

engineering and constructing a better tomorrow

March 2, 2017

Mr. David Chiusano

Division of Environmental Remediation

New York State Department of Environmental Conservation

625 Broadway, 12th Floor

Albany, New York 12233-7017

Subject: Surficial Debris Pile Characterization and Asbestos Containing Material Survey

Batavia Iron and Metal (NYSDEC Site 819018)

MACTEC Engineering and Consulting, P.C., Project No. 3617137301

Dear Mr. Chiusano:

MACTEC Engineering and Consulting, P.C. (MACTEC), under contract to the New York State Department of Environmental Conservation (NYSDEC), is pleased to submit this report outlining results of the surficial debris pile sampling at the Batavia Iron and Metal Company, Inc., Site (Site). The work documented in this report was completed in accordance with the NYSDEC requirements in Work Assignment #D007619-25 under the Superfund Standby Contract between MACTEC and the NYSDEC.

OBJECTIVES

The purpose of the 2016 field-sampling program was to characterize surface waste materials and waste material within the on-Site debris piles in preparation for a future off-site disposal action under an Interim Remedial Measure (IRM). The ultimate goal of the IRM is to facilitate site access for subsequent pre-design investigation activities at the Site prior to implementation of the remedial action.

BACKGROUND

The Batavia Iron and Metal Company, Inc. Site (formerly Batavia Waste Material Co.) is located at 301 Bank Street in the City of Batavia, Genesee County, New York (Figure 1). The Site occupies an approximately 6.8 acres parcel; Figure 2 shows the Site boundary and bordering geographic features. The Site was formerly used to reclaim iron, metal, and wire materials for sale to recycling and manufacturing firms. In addition, the former Site owners reportedly conducted demolition work. Site topography generally slopes downward from north to south. A small portion of federal wetlands appears to be located in the northeast corner of the Site.

The majority of the Site is unpaved and consists of either gravel areas or overgrown vegetation. Site features leftover from historic metals salvage and demolition activities include an approximate 8,000 square foot main building, remnants of former structures, an empty above ground storage tank, and large amounts of surficial waste debris (i.e., concrete block, scrap metal, wood crates, rubber tires, propane tanks, steel drums, storage tanks, etc.) found throughout the Site.

PREVIOUS INVESTIGATIONS

Previous investigations to evaluate the extent of impact from Site contaminants were conducted at the Site between 2004 and 2010. Details of these investigations are discussed in the Site Investigation and Remedial Alternatives Report (SIR) prepared by GZA GeoEnvironmental (GZA) (GZA, 2012). Subsequent to the submittal of the SIR, a Record of Decision was issued (NYSDEC, 2013) which summarizes the results of GZA's investigation and identifies the selected remedy to address contaminated soil and groundwater at the Site.

In 2014, MACTEC subcontracted Lu Engineers (Lu) to visually characterize and quantify waste materials contained within on-Site debris piles. In October 2014, Lu identified twelve distinct debris piles containing a mixture of various materials, including concrete blocks, scrap metal, wood crates, rubber tires, propane tanks, steel drums, storage tanks, and various construction and demolition debris. The location, estimated volumes, and types of waste observed within each pile, including photographs, is included in the Waste Pile Characterization Report (Lu, 2014); locations of the piles are shown on Figure 2.

2016 FIELD ACTIVITIES AND FINDINGS

The 2016 field activities consisted of the following three primary tasks:

- 1) Characterize the non-asbestos contaminants present in the waste piles to collect the necessary data for a future IRM disposal action,
- 2) Characterize the asbestos contaminants present in the waste piles to collect the necessary data for a future IRM disposal action, and
- 3) Evaluate the surface soils on the adjacent town owned property to ascertain if polychlorinated biphenyls (PCBs) are present above the residential Soil Cleanup Objectives (SCOs).

Debris Pile Waste Characterization – Non-Asbestos Parameters

MACTEC collected soil samples from within on-Site debris piles to characterize waste materials for disposal during a future IRM. Samples were collected from within the twelve piles shown on Figure 2, and sampled according to the Sampling and Analytical Schedule provided in Table 1. Soil sample collection frequency was based on the volume estimate of the piles (Table 1) and conducted in accordance with Department of Environmental Remediation-10 Table 5.4(e)10 (NYSDEC, 2010).

Soil samples were collected by hand with disposable gloves. Sample locations and descriptions are included on the field data records (FDRs) included in Attachment 1. Discrete and composite samples were collected from each of the twelve debris pile shown on Figure 2. Following collection of discrete soil samples for toxicity characterization leaching procedure (TCLP) volatile organic compound (VOC) analysis by United States Environmental Protection Agency (USEPA) Methods 1311/8260, MACTEC's field representative prepared each composite sample by placing soil material from two to four discrete locations into an aluminum foil lined bowl and blending the material into a uniform mixture prior to placing in sample bottles. Composite samples were analyzed for TCLP semi-VOCs (Methods 1311/8270C), TCLP Metals (Methods 1311/6010B/7470), TCLP Pesticides (Methods 1311/8081B), TCLP Herbicides (Methods 1311/8151A), total PCBs (Method 8082), ignitability, corrosivity, and reactivity.

Laboratory analysis was performed by TestAmerica, under direct contract to the NYSDEC. Laboratory analytical results are presented in Attachment 2. In addition, total PCB concentrations for the composite samples from each pile are presented on Figure 2.

Asbestos-Containing Materials Survey and Sampling

MACTEC conducted the asbestos-containing materials (ACM) survey in general accordance with ASTM International E2356-04 *Standard Practice for Comprehensive Building Asbestos Surveys*. ASTM International E2356-04 meets the applicable requirements of current USEPA National Emission Standards for Hazardous Air Pollutants Standard 40 Code of Federal Regulations (CFR) 61, Subpart M (Asbestos), USEPA Asbestos Hazard Emergency Response Act Standard 40 CFR 763, Subpart E, and Occupational Safety and Health Administration asbestos survey and sampling regulations.

The ACM survey included visual inspection of the 12 debris piles to identify the presence and location of potential ACM in the debris piles. Based on the visual inspection, 43 samples were obtained from within (or near) piles 2, 7, 10, 11, and 12, where potential ACM was identified. In addition, possible ACM was identified and three additional samples were collected within the small cement block building located just north of the main site building.

Based on the survey and sampling, ACM (i.e., material containing greater than one percent asbestos) was identified within or near Pile 2 and Pile 7.

ACM was not confirmed for the samples collected within the cement block building.

The completed ACM Survey Report describing sampling procedures, sampling locations, and sample results is included in Attachment 3.

Polychlorinated Biphenyls (PCB) Surface Sampling and Analysis

The western portion of the Site abuts City of Batavia owned property (see Figure 2). To evaluate whether PCB contamination exists on the City property as a result of the debris piles that straddle the western boundary line, MACTEC collected seven surface soil samples (SS-39 to SS-46) just west of the Site boundary. Samples were collected along paths in the partially wooded area (Figure 2).

Discrete surface soil samples were collected by hand using disposable gloves. Sample type and locations are described on FDRs included in Attachment 1. Laboratory analysis was performed by TestAmerica, under direct contract to the NYSDEC. Laboratory analytical results are presented in Attachment 2. Surface soil sample locations and total PCB concentrations are presented on Figure

2. As indicated on Figure 2 and in Attachment 2, PCBs were detected on City property at concentrations greater than the Residential Use SCO of 1 milligram per kilogram.

Based on the detection of PCBs in off-Site soils, additional sampling to evaluate the extent of contamination was conducted by MACTEC in November 2016 at NYSDEC's request. A subsequent report presenting results of the additional sampling will incorporate sample results from SS-39 to SS-46, and will include a Data Usability Summary Report.

If you have questions or concerns, please feel free to call us at 207-775-5401.

Sincerely,

MACTEC Engineering and Consulting, P.C.

Charles R. Staples

File

Senior Scientist

Mark J. Stelmack, PE

Project Manager

Enclosures:

cc:

Figure 1

Figure 2

Table 1

Attachment 1: Field Data Records

Attachment 2: Laboratory Analytical Results

Attachment 3: Asbestos Containing Material Survey

REFERENCES

- GZA GeoEnvironmental, 2012. Site Investigation and Remedial Alternatives Report Batavia Iron and Metal Site 301-305 Bank Street Batavia New York. June 2012.
- Lu Engineers, 2014. Batavia Iron and Metal Company, Inc., Site Waste Characterization Report; prepared for MACTEC Engineering and Consulting, P.C. October 2014.
- New York State Department of Environmental Conservation (NYSDEC), 2013. Record of Decision, Batavia Iron and Metal company, Inc., Batavia, Genesee County, New York, Site No. 819018. April 2013.

NYSDEC, 2010. DER-10, Technical Guidance for Site Investigation and Remediation. May 3, 2010.

LIST OF ACRONYMS

ACM Asbestos-Containing Material

CFR Code of Federal Regulations

FDR Field Data Record

GZA GeoEnvironmental

IRM Interim Remedial Measure

Lu Engineers

MACTEC Engineering & Consulting, P.C.

NYSDEC New York State Department of Environmental Conservation

PCB Polychlorinated Biphenyl

SCO Soil Cleanup Objectives

SIR Site Investigation and Remedial Alternatives Report

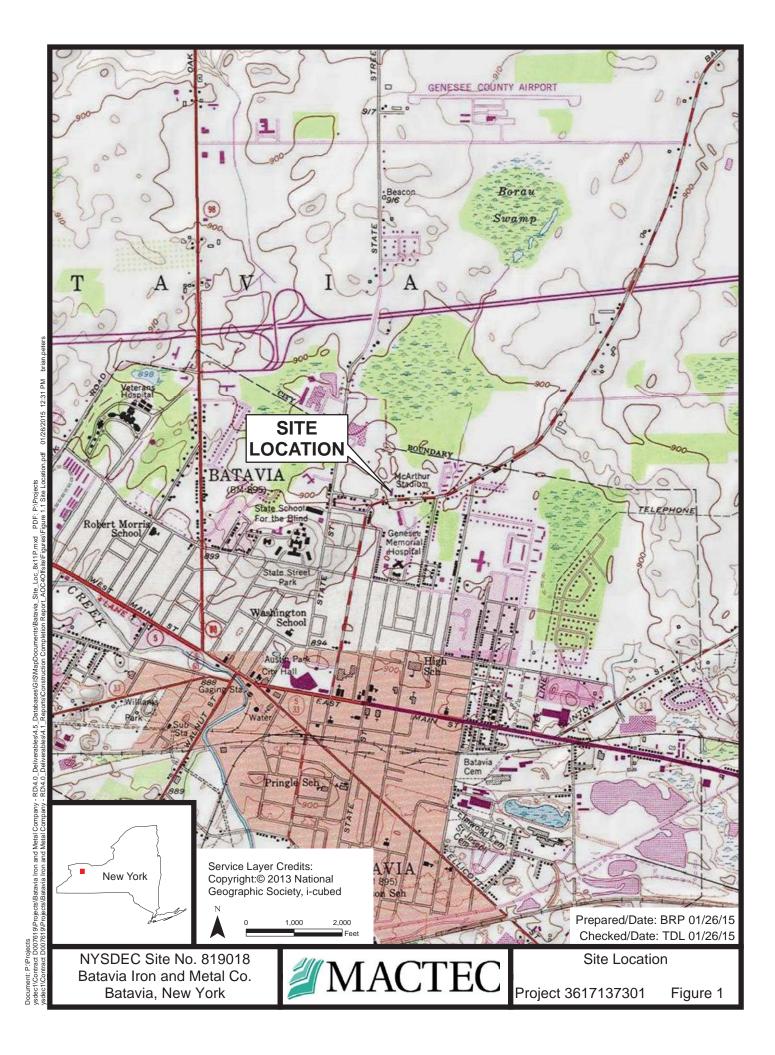
Site Batavia Iron and Metal Company, Inc., Site

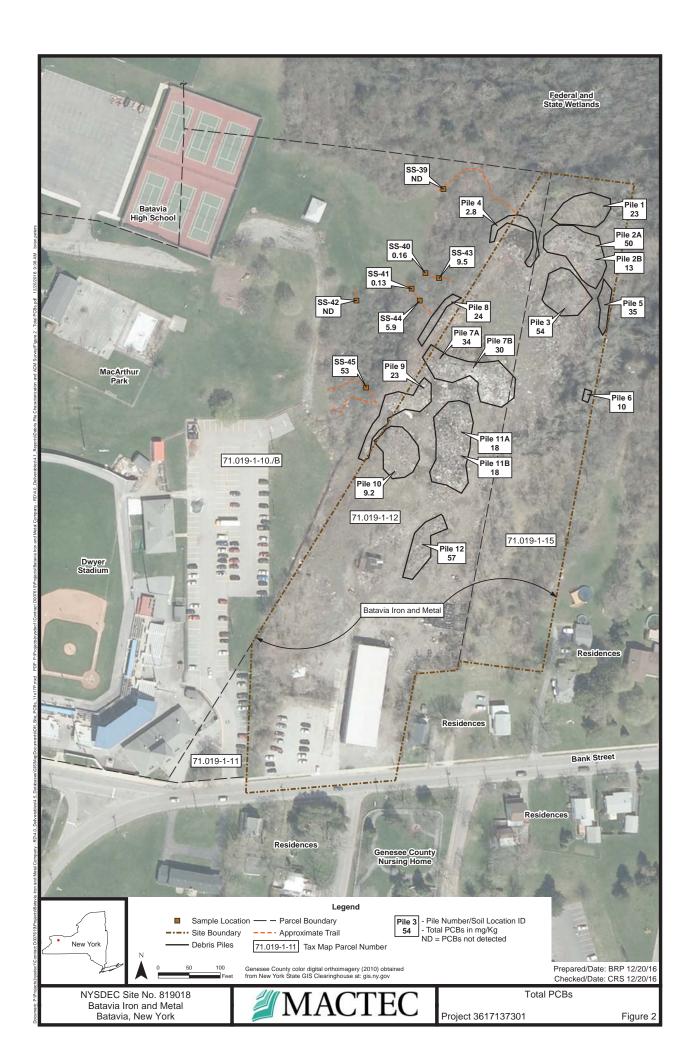
TCLP Toxicity Characterization Leaching Procedure

USEPA United States Environmental Protection Agency

VOC Volatile Organic Compound

FIGURES





TABLE

Table 1
Sampling and Analytical Schedule
Waste Pile Soil Characterization Samples

Pile Number	Pile Volume (cubic yards)	Number of Discrete Samples	Number of Composite Samples	Sample ID	Analysis QC Code	TCLP VOCs 1311/8260B	Composite Sample ID						
				819018SS001000XX	FS	X							
Pile-01	190	3	1	819018SS002000XX	FS	X	819018WC001000XX						
				819018SS003000XX	FS	X	1						
				819018SS004000XX	FS	X							
				819018SS005000XX	FS	X	819018WC02A000XX						
		_		819018SS006000XX	FS	X							
Pile-02	625	6	2	819018SS007000XX	FS	X							
				819018SS008000XX	FS	X	819018WC02B000XX						
				819018SS009000XX	FS	X							
				819018SS010000XX	FS	X							
				819018SS011000XX	FS	X							
Pile-03	215	4	1	819018SS012000XX	FS	X	819018WC003000XX						
				819018SS013000XX	FS	X							
				819018SS014000XX	FS	X							
Pile-04	55	2	1	819018SS015000XX	FS	X	819018WC004000XX						
				819018SS016000XX	FS	X							
Pile-05	53	2	1	819018SS017000XX	FS	X	819018WC005000XX						
Pile-06	9	1	1	819018SS018000XX	FS	X	819018WC006000XX						
File-00	1 1	7	7	7	7	· · · · · · · · · · · · · · · · · · ·	7	9	1	819018SS019000XX	FS	X	819018 W C0000000X2
	Pile-07 480 5	5		819018SS020000XX	FS	X	819018WC07A000XX						
Pile-07				819018SS021000XX	FS	X	619016 W CU/A000A2						
Pile-07	480	3	2	819018SS022000XX	FS	X							
				819018SS022000XX 819018SS023000XX	FS	X	819018WC07B000X2						
				819018SS024000XX	FS	X							
Pile-08	70	2	1	819018SS024000XX 819018SS025000XX	FS FS	X	819018WC008000XX						
D:1 00	120	2		819018SS026000XX	FS	X	0100101177700000017						
Pile-09	120	3	1	819018SS027000XX	FS	X X	819018WC009000XX						
				819018SS028000XX	FS								
DU 10	4-1			819018SS029000XX	FS	X	040040**********						
Pile-10	164	3	1	819018SS030000XX	FS	X	819018WC010000XX						
				819018SS031000XX	FS	X							
				819018SS032000XX	FS	X	819018WC11B000XX						
				819018SS033000XX	FS	X							
Pile-11	460	5	2	819018SS034000XX	FS	X							
				819018SS035000XX	FS	X	819018WC11A000X2						
				819018SS036000XX	FS	X							
Pile-12	100	2	1	819018SS037000XX	FS	X	819018WC012000XX						
1110 12	100	2	1	819018SS038000XX	FS	X	013010WC012000AA						
NOTES:				Total Analytical Sample	s by Method:	38	15						

 $TCLP = Toxicity\ Characteristic\ Leaching\ Procedure$

VOCs = Volatile organic compounds

Composite = analysis for TCLP semi-volatile organic compounds (Methods 1311/8270C), TCLP metals (Methods 1311/6010B/7470), TCLP Pesticides (Methods 1311/8081B), TCLP Herbicides (Methods 1311/8151A), Total polychlorinated biphenylss (Method 8082), ignitability, corrosivity, and reactivity.

QC Code = FS = Field Sample

Created by: CRS 8/18/16 Checked by: MJS 8/19/16

ATTACHMENT 1

FIELD DATA RECORDS

	SURFACE SOIL SA	MPLING RECORI		
MACTEC 511 Congress Street, Portland Maine 04101	PROJECT NAME Batavia Iron and Meter PROJECT NUMBER 3617137301	al	SAMPLE LOCATION PIROL START TIME 08 20	DATE 07/20/14 END TIME 0840
	SAMPLE ID	SAMPLE TIME	SITE NAME/NUMBER	PAGE
SAMPLE INFORMATION	Se below	Seebelow	819018	OF
TYPE OF SAMPLE	SAMPLE INTERVAL:	COLLECTION	EQUIPMENT DI	CON FLUIDS USED
DISCRETE COMPOSITE OC SAMPLES DUPL ECTIVE MS/MSD: YES NO	TOP BOTTOM O. Y TYPE OF MATERIAL: ORGANIC SAND GRAVEL CLAY FILL OTHER	SAMPLE OBSER ODOR COLOR	BARREL MPAN BL (not in contect) ON/SPATULA ET Little Glune RVATIONS A FIELD	ALL USED LIQUINOX/DI H ₂ O SOLUTION DEIONIZED WATER POTABLE WATER NITRIC ACID HEXANE 25% METHANOL/75% ASTM TYPE II H ₂ O ETHYL ALCOHOL
		PID	d til	YES NO
ANALYTICAL PARAMETERS				
TCLP VOCs TCLP SVOCs TCLP Metals TCLP Pesticides TCLP Herbicides Total PCBs Ignitability Corrosivity Reactivity Leactivity Leactivity Reactivity Leactivity L	METHOD NUMBER PRESERVATION METHOD 1311/8260B 1311/8270C 1311/60108/7470 1311/8081B 1311/8151A 8082' 1030' 9045C CH7 Q0 34, T012, 90350	4 oz 3 z oz 3 z oz 4 oz 3 z oz 4 oz 8 oz 9 oz 9 oz 5 sketch Discrete Discrete	320032810P18 :	000 XX (0880) 000 XX (0845)
1		Discrete = Composite :	vocs only all other promo-	ctor
Sampler Signature: Checked By: C. Stepler	Print Name: Dylanfavral Date: 10/17//6			FIGURE 4.13 DIL SAMPLING RECORD RANCE PROJECT PLAN

SURFACE SOIL SAMPLING RECORD				
MACTEC 511 Congress Street, Portland Maine 04101	PROJECT NAME Batavia Iron and Me PROJECT NUMBER 3617137301	tal	SAMPLE LOCATION PILE 02 START TIME 0850	DATE 07/20/15 END TIME 0940
	SAMPLE ID	SAMPLE TIME	SITE NAME/NUMBER	PAGE
SAMPLE INFORMATION	see ledo w	See helmu	819018	OF \
TYPE OF SAMPLE	SAMPLE INTERVAL:	COLLECTION	N EQUIPMENT D	DECON FLUIDS USED
DISCRETE COMPOSITE	BOTTOM 6-%	HAND AU S.S. SPLIT ALUMINIU	⊢√	ALL USED LIQUINOX/DI H ₂ O SOLUTION DEIONIZED WATER
QC SAMPLES	TYPE OF MATERIAL:	TOTAL TOTAL STREET	EL (notin water	POTABLE WATER NITRIC ACID
DUPLE	ORGANIC SAND GRAVEL	S.S. BUCK	sittile Glove	HEXANE 25% METHANOL/75% ASTM TYPE II H ₂ C ETHYL ALCOHOL
MS/MSD: VES	FILL	SAMPLE OBSE		D SKETCH SHOWN/ATTACHED
NO NO	OTHER	OTHER A	NA NA	YES NO
ANALYTICAL PARAMETERS		£4		
PARAMETER	METHOD NUMBER PRESERVATIO METHOD	N VOLUME REQUIE	RED SAMPLE QC COLLECTED COLLECTI	SAMPLE BOTTLE ID ED NUMBERS
TCLP VOCs	1311/8260B Alone	402	V μ	que veco is
TCLP SVOCs	1311/8270C	3202	- + +	
TCLP Metals TCLP Pesticides	1311/6010B/7470 1311/8081B			
TCLP Herbicides	1311/8151A			
Total PCBs	8082'			
Ignitability	1030'	402		
Corrosivity Reactivity	9045C CH7	802		
pend. St., Co, pH	7074, 9012, 90450			
NOTES		SKETCH		<u> </u>
Pile 6	12	PARTICIPATION INC.	@in 9 cC an ii o o o o	~ (1910)
		1825(5225) 20 (6)	81961855804000	_ 17 18
			81401822002 000 X	
		24 10 40	81901855000000	40.
		Discrete:	00 F00 22810 P18	o xx (dss)
		Discrete:	8140182200800	a xx (odsa)
55-05		Discrete:	81401822 004 00	28 104-14 6
55-04	\$5-06	~		00 22 (OOPD) XX000A
4	5508 5509		: 89018WC02	B000 XX (405)
٨		Discrete = vo Composite = a	conly	80053
Sampler Signature:	Print Name: Dylanfarrel 1			FIGURE 4.13
Checked By: C. Stanley	Date: 60/17/16			OIL SAMPLING RECORD URANCE PROJECT PLAN

	SURFACE SOIL SAMPLING RECORD				
MACTEC 511 Congress Street, Portland Maine 04101	PROJECT NAME Batavia Iron and Met PROJECT NUMBER 3617137301	al	SAMPLE LOCATION Pile 03 START TIME 1555	DATE 07/19/16 EMIT IME (630	
SAMPLE INFORMATION	SAMPLE ID See below SAMPLE INTERVAL:	SAMPLE TIME See below	SITE NAME/NUMBER 819 018	PAGE OF DECON FLUIDS USED	
DISCRETE COMPOSITE OC SAMPLES DUPLICATE EQ BYK	TOP 6 BOTTOM 0.5 TYPE OF MATERIAL: ORGANIC SAND	S.S. SPLIT I ALUMINIU S.S. SHOVE HAND SPO S.S. BUCKE	BARREL M PAN EL (Notion contact ON/SPATULA	ALL USED LIQUINOX/DHI_O SOLUTION DEIONIZED WATER POTABLE WATER NITRIC ACID HEXANE 25% METHANOL/75% ASTM TYPE HI_G	
MS/MSD; YES NO	GRAVEL CLAY FILL (Value) OTHER		A FIELD	ETHYL ALCOHOL D.SKETCH SHOWN/ATTACHED YES NO	
ANALYTICAL PARAMETERS PARAMETER	METHOD NUMBER PRESERVATION METHOD	VOLUME REQUIR	ED SAMPLE QC COLLECTED COLLECTI	SAMPLE BOTTLE ID ED NUMBERS	
TCLP VOCs TCLP SVOCs TCLP Metals TCLP Pesticides TCLP Herbicides TCLP Herbicides Total PCBs Ignitability Corrosivity Reactivity Pecc. Sol, Co., p. kt.	1311/8260B 1311/8270C 1311/6010B/7470 1311/8081B 1311/8151A 8082* 1030* 9045C CH7 90.34, 9012, 9048	4 02 32 02 4 02 8 02	Y 1	700 help v	
NOTES Pile 6) 3	SKETCH DISCYCLE:	81901855010000	v (u ar	
549-0	~ 15-11		319018 65011 000	8 6	
	~ <u>```</u>	Discrete: 819018 55012000 XX (1615)			
	+ 555-10		81901855013 0		
	55-13	composite:	819018 WC 003	000 AX (1625)	
55-12		Discrek = (vocionly all other parameter	es.	
1			,		
Sampler Signature: Checked By: C, Staples	Print Name: 2ylan Fame! Date: 10/17/16	_1		FIGURE 4.13 DIL SAMPLING RECORD JRANCE PROJECT PLAN	

	SURFACE SOIL SA	MPLING RECOR	DS記憶是在2里10分別以	
MACTEC 511 Congress Street, Portland Maine 04101	PROJECT NAME Batavia Iron and Me PROJECT NUMBER	tal	SAMPLE LOCATION Pile 04 START TIME	DATE O7/19/16 END TIME
	3617137301 SAMPLE ID	SAMPLE TIME	/640 SITE NAME/NUMBER	1705 PAGE
	see below	See below	819018	f of 1
SAMPLE INFORMATION TYPE OF SAMPLE	SAMPLE INTERVAL:	COLLECTION	<u>EQUIPMENT</u>	DECON FLUIDS USED
DISCRETE COMPOSITE OC SAMPLES	BOTTOM 6.5	S.S. SPLIT I ALUMINIU S.S. SHOVE	1	ALL USED LIQUINOX/DI H ₂ O SOLUTION DEIONIZED WATER POTABLE WATER NITRIC ACID
DUPLICATE EQUIL MS/MSD: YES	ORGANIC SAND GRAVEL CLAY FILL	S.S. BUCKE OTHER	pitrile glove	HEXANE 25% METHANOL/75% ASTM TYPE II H ₂ 0 ETHYL ALCOHOL D SKETCH SHOWN/ATTACHED
NO	OTHER	COLOR DOTE OTHER WAS	bun te fill	YES NO
ANALYTICAL PARAMETERS	\$4.290.4554 doi:10.1015.73025			
PARAMETER TCLP VOCs	METHOD NUMBER PRESERVATION METHOD 1311/8260B NONE	VOLUME REQUIR	ED SAMPLE QC COLLECTED COLLECT	K 561
TCLP SVOCs	1311/8270C	3202		See below
TCLP Metals	1311/6010B/7470			
TCLP Pesticides TCLP Herbicides	1311/8081B 1311/8151A			
Total PCBs	8082*			
Ignitability	1030'	402		
Corrosivity	9045C	508		
Reactivity Peace Sulf, Cn, pH	9034 9012 90458			
NOTES		SKETCH		8
Pile	04		819018 85014 0	00 KK (1650)
	55-14	Discrete:	81901855015	٥٥٥ ٢٤ (١٤٤٤)
+-55-16		Composite	: 819018 WCOO	4 000 xx (1709)
		discrete = Composite	= all other prem	uter
4				
Sampler Signature:	Print Name: By lanfare 11			FIGURE 4.13
Checked By: C. Stepler	Date: 10/17/16		SURFACE S	OIL SAMPLING RECORD

