUNTY IND.DEV.AGENCY
300 HIAWATHA BLVD. WEST

SYRACUSE, NY 13206

FPA # NYEFS06 GFN # 635359

GENERATOR - ADDRESS EPA #

EMPTY DRUMS

DOT PROPER SHIPPING NAME

ZZ00441954

MANIFEST

1 1

PG / LINE

WASTE AREA

1

KSC-EMPTYDRUM

DISPOSAL CODE

- / NONE, R

69808

W.I.P. #

551A2 DM 7.5 cl

SI- W:69808
A:KSC-EMPTYDRUM
ADDITIONAL DESCRIPTION

COMMON DRUMS

EPA CODE

CONTAINER TYPE

UNIT	CONTAINER SIZE	CONT TYPE	FULLNESS	CHEMICAL NAME	INNER CONTAINER ID	WASTE TYPE
------	----------------	-----------	----------	---------------	--------------------	------------

1

55 GAL

DF

Empty

EMPTY DRUMS [100%]

NONE
R

SIC

5093

SOURCE

G15

FORM

W307

SYSTEM

H039

PCB #

PCB OOS Date

TOTAL WEIGHT

400 P

VES TON

TECHNICAL SUPERVISOR

PAGE 1 OF 1

Activity Report

JOB NO: 2738826000
 BILL DOC NO YG29895532
 GENERATOR NO 635359

WO NO: 2738826000
 EPA ID: NYCESQG

BILL TO: SPECTRA ENGINEERING, ARCHECT.
 & SURVEYING, PC
 19 BRITISH AMERICAN BLVD.
 LATHAM, NY 12110
 (518) 782-0882

JOB SITE: ONONDAGA COUNTY IND.DEV.AGENCY
 800 HIAWATHA BLVD. WEST
 SYRACUSE, NY 13206

CONTACT: JOHN CIAMPA

CONTACT: JOHN CIAMPA

MANIFEST NUMBER(S):
 ZZ00441054

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.
		01/09/2017	NY2

DESCRIPTION	# CONT.	CONT./CODE	QTY	DOM	PG/LN	WASTE AREA
Manifest # ZZ00441054 WIP 69808 / Approval KSC-EMPTYDRUM EMPTY DRUMS	1	551A2-DM	25	P	1 / 1	

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Total Hours: 0
 # of Containers: 1

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYCE 806	2. Page 1 of 1	3. Emergency Response Phone 970 818-0087	4. Manifest Tracking Number 001024442 VES			
5. Generator's Name and Mailing Address ONONDAGA COUNTY IND-DEV AGENCY 800 NIAGARATHA BLVD. WEST SYRACUSE, NY 13206		Generator's Site Address (if different than mailing address) SAME						
Generator's Phone: 315 382-3540								
6. Transporter 1 Company Name VEOLIA ES TECHNICAL SOLUTIONS		U.S. EPA ID Number NJ D 0 2 0 6 3 1 3 3 9						
7. Transporter 2 Company Name FRESHOLD CARTAGE INC		U.S. EPA ID Number NJ D 0 5 4 1 2 8 1 6 4						
8. Designated Facility Name and Site Address MICH DISPOSAL WASTE TREATMENT 49350 N L 94 SERVICE DRIVE BRILLVILLE, NY 49111		U.S. EPA ID Number MI D 0 0 0 7 2 4 8 3 1						
Facility's Phone: 800 592-5490								
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
			No.	Type				
	1. NON REGULATED MATERIAL		1		45	P	NONE	
	2.							
	3.							
4.								
14. Special Handling Instructions and Additional Information SR Service Contracted by VESTS - 4-17 W-84911 A-A170093MDI								
15. 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. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offor's Printed/Typed Name X <i>Richard N...</i>		Signature <i>Richard N...</i>		Month 01		Day 23		Year 17
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S.:								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name RICH LA BENS		Signature <i>Rich La Bens</i>		Month 01		Day 23		Year 17
Transporter 2 Printed/Typed Name		Signature		Month		Day		Year
18. Discrepancy								
18a. Discrepancy Indication Space		☐ Quantity ☐ Type		☐ Residue ☐ Partial Rejection		☐ Full Rejection		
				Manifest Reference Number:		U.S. EPA ID Number		
18b. Alternate Facility (or Generator)								
Facility's Phone:								
18c. Signature of Alternate Facility (or Generator)				Month		Day		Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1.		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name		Signature		Month		Day		Year

Activity Report

JOB NO: 2752302000 WO NO: 2752302000
 BILL DOC NO YU70119704
 GENERATOR NO 635359 EPA ID: NYCESQG

BILL TO: SPECTRA ENGINEERING, ARCHECT.
 & SURVEYING, PC
 19 BRITISH AMERICAN BLVD.
 LATHAM, NY 12110
 (518) 782-0882

JOB SITE: ONONDAGA COUNTY IND.DEV.AGENCY
 800 HIAWATHA BLVD. WEST
 SYRACUSE, NY 13206
 (315) 882-3548

CONTACT: JOHN CIAMPA

CONTACT: MARK NEVES

MANIFEST NUMBER(S):
 001024442VES

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.
		01/23/2017	NY2

DESCRIPTION	# CONT.	CONT./CODE	QTY	UOM	PG/LN	WASTE AREA
Manifest # 001024442VES WIP 69811 / Approval A170092MDI MT DRUM LAST CNT. PCB CAPS/ASBESTOS DUST	1		45	P	1 / 1	

Total Hours: 0
 # of Containers: 1
 Total Pounds: 45

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.



PACKING SUMMARY

Generator Number: 635359
ONONDAGA COUNTY IND.DEV.AGENCY
800 HIAWATHA BLVD. WEST
SYRACUSE, NY 13206

Attn: MARK NEVES
EPA ID:NYCESQG

Manifest Number: 001024442VES
Field System ID: YU
Work Order Number: 2752302000
Date Shipped: 01/23/2017

Container#: YU-2752302000-001 Waste Area: Manifest Page/Line: 01 / 1

WIP: 069811 Disposal Code: A170092MDI PHY State: S

Date Accumulated: 01/23/2017 Gen Drum ID:

Shipping Name: NON REGULATED MATERIAL

No. of Commons: 01 Outer Container: 851A2-DM Inner Container:

Primary Waste Codes: NONE,L PCB Serial #: OOS Date: / /

Total Crns Wt: 45 SIC: 5093 Source: G19 Form: W307 System: H132 Cubic Ft.: 11.40

Individual Common Weights: 1 @ 45 (POUNDS)

Units	Container Size	Net Weight	Chemical Name	EPA/State Codes
1	85 GAL		EMPTY DRUM LAST CONTAINED PCB CAPACITORS AND TRACE ASBESTOS DUST (100%)	NONE, L

Activity Report

JOB NO: 2752302000
 BILL DOC NO YU70119704
 GENERATOR NO 635359

WO NO: 2752302000
 EPA ID: NYCESQG

BILL TO: SPECTRA ENGINEERING, ARCHT.
 & SURVEYING, PC
 19 BRITISH AMERICAN BLVD.
 LATHAM, NY 12110
 (518) 782-0682

JOB SITE: ONONDAGA COUNTY IND.DEV.AGENCY
 800 HIAWATHA BLVD. WEST
 SYRACUSE, NY 13206
 (315) 882-3548

CONTACT: JOHN CIAMPA

CONTACT: MARK NEVES

MANIFEST NUMBER(S):

Non-Disposals

CUSTOMER P.O. NUMBER	PROJECT NUMBER	SHIP DATE	TERR.
		01/23/2017	NY2

DESCRIPTION	# CONT.	CONT./CODE	QTY	UOM	PG/LN	WASTE AREA
01/19/2017 Mtr. - 851A2-85 GAL METAL SALVAGE DRUM (OVERPACK)	13		1	EACH	/	

Material provided for manifest 001024442VES

Total Hours:	0
--------------	---

Comments:

offsite— to — Mobe— TO — Demobe — TO —
 ONSITE — TO —

Signature: Mark Neves

Print Name: Mark Neves on Behalf of OCSID

Veolia Environmental Solutions is permitted for and has capacity to accept waste listed above in container quantities.