	SURFACE SOIL SAI	IPLING RECORD	
MACTEC 511 Congress Street, Portland Maine 04101	PROJECT NAME Batavia Iron and Meta PROJECT NUMBER 3617137301	Pile 05	ATE 07/19/16 ND TIME /550
	SAMPLE ID See below	SAMPLE TIME SITE NAME/NUMBER PA	AGE OF
SAMPLE INFORMATION TYPE OF SAMPLE	SAMPLE INTERVAL:	CORRECTION AND AND AND AND AND AND AND AND AND AN	N FLUIDS USED
DISCRETE COMPOSITE OC SAMPLES DUPLICATION EQ BLA MS/MSD: YES NO	TYPE OF MATERIAL: ORGANIC SAND GRAVEL CLAY FILL OTHER	HAND AUGER/CORER S.S. SPLIT BARREL ALUMINIUM PAN S.S. SIIOVEL (Not in contact) HAND SPOON/SPATULA S.S. BUCKET OTHER MITTILE QLOW SAMPLE OBSERVATIONS	USED UINOX/DI H ₂ O SOLUTION ONIZED WATER 'ABLE WATER RIC ACID KANE METHANOL/75% ASTM TYPE II H ₂ C IYL ALCOHOL
ANALYTICAL PARAMETERS			
TCLP VOCS TCLP SVOCS TCLP Metals TCLP Pesticides TCLP Herbicides Total PCBs Ignitability Corrosivity Reactivity MAGENT SAL, Co., 4H NOTES Pile 65	METHOD NUMBER PRESERVATION METHOD 1311/8260B 1311/8270C 1311/8010B/7470 1311/8081B 1311/8151A 8082' 1030' 9045C CH7 9034, 9612, 9045D	SAMPLE COLLECTED COLLECTED 402 3202 403 SKETCH Discrete: 8190185501C 000 composite: 81901855017 000 Composite: 819018WCOOS Discrete = Uocronly Composite: all other parameter	K K (1230)
Sampler Signature: Checked By: C. Stocks	Print Name: Dylan Fame!	SURFACE SOIL: NYSDEC QUALITY ASSURA	FIGURE 4.13 SAMPLING RECORD

	SURFACE SOIL SA	MPLING RECORD	
MACTEC 511 Congress Street, Portland Maine 04101	PROJECT NAME Batavia Iron and Met PROJECT NUMBER 3617137301	SAMPLE LOCATION DATE PILE 06 97/19/16 START TIME END TIME 1230 /365	
SAMPLE INFORMATION	SAMPLE ID See below	SAMPLE TIME SITE NAME/NUMBER PAGE SIZE DELI-M SITE NAME/NUMBER PAGE OF	
TYPE OF SAMPLE DISCRETE	SAMPLE INTERVAL:	COLLECTION EQUIPMENT DECON FLUIDS USED HAND AUGER/CORER ALL USED	ļ
OC SAMPLES	TYPE OF MATERIAL:	S.S. SPLIT BARREI. ALUMINIUM PAN S.S. SHOVEL (rot 10 contact) LIQUINOX/DI H-O SOLUTION DEIONIZED WATER POTABLE WATER	11
DUPLES MS/MSD: YES NO	ORGANIC SAND GRAVEL CLAY FILL OTHER	HAND SPOON/SPATULA S.S. BUCKET OTHER MITRIC ACID HEXANE 25% METHANOL/75% ASTM TYPE ETHYL ALCOHOL SAMPLE OBSERVATIONS ODOR COLOR OTHER FILL DSKETCH SHOWN/ATTACHED YES NO	Ì
ANALYTICAL PARAMETERS		3	
TCLP VOCS TCLP SVOCS TCLP Metals TCLP Pesticides TCLP Herbicides TCLP Herbicides Total PCBs Ignitability Corresivity Reactive Jul, Con, ph	METHOD NUMBER 1311/8260B 1311/8270C 1311/6010B/7470 1311/8081B 1311/8151A 8082' 1030' 9045C CH7 9084, 9012, 40450	VOLUME REQUIRED VOLUME	
\$5-18 + -	Soils went high in byganic content	Composite: 819018 WC006 000 XX (1255) Discrete=VOC, only Composite= all other parameter)
Sampler Signature: Checked By: C1 Stoples	Print Name: Dylan Fame 11 Date: Lo/17/16	FIGURE 4 SURFACE SOIL SAMPLING RECO NYSDEC QUALITY ASSURANCE PROJECT PL	ORD

	SURFACE SOIL SA	MPLING RECOR	District	
MACTEC 511 Congress Street, Portland Maine 04101	PROJECT NAME Batavia Iron and Meta PROJECT NUMBER 3617137301		SAMPLE LOCATION Pile 07 START TIME /3/0	DATE • 7 / 19 / 16 END TIME / 415
SAMPLE INFORMATION TYPE OF SAMPLE	SAMPLE ID See beld to SAMPLE INTERVAL:	SAMPLE TIME SEE GOLLECTION	SITE NAME/NUMBER 819018 N EQUIPMENT	DECON FLUIDS USED
DISCRETE COMPOSITE OC SAMPLES	BOTTOM O.S	S.S. SPLIT ALUMINIT S.S. SHOV	IMPAN EL (motin contact)	ALL USED LIQUINOX/DI H ₂ O SOLUTION DEIONIZED WATER POTABLE WATER
MS/MSD: YES NO	ORGANIC SAND GRAVEL CLAY FILL OTHER	S.S. BUCK OTHER SAMPLE OBSE ODOR COLOR OTHER	RVATIONS	NITRIC ACID HEXANE 25% METHANOL/75% ASTM TYPE II H ₂ C ETHYL ALCOHOL LD SKETCH SHOWN/ATTACHED YES NO
ANALYTICAL PARAMETERS PARAMETER	METHOD NUMBER PRESERVATION METHOD	VOLUME REQUI	RED SAMPLE QC COLLECTED COLLEC	
TCLP VOCs TCLP SVOCs TCLP Metals TCLP Pesticides TCLP Herbicides Total PCBs Ignitability Corrosivity Reactivity Reactivity	1311/8260B 1311/8270C 1311/6010B/7470 1311/8081B 1311/8151A 8082' 1030' 9045C CH7 9024, 9042, 9045	4 02 32-02 4 02 8 02		See pelo m
NOTES PILE N SS-23	55-20	Discrete: Discrete:	814018220520 814018220 19 00 814018220 19 00	00 XX (1335)
55-24	55-21		AFOJW 810P18 FOOJW 810P18	000XX (1345) -
	Majority of pile is motorial, hard to find soils		= vocaly = all other par	ineters.
Sampler Signature:	Print Name: Dy Great tangel Date: 10/17//6			FIGURE 4.13 SOIL SAMPLING RECORD

THE STATE OF THE S	SURFACE SOIL SAM	IPLING RECORI	on a sure of the s	STATE OF THE STATE
MACTEC 511 Congress Street, Portland Maine 04101	PROJECT NAME Batavia Iron and Metal PROJECT NUMBER		SAMPLE LOCATION PILE 08 START TIME	DATE 07/19/1C END TIME
SAMPLE INFORMATION	SAMPLE ID 50e below	SAMPLE TIME	1415 SITE NAME/NUMBER 819618	PAGE OF
TYPE OF SAMPLE	SAMPLE INTERVAL:	COLLECTION	EQUIPMENT DE	CON FLUIDS USED
DISCRETE COMPOSITE OC SAMPLES	TYPE OF MATERIAL:		ARREL JPAN L (notin contact)	ALL USED LIQUINOX/DI H ₅ O SOLUTION DEIONIZED WATER POTABLE WATER NITRIC ACID
DUPLICATION EQ P.K MS/MSD: YES NO	ORGANIC SAND GRAVEL CLAY FILL OTHER	SAMPLE OBSER ODOR COLOR OTHER	VATIONS A FIELD:	HEXANE 25% METHANOL/75% ASTM TYPE II H ₂ ETHYL ALCOHOL SKETCH SHOWN/ATTACHED YES
ANALYTICAL PARAMETERS		PID		NO
PARAMETER TCLP VOCS TCLP SVOCS TCLP Metals TCLP Herbicides Total PCBs Ignitability Corrosivity Reactivity Pagether (M), Ch, MM NOTES	METHOD NUMBER 1311/8260B 1311/8270C 1311/6010B/7470 1311/8081B 1311/8151A 8082' 1030' 9045C CH7 9045C CH7 9024, 4012-, 4048	Discrete	819018 SS 024 00 : 819018 SS 024 00	SOOO XX (1435)
+-		discrete = composite =	vocs only all other parameter	·F
Sampler Signature: Checked By: C. Stepler	Print Name: Dylan Farres! Date: 19/7/16		SURFACE SON	FIGURE 4.13 IL SAMPLING RECORD RANCE PROJECT PLAN

计MPARTON TO A SERVICE AND A PE	SURFACE SOIL S	AMPLING RECORI) Start went	
MACTEC 511 Congress Street, Portland Maine 04101 SAMPLE INFORMATION	PROJECT NAME Batavia Iron and M PROJECT NUMBER 3617137301 SAMPLE ID 562 below	SAMPLE TIME	SAMPLE LOCATION PILE - 9 START TIME 1130 SITE NAME/NUMBER 819018	DATE 07/19/16 END TIME /200 PAGE 0F 1
TYPE OF SAMPLE	SAMPLE INTERVAL:	COLLECTION	EOUIPMENT DE	CON FLUIDS USED
DISCRETE COMPOSITE OC SAMPLES DUPLICATE EQ BLK MS/MSD: YES NO	TOP BOTTOM O.5 TYPE OF MATERIAL: ORGANIC SAND GRAVEL CLAY FILL OTHER	SAMPLE OBSER ODOR COLOR	AVATIONS FIELD (COTOLOGY TOWNS TOW	ALL USED LIQUINOX/DI H ₂ O SOLUTION DEIONIZED WATER POTABLE WATER NITRIC ACID HEXANE 25% METHANOL/75% ASTM TYPE II H ₂ C ETHYL ALCOHOL SKETCH SHOWN/ATTACHED YES NO
ANALYTICAL PARAMETERS			11)	
TCLP VOCs TCLP SVOCs TCLP Metals TCLP Pesticides TCLP Herbicides TCLP Herbicides Total PCBs Ignitability Corrosivity Reactivity Reactivity Reactivity Place Sult. Cr.		SKETCH Discrete: Ble Discrete: Ble	3018 \$30 26 000 3018 \$30 26 000 3018 \$30 26 000 31018 \$50 27 000 319018 \$50 28 000 319018 \$6009 0	K X (1140) XX (1145) XX (1170)
Sampler Signature: Checked By: C. Stooler	Print Name: Dy lun Karnell Date: 10/17//6		all offer paramete	FIGURE 4.13 IL SAMPLING RECORD

	SURFACE SOIL SA	MPLING RECOR	D to the latest the latest to	
MACTEC 511 Congress Street, Portland Maine 04101	PROJECT NAME Batavia Iron and Met PROJECT NUMBER 3617137301	ial	SAMPLE LOCATION PILE 15 START TIME	67/19/11 END TIME 1/25
	SAMPLE ID	SAMPLE TIME	/040 SITE NAME/NUMBER	PAGE
SAMPLE INFORMATION	see below	see below	819018	of I
TYPE OF SAMPLE	SAMPLE INTERVAL:	COLLECTIO	N EQUIPMENT DE	CON FLUIDS USED
DISCRETE COMPOSITE QC SAMPLES	TYPE OF MATERIAL:	S.S. SPLIT		ALL USED LIQUINOX/DI II-O SOLUTION DEIONIZED WATER POTABLE WATER
DUPLICATED BY	ORGANIC SAND GRAVEL CLAY FILL	S.S. BUCK	Nittine Colone	NITRIC ACID HEXANE 25% METHANOL/75% ASTM TYPE II II- ETHYL ALCOHOL SKETCH SHOWN/ATTACHED
NO	OTHER	COLOR Syc	(wayre	YES .
ANALYTICAL PARAMETERS	- NO - S - S - S - S - S - S - S - S - S -	015	ACTIVIDATE OF THE PROPERTY OF	44.138000.377
PARAMETER TCLP VOCS TCLP SVOCS TCLP Metals TCLP Pesticides TCLP Herbicides Total PCBs Ignitability Corrosivity Reactivity Learning Reactivity Reactivity Learning Reactivity Reactivi	METHOD NUMBER 1311/8260B 1311/8270C 1311/8081B 1311/8151A 8082' 1030' 9045C CH7 1924, 4012, 4045	SKETCH Discrete: E Discrete: E	819018 \$5031 600 819018 WC010 0	XX (1112) XX (1110) XX (1105)
55.30 +	SS-29	duck = u composite =	10c, only All other rometer	
Sampler Signature: Checked By: C. Stone	Print Name: Dy/An Fave() Date: 10/17//(SURFACE SO NYSDEC QUALITY ASSU	FIGURE 4.13 IL SAMPLING RECORD RANCE PROJECT PLAN

	SURFACE SOIL SA	MPLING RECORD		
MACTEC 511 Congress Street, Portland Maine 04101	PROJECT NAME Batavia Iron and Met PROJECT NUMBER 3617137301	START TI	e 11	07/19/16 END TIME /035
SAMPLE INFORMATION	SAMPLE ID See below	SAMPLE TIME SITE NAM	IE/NUMBER	PAGE OF I
TYPE OF SAMPLE	SAMPLE INTERVAL:	COLLECTION EQUIPMENT	DEC	CON FLUIDS USED
DISCRETE COMPOSITE	тор <u>О</u> воттом <u>О.</u> 5	HAND AUGER/CORER S.S. SPLIT BARREL ALUMINIUM PAN		ALL USED LIQUINOX/DI H ₂ O SOLUTION DEIONIZED WATER
OC SAMPLES DUPLICATE EQ BL MS/MSD: YES NO	ORGANIC SAND GRAVEL CLAY FILL OTHER	S.S. SHOVEL (POT A S.S. SHOVEL (POT A S.S. BUCKET OTHER	FIELD S	POTABLE WATER NITRIC ACID HEXANE 25% MIETHANOL/75% ASTM TYPE II H ₂ 0 ETHYL ALCOHOL KETCH SHOWN/ATTACHED VES NO
ANALYTICAL PARAMETERS	PRESERVATION		IPLE OC	
TCLP VOCs TCLP SVOCs TCLP Metals TCLP Pesticides TCLP Herbicides TCLP Herbicides Total PCBs Ignitability Corrosivity Reactivity Paucine Sil CN	METHOD NUMBER 1311/8260B 1311/8270C 1311/8270C 1311/8081B 1311/8151A 8082' 1030' 9045C CU17		IPLE QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
NOTES Pile II 55-32 55-36 A Sampler Signatule:	Print Name: Outlandamed	<i>f</i>	33000x7 34000xx 36000xx 36000xx 36000xx	(09\$5) (09\$6) (09\$6) (1000) WC (1A 000XX (55-34, 35, 36)
Sampler Signatu(c:	Print Name: Oylandamel Date: /9/17/6	NVSDEC		FIGURE 4.13 L SAMPLING RECORD RANCE PROJECT PLAN

	SURFACE SOIL SA	MPLING RECORI		
MACTEC 511 Congress Street, Portland Maine 04101	PROJECT NAME Batavia Iron and Meta PROJECT NUMBER 3617137301	ı	SAMPLE LOCATION PILE 12 START TIME 0800	07/19/16 END TIME 0920
SAMPLE INFORMATION	SAMPLE ID	SAMPLE TIME See beby	SITE NAME/NUMBER 819018	PAGE OF
SAMPLE INFORMATION TYPE OF SAMPLE	SAMPLE INTERVAL:	COLLECTION	EQUIPMENT DE	ECON FLUIDS USED
DISCRETE COMPOSITE QC SAMPLES DUPLICATION EQ.P.K MS/MSD: YES NO	TYPE OF MATERIAL: ORGANIC SAND GRAVEL CLAY FILL OTHER	SAMPLE OBSER	MARREL MAPAN SIL (not in contact) ON/SPATULA ST NITTILE Glove RVATIONS FIELD DOVOWN JACKEE PRINT PRINT	ALL USED LIQUINOX/DI H ₂ O SOLUTION DEIONIZED WATER POTABLE WATER NITRIC ACID HEXANE 25% METHANOL/75% ASTM TYPE II H ₂ C ETHYL ALCOHOL YES NO
ANALYTICAL PARAMETERS				
TCLP VOCS TCLP SVOCS TCLP Monts TCLP Monts TCLP Pesticides TCLP Herbicides TCLP Herbicides Total PCDs Ignitability Corrosivity Reactivity Reactivity	METHOD NUMBER 1311/8260B 1311/8270C 1311/8010B/7470 1311/8081B 1311/8151A 8082' 1030' 9045C CH7 9034, 9012, 9040	402 3202 402 802	ED SAMPLE OC COLLECTED SAMPLE OC COLLECTED A A A A A A A A A A A A A	SAMPLE BOTTLE ID NUMBERS FEE SELOW
Pile !	2	SKETCH		
		discrete:	35037000XX	(0855)
Large metal Croste	*	Discrete: Bigorete: Composite: direct= Voc	5038000XX (C) I soil, plastics, , om Broken up plas B19018WCOIZ	op metal, ceramic; 0900) metals, about 115 ticss-gau drum 0000 XX (0905)
Sampler Signature: Checked By: C. Stopler	Print Name: Sylan Farrall Date: 10/17/16	1		FIGURE 4.13 DIL SAMPLING RECORD TRANCE PROJECT PLAN

	SURFACE SOIL SAM	MPLING RECOR	D	
MACTEC	PROJECT NAME Batavia Iron and Metal		SAMPLE LOCATION PCB SS ~ 639	DATE 07/20/14
511 Congress Street, Portland Maine 04101	PROJECT NUMBER 3617137301		START TIME	END TIME
	SAMPLE ID 81901855039000XX	SAMPLE TIME	SITE NAME/NUMBER	PAGE OF
SAMPLE INFORMATION TYPE OF SAMPLE	SAMPLE INTERVAL:			DECON FLUIDS USED
DISCRETE	тор	LIAND AUG	GER/CORER	ALL USED
COMPOSITE	воттом 0.5	S.S. SPLIT	BARREL	LIQUINOX/DI JI₂O SOLUTION
QC SAMPLES	TYPE OF MATERIAL:	S.S. SHOVE	el.	DEIONIZED WATER POTABLE WATER
DUPLICATE EQ BLK MS/MSD	ORGANIC SAND GRAVEL CLAY FILL	S.S. BUCKI OTHER A SAMPLE OBSEI ODOR	I itrite tilene RVATIONS A FIEL	NITRE ACID HEXANE 1% METHANOL/75% ASTM TYPE II H ₂ (ETHYL ALCOHOL D SKETCH SHOWN/ATTACHED
N	OTHER	OTHER FI		YES NO
ANALYTICAL PARAMETERS				1 2222
PARAMETER TCLP VOCs TCLP SVOCs	METHOD NUMBER PRESERVATION METHOD 1311/8260B 1311/8270C	VOLUME REQUIR	SAMPLE QC COLLECTED COLLECT	SAMPLE ROTTLE ID ED NUMBERS
TCLP Metals	1311/6010B/7470	- 1		
TCLP Pesticides TCLP Herbicides	1311/8081B 1311/8151A			
Total PCBs	8082° DONE	4 03	صن ديو	See below
Ignitability	1030"			
Corrosivity	9045C			
Reactivity	CH7			
		0		
far worthern p	that leads to portion of site,	SCELOO! FOUNT!	PCB 55- 639 81901855039000	
		Burnsen Field	> /	
Sampler Signature: Checked By: C. Stopler	Print Name: Of Lance Date: 10/17/16			FIGURE 4.13 OIL SAMPLING RECORD URANCE PROJECT PLAN

	SURFAC	E SOIL SAM	PLING RECOR	D	生态是这些特性的
SAMPLE INFORMATION TYPE OF SAMPLE DISCRETE COMPOSITE OC SAMPLES DUPLICATION EQ BLK	PROJECT NAME	3617137301	SAMPLE TIME 1005 1026 COLLECTION HAND AUG S.S. SPLIT ALUMINIL S.S. SIOVI HAND SPC S.S. BUCKI	SAMPLE LOCATION PCS SS-92/55-98 START TIME /005 SITE NAME/NUMBER 819018 N EQUIPMENT GER/CORER BARREL IM PAN EL DON/SPATULA	DATE O7/20/16 END TIME PAGE OF DECON FLUIDS USED ALL USED LIQUINOX/DI H-G SOLUTION DEIONIZED WATER POTABLE WATER NITRIC CCD HEX AND TO THE
MS/MSD: YES NO ANALYTICAL PARAMETERS	GRAVEL CLAY FILL OTHER		SAMPLE OBSE ODOR COLOR OTHER	RVATIONS	ETHYL ALCOHOL D SKETCH SHOWN/ATTACHED YES NO
TCLP SVOCs 13 TCLP Metals 13 TCLP Pesticides 13 TCLP Herbicides 13 TCLP Herbicides 80 Ignitability 10 Corrosivity 90	METHOD NUMBER \$11/8260B \$11/8270C \$11/6010B/7470 \$11/8081B \$11/8151A \$82' \$430'	PRESERVATION METHOD	VOLUME REQUIR	SAMPLE QC COLLECTED COLLECTED	
- collected 2 so S' and 20 Arom grassy foot path lea area at Pile	o' in respe area, on ding to the	ethely 12	Pane Bell Ael L	<i>[</i>	201855040000xx 1000
Sampler Signature: The Checked By: C. Stopler	Print Name: Dylan For	rell	7		FIGURE 4.13 OIL SAMPLING RECORD URANCE PROJECT PLAN

SURFACE SOIL SAMPLING RECORD					
SAMPLE INFORMATION TYPE OF SAMPLE DISCRETE COMPOSITE OC SAMPLES DUPLICATE EQUIL	PROJECT NAME Batavia Iron and More PROJECT NUMBER 3617137301 SAMPLE ID SAMPLE ID SAMPLE INTERVAL: TOP BOTTOM ORGANIC SAND	SAMPLE TIME 1010 LO 25 COLLECTION HAND AUC S.S. SPLIT I ALUMINIU S.S. SHOPP HAND STO	SAMPLE LOCATION 44 PCB \$5 -25 /55 -00 START TIME 1000 SITE NAME/NUMBER 819018 EQUIPMENT D GERICORER BAYREL	DATE O 7 / 20 / 1 \ END TIME 1	
MS/MSD: XES NO	GRAVEL CLAY FILL OTHER	COLOR OTHER	FIELD	O SKETCH SHOWN/ATTACHED YES NO	
ANALYTICAL PARAMETERS PARAMETER TCLP VOCS TCLP SVOCS TCLP Metals TCLP Pesticides TCLP Herbicides Total PCBs Ignitability Corrosivity Reactivity	METHOD NUMBER PRESERVATION METHOD 1311/8260B 1311/8270C 1311/6010B/7470 1311/8081B 1311/8151A 8082' 1030' 9045C CH7	VOLUME REQUIR	SAMPLE QC COLLECTION	0.00.000000	
- collected 2 s s' and 20' area on a leads directl Pile 08	in from grassy foot path that	Baleball Parking	<u> </u>	8 22-044 1923044000XX	
Sampler Signature: Checked By: C, Stopler	Print Name: Offen Fewell Date: 10/17/16			FIGURE 4.13 DIL SAMPLING RECORD JRANCE PROJECT PLAN	

	SURFACE S	SOIL SAM	PLING RECORD		
MACIEC	DJECT NUMBER	Iron and Metal		SAMPLE LOCATION PCB \$5-842 START TIME	DATE OF/20/10 END TIME
	MPLE ID 31901853042	ODDXX	SAMPLE TIME	SITE NAME/NUMBER	PAGE OF
SAMPLE INFORMATION	AMPLE INTERVAL:		COLLECTION EQ		DECON FLUIDS USED
	PE OF MATERIAL: ORGANIC SAND		IIAND AUGER S.S. SPLIT BAD ALUMINIUM S.S. SHOVEL HAND SPOON S.S. BUCKET OTHER	Kel.	ALL USED LIQUINOX/DI H ₂ O COLUTION DEIONIZED WATER POTABLE WATER NITRIC CUP HEXANE 25% METHANOL/75% ASIM TYPE II H ₂
MS/MSD: YES NO	GRAVEI, CLAY FILL OTHER		SAMPLE OBSERVA ODOR COLOR OTHER PID NA	<u>F</u>	JETIYL ALCOHOL JELD SKETCH SHOWN/ATTACHED YES NO
ANALYTICAL PARAMETERS	PR.	ESERVATION	100	SAMPLE Q	C SAMPLE BÖTTLE ID
TCLP VOCS TCLP SVOCS TCLP SVOCS TCLP Metals TCLP Pesticides TCLP Pesticides TCLP Herbicides TOTAL PCBs lganitability Corrosivity Reactivity NOTES TOTAL WHECHER WILLIAM Sample whecher Whitiple use by Koda cans, cigar Collected at en	in area students etts, grafitti)	VOLUME REQUIRED 1 02 SKETCH	COLLECTED COLL	Do See below
	Name: By luntin		Berroall Sage		FIGURE 4.13 SOIL SAMPLING RECORD SSURANCE PROJECT PLAN

	SURFACE SOIL SAI	IPLING RECORD
MACTEC 511 Congress Street, Portland Maine 04101	PROJECT NAME Batavia Iron and Meta PROJECT NUMBER	START TIME END TIME
	3617137301 SAMPLE ID	SAMPLE TIME SITE NAME/NUMBER PAGE
SAMPLE INFORMATION	81901855045000 XX	
TYPE OF SAMPLE	SAMPLE INTERVAL:	COLLECTION EQUIPMENT DECON FLUIDS USED
DISCRETE	BOTTOM 0.5	HAND AUGER/CORER A.I. USED S.S. SPLIT BARREL LIQUINOX/DI H/O SOLUTION
OC SAMPLES	TYPE OF MATERIAL:	A SHOVEL DEIONIZED VATER POTABLE VATER
DUPLICATE	ORGANIC SAND GRAVEL	HAND SPOON/SPATULA S.S. BUCKET OTHER LITTLE COMPANY HEXAGON S.S. BUCKET OTHER LITTLE COMPANY HEXAGON S.S. BUCKET LITTLE COMPANY HEXAGON S.S. BUCKET LITTLE COMPANY HEXAGON EMPLOYED LITTLE COMPANY HEXAGON S.S. BUCKET LITTLE COMPANY HEXAGON S.S. BUCKET LITTLE COMPANY HEXAGON LITTL
MS/MSD:	CLAY	SAMPLE OBSERVATIONS ODOR NA FIELD SKETCH SHOWN/ATTACHED
NO	OTHER	COLOR GRAND OTHER GILL PID NA
ANALYTICAL PARAMETERS		
PARAMETER TCLP VOCs TCLP SVOCs TCLP Metals TCLP Pesticides	METHOD NUMBER PRESERVATION METHOD 1311/8260B 1311/8270C 1311/6010B/7470 1311/8081B	VOLUME REQUIRED SAMPLE QC SAMPLE BOTTLE ID NUMBERS
TCLP Herbicides Total PCBs	1311/8151A 8082' Nove	407 yes NO See below
Ignitability Corrosivity	1030° 9045C	
Reactivity	CII7	
grassitti). Coll	ected in location proximately 101 in	Press Sample 13 colors Press Sample 14 colors Press Sample 15 colors Press
Sampler Signature:	Print Name: Oylanformell	FIGURE 4.1: SURFACE SOIL SAMPLING RECORI NYSDEC QUALITY ASSURANCE PROJECT PLAN

ATTACHMENT 2

LABORATORY ANALYTICAL RESULTS



THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

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

TestAmerica Job ID: 480-103449-1

Client Project/Site: Batavia Iron & Metal #819018

For:

New York State D.E.C. 625 Broadway 11th Floor Albany, New York 12233-3256

Attn: Mr. Dave Chiusano

Authorized for release by: 8/15/2016 9:35:20 AM

Orlette Johnson, Senior Project Manager (484)685-0864

orlette.johnson@testamericainc.com

-----LINKS

Review your project results through

Total Access

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.