ATTACHMENT 4

**ASR PILES 1 AND 2: ANALYTICAL RESULTS,
NYSDEC BUD APPROVAL, WASTE-LOAD RECORDS**

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Materials Management, Region 8
6274 East Avon-Lima Road, Avon, NY 14414-9516
P: (585) 226-5411 | F: (585) 226-2909
www.dec.ny.gov

January 11, 2017

Ms. Karen Flanders
VP Sustainability and Regulatory Affairs
Casella Waste Systems, Inc.
25 Greens Hill Lane
Rutland, VT 05701

Dear Ms. Flanders:

RE: Ontario County Landfill; Approval Request for Beneficial Use
Determination (BUD) for Auto Shredder Residue (ASR) from Onondaga
County Industrial Development Authority (#3330) for use as Alternative
Daily Cover (ADC) Stanley (T) Ontario (C)

The above referenced approval request was received by this office on January 3, 2017. It seeks Department approval for the Ontario County landfill to accept approximately 2,250 tons of auto shredder residue (ASR), from the Onondaga County Industrial Development Authority, for use as BUD-ADC.

Based on the information you provided (description of the waste, and analytical analysis) the material may be accepted by and used as BUD ADC at the Ontario County landfill.

As noted previously Department approval to use a waste as BUD-ADC at the landfill is a determination that the material is appropriate for such use, it is not an authorization to exceed existing stockpile limits, use the material for non-approved purposes, and/or use material as BUD if it exhibits properties significantly different than those represented in the approval request. Due to the landfill's current need to stockpile BUD material on the top of the landfill the BUD stockpile is currently limited to a maximum of 5,000 tons. If you have any questions concerning this letter. I can be reached at 585-226-5414 or gary.maslanka@dec.ny.gov.

Sincerely,



Gary M. Maslanka
Environmental Engineer
Division of Materials Management

cc: J. Boliver, D. Kay, J. Melito, M. Miles
G. MacLean
M. East, G. Mahoney
T. Jensen

NYSDEC
NYSDEC
Casella
Ontario County



Department of
Environmental
Conservation

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-111133-1

Client Project/Site: TCLP Lead Soil Analysis

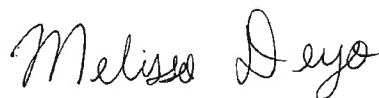
For:

Spectra Environmental Group

19 British American Blvd

Latham, New York 12110

Attn: Ms. Yaicha D Winters



Authorized for release by:

12/21/2016 3:18:51 PM

Melissa Deyo, Project Manager I

(716)504-9874

melissa.deyo@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Spectra Environmental Group
Project/Site: TCLP Lead Soil Analysis

TestAmerica Job ID: 480-111133-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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)

Case Narrative

Client: Spectra Environmental Group
Project/Site: TCLP Lead Soil Analysis

TestAmerica Job ID: 480-111133-1

Job ID: 480-111133-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-111133-1

Receipt

The samples were received on 12/15/2016 2:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.2° C.

Receipt Exceptions

The sample collection time was not listed on the chain of custody (COC) for the following sample: P2QD (480-111133-8).

Metals

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

Organic Prep

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

Detection Summary

Client: Spectra Environmental Group
Project/Site: TCLP Lead Soil Analysis

TestAmerica Job ID: 480-111133-1

Client Sample ID: P1QA

Lab Sample ID: 480-111133-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.50		0.020	0.0030	mg/L	1		6010C	TCLP

Client Sample ID: P1QB

Lab Sample ID: 480-111133-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.24		0.020	0.0030	mg/L	1		6010C	TCLP

Client Sample ID: P1QC

Lab Sample ID: 480-111133-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.32		0.020	0.0030	mg/L	1		6010C	TCLP

Client Sample ID: P1QD

Lab Sample ID: 480-111133-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.44		0.020	0.0030	mg/L	1		6010C	TCLP

Client Sample ID: P2QA

Lab Sample ID: 480-111133-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.22		0.020	0.0030	mg/L	1		6010C	TCLP

Client Sample ID: P2QB

Lab Sample ID: 480-111133-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.24		0.020	0.0030	mg/L	1		6010C	TCLP

Client Sample ID: P2QC

Lab Sample ID: 480-111133-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.20		0.020	0.0030	mg/L	1		6010C	TCLP

Client Sample ID: P2QD

Lab Sample ID: 480-111133-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.63		0.020	0.0030	mg/L	1		6010C	TCLP

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: Spectra Environmental Group
Project/Site: TCLP Lead Soil Analysis