Orlette Johnson

Senior Project Manager 8/15/2016 9:35:20 AM

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

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6

4

6

8

9

10

Definitions/Glossary

Client: New York State D.E.C.

Project/Site: Batavia Iron & Metal #819018

TestAmerica Job ID: 480-103449-1

Qualifiers

GC/MS 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.

GC Semi VOA

 Qualifier
 Qualifier Description

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

X Surrogate is outside control limits

F1 MS and/or MSD Recovery is outside acceptance limits.

Metals

Qualifier Description

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

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.

Eisted 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)

TestAmerica Buffalo

8/15/2016

4

3

1

Case Narrative

Client: New York State D.E.C.

Project/Site: Batavia Iron & Metal #819018

TestAmerica Job ID: 480-103449-1

Job ID: 480-103449-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-103449-1

Receipt

The samples were received on 7/21/2016 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 4 coolers at receipt time were 3.8° C, 4.0° C, 4.2° C and 4.4° C. The TCLP VOC samples were frozen upon receipt per client requirements.

GC/MS VOA

Method(s) 8260C: The following samples were collected in properly preserved vials for analysis of volatile organic compounds (VOCs). However, the pH was outside the required criteria when verified by the laboratory, and corrective action was not possible: TB-01 (480-103449-61). The samples were analyzed within 7 days per EPA recommendation.

Method(s) 8260C: The following samples were diluted due to the nature of the samples TCLP matrix: (LB 480-312930/1-A) and (LB 480-313371/1-A). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were diluted due to the nature of the TCLP sample matrix: 819018SS001000XX (480-103449-1), 819018SS002000XX (480-103449-2), 819018SS003000XX (480-103449-3), 819018SS004000XX (480-103449-4), 819018SS005000XX (480-103449-5), 819018SS006000XX (480-103449-6), 819018SS007000XX (480-103449-7), 819018SS008000XX (480-103449-8), 819018SS009000XX (480-103449-9), 819018SS010000XX (480-103449-10), 819018SS011000XX (480-103449-11), (480-103449-A-11-A MS), (480-103449-A-11-A MSD), 819018SS012000XX (480-103449-12), 819018SS013000XX (480-103449-13), 819018SS014000XX (480-103449-14), 819018SS015000XX (480-103449-15), 819018SS016000XX (480-103449-16), 819018SS017000XX (480-103449-17), 819018SS018000XX (480-103449-18), 819018SS019000XX (480-103449-19), (LB 480-313150/1-A), (480-103449-A-12-A MS), (480-103449-A-12-A MSD, 819018SS020000XX (480-103449-20), 819018SS021000XX (480-103449-21), 819018SS022000XX (480-103449-22), 819018SS023000XX (480-103449-23), 819018SS024000XX (480-103449-24), 819018SS025000XX (480-103449-25), (480-103449-A-20-A MS), (480-103449-A-20-A MSD), 819018SS026000XX (480-103449-26), 819018SS027000XX (480-103449-27), 819018SS028000XX (480-103449-28), 819018SS029000XX (480-103449-29), 819018SS030000XX (480-103449-30). 819018SS031000XX (480-103449-31), 819018SS032000XX (480-103449-32), 819018SS033000XX (480-103449-33), 819018SS034000XX (480-103449-34), 819018SS035000XX (480-103449-35), 819018SS036000XX (480-103449-36), 819018SS037000XX (480-103449-37), 819018SS038000XX (480-103449-38), (480-103449-A-26-A MS) and (480-103449-A-26-A MSD). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-314895 recovered outside acceptance criteria, low biased, for 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 have been reported. The following samples are impacted: 819018SS020000XX (480-103449-20), 819018SS021000XX (480-103449-21), 819018SS022000XX (480-103449-22), 819018SS023000XX (480-103449-23), 819018SS024000XX (480-103449-24) and 819018SS025000XX (480-103449-25),

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-314890 recovered above the upper control limit for Carbon tetrachloride. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The following samples are impacted: 819018SS026000XX (480-103449-26), 819018SS027000XX (480-103449-27), 819018SS028000XX (480-103449-28), 819018SS029000XX (480-103449-29), 819018SS030000XX (480-103449-30), 819018SS031000XX (480-103449-31), 819018SS032000XX (480-103449-32), 819018SS033000XX (480-103449-33), 819018SS034000XX (480-103449-34), 819018SS035000XX (480-103449-35), 819018SS036000XX (480-103449-36), 819018SS037000XX (480-103449-37) and 819018SS038000XX (480-103449-38).

Method(s) 8260C: The extraction blank (LB 480-312930/1-A) is reported on a separate surrogate recovery form (form II) from its associated quality control samples (MB 480-313081/7) and (LCS 480-313081/5).

Method(s) 8260C: The extraction blank (LB 480-313371/1-A) is reported on a separate surrogate recovery form (form II) from its associated quality control samples (MB 480-314378/7) and (LCS 480-314378/5).

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

GC/MS Semi VOA

Project/Site: Batavia Iron & Metal #819018

Job ID: 480-103449-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

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

GC Semi VOA

Method(s) 8082A: The matrix spike duplicate (MS/MSD) recoveries for preparation batch 480-312392 and analytical batch 480-312544 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 8082A: The following samples were diluted due to an abundance of target analytes: 819018SS045000XX (480-103449-45), 819018WC02A000XX (480-103449-47), 819018WC003000XX (480-103449-49), 819018WC005000XX (480-103449-51), 819018WC11B000XX (480-103449-59) and 819018WC012000XX (480-103449-60). As such, surrogate recoveries are estimated and not representative, and elevated reporting limits (RLs) are provided.

Method(s) 8082A: The following samples were diluted to bring the concentration of target analytes within the calibration range: 819018SS043000XX (480-103449-43), 819018WC001000XX (480-103449-46), 819018WC02B000XX (480-103449-48), 819018WC006000XX (480-103449-52), 819018WC07A000XX (480-103449-53), 819018WC07B000XX (480-103449-54), 819018WC008000XX (480-103449-55), 819018WC009000XX (480-103449-56), 819018WC010000XX (480-103449-57), 819018WC11A000XX (480-103449-58), (480-103449-B-46-A MS) and (480-103449-B-46-B MS). Elevated reporting limits (RLs) are

Method(s) 8151A: Surrogate recovery for the following sample was outside control limits: 819018WC07A000XX (480-103449-53). This is routine for TCLP herbicides, due to the pH effects created during the leaching process, inhibiting the herbicide derivatization of the free acid components.

Method(s) 8081B: All primary data for analytical batch 313156 is reported from the RTX-CLPI column.

Method(s) 8082A: All primary data for analytical batch 312544 is reported from the ZB-35 column.

Method(s) 8151A: All primary data for analytical batch 313259 is reported from the RTX-CLPI column.

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

Metals

Method(s) 6010C: The post digestion spike % recovery for TCLP Silver, Arsenic and Selenium associated with batch 480-313342 was outside of control limits. The serial dilution was compliant, therefore, no corrective action was needed. (480-103449-A-50-F PD).

Method(s) 6010C: The post digestion spike % recovery for TCLP Silver associated with batch 480-313342 was outside of control limits. The serial dilution was compliant, therefore, no corrective action was needed. (480-103449-A-51-E PD).

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

General Chemistry

Method(s) 9045C, 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: 819018WC001000XX (480-103449-46), 819018WC02A000XX (480-103449-47), 819018WC02B000XX (480-103449-48), 819018WC003000XX (480-103449-49), 819018WC004000XX (480-103449-50), 819018WC005000XX (480-103449-51), 819018WC006000XX (480-103449-52), 819018WC07A000XX (480-103449-53), 819018WC07B000XX (480-103449-54), 819018WC008000XX (480-103449-55), 819018WC009000XX (480-103449-56), 819018WC010000XX (480-103449-57), 819018WC11A000XX (480-103449-58), 819018WC11B000XX (480-103449-59) and 819018WC012000XX (480-103449-60).

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

Organic Prep

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

RL

0.010

0.010

0.010

0.010

0.010

0.010

0.050

0.010

0.010

0.010

Limits

77 - 120

80 - 120

73 - 120

75 - 123

MDL Unit

0.0041 mg/L

0.0027 mg/L

0.0075 mg/L

0.0034 mg/L

0.0021 mg/L

0.0029 mg/L

0.013 mg/L

0.0036 mg/L

0.0046 mg/L

0.0090 mg/L

D

Prepared

Prepared

Result Qualifier

 $\overline{\mathsf{ND}}$

ND

ND

ND

ND

ND

ND

ND

ND

ND

100

94

106

109

Qualifier

%Recovery

Client: New York State D.E.C.

Project/Site: Batavia Iron & Metal #819018

Method: 8260C - TCLP Volatiles - TCLP

Client Sample ID: 819018SS001000XX

Date Collected: 07/20/16 08:30 Date Received: 07/21/16 09:30

Analyte

Benzene

Carbon tetrachloride

1,2-Dichloroethane

1,1-Dichloroethene

2-Butanone (MEK)

Tetrachloroethene

Toluene-d8 (Surr)

1,2-Dichloroethane-d4 (Surr)

4-Bromofluorobenzene (Surr)

Dibromofluoromethane (Surr)

Trichloroethene

Vinyl chloride

Surrogate

Chlorobenzene

Chloroform

Lab Sample ID: 480-103449-1

Matrix: Solid

Analyzed

08/05/16 22:11

08/05/16 22:11

08/05/16 22:11

08/05/16 22:11

08/05/16 22:11

08/05/16 22:11

08/05/16 22:11

Analyzed

08/05/16 22:11

08/05/16 22:11

08/05/16 22:11

Dil Fac 08/05/16 22:11 10 08/05/16 22:11 10 08/05/16 22:11 10

10

10

10

10

10

10

10

10

10

10

10

Dil Fac

08/05/16 22:11

Client Sample ID: 819018SS002000XX

Date Collected: 07/20/16 08:35 Date Received: 07/21/16 09:30

Lab Sample ID: 480-103449-2

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			08/05/16 22:35	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			08/05/16 22:35	10
Chlorobenzene	ND		0.010	0.0075	mg/L			08/05/16 22:35	10
Chloroform	ND		0.010	0.0034	mg/L			08/05/16 22:35	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/05/16 22:35	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/05/16 22:35	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/05/16 22:35	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/05/16 22:35	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/05/16 22:35	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/05/16 22:35	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		08/05/16 22:35	10
Toluene-d8 (Surr)	94		80 - 120		08/05/16 22:35	10
4-Bromofluorobenzene (Surr)	110		73 - 120		08/05/16 22:35	10
Dibromofluoromethane (Surr)	103		75 - 123		08/05/16 22:35	10

Client Sample ID: 819018SS003000XX

Date Collected: 07/20/16 08:45 Date Received: 07/21/16 09:30

Lab Sample ID: 480-103449-3

Matrix: Solid

Method: 826	OC - TCLP	Volatiles	- TCLP
Analyte			Resu

Welliou. 02000 - TCLP Volatiles -	ICLF								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			08/05/16 22:59	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			08/05/16 22:59	10
Chlorobenzene	ND		0.010	0.0075	mg/L			08/05/16 22:59	10
Chloroform	ND		0.010	0.0034	mg/L			08/05/16 22:59	10

TestAmerica Job ID: 480-103449-1

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018SS003000XX

Date Collected: 07/20/16 08:45 Date Received: 07/21/16 09:30

Client: New York State D.E.C.

Lab Sample ID: 480-103449-3

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/05/16 22:59	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/05/16 22:59	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/05/16 22:59	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/05/16 22:59	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/05/16 22:59	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/05/16 22:59	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120					08/05/16 22:59	10
Toluene-d8 (Surr)	98		80 - 120					08/05/16 22:59	10
4-Bromofluorobenzene (Surr)	114		73 - 120					08/05/16 22:59	10
Dibromofluoromethane (Surr)	110		75 - 123					08/05/16 22:59	10

Client Sample ID: 819018SS004000XX

Date Collected: 07/20/16 09:10 Date Received: 07/21/16 09:30

Lab Sample ID: 480-103449-4

Matrix: Solid

Method: 8260C - TCLP Vol						_			5
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			08/05/16 23:23	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			08/05/16 23:23	10
Chlorobenzene	ND		0.010	0.0075	mg/L			08/05/16 23:23	10
Chloroform	ND		0.010	0.0034	mg/L			08/05/16 23:23	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/05/16 23:23	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/05/16 23:23	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/05/16 23:23	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/05/16 23:23	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/05/16 23:23	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/05/16 23:23	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120			-		08/05/16 23:23	10
Toluene-d8 (Surr)	96		80 - 120					08/05/16 23:23	10
4-Bromofluorobenzene (Surr)	113		73 - 120					08/05/16 23:23	10
Dibromofluoromethane (Surr)	107		75 - 123					08/05/16 23:23	10

Client Sample ID: 819018SS005000XX

Date Collected: 07/20/16 09:15 Date Received: 07/21/16 09:30

Lab Sample ID: 480-103449-5 **Matrix: Solid**

Method: 8260C - TCLP Volatiles - TCLP Analyte Result Qualifier RL **MDL** Unit Prepared Dil Fac Analyzed ND 0.010 0.0041 mg/L Benzene 08/05/16 23:47 10 Carbon tetrachloride ND 0.010 0.0027 mg/L 08/05/16 23:47 10 Chlorobenzene ND 0.010 0.0075 mg/L 10 08/05/16 23:47 Chloroform ND 0.010 0.0034 mg/L 08/05/16 23:47 10 1,2-Dichloroethane ND 0.010 0.0021 mg/L 08/05/16 23:47 10 1,1-Dichloroethene ND 0.010 0.0029 mg/L 08/05/16 23:47 10 2-Butanone (MEK) ND 0.050 0.013 mg/L 08/05/16 23:47 10 Tetrachloroethene ND 0.010 0.0036 mg/L 08/05/16 23:47

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TestAmerica Job ID: 480-103449-1

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018SS005000XX

Lab Sample ID: 480-103449-5

Date Collected: 07/20/16 09:15 Date Received: 07/21/16 09:30

Client: New York State D.E.C.

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.010	0.0046	mg/L			08/05/16 23:47	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/05/16 23:47	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120			-		08/05/16 23:47	10
Toluene-d8 (Surr)	94		80 - 120					08/05/16 23:47	10
4-Bromofluorobenzene (Surr)	112		73 - 120					08/05/16 23:47	10
Dibromofluoromethane (Surr)	104		75 - 123					08/05/16 23:47	10

Client Sample ID: 819018SS006000XX Lab Sample ID: 480-103449-6 Date Collected: 07/20/16 09:20 **Matrix: Solid**

Date Received: 07/21/16 09:30

Method: 8260C - TCLP Vola Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			08/06/16 00:11	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			08/06/16 00:11	10
Chlorobenzene	ND		0.010	0.0075	mg/L			08/06/16 00:11	10
Chloroform	ND		0.010	0.0034	mg/L			08/06/16 00:11	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/06/16 00:11	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/06/16 00:11	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/06/16 00:11	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/06/16 00:11	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/06/16 00:11	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/06/16 00:11	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120					08/06/16 00:11	10
Toluene-d8 (Surr)	94		80 - 120					08/06/16 00:11	10
4-Bromofluorobenzene (Surr)	108		73 - 120					08/06/16 00:11	10
Dibromofluoromethane (Surr)	107		75 - 123					08/06/16 00:11	10

Lab Sample ID: 480-103449-7 **Client Sample ID: 819018SS007000XX**

Date Collected: 07/20/16 09:25 Date Received: 07/21/16 09:30

Analyte	Result Q	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND ND		0.010	0.0041	mg/L			08/06/16 00:34	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			08/06/16 00:34	10
Chlorobenzene	ND		0.010	0.0075	mg/L			08/06/16 00:34	10
Chloroform	ND		0.010	0.0034	mg/L			08/06/16 00:34	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/06/16 00:34	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/06/16 00:34	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/06/16 00:34	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/06/16 00:34	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/06/16 00:34	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/06/16 00:34	10
Surrogate	%Recovery Q	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120					08/06/16 00:34	10

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Matrix: Solid

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Project/Site: Batavia Iron & Metal #819018

TestAmerica Job ID: 480-103449-1

Client Sample ID: 819018SS007000XX

Date Collected: 07/20/16 09:25 Date Received: 07/21/16 09:30

Lab Sample ID: 480-103449-7

Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP (Continued)

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93	80 - 120	<u> </u>	8/06/16 00:34	10
4-Bromofluorobenzene (Surr)	110	73 - 120	0	8/06/16 00:34	10
Dibromofluoromethane (Surr)	106	75 - 123	0	8/06/16 00:34	10

Client Sample ID: 819018SS008000XX Lab Sample ID: 480-103449-8

Date Collected: 07/20/16 09:30 Date Received: 07/21/16 09:30

Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result Q	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND ND		0.010	0.0041	mg/L			08/06/16 00:58	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			08/06/16 00:58	10
Chlorobenzene	ND		0.010	0.0075	mg/L			08/06/16 00:58	10
Chloroform	ND		0.010	0.0034	mg/L			08/06/16 00:58	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/06/16 00:58	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/06/16 00:58	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/06/16 00:58	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/06/16 00:58	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/06/16 00:58	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/06/16 00:58	10
Surrogate	%Recovery Q	Qualifier	l imits				Prenared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		08/06/16 00:58	10
Toluene-d8 (Surr)	95		80 - 120		08/06/16 00:58	10
4-Bromofluorobenzene (Surr)	109		73 - 120		08/06/16 00:58	10
Dibromofluoromethane (Surr)	111		75 - 123		08/06/16 00:58	10

Client Sample ID: 819018SS009000XX

Date Collected: 07/20/16 09:35 Date Received: 07/21/16 09:30

4-Bromofluorobenzene (Surr)

Dibromofluoromethane (Surr)

Lab Sample ID: 480-103449-9

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			08/06/16 01:22	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			08/06/16 01:22	10
Chlorobenzene	ND		0.010	0.0075	mg/L			08/06/16 01:22	10
Chloroform	ND		0.010	0.0034	mg/L			08/06/16 01:22	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/06/16 01:22	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/06/16 01:22	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/06/16 01:22	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/06/16 01:22	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/06/16 01:22	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/06/16 01:22	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120					08/06/16 01:22	10
Toluene-d8 (Surr)	95		80 - 120					08/06/16 01:22	10

TestAmerica Buffalo

08/06/16 01:22

08/06/16 01:22

73 - 120

75 - 123

111

104

10

10

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018SS010000XX

Date Collected: 07/19/16 16:05 Date Received: 07/21/16 09:30

Lab Sample ID: 480-103449-10

Lab Sample ID: 480-103449-11

Matrix: Solid

Method: 8260C - TCLP Vola	tiles - TCLP								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			08/06/16 01:45	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			08/06/16 01:45	10
Chlorobenzene	ND		0.010	0.0075	mg/L			08/06/16 01:45	10
Chloroform	ND		0.010	0.0034	mg/L			08/06/16 01:45	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/06/16 01:45	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/06/16 01:45	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/06/16 01:45	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/06/16 01:45	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/06/16 01:45	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/06/16 01:45	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120					08/06/16 01:45	10
Toluene-d8 (Surr)	92		80 - 120					08/06/16 01:45	10
4-Bromofluorobenzene (Surr)	108		73 - 120					08/06/16 01:45	10
Dibromofluoromethane (Surr)	109		75 - 123					08/06/16 01:45	10

Client Sample ID: 819018SS011000XX

Date Collected: 07/19/16 16:10

Date Received: 07/21/16 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			08/06/16 02:09	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			08/06/16 02:09	10
Chlorobenzene	ND		0.010	0.0075	mg/L			08/06/16 02:09	10
Chloroform	ND		0.010	0.0034	mg/L			08/06/16 02:09	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/06/16 02:09	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/06/16 02:09	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/06/16 02:09	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/06/16 02:09	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/06/16 02:09	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/06/16 02:09	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120					08/06/16 02:09	10
Toluene-d8 (Surr)	94		80 - 120					08/06/16 02:09	10
4-Bromofluorobenzene (Surr)	109		73 - 120					08/06/16 02:09	10
Dibromofluoromethane (Surr)	109		75 - 123					08/06/16 02:09	10

Client Sample ID: 819018SS012000XX

Date Collected: 07/19/16 16:15

Date Received: 07/21/16 09:30

Lab Sample ID: 480-103449-12

Matrix: Solid

Matrix: Solid

Method: 8260C - TCLP Vo	latiles - TCLP							
Analyte	Result Q	ualifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	0.010	0.0041	mg/L			08/06/16 00:08	10
Carbon tetrachloride	ND	0.010	0.0027	mg/L			08/06/16 00:08	10
Chlorobenzene	ND	0.010	0.0075	mg/L			08/06/16 00:08	10
Chloroform	ND	0.010	0.0034	mg/L			08/06/16 00:08	10

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018SS012000XX

Date Collected: 07/19/16 16:15 Date Received: 07/21/16 09:30 Lab Sample ID: 480-103449-12

Matrix: Solid

Method: 8260C - TCLP Vola	atiles - TCLP (C	continued)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/06/16 00:08	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/06/16 00:08	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/06/16 00:08	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/06/16 00:08	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/06/16 00:08	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/06/16 00:08	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120					08/06/16 00:08	10
Toluene-d8 (Surr)	96		80 - 120					08/06/16 00:08	10
4-Bromofluorobenzene (Surr)	112		73 - 120					08/06/16 00:08	10
Dibromofluoromethane (Surr)	112		75 - 123					08/06/16 00:08	10

Client Sample ID: 819018SS013000XX

Date Collected: 07/19/16 16:20 Date Received: 07/21/16 09:30

Lab Sample ID: 480-103449-13

Matrix: Solid

Method: 8260C - TCLP Vol		0	D.	MDI	1114	_	B	A a b a d	D'I E
Analyte		Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			08/06/16 00:32	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			08/06/16 00:32	10
Chlorobenzene	ND		0.010	0.0075	mg/L			08/06/16 00:32	10
Chloroform	ND		0.010	0.0034	mg/L			08/06/16 00:32	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/06/16 00:32	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/06/16 00:32	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/06/16 00:32	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/06/16 00:32	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/06/16 00:32	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/06/16 00:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120			-		08/06/16 00:32	10
Toluene-d8 (Surr)	95		80 - 120					08/06/16 00:32	10
4-Bromofluorobenzene (Surr)	113		73 - 120					08/06/16 00:32	10
Dibromofluoromethane (Surr)	111		75 - 123					08/06/16 00:32	10

Client Sample ID: 819018SS014000XX

Date Collected: 07/19/16 16:50 Date Received: 07/21/16 09:30 Lab Sample ID: 480-103449-14

Matrix: Solid

Analyte	Result Qu	alifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	0.010	0.0041	mg/L			08/06/16 00:55	10
Carbon tetrachloride	ND	0.010	0.0027	mg/L			08/06/16 00:55	10
Chlorobenzene	ND	0.010	0.0075	mg/L			08/06/16 00:55	10
Chloroform	ND	0.010	0.0034	mg/L			08/06/16 00:55	10
1,2-Dichloroethane	ND	0.010	0.0021	mg/L			08/06/16 00:55	10
1,1-Dichloroethene	ND	0.010	0.0029	mg/L			08/06/16 00:55	10
2-Butanone (MEK)	ND	0.050	0.013	mg/L			08/06/16 00:55	10
Tetrachloroethene	ND	0.010	0.0036	mg/L			08/06/16 00:55	10

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018SS014000XX

Lab Sample ID: 480-103449-14

Date Collected: 07/19/16 16:50 Date Received: 07/21/16 09:30

Matrix: Solid

Method: 8260C - TCLP Vol. Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.010	0.0046	mg/L			08/06/16 00:55	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/06/16 00:55	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120			-		08/06/16 00:55	10
Toluene-d8 (Surr)	97		80 - 120					08/06/16 00:55	10
4-Bromofluorobenzene (Surr)	113		73 - 120					08/06/16 00:55	10
Dibromofluoromethane (Surr)	114		75 - 123					08/06/16 00:55	10

Lab Sample ID: 480-103449-15 **Client Sample ID: 819018SS015000XX**

Date Collected: 07/19/16 16:55 Matrix: Solid

Date Received: 07/21/16 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			08/06/16 01:18	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			08/06/16 01:18	10
Chlorobenzene	ND		0.010	0.0075	mg/L			08/06/16 01:18	10
Chloroform	ND		0.010	0.0034	mg/L			08/06/16 01:18	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/06/16 01:18	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/06/16 01:18	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/06/16 01:18	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/06/16 01:18	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/06/16 01:18	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/06/16 01:18	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120					08/06/16 01:18	10
Toluene-d8 (Surr)	96		80 - 120					08/06/16 01:18	10
4-Bromofluorobenzene (Surr)	109		73 - 120					08/06/16 01:18	10
Dibromofluoromethane (Surr)	112		75 - 123					08/06/16 01:18	10

Client Sample ID: 819018SS016000XX Lab Sample ID: 480-103449-16

Date Collected: 07/19/16 15:25 **Matrix: Solid** Date Received: 07/21/16 09:30

Analyte	Result Qu	alifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	0.010	0.0041	mg/L			08/06/16 01:41	10
Carbon tetrachloride	ND	0.010	0.0027	mg/L			08/06/16 01:41	10
Chlorobenzene	ND	0.010	0.0075	mg/L			08/06/16 01:41	10
Chloroform	ND	0.010	0.0034	mg/L			08/06/16 01:41	10
1,2-Dichloroethane	ND	0.010	0.0021	mg/L			08/06/16 01:41	10
1,1-Dichloroethene	ND	0.010	0.0029	mg/L			08/06/16 01:41	10
2-Butanone (MEK)	ND	0.050	0.013	mg/L			08/06/16 01:41	10
Tetrachloroethene	ND	0.010	0.0036	mg/L			08/06/16 01:41	10
Trichloroethene	ND	0.010	0.0046	mg/L			08/06/16 01:41	10
Vinyl chloride	ND	0.010	0.0090	mg/L			08/06/16 01:41	10
Surrogate	%Recovery Qu	alifier Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99	77 - 120					08/06/16 01:41	10

Project/Site: Batavia Iron & Metal #819018

Lab Sample ID: 480-103449-16

Client Sample ID: 819018SS016000XX Date Collected: 07/19/16 15:25

Date Received: 07/21/16 09:30

Matrix: Solid

TestAmerica Job ID: 480-103449-1

Method: 8260C - TCLP Volatiles - TCLP (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		80 - 120		08/06/16 01:41	10
4-Bromofluorobenzene (Surr)	111		73 - 120		08/06/16 01:41	10
Dibromofluoromethane (Surr)	111		75 - 123		08/06/16 01:41	10

Client Sample ID: 819018SS017000XX Lab Sample ID: 480-103449-17

Date Collected: 07/19/16 15:30 **Matrix: Solid**

Date Received: 07/21/16 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			08/06/16 02:04	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			08/06/16 02:04	10
Chlorobenzene	ND		0.010	0.0075	mg/L			08/06/16 02:04	10
Chloroform	ND		0.010	0.0034	mg/L			08/06/16 02:04	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/06/16 02:04	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/06/16 02:04	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/06/16 02:04	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/06/16 02:04	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/06/16 02:04	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/06/16 02:04	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120			=		08/06/16 02:04	10
Toluene-d8 (Surr)	95		80 - 120					08/06/16 02:04	10
4-Bromofluorobenzene (Surr)	109		73 - 120					08/06/16 02:04	10
Dibromofluoromethane (Surr)	112		75 - 123					08/06/16 02:04	10

Client Sample ID: 819018SS018000XX Lab Sample ID: 480-103449-18

Date Collected: 07/19/16 12:50 Matrix: Solid Date Received: 07/21/16 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			08/06/16 02:27	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			08/06/16 02:27	10
Chlorobenzene	ND		0.010	0.0075	mg/L			08/06/16 02:27	10
Chloroform	ND		0.010	0.0034	mg/L			08/06/16 02:27	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/06/16 02:27	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/06/16 02:27	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/06/16 02:27	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/06/16 02:27	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/06/16 02:27	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/06/16 02:27	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120					08/06/16 02:27	10
Toluene-d8 (Surr)	98		80 - 120					08/06/16 02:27	10
4-Bromofluorobenzene (Surr)	114		73 - 120					08/06/16 02:27	10
Dibromofluoromethane (Surr)	109		75 - 123					08/06/16 02:27	10

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018SS019000XX

Lab Sample ID: 480-103449-19

Matrix: Solid

Matrix: Solid

Date Collected: 07/19/16 13:20 Date Received: 07/21/16 09:30

Method: 8260C - TCLP Vol	atiles - TCLP								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			08/06/16 02:50	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			08/06/16 02:50	10
Chlorobenzene	ND		0.010	0.0075	mg/L			08/06/16 02:50	10
Chloroform	ND		0.010	0.0034	mg/L			08/06/16 02:50	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/06/16 02:50	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/06/16 02:50	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/06/16 02:50	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/06/16 02:50	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/06/16 02:50	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/06/16 02:50	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120					08/06/16 02:50	10
Toluene-d8 (Surr)	94		80 - 120					08/06/16 02:50	10
4-Bromofluorobenzene (Surr)	109		73 - 120					08/06/16 02:50	10
Dibromofluoromethane (Surr)	115		75 - 123					08/06/16 02:50	10

Date Collected: 07/19/16 13:25
Date Received: 07/21/16 09:30

109

113

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			08/08/16 16:10	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			08/08/16 16:10	10
Chlorobenzene	ND		0.010	0.0075	mg/L			08/08/16 16:10	10
Chloroform	ND		0.010	0.0034	mg/L			08/08/16 16:10	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/08/16 16:10	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/08/16 16:10	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/08/16 16:10	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/08/16 16:10	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/08/16 16:10	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/08/16 16:10	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120					08/08/16 16:10	10
Toluene-d8 (Surr)	95		80 - 120					08/08/16 16:10	10

73 - 120

75 - 123

Date Collected: 07/19/16 13:30
Date Received: 07/21/16 09:30

4-Bromofluorobenzene (Surr)

Dibromofluoromethane (Surr)

Method: 8260C - TCLP Volatile	es - TCLP						
Analyte	Result Qualifier	RL	MDL U	Jnit C	Prepared	Analyzed	Dil Fac
Benzene	ND	0.010	0.0041 m	ng/L		08/08/16 16:34	10
Carbon tetrachloride	ND	0.010	0.0027 m	ng/L		08/08/16 16:34	10
Chlorobenzene	ND	0.010	0.0075 m	ng/L		08/08/16 16:34	10
Chloroform	ND	0.010	0.0034 m	ng/L		08/08/16 16:34	10

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08/08/16 16:10

08/08/16 16:10

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Matrix: Solid

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Client: New York State D.E.C.