TestAmerica Job ID: 480-111133-1

Client Sample ID: P1QA

Date Collected: 12/14/16 12:00

Date Received: 12/15/16 02:00

Lab Sample ID: 480-111133-1

Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.50		0.020	0.0030	mg/L		12/16/16 11:47	12/19/16 18:31	1

Client Sample Results

Client: Spectra Environmental Group
Project/Site: TCLP Lead Soil Analysis

TestAmerica Job ID: 480-111133-1

Client Sample ID: P1QB

Date Collected: 12/14/16 12:11

Date Received: 12/15/16 02:00

Lab Sample ID: 480-111133-2

Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.24		0.020	0.0030	mg/L		12/16/16 11:47	12/19/16 18:35	1

TestAmerica Buffalo

Client Sample Results

Client: Spectra Environmental Group
Project/Site: TCLP Lead Soil Analysis

TestAmerica Job ID: 480-111133-1

Client Sample ID: P1QC

Date Collected: 12/14/16 12:17

Date Received: 12/15/16 02:00

Lab Sample ID: 480-111133-3

Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.32		0.020	0.0030	mg/L		12/16/16 11:47	12/19/16 18:39	1

TestAmerica Buffalo

Client Sample Results

Client: Spectra Environmental Group
Project/Site: TCLP Lead Soil Analysis

TestAmerica Job ID: 480-111133-1

Client Sample ID: P1QD

Date Collected: 12/14/16 12:25

Date Received: 12/15/16 02:00

Lab Sample ID: 480-111133-4

Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.44		0.020	0.0030	mg/L		12/16/16 11:47	12/19/16 18:42	1

TestAmerica Buffalo

Client Sample Results

Client: Spectra Environmental Group
Project/Site: TCLP Lead Soil Analysis

TestAmerica Job ID: 480-111133-1

Client Sample ID: P2QA

Date Collected: 12/14/16 10:50

Date Received: 12/15/16 02:00

Lab Sample ID: 480-111133-5

Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.22		0.020	0.0030	mg/L		12/16/16 11:47	12/19/16 18:46	1

TestAmerica Buffalo

Client Sample Results

Client: Spectra Environmental Group
Project/Site: TCLP Lead Soil Analysis

TestAmerica Job ID: 480-111133-1

Client Sample ID: P2QB

Date Collected: 12/14/16 10:38

Date Received: 12/15/16 02:00

Lab Sample ID: 480-111133-6

Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.24		0.020	0.0030	mg/L		12/16/16 11:47	12/19/16 18:50	1

TestAmerica Buffalo

Client Sample Results

Client: Spectra Environmental Group
Project/Site: TCLP Lead Soil Analysis

TestAmerica Job ID: 480-111133-1

Client Sample ID: P2QC

Date Collected: 12/14/16 11:02

Date Received: 12/15/16 02:00

Lab Sample ID: 480-111133-7

Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.20		0.020	0.0030	mg/L		12/16/16 11:47	12/19/16 18:54	1

TestAmerica Buffalo

Client Sample Results

Client: Spectra Environmental Group
Project/Site: TCLP Lead Soil Analysis

TestAmerica Job ID: 480-111133-1

Client Sample ID: P2QD

Date Collected: 12/14/16 00:00

Date Received: 12/15/16 02:00

Lab Sample ID: 480-111133-8

Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.63		0.020	0.0030	mg/L		12/16/16 11:47	12/19/16 18:58	1

QC Sample Results

Client: Spectra Environmental Group
Project/Site: TCLP Lead Soil Analysis

TestAmerica Job ID: 480-111133-1

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-336827/2-A
Matrix: Solid
Analysis Batch: 337246

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 336827

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.020	0.0030	mg/L		12/16/16 11:47	12/19/16 17:48	1

Lab Sample ID: LCS 480-336827/3-A
Matrix: Solid
Analysis Batch: 337246

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 336827

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	1.00	1.08		mg/L		108	80 - 120

Lab Sample ID: LB 480-336513/1-C
Matrix: Solid
Analysis Batch: 337246

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 336827

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.020	0.0030	mg/L		12/16/16 11:47	12/19/16 17:44	1