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018SS021000XX

Lab Sample ID: 480-103449-21

Matrix: Solid

Date Collected: 07/19/16 13:30 Date Received: 07/21/16 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/08/16 16:34	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/08/16 16:34	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/08/16 16:34	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/08/16 16:34	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/08/16 16:34	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/08/16 16:34	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		77 - 120					08/08/16 16:34	10
Toluene-d8 (Surr)	93		80 - 120					08/08/16 16:34	10
4-Bromofluorobenzene (Surr)	111		73 - 120					08/08/16 16:34	10
Dibromofluoromethane (Surr)	121		75 - 123					08/08/16 16:34	10

Client Sample ID: 819018SS022000XX

Date Collected: 07/19/16 13:35 Date Received: 07/21/16 09:30 Lab Sample ID: 480-103449-22

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			08/08/16 16:57	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			08/08/16 16:57	10
Chlorobenzene	ND		0.010	0.0075	mg/L			08/08/16 16:57	10
Chloroform	ND		0.010	0.0034	mg/L			08/08/16 16:57	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/08/16 16:57	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/08/16 16:57	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/08/16 16:57	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/08/16 16:57	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/08/16 16:57	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/08/16 16:57	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		77 - 120			=		08/08/16 16:57	10
Toluene-d8 (Surr)	95		80 - 120					08/08/16 16:57	10
4-Bromofluorobenzene (Surr)	114		73 - 120					08/08/16 16:57	10
Dibromofluoromethane (Surr)	115		75 - 123					08/08/16 16:57	10

Client Sample ID: 819018SS023000XX

Date Collected: 07/19/16 13:40 Date Received: 07/21/16 09:30 Lab Sample ID: 480-103449-23
Matrix: Solid

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND ND	0.010	0.0041	mg/L			08/08/16 17:20	10
Carbon tetrachloride	ND	0.010	0.0027	mg/L			08/08/16 17:20	10
Chlorobenzene	ND	0.010	0.0075	mg/L			08/08/16 17:20	10
Chloroform	ND	0.010	0.0034	mg/L			08/08/16 17:20	10
1,2-Dichloroethane	ND	0.010	0.0021	mg/L			08/08/16 17:20	10
1,1-Dichloroethene	ND	0.010	0.0029	mg/L			08/08/16 17:20	10
2-Butanone (MEK)	ND	0.050	0.013	mg/L			08/08/16 17:20	10
Tetrachloroethene	ND	0.010	0.0036	mg/L			08/08/16 17:20	10

Project/Site: Batavia Iron & Metal #819018

Lab Sample ID: 480-103449-23

Matrix: Solid

Client Sample ID: 819018SS023000XX

Date Collected: 07/19/16 13:40 Date Received: 07/21/16 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.010	0.0046	mg/L			08/08/16 17:20	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/08/16 17:20	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		77 - 120			-		08/08/16 17:20	10
Toluene-d8 (Surr)	93		80 - 120					08/08/16 17:20	10
4-Bromofluorobenzene (Surr)	110		73 - 120					08/08/16 17:20	10
Dibromofluoromethane (Surr)	119		75 - 123					08/08/16 17:20	10

Client Sample ID: 819018SS024000XX

Date Collected: 07/19/16 14:30

Lab Sample ID: 480-103449-24 **Matrix: Solid**

Date Received: 07/21/16 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			08/08/16 17:44	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			08/08/16 17:44	10
Chlorobenzene	ND		0.010	0.0075	mg/L			08/08/16 17:44	10
Chloroform	ND		0.010	0.0034	mg/L			08/08/16 17:44	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/08/16 17:44	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/08/16 17:44	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/08/16 17:44	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/08/16 17:44	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/08/16 17:44	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/08/16 17:44	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		77 - 120					08/08/16 17:44	10
Toluene-d8 (Surr)	92		80 - 120					08/08/16 17:44	10
4-Bromofluorobenzene (Surr)	110		73 - 120					08/08/16 17:44	10
Dibromofluoromethane (Surr)	116		75 - 123					08/08/16 17:44	10

Client Sample ID: 819018SS025000XX

Lab Sample ID: 480-103449-25 Date Collected: 07/19/16 14:35

Date Received: 07/21/16 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			08/08/16 18:07	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			08/08/16 18:07	10
Chlorobenzene	ND		0.010	0.0075	mg/L			08/08/16 18:07	10
Chloroform	ND		0.010	0.0034	mg/L			08/08/16 18:07	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/08/16 18:07	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/08/16 18:07	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/08/16 18:07	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/08/16 18:07	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/08/16 18:07	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/08/16 18:07	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120			-		08/08/16 18:07	10

TestAmerica Buffalo

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Matrix: Solid

Project/Site: Batavia Iron & Metal #819018

TestAmerica Job ID: 480-103449-1

Client Sample ID: 819018SS025000XX

Lab Sample ID: 480-103449-25

Matrix: Solid

Date Collected: 07/19/16 14:35 Date Received: 07/21/16 09:30

Method: 8260C - TCLP Volatiles - TCLP (Continued)

Surrogate	%Recovery Qualifi	er Limits	Prepared Ana	lyzed Dil F	=ac
Toluene-d8 (Surr)	96	80 - 120	08/08/	16 18:07	10
4-Bromofluorobenzene (Surr)	114	73 - 120	08/08/	16 18:07	10
Dibromofluoromethane (Surr)	116	75 - 123	08/08/	16 18:07	10

Client Sample ID: 819018SS026000XX Lab Sample ID: 480-103449-26

Date Collected: 07/19/16 11:40 **Matrix: Solid**

Date Received: 07/21/16 09:30

Method: 8260C - TCLP Vola Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			08/08/16 14:49	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			08/08/16 14:49	10
Chlorobenzene	ND		0.010	0.0075	mg/L			08/08/16 14:49	10
Chloroform	ND		0.010	0.0034	mg/L			08/08/16 14:49	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/08/16 14:49	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/08/16 14:49	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/08/16 14:49	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/08/16 14:49	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/08/16 14:49	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/08/16 14:49	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120			•		08/08/16 14:49	10
Toluene-d8 (Surr)	96		80 - 120					08/08/16 14:49	10
4-Bromofluorobenzene (Surr)	108		73 - 120					08/08/16 14:49	10
Dibromofluoromethane (Surr)	108		75 - 123					08/08/16 14:49	10

Client Sample ID: 819018SS027000XX

Lab Sample ID: 480-103449-27 Date Collected: 07/19/16 11:45 **Matrix: Solid**

Date Received: 07/21/16 09:30

Method: 8260C - TCLP Vola Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
		Qualifier					Prepareu		
Benzene	ND		0.010		mg/L			08/08/16 15:13	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			08/08/16 15:13	10
Chlorobenzene	ND		0.010	0.0075	mg/L			08/08/16 15:13	10
Chloroform	ND		0.010	0.0034	mg/L			08/08/16 15:13	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/08/16 15:13	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/08/16 15:13	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/08/16 15:13	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/08/16 15:13	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/08/16 15:13	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/08/16 15:13	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120			-		08/08/16 15:13	10
Toluene-d8 (Surr)	93		80 - 120					08/08/16 15:13	10
4-Bromofluorobenzene (Surr)	114		73 - 120					08/08/16 15:13	10
Dibromofluoromethane (Surr)	104		75 - 123					08/08/16 15:13	10

TestAmerica Buffalo

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Client: New York State D.E.C. TestAmerica Job ID: 480-103449-1

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018SS028000XX

Lab Sample ID: 480-103449-28

Matrix: Solid

Date Collected: 07/19/16 11:50 Date Received: 07/21/16 09:30

Method: 8260C - TCLP Vol		Ovalifian	DI.	MDI	l lm:4	Б	Dramarad	Amalumad	Dil Foo
Analyte		Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			08/08/16 15:36	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			08/08/16 15:36	10
Chlorobenzene	ND		0.010	0.0075	mg/L			08/08/16 15:36	10
Chloroform	ND		0.010	0.0034	mg/L			08/08/16 15:36	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/08/16 15:36	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/08/16 15:36	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/08/16 15:36	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/08/16 15:36	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/08/16 15:36	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/08/16 15:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		77 - 120					08/08/16 15:36	10
Toluene-d8 (Surr)	93		80 - 120					08/08/16 15:36	10
4-Bromofluorobenzene (Surr)	109		73 - 120					08/08/16 15:36	10
Dibromofluoromethane (Surr)	99		75 - 123					08/08/16 15:36	10

Client Sample ID: 819018SS029000XX Lab Sample ID: 480-103449-29

Date Collected: 07/19/16 11:05 **Matrix: Solid**

Date Received: 07/21/16 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			08/08/16 16:00	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			08/08/16 16:00	10
Chlorobenzene	ND		0.010	0.0075	mg/L			08/08/16 16:00	10
Chloroform	ND		0.010	0.0034	mg/L			08/08/16 16:00	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/08/16 16:00	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/08/16 16:00	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/08/16 16:00	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/08/16 16:00	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/08/16 16:00	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/08/16 16:00	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120					08/08/16 16:00	10
Toluene-d8 (Surr)	97		80 - 120					08/08/16 16:00	10
4-Bromofluorobenzene (Surr)	112		73 - 120					08/08/16 16:00	10
Dibromofluoromethane (Surr)	105		75 - 123					08/08/16 16:00	10

Client Sample ID: 819018SS030000XX Lab Sample ID: 480-103449-30

Date Collected: 07/19/16 11:10

Matrix: Solid Date Received: 07/21/16 09:30

Method: 8260C - TCLP Volatiles - TCLP								
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND ND	0.010	0.0041	mg/L			08/08/16 16:25	10
Carbon tetrachloride	ND	0.010	0.0027	mg/L			08/08/16 16:25	10
Chlorobenzene	ND	0.010	0.0075	mg/L			08/08/16 16:25	10
Chloroform	ND	0.010	0.0034	mg/L			08/08/16 16:25	10

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018SS030000XX

Date Collected: 07/19/16 11:10 Date Received: 07/21/16 09:30 Lab Sample ID: 480-103449-30

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/08/16 16:25	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/08/16 16:25	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/08/16 16:25	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/08/16 16:25	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/08/16 16:25	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/08/16 16:25	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120					08/08/16 16:25	10
Toluene-d8 (Surr)	91		80 - 120					08/08/16 16:25	10
4-Bromofluorobenzene (Surr)	113		73 - 120					08/08/16 16:25	10
Dibromofluoromethane (Surr)	109		75 - 123					08/08/16 16:25	10

Client Sample ID: 819018SS031000XX

Date Collected: 07/19/16 11:15 Date Received: 07/21/16 09:30

Lab Sample ID: 480-103449-31

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			08/08/16 16:49	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			08/08/16 16:49	10
Chlorobenzene	ND		0.010	0.0075	mg/L			08/08/16 16:49	10
Chloroform	ND		0.010	0.0034	mg/L			08/08/16 16:49	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/08/16 16:49	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/08/16 16:49	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/08/16 16:49	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/08/16 16:49	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/08/16 16:49	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/08/16 16:49	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101	· -	77 - 120			•		08/08/16 16:49	10
Toluene-d8 (Surr)	93		80 - 120					08/08/16 16:49	10
4-Bromofluorobenzene (Surr)	110		73 - 120					08/08/16 16:49	10
Dibromofluoromethane (Surr)	105		75 - 123					08/08/16 16:49	10

Client Sample ID: 819018SS032000XX

Date Collected: 07/19/16 09:40 Date Received: 07/21/16 09:30 Lab Sample ID: 480-103449-32

Matrix: Solid

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND ND	0.010	0.0041	mg/L			08/08/16 17:13	10
Carbon tetrachloride	ND	0.010	0.0027	mg/L			08/08/16 17:13	10
Chlorobenzene	ND	0.010	0.0075	mg/L			08/08/16 17:13	10
Chloroform	ND	0.010	0.0034	mg/L			08/08/16 17:13	10
1,2-Dichloroethane	ND	0.010	0.0021	mg/L			08/08/16 17:13	10
1,1-Dichloroethene	ND	0.010	0.0029	mg/L			08/08/16 17:13	10
2-Butanone (MEK)	ND	0.050	0.013	mg/L			08/08/16 17:13	10
Tetrachloroethene	ND	0.010	0.0036	mg/L			08/08/16 17:13	10

RL

0.010

0.010

MDL Unit

0.0046 mg/L

0.0090 mg/L

10

Matrix: Solid

Client: New York State D.E.C.

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018SS032000XX

Method: 8260C - TCLP Volatiles - TCLP (Continued)

Result Qualifier

ND

ND

%Recovery Qualifier

96

93

Date Collected: 07/19/16 09:40 Date Received: 07/21/16 09:30

Analyte

Trichloroethene

Toluene-d8 (Surr)

Vinyl chloride

Surrogate

Lab Sample ID: 480-103449-32

Matrix: Solid

08/08/16 17:13

D	Prepared	Analyzed	Dil Fac
		08/08/16 17:13	10
		08/08/16 17:13	10
	Prepared	Analyzed	Dil Fac
-		08/08/16 17:13	10

08/08/16 17:13 4-Bromofluorobenzene (Surr) 107 73 - 120 Dibromofluoromethane (Surr) 102 75 - 123 08/08/16 17:13 Client Sample ID: 819018SS033000XX Lab Sample ID: 480-103449-33

Limits

77 - 120

80 - 120

Date Collected: 07/19/16 09:45 Date Received: 07/21/16 09:30

1,2-Dichloroethane-d4 (Surr)

Method: 8260C - TCLP Vola						_			
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			08/08/16 17:37	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			08/08/16 17:37	10
Chlorobenzene	ND		0.010	0.0075	mg/L			08/08/16 17:37	10
Chloroform	ND		0.010	0.0034	mg/L			08/08/16 17:37	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/08/16 17:37	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/08/16 17:37	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/08/16 17:37	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/08/16 17:37	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/08/16 17:37	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/08/16 17:37	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120					08/08/16 17:37	10
Toluene-d8 (Surr)	95		80 - 120					08/08/16 17:37	10
4-Bromofluorobenzene (Surr)	113		73 - 120					08/08/16 17:37	10
Dibromofluoromethane (Surr)	107		75 - 123					08/08/16 17:37	10

Client Sample ID: 819018SS034000XX Lab Sample ID: 480-103449-34

Date Collected: 07/19/16 09:50 Date Received: 07/21/16 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			08/08/16 18:00	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			08/08/16 18:00	10
Chlorobenzene	ND		0.010	0.0075	mg/L			08/08/16 18:00	10
Chloroform	ND		0.010	0.0034	mg/L			08/08/16 18:00	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/08/16 18:00	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/08/16 18:00	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/08/16 18:00	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/08/16 18:00	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/08/16 18:00	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/08/16 18:00	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1.2-Dichloroethane-d4 (Surr)	100		77 - 120					08/08/16 18:00	10

TestAmerica Buffalo

Matrix: Solid

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018SS034000XX

Date Collected: 07/19/16 09:50 Date Received: 07/21/16 09:30

Lab Sample ID: 480-103449-34

Lab Sample ID: 480-103449-36

Matrix: Solid

Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP (Continued)

Surrogate	%Recovery Qualifier	Limits	Prepared Analyzed	Dil Fac
Toluene-d8 (Surr)	94	80 - 120	08/08/16 18:	00 10
4-Bromofluorobenzene (Surr)	113	73 - 120	08/08/16 18:	00 10
Dibromofluoromethane (Surr)	102	75 - 123	08/08/16 18:	00 10

Client Sample ID: 819018SS035000XX Lab Sample ID: 480-103449-35

Date Collected: 07/19/16 09:55 **Matrix: Solid**

Date Received: 07/21/16 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			08/08/16 18:24	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			08/08/16 18:24	10
Chlorobenzene	ND		0.010	0.0075	mg/L			08/08/16 18:24	10
Chloroform	ND		0.010	0.0034	mg/L			08/08/16 18:24	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/08/16 18:24	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/08/16 18:24	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/08/16 18:24	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/08/16 18:24	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/08/16 18:24	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/08/16 18:24	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120			=		08/08/16 18:24	10
Toluene-d8 (Surr)	95		80 - 120					08/08/16 18:24	10
4-Bromofluorobenzene (Surr)	112		73 - 120					08/08/16 18:24	10
Dibromofluoromethane (Surr)	104		75 - 123					08/08/16 18:24	10

Client Sample ID: 819018SS036000XX

Date Collected: 07/19/16 10:00

Date Received: 07/21/16 09:30

Method: 8260C - TCLP Vola Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			08/08/16 18:48	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			08/08/16 18:48	10
Chlorobenzene	ND		0.010	0.0075	mg/L			08/08/16 18:48	10
Chloroform	ND		0.010	0.0034	mg/L			08/08/16 18:48	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/08/16 18:48	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/08/16 18:48	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/08/16 18:48	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/08/16 18:48	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/08/16 18:48	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/08/16 18:48	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120					08/08/16 18:48	10
Toluene-d8 (Surr)	96		80 - 120					08/08/16 18:48	10
4-Bromofluorobenzene (Surr)	115		73 - 120					08/08/16 18:48	10
Dibromofluoromethane (Surr)	108		75 - 123					08/08/16 18:48	10

Project/Site: Batavia Iron & Metal #819018

Lab Sample ID: 480-103449-37

Client Sample ID: 819018SS037000XX Date Collected: 07/19/16 08:55 **Matrix: Solid**

Date Received: 07/21/16 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			08/08/16 19:11	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			08/08/16 19:11	10
Chlorobenzene	ND		0.010	0.0075	mg/L			08/08/16 19:11	10
Chloroform	ND		0.010	0.0034	mg/L			08/08/16 19:11	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/08/16 19:11	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/08/16 19:11	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/08/16 19:11	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/08/16 19:11	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/08/16 19:11	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/08/16 19:11	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120			-		08/08/16 19:11	10
Toluene-d8 (Surr)	93		80 - 120					08/08/16 19:11	10
4-Bromofluorobenzene (Surr)	111		73 - 120					08/08/16 19:11	10
Dibromofluoromethane (Surr)	105		75 - 123					08/08/16 19:11	10

Client Sample ID: 819018SS038000XX Lab Sample ID: 480-103449-38

Date Collected: 07/19/16 09:00 **Matrix: Solid**

Date Received: 07/21/16 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			08/08/16 19:35	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			08/08/16 19:35	10
Chlorobenzene	ND		0.010	0.0075	mg/L			08/08/16 19:35	10
Chloroform	ND		0.010	0.0034	mg/L			08/08/16 19:35	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			08/08/16 19:35	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			08/08/16 19:35	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			08/08/16 19:35	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			08/08/16 19:35	10
Trichloroethene	ND		0.010	0.0046	mg/L			08/08/16 19:35	10
Vinyl chloride	ND		0.010	0.0090	mg/L			08/08/16 19:35	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120			-		08/08/16 19:35	10
Toluene-d8 (Surr)	95		80 - 120					08/08/16 19:35	10
4-Bromofluorobenzene (Surr)	111		73 - 120					08/08/16 19:35	10
Dibromofluoromethane (Surr)	108		75 - 123					08/08/16 19:35	10

Client Sample ID: 819018SS039000XX Lab Sample ID: 480-103449-39

Date Collected: 07/20/16 10:00 **Matrix: Solid** Date Received: 07/21/16 09:30 Percent Solids: 77.7

Method: 8082A - Poly	Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.27	0.052	mg/Kg	<u> </u>	07/22/16 07:33	07/23/16 03:30	1
PCB-1221	ND		0.27	0.052	mg/Kg	₩	07/22/16 07:33	07/23/16 03:30	1
PCB-1232	ND		0.27	0.052	mg/Kg	₩	07/22/16 07:33	07/23/16 03:30	1
PCB-1242	ND		0.27	0.052	mg/Kg		07/22/16 07:33	07/23/16 03:30	1

Project/Site: Batavia Iron & Metal #819018

Lab Sample ID: 480-103449-39

Matrix: Solid

Percent Solids: 77.7

Client Sample ID: 819018SS039000XX Date Collected: 07/20/16 10:00

Date Received: 07/21/16 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	ND		0.27	0.052	mg/Kg	<u> </u>	07/22/16 07:33	07/23/16 03:30	1
PCB-1254	ND		0.27	0.12	mg/Kg	₩	07/22/16 07:33	07/23/16 03:30	1
PCB-1260	ND		0.27	0.12	mg/Kg	₽	07/22/16 07:33	07/23/16 03:30	1
Polychlorinated biphenyls, Total	ND		0.27	0.12	mg/Kg	₩	07/22/16 07:33	07/23/16 03:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	113		60 - 154				07/22/16 07:33	07/23/16 03:30	1
Tetrachloro-m-xylene	100		60 - 154				07/22/16 07:33	07/23/16 03:30	1
DCB Decachlorobiphenyl	110		65 - 174				07/22/16 07:33	07/23/16 03:30	1
DCB Decachlorobiphenyl	97		65 - 174				07/00/40 07 00	07/23/16 03:30	

Client Sample ID: 819018SS040000XX

Date Received: 07/21/16 09:30

Lab Sample ID: 480-103449-40 **Matrix: Solid**

Date Collected: 07/20/16 10:05 Percent Solids: 87.5

pate Neceived. 07/21/10 05.50	10 10001704. 07/21/10 00:00								13. 07.3
Method: 8082A - Polychlorina	ited Bipheny	yls (PCBs)	by Gas Chro	omatogr	aphy				
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.25	0.048	mg/Kg	<u></u>	07/22/16 07:33	07/23/16 03:46	1
PCB-1221	ND		0.25	0.048	mg/Kg	₩	07/22/16 07:33	07/23/16 03:46	1
PCB-1232	ND		0.25	0.048	mg/Kg	☼	07/22/16 07:33	07/23/16 03:46	1
PCB-1242	ND		0.25	0.048	mg/Kg	₽	07/22/16 07:33	07/23/16 03:46	1
PCB-1248	ND		0.25	0.048	mg/Kg	☼	07/22/16 07:33	07/23/16 03:46	1
PCB-1254	ND		0.25	0.12	mg/Kg	☼	07/22/16 07:33	07/23/16 03:46	1
PCB-1260	0.16	J	0.25	0.12	mg/Kg	₽	07/22/16 07:33	07/23/16 03:46	1
Polychlorinated biphenyls, Total	0.16	J	0.25	0.12	mg/Kg	₩	07/22/16 07:33	07/23/16 03:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	107		60 - 154				07/22/16 07:33	07/23/16 03:46	1
Tetrachloro-m-xylene	94		60 - 154				07/22/16 07:33	07/23/16 03:46	1
DCB Decachlorobiphenyl	113		65 - 174				07/22/16 07:33	07/23/16 03:46	1
DCB Decachlorobiphenyl	104		65 - 174				07/22/16 07:33	07/23/16 03:46	1

Client Sample ID: 819018SS041000XX Lab Sample ID: 480-103449-41

Date Collected: 07/20/16 10:10 **Matrix: Solid** Date Received: 07/21/16 09:30 Percent Solids: 84.4

Analyte	Result	Qualifier	R	L	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.2	28 (0.054	mg/Kg	₩	07/22/16 07:33	07/23/16 04:02	1
PCB-1221	ND		0.2	28 (0.054	mg/Kg	☼	07/22/16 07:33	07/23/16 04:02	1
PCB-1232	ND		0.2	28 (0.054	mg/Kg	☼	07/22/16 07:33	07/23/16 04:02	1
PCB-1242	ND		0.2	28 (0.054	mg/Kg	₽	07/22/16 07:33	07/23/16 04:02	1
PCB-1248	ND		0.2	28 (0.054	mg/Kg	☼	07/22/16 07:33	07/23/16 04:02	1
PCB-1254	ND		0.2	28	0.13	mg/Kg	☼	07/22/16 07:33	07/23/16 04:02	1
PCB-1260	0.13	J	0.2	28	0.13	mg/Kg	₩.	07/22/16 07:33	07/23/16 04:02	1
Polychlorinated biphenyls, Total	0.13	J	0.2	28	0.13	mg/Kg	₩	07/22/16 07:33	07/23/16 04:02	1
Surrogate	%Recovery	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	122		60 - 154	!				07/22/16 07:33	07/23/16 04:02	1
Tetrachloro-m-xylene	105		60 - 154	!				07/22/16 07:33	07/23/16 04:02	1
DCB Decachlorobiphenyl	124		65 - 174	!				07/22/16 07:33	07/23/16 04:02	1

Date Received: 07/21/16 09:30

Project/Site: Batavia Iron & Metal #819018

Lab Sample ID: 480-103449-41

Matrix: Solid

Percent Solids: 84.4

Client Sample ID: 819018SS041000XX Date Collected: 07/20/16 10:10

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

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

Surrogate	%Recovery Qualifier	Limits	Prepared Analyzed	Dil Fac
DCB Decachlorobiphenvl	113	65 - 174	07/22/16 07:33 07/23/16 04:02	1

Client Sample ID: 819018SS042000XX Lab Sample ID: 480-103449-42

Date Collected: 07/20/16 10:15 **Matrix: Solid** Date Received: 07/21/16 09:30 Percent Solids: 89.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.27	0.053	mg/Kg	<u> </u>	07/22/16 07:33	07/23/16 04:18	1
PCB-1221	ND		0.27	0.053	mg/Kg	₽	07/22/16 07:33	07/23/16 04:18	1
PCB-1232	ND		0.27	0.053	mg/Kg	₩	07/22/16 07:33	07/23/16 04:18	1
PCB-1242	ND		0.27	0.053	mg/Kg	₽	07/22/16 07:33	07/23/16 04:18	1
PCB-1248	ND		0.27	0.053	mg/Kg	☼	07/22/16 07:33	07/23/16 04:18	1
PCB-1254	ND		0.27	0.13	mg/Kg	₩	07/22/16 07:33	07/23/16 04:18	1
PCB-1260	ND		0.27	0.13	mg/Kg	.	07/22/16 07:33	07/23/16 04:18	1
Polychlorinated biphenyls, Total	ND		0.27	0.13	mg/Kg	₩	07/22/16 07:33	07/23/16 04:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	121		60 - 154				07/22/16 07:33	07/23/16 04:18	1
Tetrachloro-m-xylene	108		60 - 154				07/22/16 07:33	07/23/16 04:18	1
DCB Decachlorobiphenyl	128		65 - 174				07/22/16 07:33	07/23/16 04:18	1
DCB Decachlorobiphenyl	119		65 - 174				07/22/16 07:33	07/23/16 04:18	1

Client Sample ID: 819018SS043000XX Lab Sample ID: 480-103449-43

Date Collected: 07/20/16 10:20 **Matrix: Solid** Date Received: 07/21/16 09:30 Percent Solids: 57.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.84	0.17	mg/Kg	☼	07/22/16 07:33	07/23/16 04:34	2
PCB-1221	ND		0.84	0.17	mg/Kg	☼	07/22/16 07:33	07/23/16 04:34	2
PCB-1232	ND		0.84	0.17	mg/Kg	☼	07/22/16 07:33	07/23/16 04:34	2
PCB-1242	ND		0.84	0.17	mg/Kg	₽	07/22/16 07:33	07/23/16 04:34	2
PCB-1248	3.3		0.84	0.17	mg/Kg	☼	07/22/16 07:33	07/23/16 04:34	2
PCB-1254	3.4		0.84	0.40	mg/Kg	₽	07/22/16 07:33	07/23/16 04:34	2
PCB-1260	2.8		0.84	0.40	mg/Kg	\$	07/22/16 07:33	07/23/16 04:34	2
Polychlorinated biphenyls, Total	9.5		0.84	0.40	mg/Kg	₩	07/22/16 07:33	07/23/16 04:34	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	98		60 - 154				07/22/16 07:33	07/23/16 04:34	2
Tetrachloro-m-xylene	81		60 - 154				07/22/16 07:33	07/23/16 04:34	2
DCB Decachlorobiphenyl	103		65 - 174				07/22/16 07:33	07/23/16 04:34	2
DCB Decachlorobiphenyl	112		65 - 174				07/22/16 07:33	07/23/16 04:34	2

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Client: New York State D.E.C.