TestAmerica Buffalo

QC Association Summary

Client: Spectra Environmental Group
Project/Site: TCLP Lead Soil Analysis

TestAmerica Job ID: 480-111133-1

Metals

Leach Batch: 336513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-111133-1	P1QA	TCLP	Solid	1311	
480-111133-2	P1QB	TCLP	Solid	1311	
480-111133-3	P1QC	TCLP	Solid	1311	
480-111133-4	P1QD	TCLP	Solid	1311	
480-111133-5	P2QA	TCLP	Solid	1311	
480-111133-6	P2QB	TCLP	Solid	1311	
480-111133-7	P2QC	TCLP	Solid	1311	
480-111133-8	P2QD	TCLP	Solid	1311	
LB 480-336513/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 336827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-111133-1	P1QA	TCLP	Solid	3010A	336513
480-111133-2	P1QB	TCLP	Solid	3010A	336513
480-111133-3	P1QC	TCLP	Solid	3010A	336513
480-111133-4	P1QD	TCLP	Solid	3010A	336513
480-111133-5	P2QA	TCLP	Solid	3010A	336513
480-111133-6	P2QB	TCLP	Solid	3010A	336513
480-111133-7	P2QC	TCLP	Solid	3010A	336513
480-111133-8	P2QD	TCLP	Solid	3010A	336513
LB 480-336513/1-C	Method Blank	TCLP	Solid	3010A	336513
MB 480-336827/2-A	Method Blank	Total/NA	Solid	3010A	
LCS 480-336827/3-A	Lab Control Sample	Total/NA	Solid	3010A	

Analysis Batch: 337246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-111133-1	P1QA	TCLP	Solid	6010C	336827
480-111133-2	P1QB	TCLP	Solid	6010C	336827
480-111133-3	P1QC	TCLP	Solid	6010C	336827
480-111133-4	P1QD	TCLP	Solid	6010C	336827
480-111133-5	P2QA	TCLP	Solid	6010C	336827
480-111133-6	P2QB	TCLP	Solid	6010C	336827
480-111133-7	P2QC	TCLP	Solid	6010C	336827
480-111133-8	P2QD	TCLP	Solid	6010C	336827
LB 480-336513/1-C	Method Blank	TCLP	Solid	6010C	336827
MB 480-336827/2-A	Method Blank	Total/NA	Solid	6010C	336827
LCS 480-336827/3-A	Lab Control Sample	Total/NA	Solid	6010C	336827

TestAmerica Buffalo

Lab Chronicle

Client: Spectra Environmental Group
Project/Site: TCLP Lead Soil Analysis

TestAmerica Job ID: 480-111133-1

Client Sample ID: P1QA

Date Collected: 12/14/16 12:00

Date Received: 12/15/16 02:00

Lab Sample ID: 480-111133-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			336513	12/15/16 08:05	MAS	TAL BUF
TCLP	Prep	3010A			336827	12/16/16 11:47	MVZ	TAL BUF
TCLP	Analysis	6010C		1	337246	12/19/16 18:31	LMH	TAL BUF

Client Sample ID: P1QB

Date Collected: 12/14/16 12:11

Date Received: 12/15/16 02:00

Lab Sample ID: 480-111133-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			336513	12/15/16 08:05	MAS	TAL BUF
TCLP	Prep	3010A			336827	12/16/16 11:47	MVZ	TAL BUF
TCLP	Analysis	6010C		1	337246	12/19/16 18:35	LMH	TAL BUF

Client Sample ID: P1QC

Date Collected: 12/14/16 12:17

Date Received: 12/15/16 02:00

Lab Sample ID: 480-111133-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			336513	12/15/16 08:05	MAS	TAL BUF
TCLP	Prep	3010A			336827	12/16/16 11:47	MVZ	TAL BUF
TCLP	Analysis	6010C		1	337246	12/19/16 18:39	LMH	TAL BUF

Client Sample ID: P1QD

Date Collected: 12/14/16 12:25

Date Received: 12/15/16 02:00

Lab Sample ID: 480-111133-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			336513	12/15/16 08:05	MAS	TAL BUF
TCLP	Prep	3010A			336827	12/16/16 11:47	MVZ	TAL BUF
TCLP	Analysis	6010C		1	337246	12/19/16 18:42	LMH	TAL BUF