Date Collected: 07/20/16 10:25

Date Received: 07/21/16 09:30

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018SS044000XX

Lab Sample ID: 480-103449-44

Matrix: Solid

Matrix: Solid Percent Solids: 81.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.29	0.056	mg/Kg	<u> </u>	07/22/16 07:33	07/23/16 04:49	1
PCB-1221	ND		0.29	0.056	mg/Kg	☼	07/22/16 07:33	07/23/16 04:49	1
PCB-1232	ND		0.29	0.056	mg/Kg	☼	07/22/16 07:33	07/23/16 04:49	1
PCB-1242	ND		0.29	0.056	mg/Kg	₽	07/22/16 07:33	07/23/16 04:49	1
PCB-1248	1.5		0.29	0.056	mg/Kg	₩	07/22/16 07:33	07/23/16 04:49	1
PCB-1254	2.5		0.29	0.13	mg/Kg	₽	07/22/16 07:33	07/23/16 04:49	1
PCB-1260	1.9		0.29	0.13	mg/Kg	φ.	07/22/16 07:33	07/23/16 04:49	1
Polychlorinated biphenyls, Total	5.9		0.29	0.13	mg/Kg	☼	07/22/16 07:33	07/23/16 04:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	118		60 - 154				07/22/16 07:33	07/23/16 04:49	1
Tetrachloro-m-xylene	103		60 - 154				07/22/16 07:33	07/23/16 04:49	1
DCB Decachlorobiphenyl	125		65 ₋ 174				07/22/16 07:33	07/23/16 04:49	1
DCB Decachlorobiphenyl	116		65 - 174				07/22/16 07:33	07/23/16 04:49	1

 Date Collected: 07/20/16 10:30
 Matrix: Solid

 Date Received: 07/21/16 09:30
 Percent Solids: 92.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2.3	0.46	mg/Kg	\	07/22/16 07:33	07/23/16 05:06	10
PCB-1221	ND		2.3	0.46	mg/Kg	☼	07/22/16 07:33	07/23/16 05:06	10
PCB-1232	ND		2.3	0.46	mg/Kg	₽	07/22/16 07:33	07/23/16 05:06	10
PCB-1242	ND		2.3	0.46	mg/Kg	\$	07/22/16 07:33	07/23/16 05:06	10
PCB-1248	16		2.3	0.46	mg/Kg	☼	07/22/16 07:33	07/23/16 05:06	10
PCB-1254	23		2.3	1.1	mg/Kg	☼	07/22/16 07:33	07/23/16 05:06	10
PCB-1260	14		2.3	1.1	mg/Kg	₽	07/22/16 07:33	07/23/16 05:06	10
Polychlorinated biphenyls, Total	53		2.3	1.1	mg/Kg	☼	07/22/16 07:33	07/23/16 05:06	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	80		60 - 154				07/22/16 07:33	07/23/16 05:06	10
Tetrachloro-m-xylene	79		60 - 154				07/22/16 07:33	07/23/16 05:06	10
DCB Decachlorobiphenyl	206	X	65 - 174				07/22/16 07:33	07/23/16 05:06	10
DCB Decachlorobiphenyl	248	X	65 - 174				07/22/16 07:33	07/23/16 05:06	10

Date Collected: 07/20/16 08:40

Date Received: 07/21/16 09:30

Matrix: Solid

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND ND	0.010	0.00046	mg/L		07/26/16 10:16	07/27/16 11:23	1
2,4-Dinitrotoluene	ND	0.0050	0.00045	mg/L		07/26/16 10:16	07/27/16 11:23	1
Hexachlorobenzene	ND	0.0050	0.00051	mg/L		07/26/16 10:16	07/27/16 11:23	1
Hexachlorobutadiene	ND	0.0050	0.00068	mg/L		07/26/16 10:16	07/27/16 11:23	1
Hexachloroethane	ND	0.0050	0.00059	mg/L		07/26/16 10:16	07/27/16 11:23	1
3-Methylphenol	ND	0.010	0.00040	mg/L		07/26/16 10:16	07/27/16 11:23	1
2-Methylphenol	ND	0.0050	0.00040	mg/L		07/26/16 10:16	07/27/16 11:23	1
4-Methylphenol	ND	0.010	0.00036	mg/L		07/26/16 10:16	07/27/16 11:23	1

Client Sample Results

Client: New York State D.E.C.

Date Collected: 07/20/16 08:40

Date Received: 07/21/16 09:30

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018WC001000XX

TestAmerica Job ID: 480-103449-1

Lab Sample ID: 480-103449-46

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		0.0050	0.00029	mg/L		07/26/16 10:16	07/27/16 11:23	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		07/26/16 10:16	07/27/16 11:23	1
Pyridine	ND		0.025	0.00041	mg/L		07/26/16 10:16	07/27/16 11:23	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		07/26/16 10:16	07/27/16 11:23	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		07/26/16 10:16	07/27/16 11:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	85		52 - 132				07/26/16 10:16	07/27/16 11:23	1
2-Fluorobiphenyl	88		48 - 120				07/26/16 10:16	07/27/16 11:23	1
2-Fluorophenol	48		20 - 120				07/26/16 10:16	07/27/16 11:23	1
Nitrobenzene-d5	95		46 - 120				07/26/16 10:16	07/27/16 11:23	1
p-Terphenyl-d14	84		67 - 150				07/26/16 10:16	07/27/16 11:23	1
Phenol-d5	35		16 - 120				07/00/40 40 40	07/27/16 11:23	- 4

Method: 8081B - Organod	chlorine Pesticides	s (GC) - TCI	LP						
Analyte	Result Q	ualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		07/26/16 10:26	07/27/16 12:28	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		07/26/16 10:26	07/27/16 12:28	1
Endrin	ND		0.00020	0.000014	mg/L		07/26/16 10:26	07/27/16 12:28	1
Heptachlor	ND		0.00020	0.0000085	mg/L		07/26/16 10:26	07/27/16 12:28	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		07/26/16 10:26	07/27/16 12:28	1
Methoxychlor	ND		0.00020	0.000014	mg/L		07/26/16 10:26	07/27/16 12:28	1
Toxaphene	ND		0.0020	0.00012	mg/L		07/26/16 10:26	07/27/16 12:28	1
Surrogate	%Recovery Q	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	69		20 - 120				07/26/16 10:26	07/27/16 12:28	1

Method: 8151 - TCLP Herbic	ides - TCLP			
Tetrachloro-m-xylene	73	36 - 120	07/26/16 10:26 07/27/16 12:28	1
Tetrachloro-m-xylene	79	36 - 120	07/26/16 10:26 07/27/16 12:28	1
DCB Decachlorobiphenyl	66	20 - 120	07/26/16 10:26 07/27/16 12:28	1
DCB Decachlorobiphenyl	69	20 - 120	07/26/16 10:26 07/27/16 12:28	1

ides - TCLP								
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ND		0.0020	0.00036	mg/L		07/26/16 10:05	07/27/16 21:20	1
ND		0.0020	0.00040	mg/L		07/26/16 10:05	07/27/16 21:20	1
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
39		35 - 143				07/26/16 10:05	07/27/16 21:20	1
18	X	35 - 143				07/26/16 10:05	07/27/16 21:20	1
	ND ND %Recovery 39	Result Qualifier ND ND **Recovery Qualifier*	Result Qualifier RL ND 0.0020 ND 0.0020 %Recovery Qualifier Limits 39 35 - 143	Result ND Qualifier RL 0.0020 MDL 0.0036 ND 0.0020 0.00040 %Recovery 39 Qualifier Limits 35 - 143	Result ND	Result ND ND Qualifier RL 0.0020 MDL mg/L mg/L mg/L MD mg/L ND N	Result ND Qualifier RL 0.0020 MDL 0.0036 mg/L mg/L mg/L D 07/26/16 10:05 07/26/16 10:05 07/26/16 10:05 ND 0.0020 0.00040 mg/L 07/26/16 10:05 07/26/16 10:05 %Recovery 39 Qualifier Limits 35 - 143 Prepared 07/26/16 10:05	Result ND ND ND Qualifier 0.0020 RL 0.0020 0.00036 mg/L 0.00036 mg/L 0.00036 mg/L 0.00040 mg/L 0.0020 D 0.0020 0.00040 mg/L 0.0026/16 10:05 07/27/16 21:20 0.0020 Prepared 0.07/26/16 10:05 07/27/16 21:20 0.0020 Analyzed 0.0020 0.00040 mg/L 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 10:05 07/27/16 21:20 0.0026/16 0.0026/16 0.0026/16 0.0026/16 0.0026/16 0.0026/16 0.0026/16 0.0026/16 0.0026/16 0.0026/16 0.0026/16 0.0026/16 0.0026/16 0.0026/16 0.0026/1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0057	J	0.015	0.0056	mg/L		07/26/16 12:05	07/27/16 20:21	1
Barium	1.8		1.0	0.10	mg/L		07/26/16 12:05	07/27/16 20:21	1
Cadmium	0.087		0.0020	0.00050	mg/L		07/26/16 12:05	07/27/16 20:21	1
Chromium	ND		0.020	0.010	mg/L		07/26/16 12:05	07/27/16 20:21	1
Lead	1.9		0.020	0.0030	mg/L		07/26/16 12:05	07/27/16 20:21	1
Selenium	ND		0.025	0.0087	mg/L		07/26/16 12:05	07/27/16 20:21	1
Silver	ND		0.0060	0.0017	mg/L		07/26/16 12:05	07/27/16 20:21	1

DCB Decachlorobiphenyl

DCB Decachlorobiphenyl

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018WC001000XX

Lab Sample ID: 480-103449-46

07/22/16 07:39 07/22/16 20:51

07/22/16 07:39 07/22/16 20:51

-ab Sample ID. 400-103443-40

Date Collected: 07/20/16 08:40

Date Received: 07/21/16 09:30

Matrix: Solid

Method: 7470A - Mercury (Analyte	,	Qualifier	RL	MDI	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	<u>Qualifici</u>	0.00020	0.00012				07/26/16 15:08	1
General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	10	mg/Kg		07/26/16 02:40	07/26/16 12:15	1
Sulfide, Reactive	ND		10	10	mg/Kg		07/26/16 02:40	07/26/16 14:15	1

RL Unit Analyte Result Qualifier RL Prepared Analyzed Dil Fac Burn Rate ND 2.20 2.20 mm/sec 08/08/16 11:30 0.1 SU 07/24/16 08:30 0.1 рΗ 7.7 HF

 Date Collected: 07/20/16 08:40
 Matrix: Solid

 Date Received: 07/21/16 09:30
 Percent Solids: 85.0

pate recoursed. 01/2 1/10 00:00								i crecini coma	3. 00.0
- Method: 8082A - Polychlorina	ted Biphen	yls (PCBs)	by Gas Chro	matogr	aphy				
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.4	0.27	mg/Kg	<u> </u>	07/22/16 07:39	07/22/16 20:51	5
PCB-1221	ND		1.4	0.27	mg/Kg	☼	07/22/16 07:39	07/22/16 20:51	5
PCB-1232	ND		1.4	0.27	mg/Kg	☼	07/22/16 07:39	07/22/16 20:51	5
PCB-1242	ND		1.4	0.27	mg/Kg	₽	07/22/16 07:39	07/22/16 20:51	5
PCB-1248	4.0		1.4	0.27	mg/Kg	☼	07/22/16 07:39	07/22/16 20:51	5
PCB-1254	9.8		1.4	0.65	mg/Kg	☼	07/22/16 07:39	07/22/16 20:51	5
PCB-1260	8.9	F1	1.4	0.65	mg/Kg	*	07/22/16 07:39	07/22/16 20:51	5
Polychlorinated biphenyls, Total	23		1.4	0.65	mg/Kg	₩	07/22/16 07:39	07/22/16 20:51	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	98		60 - 154				07/22/16 07:39	07/22/16 20:51	5
Tetrachloro-m-xylene	96		60 - 154				07/22/16 07:39	07/22/16 20:51	5

65 - 174

65 - 174

119

146

Date Collected: 07/20/16 09:00 Matrix: Solid Date Received: 07/21/16 09:30

Analyte	Result Qual	ifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND ND	0.010	0.00046	mg/L		07/26/16 10:16	07/27/16 11:50	1
2,4-Dinitrotoluene	ND	0.0050	0.00045	mg/L		07/26/16 10:16	07/27/16 11:50	1
Hexachlorobenzene	ND	0.0050	0.00051	mg/L		07/26/16 10:16	07/27/16 11:50	1
Hexachlorobutadiene	ND	0.0050	0.00068	mg/L		07/26/16 10:16	07/27/16 11:50	1
Hexachloroethane	ND	0.0050	0.00059	mg/L		07/26/16 10:16	07/27/16 11:50	1
3-Methylphenol	ND	0.010	0.00040	mg/L		07/26/16 10:16	07/27/16 11:50	1
2-Methylphenol	ND	0.0050	0.00040	mg/L		07/26/16 10:16	07/27/16 11:50	1
4-Methylphenol	ND	0.010	0.00036	mg/L		07/26/16 10:16	07/27/16 11:50	1
Nitrobenzene	ND	0.0050	0.00029	mg/L		07/26/16 10:16	07/27/16 11:50	1
Pentachlorophenol	ND	0.010	0.0022	mg/L		07/26/16 10:16	07/27/16 11:50	1
Pyridine	ND	0.025	0.00041	mg/L		07/26/16 10:16	07/27/16 11:50	1
2,4,5-Trichlorophenol	ND	0.0050	0.00048	mg/L		07/26/16 10:16	07/27/16 11:50	1
2,4,6-Trichlorophenol	ND	0.0050	0.00061	mg/L		07/26/16 10:16	07/27/16 11:50	1

TestAmerica Buffalo

5

TestAmerica Job ID: 480-103449-1

Client: New York State D.E.C.

Project/Site: Batavia Iron & Metal #819018

Lab Sample ID: 480-103449-47

07/26/16 10:26 07/27/16 12:48

07/26/16 10:26 07/27/16 12:48

07/26/16 10:26 07/27/16 12:48

Matrix: Solid

Client Sample ID: 819018WC02A000XX

Date Collected: 07/20/16 09:00 Date Received: 07/21/16 09:30

DCB Decachlorobiphenyl

Method: 7470A - Mercury (CVAA) - TCLP

Tetrachloro-m-xylene

Tetrachloro-m-xylene

Surrogate	%Recovery Qualifier	Limits	Prepared A	nalyzed	Dil Fac
2,4,6-Tribromophenol	76	52 - 132	07/26/16 10:16 07/2	7/16 11:50	1
2-Fluorobiphenyl	85	48 - 120	07/26/16 10:16 07/2	27/16 11:50	1
2-Fluorophenol	47	20 - 120	07/26/16 10:16 07/2	27/16 11:50	1
Nitrobenzene-d5	95	46 - 120	07/26/16 10:16 07/2	27/16 11:50	1
p-Terphenyl-d14	83	67 - 150	07/26/16 10:16 07/2	27/16 11:50	1
Phenol-d5	35	16 - 120	07/26/16 10:16 07/2	27/16 11:50	1

Method: 8081B - Organochi	orine Pesticide	es (GC) - ⁻	TCLP						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		07/26/16 10:26	07/27/16 12:48	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		07/26/16 10:26	07/27/16 12:48	1
Endrin	ND		0.00020	0.000014	mg/L		07/26/16 10:26	07/27/16 12:48	1
Heptachlor	ND		0.00020	0.0000085	mg/L		07/26/16 10:26	07/27/16 12:48	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		07/26/16 10:26	07/27/16 12:48	1
Methoxychlor	ND		0.00020	0.000014	mg/L		07/26/16 10:26	07/27/16 12:48	1
Toxaphene	ND		0.0020	0.00012	mg/L		07/26/16 10:26	07/27/16 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	78		20 - 120				07/26/16 10:26	07/27/16 12:48	1

20 - 120

36 - 120

36 - 120

96

76

71

Method: 8151 - TCLP Herbic	des - TCLP							
Analyte	Result Qu	ualifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND	0.0020	0.00036	mg/L		07/26/16 10:05	07/27/16 21:49	1
2,4-D	ND	0.0020	0.00040	mg/L		07/26/16 10:05	07/27/16 21:49	1
Surrogate	%Recovery Qu	ualifier Limits				Prepared	Analyzed	Dil Fac
	,	admirer Emmes				riepaieu	Allalyzea	Dir r ac
2,4-Dichlorophenylacetic acid	62	35 - 143				-1	07/27/16 21:49	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0065	J	0.015	0.0056	mg/L		07/26/16 12:05	07/27/16 20:25	1
Barium	2.9		1.0	0.10	mg/L		07/26/16 12:05	07/27/16 20:25	1
Cadmium	0.50		0.0020	0.00050	mg/L		07/26/16 12:05	07/27/16 20:25	1
Chromium	ND		0.020	0.010	mg/L		07/26/16 12:05	07/27/16 20:25	1
Lead	20.8		0.020	0.0030	mg/L		07/26/16 12:05	07/27/16 20:25	1
Selenium	ND		0.025	0.0087	mg/L		07/26/16 12:05	07/27/16 20:25	1
Silver	ND		0.0060	0.0017	mg/L		07/26/16 12:05	07/27/16 20:25	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00077		0.00020	0.00012	mg/L		07/26/16 12:10	07/26/16 15:10	1
General Chemistry Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	10	mg/Kg		07/26/16 02:40	07/26/16 12:15	1
Sulfide, Reactive	ND		10	10	mg/Kg		07/26/16 02:40	07/26/16 14:15	1

Project/Site: Batavia Iron & Metal #819018

Lab Sample ID: 480-103449-47

Matrix: Solid

Client Sample ID: 819018WC02A000XX Date Collected: 07/20/16 09:00

Date Received: 07/21/16 09:30

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate	ND		2.20	2.20	mm/sec			08/01/16 10:15	1
pH	8.3	HF	0.1	0.1	SU			07/24/16 08:30	1

Client Sample ID: 819018WC02A000XX

Date Collected: 07/20/16 09:00

Date Received: 07/21/16 09:30

Lab Sample ID: 480-103449-47

Matrix: Solid Percent Solids: 90.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2.5	0.49	mg/Kg	-	07/22/16 07:39	07/22/16 21:07	10
PCB-1221	ND		2.5	0.49	mg/Kg	₩	07/22/16 07:39	07/22/16 21:07	10
PCB-1232	ND		2.5	0.49	mg/Kg	₩	07/22/16 07:39	07/22/16 21:07	10
PCB-1242	ND		2.5	0.49	mg/Kg	₩.	07/22/16 07:39	07/22/16 21:07	10
PCB-1248	18		2.5	0.49	mg/Kg	₩	07/22/16 07:39	07/22/16 21:07	10
PCB-1254	19		2.5	1.2	mg/Kg	₩	07/22/16 07:39	07/22/16 21:07	10
PCB-1260	13		2.5	1.2	mg/Kg	₩.	07/22/16 07:39	07/22/16 21:07	10
Polychlorinated biphenyls, Total	50		2.5	1.2	mg/Kg	₩	07/22/16 07:39	07/22/16 21:07	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	116		60 - 154				07/22/16 07:39	07/22/16 21:07	10
Tetrachloro-m-xylene	87		60 - 154				07/22/16 07:39	07/22/16 21:07	10
DCB Decachlorobiphenyl	148		65 - 174				07/22/16 07:39	07/22/16 21:07	10
DCB Decachlorobiphenyl	187	X	65 - 174				07/22/16 07:39	07/22/16 21:07	10

Client Sample ID: 819018WC02B000XX

Date Collected: 07/20/16 09:05

Date Received: 07/21/16 09:30

Lab	Sampl	le ID:	480-1	03449-48
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Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		07/26/16 10:16	07/27/16 12:16	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		07/26/16 10:16	07/27/16 12:16	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		07/26/16 10:16	07/27/16 12:16	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		07/26/16 10:16	07/27/16 12:16	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		07/26/16 10:16	07/27/16 12:16	1
3-Methylphenol	ND		0.010	0.00040	mg/L		07/26/16 10:16	07/27/16 12:16	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		07/26/16 10:16	07/27/16 12:16	1
4-Methylphenol	ND		0.010	0.00036	mg/L		07/26/16 10:16	07/27/16 12:16	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		07/26/16 10:16	07/27/16 12:16	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		07/26/16 10:16	07/27/16 12:16	1
Pyridine	ND		0.025	0.00041	mg/L		07/26/16 10:16	07/27/16 12:16	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		07/26/16 10:16	07/27/16 12:16	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		07/26/16 10:16	07/27/16 12:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2 4 6-Tribromonhenol			52 - 132				07/26/16 10:16	07/27/16 12:16	

Surrogate	%Recovery Qualifier	Limits	Prepared Analyzed	ווט
2,4,6-Tribromophenol	80	52 - 132	07/26/16 10:16 07/27/16 12:16	-
2-Fluorobiphenyl	84	48 - 120	07/26/16 10:16 07/27/16 12:16	i
2-Fluorophenol	45	20 - 120	07/26/16 10:16 07/27/16 12:16	i
Nitrobenzene-d5	90	46 - 120	07/26/16 10:16 07/27/16 12:16	;
p-Terphenyl-d14	94	67 - 150	07/26/16 10:16 07/27/16 12:16	i
Phenol-d5	34	16 - 120	07/26/16 10:16 07/27/16 12:16	;

Client Sample Results

Client: New York State D.E.C.