Client Sample ID: P2QA

Date Collected: 12/14/16 10:50

Date Received: 12/15/16 02:00

Lab Sample ID: 480-111133-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			336513	12/15/16 08:05	MAS	TAL BUF
TCLP	Prep	3010A			336827	12/16/16 11:47	MVZ	TAL BUF
TCLP	Analysis	6010C		1	337246	12/19/16 18:46	LMH	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Spectra Environmental Group
Project/Site: TCLP Lead Soil Analysis

TestAmerica Job ID: 480-111133-1

Client Sample ID: P2QB

Date Collected: 12/14/16 10:38

Date Received: 12/15/16 02:00

Lab Sample ID: 480-111133-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			336513	12/15/16 08:05	MAS	TAL BUF
TCLP	Prep	3010A			336827	12/16/16 11:47	MVZ	TAL BUF
TCLP	Analysis	6010C		1	337246	12/19/16 18:50	LMH	TAL BUF

Client Sample ID: P2QC

Date Collected: 12/14/16 11:02

Date Received: 12/15/16 02:00

Lab Sample ID: 480-111133-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			336513	12/15/16 08:05	MAS	TAL BUF
TCLP	Prep	3010A			336827	12/16/16 11:47	MVZ	TAL BUF
TCLP	Analysis	6010C		1	337246	12/19/16 18:54	LMH	TAL BUF

Client Sample ID: P2QD

Date Collected: 12/14/16 00:00

Date Received: 12/15/16 02:00

Lab Sample ID: 480-111133-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			336513	12/15/16 08:05	MAS	TAL BUF
TCLP	Prep	3010A			336827	12/16/16 11:47	MVZ	TAL BUF
TCLP	Analysis	6010C		1	337246	12/19/16 18:58	LMH	TAL BUF

Laboratory References:

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

Certification Summary

Client: Spectra Environmental Group
Project/Site: TCLP Lead Soil Analysis

TestAmerica Job ID: 480-111133-1

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	03-31-17
Analysis Method	Prep Method	Matrix	Analyte	

Method Summary

Client: Spectra Environmental Group
Project/Site: TCLP Lead Soil Analysis

TestAmerica Job ID: 480-111133-1

Method	Method Description	Protocol	Laboratory
6010C	Metals (ICP)	SW846	TAL BUF

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Spectra Environmental Group
Project/Site: TCLP Lead Soil Analysis

TestAmerica Job ID: 480-111133-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-111133-1	P1QA	Solid	12/14/16 12:00	12/15/16 02:00
480-111133-2	P1QB	Solid	12/14/16 12:11	12/15/16 02:00
480-111133-3	P1QC	Solid	12/14/16 12:17	12/15/16 02:00
480-111133-4	P1QD	Solid	12/14/16 12:25	12/15/16 02:00
480-111133-5	P2QA	Solid	12/14/16 10:50	12/15/16 02:00
480-111133-6	P2QB	Solid	12/14/16 10:38	12/15/16 02:00
480-111133-7	P2QC	Solid	12/14/16 11:02	12/15/16 02:00
480-111133-8	P2QD	Solid	12/14/16 00:00	12/15/16 02:00

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information Client Contact: Ms. Yaicha Winters Company: Spectra Environmental Group Address: 19 British American Blvd City: Latham State, Zip: NY, 12110 Phone: 518-782-0882(Tel) Email: ywinters@spectraenv.com Project Name: TCLP Lead Soil Analysis Site:		Sampler: David Straw Lab PM: Deyo, Melissa L Phone: (518) 782-0882 E-Mail: melissa.deyo@testamericainc.com		COC No: 480-90161-21990.1 Page: Page 1 of 1 Job #:	
Due Date Requested: TAT Requested (days): PO #: Purchase Order not required WO #: Project #: 48015151 SSOW#:		Analysis Request: 480-111133 COC			
Sample Identification Sample Date Sample Time Sample Type (C=Comp, G=grab) Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)			
Special Instructions/Note:		Total Number of Containers:			
P1QA P1QB P1QC P1QD P2QA P2QB P2QC P2QD 12-14-16 Solid		12-14-16 12:00 C Solid 12:11 12:17 12:25 10:50 10:38 11:02 12-14-16 Solid			
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months Special Instructions/QC Requirements:			
Empty Kit Relinquished by: David Straw Relinquished by: RET 11/16 Relinquished by: RET 11/16 Date/Time: 12/14/16 13:50 Date/Time: 12-14-16, 19:00 Date/Time:		Date/Time: 12/14/16 13:50 Date/Time: 12-14-16, 13:50 Date/Time: 12-15-16 12:00 Date/Time:			
Custody Seals Intact: ☐ Yes ☐ No Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 0.2 #1			