Date Collected: 07/20/16 09:05

Date Received: 07/21/16 09:30

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018WC02B000XX

TestAmerica Job ID: 480-103449-1

Lab Sample ID: 480-103449-48

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		07/26/16 10:26	07/27/16 13:07	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		07/26/16 10:26	07/27/16 13:07	1
Endrin	ND		0.00020	0.000014	mg/L		07/26/16 10:26	07/27/16 13:07	1
Heptachlor	ND		0.00020	0.0000085	mg/L		07/26/16 10:26	07/27/16 13:07	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		07/26/16 10:26	07/27/16 13:07	1
Methoxychlor	ND		0.00020	0.000014	mg/L		07/26/16 10:26	07/27/16 13:07	1
Toxaphene	ND		0.0020	0.00012	mg/L		07/26/16 10:26	07/27/16 13:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	89		20 - 120				07/26/16 10:26	07/27/16 13:07	1
DCB Decachlorobiphenyl	136	X	20 - 120				07/26/16 10:26	07/27/16 13:07	1
Tetrachloro-m-xylene	78		36 - 120				07/26/16 10:26	07/27/16 13:07	1
Tetrachloro-m-xylene	72		36 - 120				07/26/16 10:26	07/27/16 13:07	1

Method: 8151 - TCLP Herbic	ides - TCLP								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		07/26/16 10:05	07/27/16 22:19	1
2,4-D	ND		0.0020	0.00040	mg/L		07/26/16 10:05	07/27/16 22:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	46		35 - 143				07/26/16 10:05	07/27/16 22:19	1
2,4-Dichlorophenylacetic acid	18	Χ	35 - 143				07/26/16 10:05	07/27/16 22:19	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		07/26/16 12:05	07/27/16 20:29	1
Barium	1.8		1.0	0.10	mg/L		07/26/16 12:05	07/27/16 20:29	1
Cadmium	0.41		0.0020	0.00050	mg/L		07/26/16 12:05	07/27/16 20:29	1
Chromium	ND		0.020	0.010	mg/L		07/26/16 12:05	07/27/16 20:29	1
Lead	70.4		0.020	0.0030	mg/L		07/26/16 12:05	07/27/16 20:29	1
Selenium	ND		0.025	0.0087	mg/L		07/26/16 12:05	07/27/16 20:29	1
Silver	ND		0.0060	0.0017	mg/L		07/26/16 12:05	07/27/16 20:29	1

Method: 7470A - Mercury (CVAA)	- TCLP								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		07/26/16 12:10	07/26/16 15:15	1
General Chemistry									

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	10	mg/Kg		07/26/16 02:40	07/26/16 12:15	1
Sulfide, Reactive	ND		10	10	mg/Kg		07/26/16 02:40	07/26/16 14:15	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dame Data	ND								
Burn Rate	ND		2.20	2.20	mm/sec			08/01/16 10:15	1

Project/Site: Batavia Iron & Metal #819018

TestAmerica Job ID: 480-103449-1

Client Sample ID: 819018WC02B000XX

Lab Sample ID: 480-103449-48 Date Collected: 07/20/16 09:05 **Matrix: Solid**

Date Received: 07/21/16 09:30 Percent Solids: 86.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.52	0.10	mg/Kg	<u> </u>	07/22/16 07:39	07/22/16 21:23	2
PCB-1221	ND		0.52	0.10	mg/Kg	☼	07/22/16 07:39	07/22/16 21:23	2
PCB-1232	ND		0.52	0.10	mg/Kg	₩	07/22/16 07:39	07/22/16 21:23	2
PCB-1242	ND		0.52	0.10	mg/Kg	₽	07/22/16 07:39	07/22/16 21:23	2
PCB-1248	3.5		0.52	0.10	mg/Kg	☼	07/22/16 07:39	07/22/16 21:23	2
PCB-1254	5.9		0.52	0.24	mg/Kg	₩	07/22/16 07:39	07/22/16 21:23	2
PCB-1260	3.3		0.52	0.24	mg/Kg	φ.	07/22/16 07:39	07/22/16 21:23	2
Polychlorinated biphenyls, Total	13		0.52	0.24	mg/Kg	≎	07/22/16 07:39	07/22/16 21:23	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	94		60 - 154				07/22/16 07:39	07/22/16 21:23	2
Tetrachloro-m-xylene	86		60 - 154				07/22/16 07:39	07/22/16 21:23	2
DCB Decachlorobiphenyl	103		65 - 174				07/22/16 07:39	07/22/16 21:23	2
DCB Decachlorobiphenyl	107		65 - 174				07/22/16 07:39	07/22/16 21:23	2

Client Sample ID: 819018WC003000XX Lab Sample ID: 480-103449-49

Date Collected: 07/19/16 16:25 **Matrix: Solid**

Date Re	ceived:	07/21/	16	09:30	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		07/26/16 10:16	07/27/16 12:42	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		07/26/16 10:16	07/27/16 12:42	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		07/26/16 10:16	07/27/16 12:42	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		07/26/16 10:16	07/27/16 12:42	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		07/26/16 10:16	07/27/16 12:42	1
3-Methylphenol	ND		0.010	0.00040	mg/L		07/26/16 10:16	07/27/16 12:42	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		07/26/16 10:16	07/27/16 12:42	1
4-Methylphenol	ND		0.010	0.00036	mg/L		07/26/16 10:16	07/27/16 12:42	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		07/26/16 10:16	07/27/16 12:42	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		07/26/16 10:16	07/27/16 12:42	1
Pyridine	ND		0.025	0.00041	mg/L		07/26/16 10:16	07/27/16 12:42	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		07/26/16 10:16	07/27/16 12:42	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		07/26/16 10:16	07/27/16 12:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	82		52 - 132				07/26/16 10:16	07/27/16 12:42	1
2-Fluorobiphenyl	82		48 - 120				07/26/16 10:16	07/27/16 12:42	1
2-Fluorophenol	45		20 - 120				07/26/16 10:16	07/27/16 12:42	1
Nitrobenzene-d5	92		46 - 120				07/26/16 10:16	07/27/16 12:42	1
p-Terphenyl-d14	96		67 - 150				07/26/16 10:16	07/27/16 12:42	1
Phenol-d5	35		16 - 120				07/26/16 10:16	07/27/16 12:42	1

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND ND	0.00020	0.0000060	mg/L		07/26/16 10:26	07/27/16 13:27	1
Chlordane (technical)	ND	0.0020	0.000029	mg/L		07/26/16 10:26	07/27/16 13:27	1
Endrin	ND	0.00020	0.000014	mg/L		07/26/16 10:26	07/27/16 13:27	1
Heptachlor	ND	0.00020	0.0000085	mg/L		07/26/16 10:26	07/27/16 13:27	1
Heptachlor epoxide	ND	0.00020	0.0000053	mg/L		07/26/16 10:26	07/27/16 13:27	1

Date Collected: 07/19/16 16:25

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018WC003000XX

Lab Sample ID: 480-103449-49

07/26/16 10:05 07/27/16 22:49

TestAmerica Job ID: 480-103449-1

Matrix: Solid

Date Received: 07/21/16 09:30
Method: 8081B - Organochlorine Pesticides (GC) - TCLP (Continued)

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Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	ND		0.00020	0.000014	mg/L		07/26/16 10:26	07/27/16 13:27	1
Toxaphene	ND		0.0020	0.00012	mg/L		07/26/16 10:26	07/27/16 13:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	84		20 - 120				07/26/16 10:26	07/27/16 13:27	1
DCB Decachlorobiphenyl	120		20 - 120				07/26/16 10:26	07/27/16 13:27	1
Tetrachloro-m-xylene	78		36 - 120				07/26/16 10:26	07/27/16 13:27	1
Tetrachloro-m-xylene	72		36 - 120				07/26/16 10:26	07/27/16 13:27	1

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		07/26/16 10:05	07/27/16 22:49	1
2,4-D	ND		0.0020	0.00040	mg/L		07/26/16 10:05	07/27/16 22:49	1
Surrogate 2,4-Dichlorophenylacetic acid	%Recovery	Qualifier	25 - 143				Prepared	Analyzed 07/27/16 22:49	Dil Fac

35 - 143

Method: 6010C - Metals (ICP) - TCLP

2,4-Dichlorophenylacetic acid

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND ND	0.015	0.0056	mg/L		07/26/16 12:05	07/27/16 20:43	1
Barium	6.0	1.0	0.10	mg/L		07/26/16 12:05	07/27/16 20:43	1
Cadmium	0.41	0.0020	0.00050	mg/L		07/26/16 12:05	07/27/16 20:43	1
Chromium	ND	0.020	0.010	mg/L		07/26/16 12:05	07/27/16 20:43	1
Lead	8.5	0.020	0.0030	mg/L		07/26/16 12:05	07/27/16 20:43	1
Selenium	ND	0.025	0.0087	mg/L		07/26/16 12:05	07/27/16 20:43	1
Silver	ND	0.0060	0.0017	mg/L		07/26/16 12:05	07/27/16 20:43	1

Method: 7470A - Mercury (CVAA) - TCLP

monount in ord monount (our bit)	. • = .						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	0.00020	0.00012 mg/L		07/26/16 12:10	07/26/16 15:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	10	mg/Kg		07/26/16 02:40	07/26/16 12:15	1
Sulfide, Reactive	ND		10	10	mg/Kg		07/26/16 02:40	07/26/16 14:15	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte Burn Rate	Result ND	Qualifier	2.20 —		Unit mm/sec	_ D	Prepared	Analyzed 08/01/16 10:15	Dil Fac

Client Sample ID: 819018WC003000XX

Lab Sample ID: 480-103449-49 Date Collected: 07/19/16 16:25 Matrix: Solid Date Received: 07/21/16 09:30 Percent Solids: 87.1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography								
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND ND	2.2	0.44	mg/Kg	<u> </u>	07/22/16 07:39	07/22/16 21:39	10
PCB-1221	ND	2.2	0.44	mg/Kg	☼	07/22/16 07:39	07/22/16 21:39	10
PCB-1232	ND	2.2	0.44	mg/Kg	☼	07/22/16 07:39	07/22/16 21:39	10
PCB-1242	ND	2.2	0.44	mg/Kg	₩.	07/22/16 07:39	07/22/16 21:39	10
PCB-1248	17	2.2	0.44	mg/Kg	₽	07/22/16 07:39	07/22/16 21:39	10

Project/Site: Batavia Iron & Metal #819018

Lab Sample ID: 480-103449-49 Client Sample ID: 819018WC003000XX

Date Collected: 07/19/16 16:25 **Matrix: Solid** Date Received: 07/21/16 09:30 Percent Solids: 87.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1254	22		2.2	1.0	mg/Kg	<u> </u>	07/22/16 07:39	07/22/16 21:39	10
PCB-1260	15		2.2	1.0	mg/Kg	φ.	07/22/16 07:39	07/22/16 21:39	10
Polychlorinated biphenyls, Total	54		2.2	1.0	mg/Kg	≎	07/22/16 07:39	07/22/16 21:39	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	91		60 - 154				07/22/16 07:39	07/22/16 21:39	10
Tetrachloro-m-xylene	85		60 - 154				07/22/16 07:39	07/22/16 21:39	10
DCB Decachlorobiphenyl	111		65 - 174				07/22/16 07:39	07/22/16 21:39	10
DCB Decachlorobiphenyl	121		65 - 174				07/22/16 07:20	07/22/16 21:39	10

Client Sample ID: 819018WC004000XX Lab Sample ID: 480-103449-50

Date Collected: 07/19/16 17:00 **Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		07/26/16 10:16	07/27/16 13:08	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		07/26/16 10:16	07/27/16 13:08	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		07/26/16 10:16	07/27/16 13:08	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		07/26/16 10:16	07/27/16 13:08	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		07/26/16 10:16	07/27/16 13:08	1
3-Methylphenol	ND		0.010	0.00040	mg/L		07/26/16 10:16	07/27/16 13:08	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		07/26/16 10:16	07/27/16 13:08	1
4-Methylphenol	ND		0.010	0.00036	mg/L		07/26/16 10:16	07/27/16 13:08	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		07/26/16 10:16	07/27/16 13:08	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		07/26/16 10:16	07/27/16 13:08	1
Pyridine	ND		0.025	0.00041	mg/L		07/26/16 10:16	07/27/16 13:08	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		07/26/16 10:16	07/27/16 13:08	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		07/26/16 10:16	07/27/16 13:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	75		52 - 132				07/26/16 10:16	07/27/16 13:08	1
2-Fluorobiphenyl	82		48 - 120				07/26/16 10:16	07/27/16 13:08	1
2-Fluorophenol	45		20 - 120				07/26/16 10:16	07/27/16 13:08	1
Nitrobenzene-d5	90		46 - 120				07/26/16 10:16	07/27/16 13:08	1
p-Terphenyl-d14	87		67 - 150				07/26/16 10:16	07/27/16 13:08	1
Phenol-d5	32		16 - 120				07/26/16 10:16	07/27/16 13:08	1

Phenol-d5	32		16 - 120				07/26/16 10:16	07/27/16 13:08	1
- Method: 8081B - Organod	hlorine Pesticid	es (GC) -	TCLP						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		07/26/16 10:26	07/27/16 13:47	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		07/26/16 10:26	07/27/16 13:47	1
Endrin	ND		0.00020	0.000014	mg/L		07/26/16 10:26	07/27/16 13:47	1
Heptachlor	ND		0.00020	0.0000085	mg/L		07/26/16 10:26	07/27/16 13:47	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		07/26/16 10:26	07/27/16 13:47	1
Methoxychlor	ND		0.00020	0.000014	mg/L		07/26/16 10:26	07/27/16 13:47	1
Toxaphene	ND		0.0020	0.00012	mg/L		07/26/16 10:26	07/27/16 13:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	74		20 - 120				07/26/16 10:26	07/27/16 13:47	1
DCB Decachlorobiphenyl	71		20 - 120				07/26/16 10:26	07/27/16 13:47	1

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Client: New York State D.E.C.

Date Received: 07/21/16 09:30

Project/Site: Batavia Iron & Metal #819018

Lab Sample ID: 480-103449-50

TestAmerica Job ID: 480-103449-1

Client Sample ID: 819018WC004000XX Lab Sample ID: Date Collected: 07/19/16 17:00

Matrix: Solid

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	76		36 - 120	07/26/16 10:26	07/27/16 13:47	1
Tetrachloro-m-xylene	68		36 - 120	07/26/16 10:26	07/27/16 13:47	1

Method: 8151 - TCLP Herbic	ides - TCLP								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		07/26/16 10:05	07/27/16 23:49	1
2,4-D	ND		0.0020	0.00040	mg/L		07/26/16 10:05	07/27/16 23:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	47		35 - 143				07/26/16 10:05	07/27/16 23:49	1
2,4-Dichlorophenylacetic acid	27	X	35 - 143				07/26/16 10:05	07/27/16 23:49	1

Method: 6010C - Metals (ICP Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.013 J	0.015	0.0056	mg/L		07/26/16 12:05	07/27/16 19:38	1
Barium	2.9	1.0	0.10	mg/L		07/26/16 12:05	07/27/16 19:38	1
Cadmium	0.11	0.0020	0.00050	mg/L		07/26/16 12:05	07/27/16 19:38	1
Chromium	ND	0.020	0.010	mg/L		07/26/16 12:05	07/27/16 19:38	1
Lead	4.9	0.020	0.0030	mg/L		07/26/16 12:05	07/27/16 19:38	1
Selenium	ND	0.025	0.0087	mg/L		07/26/16 12:05	07/27/16 19:38	1
Silver	ND	0.0060	0.0017	mg/L		07/26/16 12:05	07/27/16 19:38	1

Method: 7470A - Mercury (CVA	A) - TCLP								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		07/26/16 11:20	07/26/16 14:55	1
General Chemistry									

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	10	mg/Kg		07/26/16 02:40	07/26/16 12:15	1
Sulfide, Reactive	ND		10	10	mg/Kg		07/26/16 02:40	07/26/16 14:15	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte Burn Rate	Result ND	Qualifier	2.20 —		Unit mm/sec	_ D	Prepared	Analyzed 08/01/16 10:15	Dil Fac

Client Sample ID: 819018WC004000XX Lab Sample ID: 480-103449-50

 Date Collected: 07/19/16 17:00
 Matrix: Solid

 Date Received: 07/21/16 09:30
 Percent Solids: 95.0

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	0.24	0.047	mg/Kg	₩	07/22/16 07:39	07/22/16 21:55	1
PCB-1221	ND	0.24	0.047	mg/Kg	☼	07/22/16 07:39	07/22/16 21:55	1
PCB-1232	ND	0.24	0.047	mg/Kg	₩	07/22/16 07:39	07/22/16 21:55	1
PCB-1242	ND	0.24	0.047	mg/Kg	₽	07/22/16 07:39	07/22/16 21:55	1
PCB-1248	0.45	0.24	0.047	mg/Kg	₩	07/22/16 07:39	07/22/16 21:55	1
PCB-1254	1.2	0.24	0.11	mg/Kg	₩	07/22/16 07:39	07/22/16 21:55	1
PCB-1260	1.1	0.24	0.11	mg/Kg	₽	07/22/16 07:39	07/22/16 21:55	1
Polychlorinated biphenyls, Total	2.8	0.24	0.11	mg/Kg	≎	07/22/16 07:39	07/22/16 21:55	1

Project/Site: Batavia Iron & Metal #819018

TestAmerica Job ID: 480-103449-1

Client Sample ID: 819018WC004000XX

Lab Sample ID: 480-103449-50

Matrix: Solid

Percent Solids: 95.0

Date Collected: 07/19/16 17:00 Date Received: 07/21/16 09:30

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	117	60 - 154	07/22/16 07:39 07/	22/16 21:55	1
Tetrachloro-m-xylene	104	60 - 154	07/22/16 07:39 07/	22/16 21:55	1
DCB Decachlorobiphenyl	123	65 - 174	07/22/16 07:39 07/	22/16 21:55	1
DCB Decachlorobiphenyl	120	65 - 174	07/22/16 07:39 07/	22/16 21:55	1

Lab Sample ID: 480-103449-51 Client Sample ID: 819018WC005000XX

Date Collected: 07/19/16 15:35 **Matrix: Solid**

Date Received: 07/21/16 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		07/26/16 10:16	07/27/16 13:34	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		07/26/16 10:16	07/27/16 13:34	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		07/26/16 10:16	07/27/16 13:34	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		07/26/16 10:16	07/27/16 13:34	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		07/26/16 10:16	07/27/16 13:34	1
3-Methylphenol	ND		0.010	0.00040	mg/L		07/26/16 10:16	07/27/16 13:34	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		07/26/16 10:16	07/27/16 13:34	1
4-Methylphenol	ND		0.010	0.00036	mg/L		07/26/16 10:16	07/27/16 13:34	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		07/26/16 10:16	07/27/16 13:34	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		07/26/16 10:16	07/27/16 13:34	1
Pyridine	ND		0.025	0.00041	mg/L		07/26/16 10:16	07/27/16 13:34	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		07/26/16 10:16	07/27/16 13:34	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		07/26/16 10:16	07/27/16 13:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	80		52 - 132				07/26/16 10:16	07/27/16 13:34	1

Surrogate	%Recovery G	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	80		52 - 132	07/26/16 10:16	07/27/16 13:34	1
2-Fluorobiphenyl	90		48 - 120	07/26/16 10:16	07/27/16 13:34	1
2-Fluorophenol	49		20 - 120	07/26/16 10:16	07/27/16 13:34	1
Nitrobenzene-d5	96		46 - 120	07/26/16 10:16	07/27/16 13:34	1
p-Terphenyl-d14	97		67 - 150	07/26/16 10:16	07/27/16 13:34	1
Phenol-d5	35		16 - 120	07/26/16 10:16	07/27/16 13:34	1

Method: 8081B - Organochiorine	Pesticides (GC) - TCLP

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND	0.00020	0.0000060	mg/L		07/26/16 10:26	07/27/16 14:06	1
Chlordane (technical)	ND	0.0020	0.000029	mg/L		07/26/16 10:26	07/27/16 14:06	1
Endrin	ND	0.00020	0.000014	mg/L		07/26/16 10:26	07/27/16 14:06	1
Heptachlor	ND	0.00020	0.0000085	mg/L		07/26/16 10:26	07/27/16 14:06	1
Heptachlor epoxide	ND	0.00020	0.0000053	mg/L		07/26/16 10:26	07/27/16 14:06	1
Methoxychlor	ND	0.00020	0.000014	mg/L		07/26/16 10:26	07/27/16 14:06	1
Toxaphene	ND	0.0020	0.00012	mg/L		07/26/16 10:26	07/27/16 14:06	1

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	74	20 - 120	07/26/16 10:26	07/27/16 14:06	1
DCB Decachlorobiphenyl	73	20 - 120	07/26/16 10:26	07/27/16 14:06	1
Tetrachloro-m-xylene	78	36 - 120	07/26/16 10:26	07/27/16 14:06	1
Tetrachloro-m-xylene	71	36 - 120	07/26/16 10:26	07/27/16 14:06	1

2

Client: New York State D.E.C.

Project/Site: Batavia Iron & Metal #819018

TestAmerica Job ID: 480-103449-1

Client Sample ID: 819018WC005000XX

Date Collected: 07/19/16 15:35 Date Received: 07/21/16 09:30 Lab Sample ID: 480-103449-51

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		07/26/16 10:05	07/28/16 00:19	1
2,4-D	ND		0.0020	0.00040	mg/L		07/26/16 10:05	07/28/16 00:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	41		35 - 143				07/26/16 10:05	07/28/16 00:19	1
2,4-Dichlorophenylacetic acid	25	X	35 - 143				07/26/16 10:05	07/28/16 00:19	1
Method: 6010C - Metals (IC	P) - TCLP								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
A ' -			0.045	0.0050			07/00/40 40 05	07/07/40 00:47	

Method. 00 100 - Metals	(IOF) - TOLI							
Analyte	Result Qu	ıalifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND	0.015	0.0056	mg/L		07/26/16 12:05	07/27/16 20:47	1
Barium	2.7	1.0	0.10	mg/L		07/26/16 12:05	07/27/16 20:47	1
Cadmium	0.11	0.0020	0.00050	mg/L		07/26/16 12:05	07/27/16 20:47	1
Chromium	ND	0.020	0.010	mg/L		07/26/16 12:05	07/27/16 20:47	1
Lead	0.88	0.020	0.0030	mg/L		07/26/16 12:05	07/27/16 20:47	1
Selenium	ND	0.025	0.0087	mg/L		07/26/16 12:05	07/27/16 20:47	1
Silver	ND	0.0060	0.0017	mg/L		07/26/16 12:05	07/27/16 20:47	1

Method: 7470A - Mercury (CVA	A) - TCLP								
Analyte	Result	Qualifier	RL	MDL	Unit)	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		07/26/16 12:10	07/26/16 15:19	1

General Chemistry Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	10	mg/Kg		07/26/16 02:40	07/26/16 12:15	1
Sulfide, Reactive	ND		10	10	mg/Kg		07/26/16 02:40	07/26/16 14:15	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate	ND		2.20	2.20	mm/sec			08/01/16 10:15	1
pH	8.2	HF	0.1	0.1	SU			07/24/16 08:30	1

Date Received: 07/21/16 09:30 Percent Solids: 86.3

Method: 8082A - Polychlorina Analyte		Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2.5		mg/Kg	\		07/22/16 22:11	10
PCB-1221	ND		2.5	0.48	mg/Kg	₩	07/22/16 07:39	07/22/16 22:11	10
PCB-1232	ND		2.5	0.48	mg/Kg	☼	07/22/16 07:39	07/22/16 22:11	10
PCB-1242	ND		2.5	0.48	mg/Kg		07/22/16 07:39	07/22/16 22:11	10
PCB-1248	ND		2.5	0.48	mg/Kg	☼	07/22/16 07:39	07/22/16 22:11	10
PCB-1254	ND		2.5	1.2	mg/Kg	☼	07/22/16 07:39	07/22/16 22:11	10
PCB-1260	35		2.5	1.2	mg/Kg	☼	07/22/16 07:39	07/22/16 22:11	10
Polychlorinated biphenyls, Total	35		2.5	1.2	mg/Kg	≎	07/22/16 07:39	07/22/16 22:11	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	106		60 - 154				07/22/16 07:39	07/22/16 22:11	10
Tetrachloro-m-xylene	83		60 - 154				07/22/16 07:39	07/22/16 22:11	10
DCB Decachlorobiphenyl	111		65 - 174				07/22/16 07:39	07/22/16 22:11	10
DCB Decachlorobiphenyl	143		65 - 174				07/22/16 07:39	07/22/16 22:11	10

TestAmerica Job ID: 480-103449-1

Client: New York State D.E.C. Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018WC006000XX

Date Collected: 07/19/16 12:55 Date Received: 07/21/16 09:30

Tetrachloro-m-xylene

Tetrachloro-m-xylene

Lab Sample ID: 480-103449-52

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		07/26/16 10:16	07/27/16 14:01	-
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		07/26/16 10:16	07/27/16 14:01	
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		07/26/16 10:16	07/27/16 14:01	
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		07/26/16 10:16	07/27/16 14:01	
Hexachloroethane	ND		0.0050	0.00059	mg/L		07/26/16 10:16	07/27/16 14:01	
3-Methylphenol	ND		0.010	0.00040	mg/L		07/26/16 10:16	07/27/16 14:01	
2-Methylphenol	ND		0.0050	0.00040	mg/L		07/26/16 10:16	07/27/16 14:01	
4-Methylphenol	ND		0.010	0.00036	mg/L		07/26/16 10:16	07/27/16 14:01	
Nitrobenzene	ND		0.0050	0.00029	mg/L		07/26/16 10:16	07/27/16 14:01	
Pentachlorophenol	ND		0.010	0.0022	mg/L		07/26/16 10:16	07/27/16 14:01	
Pyridine	ND		0.025	0.00041	mg/L		07/26/16 10:16	07/27/16 14:01	
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		07/26/16 10:16	07/27/16 14:01	
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		07/26/16 10:16	07/27/16 14:01	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
2,4,6-Tribromophenol	82		52 - 132				07/26/16 10:16	07/27/16 14:01	
2-Fluorobiphenyl	89		48 - 120				07/26/16 10:16	07/27/16 14:01	
2-Fluorophenol	48		20 - 120				07/26/16 10:16	07/27/16 14:01	
Nitrobenzene-d5	95		46 - 120				07/26/16 10:16	07/27/16 14:01	
p-Terphenyl-d14	89		67 - 150				07/26/16 10:16	07/27/16 14:01	
Phenol-d5	36		16 - 120				07/26/16 10:16	07/27/16 14:01	
Method: 8081B - Organoo	chlorine Pesticio	les (GC) - ⁻	TCLP						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		07/26/16 10:26	07/27/16 14:26	
Chlordane (technical)	ND		0.0020	0.000029	mg/L		07/26/16 10:26	07/27/16 14:26	
Endrin	ND		0.00020	0.000014	-		07/26/16 10:26	07/27/16 14:26	
Heptachlor	ND		0.00020	0.0000085	mg/L		07/26/16 10:26	07/27/16 14:26	
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		07/26/16 10:26	07/27/16 14:26	
Methoxychlor	ND		0.00020	0.000014	-		07/26/16 10:26	07/27/16 14:26	
Toxaphene	ND		0.0020	0.00012	mg/L		07/26/16 10:26	07/27/16 14:26	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
DCB Decachlorobiphenyl	73		20 - 120				07/26/16 10:26	07/27/16 14:26	
	74		00 400				07/00/40 40 00	07/07/10 11 00	
DCB Decachlorobiphenyl	71		20 - 120				07/26/16 10:26	07/27/16 14:26	

Method: 8151 - TCLP Herbio	cides - TCLP								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		07/26/16 10:05	07/28/16 00:49	1
2,4-D	ND		0.0020	0.00040	mg/L		07/26/16 10:05	07/28/16 00:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	43		35 - 143				07/26/16 10:05	07/28/16 00:49	1
2,4-Dichlorophenylacetic acid	17	X	35 - 143				07/26/16 10:05	07/28/16 00:49	1

36 - 120

36 - 120

76

70

Method: 6010C - Metals (ICP) -	TCLP								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		07/26/16 12:05	07/27/16 21:06	1
Barium	1.3		1.0	0.10	mg/L		07/26/16 12:05	07/27/16 21:06	1

TestAmerica Buffalo

07/26/16 10:26 07/27/16 14:26

07/26/16 10:26 07/27/16 14:26

TestAmerica Job ID: 480-103449-1

Client: New York State D.E.C.