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12/21/2016

Login Sample Receipt Checklist

Client: Spectra Environmental Group

Job Number: 480-111133-1

Login Number: 111133

List Source: TestAmerica Buffalo

List Number: 1

Creator: Williams, Christopher S

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

ASR Waste Removal/Shipping Summary

Roth Steel - Hiawatha Blvd, Syracuse					
Date	Truck#	Disposal Facility	Manifest#	Disposal Ticket #	Weight
2/20/2017	112	Seneca	1191	2952486	14.89
2/20/2017	106	Seneca	1194	2952201	27.41
2/20/2017	115	Seneca	1195	2952199	24.65
2/20/2017	109	Ontario	1196	727754	11.31
2/20/2017	113	Ontario	1197	727755	10.45
2/20/2017	107	Ontario	1198	727765	14.34
2/20/2017	112	Ontario	1199	727764	13.26
2/20/2017	107	Seneca	1317	2952484	20.53
2/20/2017	106	Seneca	1318	2952388	31.29
2/20/2017	115	Seneca	1320	2952384	33.77
2/20/2017	113	Ontario	1201	727812	15.42
2/20/2017	109	Ontario	1200	727811	14.71
2/21/2017	109	Ontario	1765	727884	17.92
2/21/2017	112	Ontario	1766	727905	14.39
2/21/2017	115	Seneca	1767	2952730	38.02
2/21/2017	106	Seneca	1768	2952750	36.03
2/21/2017	112	Ontario	1769	727960	16.83
2/21/2017	107	Ontario	1770	727907	14.66
2/21/2017	109	Ontario	1771	727942	15.56
2/21/2017	115	Seneca	1772	2952888	38.01
2/21/2017	106	Seneca	1773	2952916	36.54
2/21/2017	107	Ontario	1774	727962	19.59
2/21/2017	109	Seneca	1775	2953011	18.44
2/21/2017	106	Seneca	1777	2953067	32.08
2/21/2017	107	Seneca	1779	2953102	20.08
2/21/2017	115	Seneca	1776	2953037	38.16
2/21/2017	112	Seneca	1778	2953069	18.22
2/22/2017	115	Seneca	1780	2953314	38.02
2/22/2017	116	Seneca	1781	2953363	36.74
2/22/2017	106	Seneca	1782	2953322	33.63
2/22/2017	113	Ontario	1783	728072	20.01
2/22/2017	112	Ontario	1784	728071	18.65
2/22/2017	115	Seneca	1785	2953470	32.76
2/22/2017	116	Seneca	1786	2953557	35.49
2/22/2017	113	Ontario	1787	728174	16.9
2/22/2017	106	Seneca	1788	2953673	33.96
2/22/2017	112	Ontario	1789	728173	17.43
2/22/2017	115	Seneca	1790	2953665	33.86
2/22/2017	116	Seneca	1794	2953683	35.74
2/23/2017	106	Seneca	1791	2953928	30.99
2/23/2017	112	Ontario	1792	728227	16.06
2/23/2017	113	Ontario	1793	728228	14.86
2/23/2017	115	Seneca	1795	2953911	32.11
2/23/2017	116	Seneca	1796	2953921	29.61
2/23/2017	109	Ontario	1797	728210	18.86