Project/Site: Batavia Iron & Metal #819018

Lab Sample ID: 480-103449-52

07/26/16 02:40 07/26/16 12:15

07/26/16 02:40 07/26/16 14:15

Analyzed

08/01/16 10:15

07/24/16 08:30

Prepared

Matrix: Solid

Date Collected: 07/19/16 12:55

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

Client Sample ID: 819018WC006000XX

Date Received: 07/21/16 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.16		0.0020	0.00050	mg/L		07/26/16 12:05	07/27/16 21:06	1
Chromium	ND		0.020	0.010	mg/L		07/26/16 12:05	07/27/16 21:06	1
Lead	0.32		0.020	0.0030	mg/L		07/26/16 12:05	07/27/16 21:06	1
Selenium	ND		0.025	0.0087	mg/L		07/26/16 12:05	07/27/16 21:06	1
Silver	ND		0.0060	0.0017	mg/L		07/26/16 12:05	07/27/16 21:06	1
Method: 7470A - Mercury	(CVAA) - TCLP								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		07/26/16 12:10	07/26/16 15:27	1
General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

10

10

RL

2.20

0.1

10 mg/Kg

RL Unit

0.1 SU

2.20 mm/sec

mg/Kg

Client Sample ID: 819018WC006000XX

ND

ND

ND

Result Qualifier

6.8 HF

Cyanide, Reactive

Sulfide, Reactive

Analyte

pН

Burn Rate

Lab Sample ID: 480-103449-52 Date Collected: 07/19/16 12:55 **Matrix: Solid** Date Received: 07/21/16 09:30 Percent Solids: 79.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.61	0.12	mg/Kg	<u> </u>	07/22/16 07:39	07/22/16 22:27	2
PCB-1221	ND		0.61	0.12	mg/Kg	₩	07/22/16 07:39	07/22/16 22:27	2
PCB-1232	ND		0.61	0.12	mg/Kg	☼	07/22/16 07:39	07/22/16 22:27	2
PCB-1242	ND		0.61	0.12	mg/Kg		07/22/16 07:39	07/22/16 22:27	2
PCB-1248	ND		0.61	0.12	mg/Kg	₩	07/22/16 07:39	07/22/16 22:27	2
PCB-1254	5.1		0.61	0.29	mg/Kg	☼	07/22/16 07:39	07/22/16 22:27	2
PCB-1260	4.9		0.61	0.29	mg/Kg	φ.	07/22/16 07:39	07/22/16 22:27	2
Polychlorinated biphenyls, Total	10		0.61	0.29	mg/Kg	≎	07/22/16 07:39	07/22/16 22:27	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	93		60 - 154				07/22/16 07:39	07/22/16 22:27	2
Tetrachloro-m-xylene	86		60 - 154				07/22/16 07:39	07/22/16 22:27	2
DCB Decachlorobiphenyl	95		65 - 174				07/22/16 07:39	07/22/16 22:27	2
DCB Decachlorobiphenyl	105		65 - 174				07/22/16 07:39	07/22/16 22:27	2

Client Sample ID: 819018WC07A000XX

Date Collected: 07/19/16 13:45

Date Received: 07/21/16 09:30

Method: 8270D - Semivola	itile Organic Co	mpounds (GC/MS) - T	CLP					
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		07/26/16 10:16	07/27/16 14:27	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		07/26/16 10:16	07/27/16 14:27	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		07/26/16 10:16	07/27/16 14:27	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		07/26/16 10:16	07/27/16 14:27	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		07/26/16 10:16	07/27/16 14:27	1

TestAmerica Buffalo

Lab Sample ID: 480-103449-53

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8/15/2016

Matrix: Solid

Dil Fac

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018WC07A000XX

Date Collected: 07/19/16 13:45 Date Received: 07/21/16 09:30

Tetrachloro-m-xylene

Lab Sample ID: 480-103449-53

07/26/16 10:26 07/27/16 14:46

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylphenol	ND		0.010	0.00040	mg/L		07/26/16 10:16	07/27/16 14:27	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		07/26/16 10:16	07/27/16 14:27	1
4-Methylphenol	ND		0.010	0.00036	mg/L		07/26/16 10:16	07/27/16 14:27	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		07/26/16 10:16	07/27/16 14:27	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		07/26/16 10:16	07/27/16 14:27	1
Pyridine	ND		0.025	0.00041	mg/L		07/26/16 10:16	07/27/16 14:27	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		07/26/16 10:16	07/27/16 14:27	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		07/26/16 10:16	07/27/16 14:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	78		52 - 132				07/26/16 10:16	07/27/16 14:27	1
2-Fluorobiphenyl	88		48 - 120				07/26/16 10:16	07/27/16 14:27	1
2-Fluorophenol	47		20 - 120				07/26/16 10:16	07/27/16 14:27	1
Nitrobenzene-d5	98		46 - 120				07/26/16 10:16	07/27/16 14:27	1
p-Terphenyl-d14	99		67 - 150				07/26/16 10:16	07/27/16 14:27	1
Phenol-d5	37		16 - 120				07/26/16 10:16	07/27/16 14:27	1

Method: 8081B - Organoc	chlorine Pesticide	es (GC) - 1	ГCLР						
Analyte	Result (Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		07/26/16 10:26	07/27/16 14:46	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		07/26/16 10:26	07/27/16 14:46	1
Endrin	ND		0.00020	0.000014	mg/L		07/26/16 10:26	07/27/16 14:46	1
Heptachlor	ND		0.00020	0.0000085	mg/L		07/26/16 10:26	07/27/16 14:46	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		07/26/16 10:26	07/27/16 14:46	1
Methoxychlor	ND		0.00020	0.000014	mg/L		07/26/16 10:26	07/27/16 14:46	1
Toxaphene	ND		0.0020	0.00012	mg/L		07/26/16 10:26	07/27/16 14:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	82		20 - 120				07/26/16 10:26	07/27/16 14:46	1
DCB Decachlorobiphenyl	94		20 - 120				07/26/16 10:26	07/27/16 14:46	1
Tetrachloro-m-xylene	75		36 - 120				07/26/16 10:26	07/27/16 14:46	1

Method: 8151 - TCLP Herbic	ides - TCLP								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		07/26/16 10:05	07/28/16 01:19	1
2,4-D	ND		0.0020	0.00040	mg/L		07/26/16 10:05	07/28/16 01:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	31	X	35 - 143				07/26/16 10:05	07/28/16 01:19	1
2,4-Dichlorophenylacetic acid	19	X	35 - 143				07/26/16 10:05	07/28/16 01:19	1

36 - 120

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0056	J	0.015	0.0056	mg/L		07/26/16 12:05	07/27/16 21:10	1
Barium	1.5		1.0	0.10	mg/L		07/26/16 12:05	07/27/16 21:10	1
Cadmium	0.18		0.0020	0.00050	mg/L		07/26/16 12:05	07/27/16 21:10	1
Chromium	ND		0.020	0.010	mg/L		07/26/16 12:05	07/27/16 21:10	1
Lead	3.9		0.020	0.0030	mg/L		07/26/16 12:05	07/27/16 21:10	1
Selenium	ND		0.025	0.0087	mg/L		07/26/16 12:05	07/27/16 21:10	1
Silver	ND		0.0060	0.0017	mg/L		07/26/16 12:05	07/27/16 21:10	1

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Client: New York State D.E.C.

Project/Site: Batavia Iron & Metal #819018

 Method: 7470A - Mercury (CVAA) - TCLP

 Analyte
 Result
 Qualifier
 RL
 MDL
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 Mercury
 ND
 0.00020
 0.00012
 mg/L
 07/26/16 12:10
 07/26/16 15:29
 1

General Chemistry Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	10	mg/Kg		07/26/16 02:40	07/26/16 12:15	1
Sulfide, Reactive	ND		10	10	mg/Kg		07/26/16 02:40	07/26/16 14:15	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate	ND		2.20	2.20	mm/sec			08/01/16 10:15	1
рН	8.3	HF	0.1	0.1	SU			07/24/16 08:30	1

Date Collected: 07/19/16 13:45

Date Received: 07/21/16 09:30

Matrix: Solid
Percent Solids: 91.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.3	0.26	mg/Kg	<u> </u>	07/22/16 07:39	07/22/16 22:43	5
PCB-1221	ND		1.3	0.26	mg/Kg	☼	07/22/16 07:39	07/22/16 22:43	5
PCB-1232	ND		1.3	0.26	mg/Kg	₩	07/22/16 07:39	07/22/16 22:43	5
PCB-1242	ND		1.3	0.26	mg/Kg	₽	07/22/16 07:39	07/22/16 22:43	5
PCB-1248	9.4		1.3	0.26	mg/Kg	☼	07/22/16 07:39	07/22/16 22:43	5
PCB-1254	15		1.3	0.61	mg/Kg	₩	07/22/16 07:39	07/22/16 22:43	5
PCB-1260	9.6		1.3	0.61	mg/Kg	₽	07/22/16 07:39	07/22/16 22:43	5
Polychlorinated biphenyls, Total	34		1.3	0.61	mg/Kg	≎	07/22/16 07:39	07/22/16 22:43	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	128		60 - 154				07/22/16 07:39	07/22/16 22:43	5

 Tetrachloro-m-xylene
 128
 60 - 154
 07/22/16 07:39
 07/22/16 22:43
 5

 Tetrachloro-m-xylene
 92
 60 - 154
 07/22/16 07:39
 07/22/16 22:43
 5

 DCB Decachlorobiphenyl
 164
 65 - 174
 07/22/16 07:39
 07/22/16 22:43
 5

 DCB Decachlorobiphenyl
 164
 65 - 174
 07/22/16 07:39
 07/22/16 22:43
 5

Date Collected: 07/19/16 13:50

Date Received: 07/21/16 09:30

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		07/26/16 10:16	07/27/16 14:53	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		07/26/16 10:16	07/27/16 14:53	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		07/26/16 10:16	07/27/16 14:53	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		07/26/16 10:16	07/27/16 14:53	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		07/26/16 10:16	07/27/16 14:53	1
3-Methylphenol	ND		0.010	0.00040	mg/L		07/26/16 10:16	07/27/16 14:53	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		07/26/16 10:16	07/27/16 14:53	1
4-Methylphenol	ND		0.010	0.00036	mg/L		07/26/16 10:16	07/27/16 14:53	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		07/26/16 10:16	07/27/16 14:53	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		07/26/16 10:16	07/27/16 14:53	1
Pyridine	ND		0.025	0.00041	mg/L		07/26/16 10:16	07/27/16 14:53	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		07/26/16 10:16	07/27/16 14:53	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		07/26/16 10:16	07/27/16 14:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	83		52 - 132				07/26/16 10:16	07/27/16 14:53	1
2-Fluorobiphenyl	88		48 - 120				07/26/16 10:16	07/27/16 14:53	1

DCB Decachlorobiphenyl

Project/Site: Batavia Iron & Metal #819018

TestAmerica Job ID: 480-103449-1

Client Sample ID: 819018WC07B000XX

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

84

Date Collected: 07/19/16 13:50 Date Received: 07/21/16 09:30

Lab Sample ID: 480-103449-54

07/26/16 10:26 07/27/16 15:05

Matrix:	Solid

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	50	20 - 120	07/26/16 10:16	07/27/16 14:53	1
Nitrobenzene-d5	95	46 - 120	07/26/16 10:16	07/27/16 14:53	1
p-Terphenyl-d14	96	67 - 150	07/26/16 10:16	07/27/16 14:53	1
Phenol-d5	37	16 - 120	07/26/16 10:16	07/27/16 14:53	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	0.000046	J	0.00020	0.0000060	mg/L		07/26/16 10:26	07/27/16 15:05	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		07/26/16 10:26	07/27/16 15:05	1
Endrin	ND		0.00020	0.000014	mg/L		07/26/16 10:26	07/27/16 15:05	1
Heptachlor	ND		0.00020	0.0000085	mg/L		07/26/16 10:26	07/27/16 15:05	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		07/26/16 10:26	07/27/16 15:05	1
Methoxychlor	ND		0.00020	0.000014	mg/L		07/26/16 10:26	07/27/16 15:05	1
Toxaphene	ND		0.0020	0.00012	mg/L		07/26/16 10:26	07/27/16 15:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	82		20 - 120				07/26/16 10:26	07/27/16 15:05	1

Tetrachloro-m-xylene	83	36 - 120			07/26/16 10:26	07/27/16 15:05	1
Tetrachloro-m-xylene	75	36 - 120			07/26/16 10:26	07/27/16 15:05	1
_							
Method: 8151 - TCLP H	lerhicides - TCLP						
Method: 8151 - TCLP H Analyte	lerbicides - TCLP Result Qua	alifier RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
		RL 0.0020	MDL Unit 0.00036 mg/L	<u>D</u>		Analyzed 07/28/16 01:49	Dil Fac

20 - 120

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	37	35 - 143	07/26/16 10:05	07/28/16 01:49	1
2,4-Dichlorophenylacetic acid	16 X	35 - 143	07/26/16 10:05	07/28/16 01:49	1

Analyte	Result	Qualifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND	0.015	0.0056	mg/L		07/26/16 12:05	07/27/16 21:13	1
Barium	1.4	1.0	0.10	mg/L		07/26/16 12:05	07/27/16 21:13	1
Cadmium	0.20	0.0020	0.00050	mg/L		07/26/16 12:05	07/27/16 21:13	1
Chromium	ND	0.020	0.010	mg/L		07/26/16 12:05	07/27/16 21:13	1
Lead	0.32	0.020	0.0030	mg/L		07/26/16 12:05	07/27/16 21:13	1
Selenium	ND	0.025	0.0087	mg/L		07/26/16 12:05	07/27/16 21:13	1
Silver	ND	0.0060	0.0017	mg/L		07/26/16 12:05	07/27/16 21:13	1

Method: 7470A - Mercury (CVA	AA) - TCLP								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		07/26/16 12:10	07/26/16 15:30	1

Weroury	IND		0.00020	0.00012	mg/L		07720710 12.10	07720710 10.00	
General Chemistry Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	10	mg/Kg		07/26/16 02:40	07/26/16 12:15	1
Sulfide, Reactive	ND		10	10	mg/Kg		07/26/16 02:40	07/26/16 14:15	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate	ND		2.20	2.20	mm/sec			08/01/16 10:15	1

TestAmerica Buffalo

1

Project/Site: Batavia Iron & Metal #819018

Lab Sample ID: 480-103449-54

Lab Sample ID: 480-103449-54

TestAmerica Job ID: 480-103449-1

Client Sample ID: 819018WC07B000XX Date Collected: 07/19/16 13:50 Matrix: Solid

Date Received: 07/21/16 09:30

General Chemistry (Continued) Dil Fac Analyte Result Qualifier RL **RL** Unit Analyzed D Prepared 0.1 0.1 SU 07/24/16 08:30 рН 8.3 HF

Client Sample ID: 819018WC07B000XX

Date Collected: 07/19/16 13:50 **Matrix: Solid** Date Received: 07/21/16 09:30 Percent Solids: 84.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.4	0.27	mg/Kg	₩	07/22/16 07:39	07/22/16 22:59	5
PCB-1221	ND		1.4	0.27	mg/Kg	☼	07/22/16 07:39	07/22/16 22:59	5
PCB-1232	ND		1.4	0.27	mg/Kg	☼	07/22/16 07:39	07/22/16 22:59	5
PCB-1242	ND		1.4	0.27	mg/Kg	₽	07/22/16 07:39	07/22/16 22:59	5
PCB-1248	11		1.4	0.27	mg/Kg	☼	07/22/16 07:39	07/22/16 22:59	5
PCB-1254	12		1.4	0.64	mg/Kg	☼	07/22/16 07:39	07/22/16 22:59	5
PCB-1260	7.3		1.4	0.64	mg/Kg	₽	07/22/16 07:39	07/22/16 22:59	5
Polychlorinated biphenyls, Total	30		1.4	0.64	mg/Kg	₩	07/22/16 07:39	07/22/16 22:59	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	86		60 - 154				07/22/16 07:39	07/22/16 22:59	5
Tetrachloro-m-xylene	84		60 - 154				07/22/16 07:39	07/22/16 22:59	5
DCB Decachlorobiphenyl	108		65 - 174				07/22/16 07:39	07/22/16 22:59	5
DCB Decachlorobiphenyl	121		65 - 174				07/22/16 07:39	07/22/16 22:59	5

Client Sample ID: 819018WC008000XX Lab Sample ID: 480-103449-55

Date Collected: 07/19/16 14:40 Matrix: Solid Date Received: 07/21/16 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		07/26/16 10:16	07/27/16 15:19	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		07/26/16 10:16	07/27/16 15:19	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		07/26/16 10:16	07/27/16 15:19	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		07/26/16 10:16	07/27/16 15:19	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		07/26/16 10:16	07/27/16 15:19	1
3-Methylphenol	ND		0.010	0.00040	mg/L		07/26/16 10:16	07/27/16 15:19	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		07/26/16 10:16	07/27/16 15:19	1
4-Methylphenol	ND		0.010	0.00036	mg/L		07/26/16 10:16	07/27/16 15:19	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		07/26/16 10:16	07/27/16 15:19	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		07/26/16 10:16	07/27/16 15:19	1
Pyridine	0.0012	J	0.025	0.00041	mg/L		07/26/16 10:16	07/27/16 15:19	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		07/26/16 10:16	07/27/16 15:19	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		07/26/16 10:16	07/27/16 15:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Quaimer Limits	Prepared	Analyzea	DII Fac
2,4,6-Tribromophenol	82	52 - 132	07/26/16 10:16	07/27/16 15:19	1
2-Fluorobiphenyl	83	48 - 120	07/26/16 10:16	07/27/16 15:19	1
2-Fluorophenol	45	20 - 120	07/26/16 10:16	07/27/16 15:19	1
Nitrobenzene-d5	87	46 - 120	07/26/16 10:16	07/27/16 15:19	1
p-Terphenyl-d14	95	67 - 150	07/26/16 10:16	07/27/16 15:19	1
Phenol-d5	35	16 - 120	07/26/16 10:16	07/27/16 15:19	1

TestAmerica Job ID: 480-103449-1

Client: New York State D.E.C.

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018WC008000XX

Date Collected: 07/19/16 14:40 Date Received: 07/21/16 09:30 Lab Sample ID: 480-103449-55

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		07/26/16 10:26	07/27/16 15:25	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		07/26/16 10:26	07/27/16 15:25	1
Endrin	ND		0.00020	0.000014	mg/L		07/26/16 10:26	07/27/16 15:25	1
Heptachlor	ND		0.00020	0.0000085	mg/L		07/26/16 10:26	07/27/16 15:25	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		07/26/16 10:26	07/27/16 15:25	1
Methoxychlor	ND		0.00020	0.000014	mg/L		07/26/16 10:26	07/27/16 15:25	1
Toxaphene	ND		0.0020	0.00012	mg/L		07/26/16 10:26	07/27/16 15:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	82		20 - 120				07/26/16 10:26	07/27/16 15:25	1
DCB Decachlorobiphenyl	98		20 - 120				07/26/16 10:26	07/27/16 15:25	1
Tetrachloro-m-xylene	78		36 - 120				07/26/16 10:26	07/27/16 15:25	1
Tetrachloro-m-xylene	73		36 - 120				07/26/16 10:26	07/27/16 15:25	1

Method: 8151 - TCLP Herbic	ides - TCLP								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		07/26/16 10:05	07/28/16 02:18	1
2,4-D	ND		0.0020	0.00040	mg/L		07/26/16 10:05	07/28/16 02:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	38		35 - 143				07/26/16 10:05	07/28/16 02:18	1
2,4-Dichlorophenylacetic acid	16	Χ	35 - 143				07/26/16 10:05	07/28/16 02:18	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		07/26/16 12:05	07/27/16 21:28	1
Barium	1.8		1.0	0.10	mg/L		07/26/16 12:05	07/27/16 21:28	1
Cadmium	0.16		0.0020	0.00050	mg/L		07/26/16 12:05	07/27/16 21:28	1
Chromium	ND		0.020	0.010	mg/L		07/26/16 12:05	07/27/16 21:28	1
Lead	8.5		0.020	0.0030	mg/L		07/26/16 12:05	07/27/16 21:28	1
Selenium	ND		0.025	0.0087	mg/L		07/26/16 12:05	07/27/16 21:28	1
Silver	ND		0.0060	0.0017	mg/L		07/26/16 12:05	07/27/16 21:28	1

Method: 7470A - Mercury (CVA	AA) - TCLP							
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	0.00020	0.00012	mg/L		07/26/16 12:10	07/26/16 15:32	1
- -								

General Chemistry Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND	<u> </u>	10	10	mg/Kg		07/26/16 02:40	07/26/16 12:15	1
Sulfide, Reactive	ND		10	10	mg/Kg		07/26/16 02:40	07/26/16 14:15	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate	ND		2.20	2.20	mm/sec			08/01/16 10:15	1
рН	7.7	HF	0.1	0.1	SU			07/24/16 08:30	1

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018WC008000XX

Date Collected: 07/19/16 14:40 Date Received: 07/21/16 09:30 Lab Sample ID: 480-103449-55

Matrix: Solid Percent Solids: 96.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.1	0.22	mg/Kg	₩	07/22/16 07:39	07/22/16 23:15	5
PCB-1221	ND		1.1	0.22	mg/Kg	≎	07/22/16 07:39	07/22/16 23:15	5
PCB-1232	ND		1.1	0.22	mg/Kg	₽	07/22/16 07:39	07/22/16 23:15	5
PCB-1242	ND		1.1	0.22	mg/Kg	φ.	07/22/16 07:39	07/22/16 23:15	5
PCB-1248	5.9		1.1	0.22	mg/Kg	₽	07/22/16 07:39	07/22/16 23:15	5
PCB-1254	10		1.1	0.53	mg/Kg	☼	07/22/16 07:39	07/22/16 23:15	5
PCB-1260	7.9		1.1	0.53	mg/Kg	φ.	07/22/16 07:39	07/22/16 23:15	5
Polychlorinated biphenyls, Total	24		1.1	0.53	mg/Kg	☼	07/22/16 07:39	07/22/16 23:15	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	97		60 - 154				07/22/16 07:39	07/22/16 23:15	5
Tetrachloro-m-xylene	80		60 - 154				07/22/16 07:39	07/22/16 23:15	5
DCB Decachlorobiphenyl	128		65 - 174				07/22/16 07:39	07/22/16 23:15	5
DCB Decachlorobiphenyl	157		65 - 174				07/22/16 07:39	07/22/16 23:15	5

Client Sample ID: 819018WC009000XX

Date Collected: 07/19/16 11:55

Date Received: 07/21/16 09:30

Lab Sample ID: 480-103449-56

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		07/26/16 10:16	07/27/16 15:45	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		07/26/16 10:16	07/27/16 15:45	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		07/26/16 10:16	07/27/16 15:45	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		07/26/16 10:16	07/27/16 15:45	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		07/26/16 10:16	07/27/16 15:45	1
3-Methylphenol	ND		0.010	0.00040	mg/L		07/26/16 10:16	07/27/16 15:45	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		07/26/16 10:16	07/27/16 15:45	1
4-Methylphenol	ND		0.010	0.00036	mg/L		07/26/16 10:16	07/27/16 15:45	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		07/26/16 10:16	07/27/16 15:45	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		07/26/16 10:16	07/27/16 15:45	1
Pyridine	ND		0.025	0.00041	mg/L		07/26/16 10:16	07/27/16 15:45	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		07/26/16 10:16	07/27/16 15:45	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		07/26/16 10:16	07/27/16 15:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	75		52 - 132				07/26/16 10:16	07/27/16 15:45	1
2-Fluorobiphenyl	79		48 - 120				07/26/16 10:16	07/27/16 15:45	1
2-Fluorophenol	43		20 - 120				07/26/16 10:16	07/27/16 15:45	1
Nitrobenzene-d5	84		46 - 120				07/26/16 10:16	07/27/16 15:45	1
p-Terphenyl-d14	92		67 - 150				07/26/16 10:16	07/27/16 15:45	1
Phenol-d5	33		16 - 120				07/26/16 10:16	07/27/16 15:45	1

Method: 8081B - Organochlorine Pesticides (GC) - TCLP											
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
gamma-BHC (Lindane)	0.000055	J	0.00020	0.0000060	mg/L		07/26/16 10:26	07/27/16 15:44	1		
Chlordane (technical)	ND		0.0020	0.000029	mg/L		07/26/16 10:26	07/27/16 15:44	1		
Endrin	ND		0.00020	0.000014	mg/L		07/26/16 10:26	07/27/16 15:44	1		
Heptachlor	ND		0.00020	0.0000085	mg/L		07/26/16 10:26	07/27/16 15:44	1		
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		07/26/16 10:26	07/27/16 15:44	1		

2

Client: New York State D.E.C.

Project/Site: Batavia Iron & Metal #819018

TestAmerica Job ID: 480-103449-1

Client Sample ID: 819018WC009000XX

Date Collected: 07/19/16 11:55 Date Received: 07/21/16 09:30 Lab Sample ID: 480-103449-56

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	ND		0.00020	0.000014	mg/L		07/26/16 10:26	07/27/16 15:44	1
Toxaphene	ND		0.0020	0.00012	mg/L		07/26/16 10:26	07/27/16 15:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	82	· -	20 - 120				07/26/16 10:26	07/27/16 15:44	1
DCB Decachlorobiphenyl	105		20 - 120				07/26/16 10:26	07/27/16 15:44	1
Tetrachloro-m-xylene	84		36 - 120				07/26/16 10:26	07/27/16 15:44	1
Tetrachloro-m-xylene	74		36 - 120				07/26/16 10:26	07/27/16 15:44	1

Method: 8151 - TCLP Herbici	des - TCLP								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		07/26/16 10:05	07/28/16 02:48	1
2,4-D	ND		0.0020	0.00040	mg/L		07/26/16 10:05	07/28/16 02:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	66		35 - 143				07/26/16 10:05	07/28/16 02:48	1
2,4-Dichlorophenylacetic acid	26	X	35 - 143				07/26/16 10:05	07/28/16 02:48	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0081	J	0.015	0.0056	mg/L		07/26/16 12:05	07/27/16 21:32	1
Barium	2.3		1.0	0.10	mg/L		07/26/16 12:05	07/27/16 21:32	1
Cadmium	0.19		0.0020	0.00050	mg/L		07/26/16 12:05	07/27/16 21:32	1
Chromium	ND		0.020	0.010	mg/L		07/26/16 12:05	07/27/16 21:32	1
Lead	2.2		0.020	0.0030	mg/L		07/26/16 12:05	07/27/16 21:32	1
Selenium	ND		0.025	0.0087	mg/L		07/26/16 12:05	07/27/16 21:32	1
Silver	ND		0.0060	0.0017	mg/L		07/26/16 12:05	07/27/16 21:32	1

Welliou. 1410A - Welcury (CVAA) - ICLP								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		07/26/16 12:10	07/26/16 15:38	1
General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	10	mg/Kg		07/26/16 02:40	07/26/16 12:15	1
Sulfide, Reactive	ND		10	10	mg/Kg		07/26/16 02:40	07/26/16 14:15	1
Analysta	Decult	Ouglifier	DI	DI	Linit	_ n	Droporod	Analyzed	Dil Eco

Allalyte	itesuit	Qualifier	114	IVIDE	Ollit		rrepared	Allalyzea	Diriac
Cyanide, Reactive	ND		10	10	mg/Kg		07/26/16 02:40	07/26/16 12:15	1
Sulfide, Reactive	ND		10	10	mg/Kg		07/26/16 02:40	07/26/16 14:15	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate	ND		2.20	2.20	mm/sec			08/01/16 10:15	1
рН	8.2	HF	0.1	0.1	SU			07/24/16 08:30	1

 Client Sample ID: 819018WC009000XX
 Lab Sample ID: 480-103449-56

 Date Collected: 07/19/16 11:55
 Matrix: Solid

 Date Received: 07/21/16 09:30
 Percent Solids: 86.2

Method: 8082A - Polychlorir	nated Biphenyls (PCBs) by	y Gas Chro	matogra	aphy				
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND —	1.3	0.26	mg/Kg	<u> </u>	07/22/16 07:39	07/22/16 23:31	5
PCB-1221	ND	1.3	0.26	mg/Kg	☼	07/22/16 07:39	07/22/16 23:31	5
PCB-1232	ND	1.3	0.26	mg/Kg	₩	07/22/16 07:39	07/22/16 23:31	5
PCB-1242	ND	1.3	0.26	mg/Kg	₩.	07/22/16 07:39	07/22/16 23:31	5
PCB-1248	7.6	1.3	0.26	mg/Kg	₩	07/22/16 07:39	07/22/16 23:31	5

TestAmerica Buffalo

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Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018WC009000XX

Date Collected: 07/19/16 11:55 Date Received: 07/21/16 09:30

Lab Sample ID: 480-103449-56

Matrix: Solid

Percent Solids: 86.2

Method: 8082A - Polychlorina Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
PCB-1254	9.6		1.3	0.63	mg/Kg	<u> </u>	07/22/16 07:39	07/22/16 23:31	5
PCB-1260	5.7		1.3	0.63	mg/Kg	₽	07/22/16 07:39	07/22/16 23:31	5
Polychlorinated biphenyls, Total	23		1.3	0.63	mg/Kg	₩	07/22/16 07:39	07/22/16 23:31	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	114		60 - 154				07/22/16 07:39	07/22/16 23:31	5
			00 454				07/00/40 07:00	07/00/46 00:04	_
Tetrachloro-m-xylene	86		60 ₋ 154				07/22/16 07:39	07/22/16 23:31	5
Tetrachloro-m-xylene DCB Decachlorobiphenyl	86 124		60 - 154 65 - 174					07/22/16 23:31	5 5