ASR Waste Removal/Shipping Summary

2/23/2017	106	Seneca	1798	2954187	25.19
2/23/2017	112	Ontario	1799	728290	15.09
2/23/2017	113	Ontario	1800	728289	18.52
2/23/2017	116	Seneca	1801	2954101	23.21
2/23/2017	115	Seneca	1802	2954089	22.68
2/23/2017	115	Seneca	1803	2954273	22.14
2/23/2017	109	Ontario	1804	728265	17.69
2/23/2017	112	Ontario	1805	728351	13.2
2/23/2017	109	Ontario	1807	728321	17.3
2/23/2017	116	Seneca	1808	2954279	25.66
2/23/2017	113	Ontario	1806	728349	13.2
2/27/2017	105	Seneca	1810	2955270	34.88
2/27/2017	115	Ontario	1809	728566	40.33
2/27/2017	116	Ontario	1811	728578	33.28
2/27/2017	105	Seneca	1812	2955467	33.1
2/27/2017	115	Seneca	1813	2955471	33.32
2/27/2017	116	Seneca	1814	2955534	25.93
2/27/2017	105	Seneca	1815	2855627	26.71
2/28/2017	115	Seneca	1817	2955832	27
2/28/2017	116	Seneca	1816	2955842	30.17
2/28/2017	105	Seneca	1323	2956166	33.09
2/28/2017	116	Ontario	1322	728765	34.36
2/28/2017	115	Ontario	1321	728752	32.72
2/28/2017	105	Seneca	1818	2955963	30.17
2/28/2017	116	Seneca	1325	2956255	35.84
2/28/2017	105	Seneca	1324	2956217	30.89
3/1/2017	105	Seneca	1326	2956630	30.15
3/2/2017	116	Seneca	1336	2957154	33.24
3/2/2017	105	Seneca	1335	2957126	33.08
3/2/2017	115	Seneca	1334	2957026	37.08
3/6/2017	115	Seneca	1347	2958717	29.96
3/6/2017	116	Seneca	1345	2958577	33.07
3/6/2017	112	Ontario	1348	729401	16.57
3/6/2017	113	Ontario	1349	729402	16.21
3/6/2017	115	Seneca	1338	2958564	32.31
3/6/2017	105	Seneca	1337	2958545	34.19
3/6/2017	113	Ontario	1340	729347	17.47
3/6/2017	112	Ontario	1341	729346	15.82
3/6/2017	116	Seneca	1328	2958852	29.64
3/6/2017	115	Seneca	1339	2958877	32.12
3/6/2017	112	Ontario	1329	729450	16.72
3/6/2017	113	Ontario	1330	729451	18.15
3/6/2017	105	Seneca	1346	2958688	30.02
3/6/2017	105	Seneca	1327	2958840	31.07
3/7/2017	115	Ontario	1887	728635	33.87
3/7/2017	107	Ontario	1358	729541	9.3
3/7/2017	105	Seneca	1886	2959377	30.9

ASR Waste Removal/Shipping Summary

3/7/2017	107	Ontario	1889	729505	20.18
3/7/2017	116	Seneca	1888	2959393	33.8
3/7/2017	105	Seneca	1354	2959134	31.57
3/7/2017	115	Ontario	1342	729504	33.5
3/7/2017	115	Ontario	1356	729571	32
3/7/2017	116	Seneca	1355	2959167	
Total					2509.9

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number <i>NYR000414784</i>		2. Page 1 of <i>1</i>	3. Emergency Response Phone <i>800.59.0556</i>		4. Waste Tracking Number 2188	
		5. Generator's Name and Mailing Address <i>Chenango Co. IDA 337 W. Main St Saratoga Springs, NY 12159 Generator's Phone: <i>518.583.7700</i></i>		Generator's Site Address (if different than mailing address) <i>544 West St Saratoga Springs, NY 518.583.7700</i>				
6. Transporter 1 Company Name FINGER LAKES ENVIROTECH, LLC		U.S. EPA ID Number NYR00178632						
7. Transporter 2 Company Name		U.S. EPA ID Number						
8. Designated Facility Name and Site Address <i>Environmental Waste Management 1000 W. Main St Saratoga Springs, NY 12159 Facility's Phone: <i>518.583.7700</i></i>		U.S. EPA ID Number						
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.			
		No.	Type					
1. <i>1000 lbs. of waste</i>		<i>4</i>	<i>DM</i>	<i>400</i>	<i>lb</i>			
2.								
3.								
4.								
13. Special Handling Instructions and Additional Information								
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/Offor's Printed/Typed Name <i>William C. Moore as Agent</i>				Signature <i>[Signature]</i>		Month Day Year <i>3 7 17</i>		
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
16. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name <i>William Moore</i>				Signature <i>[Signature]</i>		Month Day Year <i>3 7 17</i>		
Transporter 2 Printed/Typed Name				Signature		Month Day Year		
17. Discrepancy								
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection								
17b. Alternate Facility (or Generator)				Manifest Reference Number: _____ 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 <i>[Signature]</i>				Signature <i>[Signature]</i>		Month Day Year <i>4 18 17</i>		