Client Sample ID: 819018WC010000XX Lab Sample ID: 480-103449-57

Date Collected: 07/19/16 11:20 **Matrix: Solid**

Date Received: 07/21/16 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		07/26/16 10:16	07/27/16 16:11	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		07/26/16 10:16	07/27/16 16:11	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		07/26/16 10:16	07/27/16 16:11	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		07/26/16 10:16	07/27/16 16:11	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		07/26/16 10:16	07/27/16 16:11	1
3-Methylphenol	ND		0.010	0.00040	mg/L		07/26/16 10:16	07/27/16 16:11	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		07/26/16 10:16	07/27/16 16:11	1
4-Methylphenol	ND		0.010	0.00036	mg/L		07/26/16 10:16	07/27/16 16:11	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		07/26/16 10:16	07/27/16 16:11	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		07/26/16 10:16	07/27/16 16:11	1
Pyridine	ND		0.025	0.00041	mg/L		07/26/16 10:16	07/27/16 16:11	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		07/26/16 10:16	07/27/16 16:11	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		07/26/16 10:16	07/27/16 16:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	75		52 - 132				07/26/16 10:16	07/27/16 16:11	1
2-Fluorobiphenyl	82		48 - 120				07/26/16 10:16	07/27/16 16:11	1
2-Fluorophenol	49		20 - 120				07/26/16 10:16	07/27/16 16:11	1
Nitrobenzene-d5	93		46 - 120				07/26/16 10:16	07/27/16 16:11	1
p-Terphenyl-d14	94		67 - 150				07/26/16 10:16	07/27/16 16:11	1
Phenol-d5	37		16 - 120				07/26/16 10:16	07/27/16 16:11	1

Pnenoi-a5 -	3/		16 - 120				07/26/16 10:16	07/27/16 16:11	7
- Method: 8081B - Organod	hlorine Pesticid	es (GC) -	TCLP						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		07/26/16 10:26	07/27/16 16:04	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		07/26/16 10:26	07/27/16 16:04	1
Endrin	ND		0.00020	0.000014	mg/L		07/26/16 10:26	07/27/16 16:04	1
Heptachlor	ND		0.00020	0.0000085	mg/L		07/26/16 10:26	07/27/16 16:04	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		07/26/16 10:26	07/27/16 16:04	1
Methoxychlor	ND		0.00020	0.000014	mg/L		07/26/16 10:26	07/27/16 16:04	1
Toxaphene	ND		0.0020	0.00012	mg/L		07/26/16 10:26	07/27/16 16:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	85		20 - 120				07/26/16 10:26	07/27/16 16:04	1
DCB Decachlorobiphenyl	82		20 - 120				07/26/16 10:26	07/27/16 16:04	1

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018WC010000XX

Date Collected: 07/19/16 11:20 Date Received: 07/21/16 09:30 Lab Sample ID: 480-103449-57

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	84		36 - 120	07/26/16 10:26	07/27/16 16:04	1
Tetrachloro-m-xylene	77		36 - 120	07/26/16 10:26	07/27/16 16:04	1

	Method:	8151	- TCLP	Herbicides	- TCLP
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Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND ND	0.0020	0.00036	mg/L		07/26/16 10:05	07/28/16 03:18	1
2,4-D	ND	0.0020	0.00040	mg/L		07/26/16 10:05	07/28/16 03:18	1
Surrogate	%Recovery Qualifier	Limits				Prepared	Analyzed	Dil Fac
Surrogate 2,4-Dichlorophenylacetic acid	%Recovery Qualifier 40	25 - 143					Analyzed 07/28/16 03:18	Dil Fac

Method: 6010C - Metals (ICP) - IC	LP								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		07/26/16 12:05	07/27/16 21:35	1
Barium	2.4		1.0	0.10	mg/L		07/26/16 12:05	07/27/16 21:35	1
Cadmium	0.14		0.0020	0.00050	mg/L		07/26/16 12:05	07/27/16 21:35	1
Chromium	ND		0.020	0.010	mg/L		07/26/16 12:05	07/27/16 21:35	1
Lead	10.4		0.020	0.0030	mg/L		07/26/16 12:05	07/27/16 21:35	1
Selenium	ND		0.025	0.0087	mg/L		07/26/16 12:05	07/27/16 21:35	1
Silver	ND		0.0060	0.0017	mg/L		07/26/16 12:05	07/27/16 21:35	1

Method: 7470A - Mercu	ry (CVAA) - TCLP
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Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND —	0.00020	0.00012 mg/L		07/26/16 12:10	07/26/16 15:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	10	mg/Kg		07/28/16 02:45	07/28/16 10:54	1
Sulfide, Reactive	ND		10	10	mg/Kg		07/28/16 02:45	07/28/16 11:45	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte Burn Rate	Result ND	Qualifier	2.20 —		Unit mm/sec	_ D	Prepared	Analyzed 08/01/16 10:15	Dil Fac

Client Sample ID: 819018WC010000XX

Lab Sample ID: 480-103449-57 Date Collected: 07/19/16 11:20 **Matrix: Solid** Date Received: 07/21/16 09:30 Percent Solids: 90.0

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	1.2	0.23	mg/Kg	<u></u>	07/22/16 07:39	07/22/16 23:47	5
PCB-1221	ND	1.2	0.23	mg/Kg	₩	07/22/16 07:39	07/22/16 23:47	5
PCB-1232	ND	1.2	0.23	mg/Kg	₩	07/22/16 07:39	07/22/16 23:47	5
PCB-1242	ND	1.2	0.23	mg/Kg	☆	07/22/16 07:39	07/22/16 23:47	5
PCB-1248	1.6	1.2	0.23	mg/Kg	₩	07/22/16 07:39	07/22/16 23:47	5
PCB-1254	4.4	1.2	0.55	mg/Kg	₩	07/22/16 07:39	07/22/16 23:47	5
PCB-1260	3.2	1.2	0.55	mg/Kg	₩	07/22/16 07:39	07/22/16 23:47	5
Polychlorinated biphenyls, Total	9.2	1.2	0.55	mg/Kg	☼	07/22/16 07:39	07/22/16 23:47	5

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018WC010000XX

Date Collected: 07/19/16 11:20 Date Received: 07/21/16 09:30 Lab Sample ID: 480-103449-57

Matrix: Solid Percent Solids: 90.0

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	95	60 - 154	07/22/16 07:39	07/22/16 23:47	5
Tetrachloro-m-xylene	84	60 - 154	07/22/16 07:39	07/22/16 23:47	5
DCB Decachlorobiphenyl	141	65 - 174	07/22/16 07:39	07/22/16 23:47	5
DCB Decachlorobiphenyl	128	65 - 174	07/22/16 07:39	07/22/16 23:47	5

Date Collected: 07/19/16 10:05 Date Received: 07/21/16 09:30

2,4,6-Trichlorophenol

Matrix: Solid

07/26/16 10:16 07/27/16 16:37

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - TCLP Result Qualifier Analyte RL **MDL** Unit Prepared **Analyzed** Dil Fac 1,4-Dichlorobenzene $\overline{\mathsf{ND}}$ 0.010 0.00046 mg/L 07/26/16 10:16 07/27/16 16:37 2,4-Dinitrotoluene ND 0.0050 0.00045 mg/L 07/26/16 10:16 07/27/16 16:37 Hexachlorobenzene ND 0.0050 0.00051 mg/L 07/26/16 10:16 07/27/16 16:37 Hexachlorobutadiene ND 0.0050 0.00068 mg/L 07/26/16 10:16 07/27/16 16:37 Hexachloroethane ND 0.0050 0.00059 mg/L 07/26/16 10:16 07/27/16 16:37 3-Methylphenol ND 0.010 0.00040 mg/L 07/26/16 10:16 07/27/16 16:37 2-Methylphenol ND 0.00040 mg/L 07/26/16 10:16 07/27/16 16:37 0.0050 4-Methylphenol ND 0.010 0.00036 mg/L 07/26/16 10:16 07/27/16 16:37 Nitrobenzene ND 0.0050 0.00029 mg/L 07/26/16 10:16 07/27/16 16:37 Pentachlorophenol ND 0.010 0.0022 mg/L 07/26/16 10:16 07/27/16 16:37 Pyridine ND 0.025 0.00041 mg/L 07/26/16 10:16 07/27/16 16:37 2,4,5-Trichlorophenol ND 0.0050 0.00048 mg/L 07/26/16 10:16 07/27/16 16:37

Surrogate	%Recovery Qual	lifier Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	80	52 - 132	07/26/16 10:16	07/27/16 16:37	1
2-Fluorobiphenyl	85	48 - 120	07/26/16 10:16	07/27/16 16:37	1
2-Fluorophenol	48	20 - 120	07/26/16 10:16	07/27/16 16:37	1
Nitrobenzene-d5	88	46 - 120	07/26/16 10:16	07/27/16 16:37	1
p-Terphenyl-d14	101	67 - 150	07/26/16 10:16	07/27/16 16:37	1
Phenol-d5	38	16 - 120	07/26/16 10:16	07/27/16 16:37	1

0.0050

0.00061 mg/L

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

ND

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Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND ND	0.00020	0.0000060	mg/L		07/26/16 10:26	07/27/16 16:24	1
Chlordane (technical)	ND	0.0020	0.000029	mg/L		07/26/16 10:26	07/27/16 16:24	1
Endrin	ND	0.00020	0.000014	mg/L		07/26/16 10:26	07/27/16 16:24	1
Heptachlor	ND	0.00020	0.0000085	mg/L		07/26/16 10:26	07/27/16 16:24	1
Heptachlor epoxide	ND	0.00020	0.0000053	mg/L		07/26/16 10:26	07/27/16 16:24	1
Methoxychlor	ND	0.00020	0.000014	mg/L		07/26/16 10:26	07/27/16 16:24	1
Toxaphene	ND	0.0020	0.00012	mg/L		07/26/16 10:26	07/27/16 16:24	1

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	70	20 - 120	07/26/16 10:26	07/27/16 16:24	1
DCB Decachlorobiphenyl	72	20 - 120	07/26/16 10:26	07/27/16 16:24	1
Tetrachloro-m-xylene	79	36 - 120	07/26/16 10:26	07/27/16 16:24	1
Tetrachloro-m-xylene	75	36 - 120	07/26/16 10:26	07/27/16 16:24	1

2

Client: New York State D.E.C.

Project/Site: Batavia Iron & Metal #819018

TestAmerica Job ID: 480-103449-1

Client Sample ID: 819018WC11A000XX

Date Collected: 07/19/16 10:05 Date Received: 07/21/16 09:30

Silver

Lab Sample ID: 480-103449-58

07/26/16 12:05 07/27/16 21:39

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		07/26/16 10:05	07/28/16 03:48	1
2,4-D	ND		0.0020	0.00040	mg/L		07/26/16 10:05	07/28/16 03:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	39		35 - 143				07/26/16 10:05	07/28/16 03:48	1
2,4-Dichlorophenylacetic acid	31	Y	35 - 143				07/26/16 10:05	07/28/16 03:48	1
Method: 6010C - Metals (IC		^	30 - 143				07720710 10.00	07/20/10 00:40	,
Method: 6010C - Metals (IC	P) - TCLP			MDL	Unit	D			Dil Fac
	P) - TCLP	Qualifier	RL 0.015	MDL 0.0056		D	Prepared	Analyzed 07/27/16 21:39	Dil Fac
Method: 6010C - Metals (IC Analyte	P) - TCLP Result		RL	0.0056		<u>D</u>	Prepared 07/26/16 12:05	Analyzed	Dil Fac
Method: 6010C - Metals (IC Analyte Arsenic	P) - TCLP Result ND		RL 0.015	0.0056	mg/L mg/L	<u>D</u>	Prepared 07/26/16 12:05 07/26/16 12:05	Analyzed 07/27/16 21:39	Dil Fac
Method: 6010C - Metals (IC Analyte Arsenic Barium	P) - TCLP Result ND 2.3		RL 0.015 1.0	0.0056 0.10	mg/L mg/L mg/L	D_	Prepared 07/26/16 12:05 07/26/16 12:05 07/26/16 12:05	Analyzed 07/27/16 21:39 07/27/16 21:39	Dil Fac
Method: 6010C - Metals (IC Analyte Arsenic Barium Cadmium	P) - TCLP Result ND 2.3 0.23		RL 0.015 1.0 0.0020	0.0056 0.10 0.00050	mg/L mg/L mg/L mg/L	<u>D</u>	Prepared 07/26/16 12:05 07/26/16 12:05 07/26/16 12:05 07/26/16 12:05	Analyzed 07/27/16 21:39 07/27/16 21:39 07/27/16 21:39	Dil Fac 1 1 1 1

 Method: 7470A - Mercury (CVAA) - TCLP

 Analyte
 Result
 Qualifier
 RL
 MDL
 Unit
 D
 Prepared
 Analyzed
 Dil Factory

 Mercury
 ND
 0.00020
 0.00020
 0.00012
 mg/L
 07/26/16 12:10
 07/26/16 15:42
 07/26/16 15:42

0.0060

0.0017 mg/L

ND

General Chemistry Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	10	mg/Kg		07/28/16 02:45	07/28/16 10:54	1
Sulfide, Reactive	ND		10	10	mg/Kg		07/28/16 02:45	07/28/16 11:45	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate	ND		2.20	2.20	mm/sec			08/01/16 10:15	1
pH	8.5	HF	0.1	0.1	SU			07/24/16 08:30	1

 Date Collected: 07/19/16 10:05
 Matrix: Solid

 Date Received: 07/21/16 09:30
 Percent Solids: 84.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.1	0.22	mg/Kg	₩	07/22/16 07:39	07/23/16 00:03	- 5
PCB-1221	ND		1.1	0.22	mg/Kg	☼	07/22/16 07:39	07/23/16 00:03	5
PCB-1232	ND		1.1	0.22	mg/Kg	☼	07/22/16 07:39	07/23/16 00:03	5
PCB-1242	ND		1.1	0.22	mg/Kg	₽	07/22/16 07:39	07/23/16 00:03	5
PCB-1248	4.6		1.1	0.22	mg/Kg	☼	07/22/16 07:39	07/23/16 00:03	5
PCB-1254	7.9		1.1	0.53	mg/Kg	☼	07/22/16 07:39	07/23/16 00:03	5
PCB-1260	5.7		1.1	0.53	mg/Kg	₽	07/22/16 07:39	07/23/16 00:03	5
Polychlorinated biphenyls, Total	18		1.1	0.53	mg/Kg	₩	07/22/16 07:39	07/23/16 00:03	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	90		60 - 154				07/22/16 07:39	07/23/16 00:03	- 5
Tetrachloro-m-xylene	92		60 - 154				07/22/16 07:39	07/23/16 00:03	5
DCB Decachlorobiphenyl	131		65 - 174				07/22/16 07:39	07/23/16 00:03	5
DCB Decachlorobiphenyl	135		65 - 174				07/22/16 07:39	07/23/16 00:03	

TestAmerica Job ID: 480-103449-1

Client Sample ID: 819018WC11B000XX

Date Collected: 07/19/16 10:01 Date Received: 07/21/16 09:30 Lab Sample ID: 480-103449-59

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		07/26/16 10:16	07/27/16 17:03	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		07/26/16 10:16	07/27/16 17:03	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		07/26/16 10:16	07/27/16 17:03	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		07/26/16 10:16	07/27/16 17:03	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		07/26/16 10:16	07/27/16 17:03	1
3-Methylphenol	ND		0.010	0.00040	mg/L		07/26/16 10:16	07/27/16 17:03	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		07/26/16 10:16	07/27/16 17:03	1
4-Methylphenol	ND		0.010	0.00036	mg/L		07/26/16 10:16	07/27/16 17:03	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		07/26/16 10:16	07/27/16 17:03	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		07/26/16 10:16	07/27/16 17:03	1
Pyridine	ND		0.025	0.00041	mg/L		07/26/16 10:16	07/27/16 17:03	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		07/26/16 10:16	07/27/16 17:03	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		07/26/16 10:16	07/27/16 17:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	72		52 - 132				07/26/16 10:16	07/27/16 17:03	1
2-Fluorobiphenyl	81		48 - 120				07/26/16 10:16	07/27/16 17:03	1
2-Fluorophenol	42		20 - 120				07/26/16 10:16	07/27/16 17:03	1
Nitrobenzene-d5	85		46 - 120				07/26/16 10:16	07/27/16 17:03	
p-Terphenyl-d14	92		67 - 150				07/26/16 10:16	07/27/16 17:03	1
Phenol-d5	33		16 - 120				07/26/16 10:16	07/27/16 17:03	1
Method: 8081B - Organo	ochlorine Pesticio	les (GC) - '	TCLP						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		07/26/16 10:26	07/27/16 16:43	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		07/26/16 10:26	07/27/16 16:43	1
Endrin	ND		0.00020	0.000014	mg/L		07/26/16 10:26	07/27/16 16:43	1
Heptachlor	ND		0.00020	0.0000085	mg/L		07/26/16 10:26	07/27/16 16:43	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		07/26/16 10:26	07/27/16 16:43	1
Methoxychlor	ND		0.00020	0.000014	mg/L		07/26/16 10:26	07/27/16 16:43	1
Toxaphene	ND		0.0020	0.00012				07/27/16 16:43	

Surrogate	%Recovery (Qualifier L	imits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	73		20 - 120	07/26/16 10:26	07/27/16 16:43	1
DCB Decachlorobiphenyl	72	2	20 - 120	07/26/16 10:26	07/27/16 16:43	1
Tetrachloro-m-xylene	86	3	36 ₋ 120	07/26/16 10:26	07/27/16 16:43	1
Tetrachloro-m-xylene	76	3	36 - 120	07/26/16 10:26	07/27/16 16:43	1

Method: 8151 - TCLP Herbid	cides - TCLP								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		07/26/16 10:05	07/28/16 04:18	1
2,4-D	ND		0.0020	0.00040	mg/L		07/26/16 10:05	07/28/16 04:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	47		35 - 143				07/26/16 10:05	07/28/16 04:18	1
2,4-Dichlorophenylacetic acid	27	X	35 - 143				07/26/16 10:05	07/28/16 04:18	1

Method: 6010C - Metals (ICP) -	TCLP								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		07/26/16 12:05	07/27/16 21:43	1
Barium	1.9		1.0	0.10	mg/L		07/26/16 12:05	07/27/16 21:43	1

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018WC11B000XX

Date Collected: 07/19/16 10:01 Date Received: 07/21/16 09:30

DCB Decachlorobiphenyl

Lab Sample ID: 480-103449-59

Matrix: Solid

Analyte	ls (ICP) - TCLP (Continued) Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.18	0.0020	0.00050	mg/L		07/26/16 12:05	07/27/16 21:43	1
Chromium	ND	0.020	0.010	mg/L		07/26/16 12:05	07/27/16 21:43	1
Lead	8.1	0.020	0.0030	mg/L		07/26/16 12:05	07/27/16 21:43	1
Selenium	ND	0.025	0.0087	mg/L		07/26/16 12:05	07/27/16 21:43	1
Silver	ND	0.0060	0.0017	mg/L		07/26/16 12:05	07/27/16 21:43	1

 Method: 7470A - Mercury (CVAA) - TCLP

 Analyte
 Result
 Qualifier
 RL
 MDL
 Unit
 D
 Prepared
 Analyzed
 Dil Factory

 Mercury
 ND
 0.00020
 0.00012
 mg/L
 07/26/16 12:10
 07/26/16 15:44
 1

General Chemistry Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	10	mg/Kg		07/28/16 02:45	07/28/16 10:54	1
Sulfide, Reactive	ND		10	10	mg/Kg		07/28/16 02:45	07/28/16 11:45	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate	ND		2.20	2.20	mm/sec			08/01/16 10:15	1
рН	8.3	HF	0.1	0.1	SU			07/24/16 08:30	1

 Date Collected: 07/19/16 10:01
 Matrix: Solid

 Date Received: 07/21/16 09:30
 Percent Solids: 88.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2.4	0.48	mg/Kg	<u> </u>	07/22/16 07:39	07/23/16 00:19	10
PCB-1221	ND		2.4	0.48	mg/Kg	☼	07/22/16 07:39	07/23/16 00:19	10
PCB-1232	ND		2.4	0.48	mg/Kg	₩	07/22/16 07:39	07/23/16 00:19	10
PCB-1242	ND		2.4	0.48	mg/Kg	φ.	07/22/16 07:39	07/23/16 00:19	10
PCB-1248	5.9		2.4	0.48	mg/Kg	☼	07/22/16 07:39	07/23/16 00:19	10
PCB-1254	6.4		2.4	1.1	mg/Kg	☼	07/22/16 07:39	07/23/16 00:19	10
PCB-1260	5.5		2.4	1.1	mg/Kg		07/22/16 07:39	07/23/16 00:19	10
Polychlorinated biphenyls, Total	18		2.4	1.1	mg/Kg	☼	07/22/16 07:39	07/23/16 00:19	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		60 - 154				07/22/16 07:39	07/23/16 00:19	10
Tetrachloro-m-xylene	77		60 - 154				07/22/16 07:39	07/23/16 00:19	10
DCB Decachlorobiphenyl	0	X	65 - 174				07/22/16 07:39	07/23/16 00:19	10

Client Sample ID: 819018WC012000XX Lab Sample ID: 480-103449-60

65 - 174

Date Collected: 07/19/16 09:05
Date Received: 07/21/16 09:30

0 X

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - TCLP										
Analyte	Result C	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		07/26/16 10:16	07/27/16 17:29	1	
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		07/26/16 10:16	07/27/16 17:29	1	
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		07/26/16 10:16	07/27/16 17:29	1	
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		07/26/16 10:16	07/27/16 17:29	1	
Hexachloroethane	ND		0.0050	0.00059	mg/L		07/26/16 10:16	07/27/16 17:29	1	

TestAmerica Buffalo

07/22/16 07:39 07/23/16 00:19

Matrix: Solid

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018WC012000XX

Date Collected: 07/19/16 09:05 Date Received: 07/21/16 09:30

Tetrachloro-m-xylene

Lab Sample ID: 480-103449-60

07/26/16 10:26 07/27/16 17:03

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylphenol	ND		0.010	0.00040	mg/L		07/26/16 10:16	07/27/16 17:29	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		07/26/16 10:16	07/27/16 17:29	1
4-Methylphenol	ND		0.010	0.00036	mg/L		07/26/16 10:16	07/27/16 17:29	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		07/26/16 10:16	07/27/16 17:29	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		07/26/16 10:16	07/27/16 17:29	1
Pyridine	ND		0.025	0.00041	mg/L		07/26/16 10:16	07/27/16 17:29	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		07/26/16 10:16	07/27/16 17:29	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		07/26/16 10:16	07/27/16 17:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	78		52 - 132				07/26/16 10:16	07/27/16 17:29	1
2-Fluorobiphenyl	84		48 - 120				07/26/16 10:16	07/27/16 17:29	1
2-Fluorophenol	48		20 - 120				07/26/16 10:16	07/27/16 17:29	1
Nitrobenzene-d5	93		46 - 120				07/26/16 10:16	07/27/16 17:29	1
p-Terphenyl-d14	97		67 - 150				07/26/16 10:16	07/27/16 17:29	1
Phenol-d5	37		16 - 120				07/26/16 10:16	07/27/16 17:29	1

Method: 8081B - Organoc	hlorine Pesticide	es (GC) - ⁻	TCLP						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		07/26/16 10:26	07/27/16 17:03	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		07/26/16 10:26	07/27/16 17:03	1
Endrin	ND		0.00020	0.000014	mg/L		07/26/16 10:26	07/27/16 17:03	1
Heptachlor	ND		0.00020	0.0000085	mg/L		07/26/16 10:26	07/27/16 17:03	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		07/26/16 10:26	07/27/16 17:03	1
Methoxychlor	ND		0.00020	0.000014	mg/L		07/26/16 10:26	07/27/16 17:03	1
Toxaphene	ND		0.0020	0.00012	mg/L		07/26/16 10:26	07/27/16 17:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	83		20 - 120				07/26/16 10:26	07/27/16 17:03	1
DCB Decachlorobiphenyl	83		20 - 120				07/26/16 10:26	07/27/16 17:03	1
Tetrachloro-m-xylene	75		36 - 120				07/26/16 10:26	07/27/16 17:03	1

Method: 8151 - TCLP Herbio	ides - TCLP								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		07/26/16 10:08	07/28/16 05:18	1
2,4-D	ND		0.0020	0.00040	mg/L		07/26/16 10:08	07/28/16 05:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	45		35 - 143				07/26/16 10:08	07/28/16 05:18	1
2,4-Dichlorophenylacetic acid	40		35 - 143				07/26/16 10:08	07/28/16 05:18	1

36 - 120

Method: 6010C - Metals	(ICP) - TCLP								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.013	J	0.015	0.0056	mg/L		07/26/16 12:05	07/27/16 21:47	1
Barium	2.7		1.0	0.10	mg/L		07/26/16 12:05	07/27/16 21:47	1
Cadmium	0.24		0.0020	0.00050	mg/L		07/26/16 12:05	07/27/16 21:47	1
Chromium	ND		0.020	0.010	mg/L		07/26/16 12:05	07/27/16 21:47	1
Lead	5.5		0.020	0.0030	mg/L		07/26/16 12:05	07/27/16 21:47	1
Selenium	ND		0.025	0.0087	mg/L		07/26/16 12:05	07/27/16 21:47	1
Silver	ND		0.0060	0.0017	mg/L		07/26/16 12:05	07/27/16 21:47	1

Method: 7470A - Mercury (CVAA) - TCLP

Client: New York State D.E.C.

Date Received: 07/21/16 09:30

Project/Site: Batavia Iron & Metal #819018

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		07/26/16 12:10	07/26/16 15:45	1
General Chemistry Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10		mg/Kg	— <u> </u>		07/28/16 10:54	1
Sulfide, Reactive	ND		10	10	mg/Kg		07/28/16 02:45	07/28/16 11:45	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate	ND		2.20	2.20	mm/sec			08/01/16 10:15	1
pH	8.1	HF	0.1	0.1	SU			07/24/16 08:30	1

Lab Sample ID: 480-103449-60 **Client Sample ID: 819018WC012000XX**

Date Collected: 07/19/16 09:05 **Matrix: Solid** Date Received: 07/21/16 09:30 Percent Solids: 89.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2.4	0.47	mg/Kg	₩	07/22/16 07:39	07/23/16 00:35	10
PCB-1221	ND		2.4	0.47	mg/Kg	₩	07/22/16 07:39	07/23/16 00:35	10
PCB-1232	ND		2.4	0.47	mg/Kg	☼	07/22/16 07:39	07/23/16 00:35	10
PCB-1242	ND		2.4	0.47	mg/Kg	₽	07/22/16 07:39	07/23/16 00:35	10
PCB-1248	17		2.4	0.47	mg/Kg	₩	07/22/16 07:39	07/23/16 00:35	10
PCB-1254	26		2.4	1.1	mg/Kg	₩	07/22/16 07:39	07/23/16 00:35	10
PCB-1260	14		2.4	1.1	mg/Kg	φ.	07/22/16 07:39	07/23/16 00:35	10
Polychlorinated biphenyls, Total	57		2.4	1.1	mg/Kg	₩	07/22/16 07:39	07/23/16 00:35	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	120		60 - 154				07/22/16 07:39	07/23/16 00:35	10
Tetrachloro-m-xylene	61		60 - 154				07/22/16 07:39	07/23/16 00:35	10
DCB Decachlorobiphenyl	130		65 - 174				07/22/16 07:39	07/23/16 00:35	10
DCB Decachlorobiphenvl	159		65 - 174				07/22/16 07:39	07/23/16 00:35	10

Client Sample ID: TB-01 Lab Sample ID: 480-103449-61 Date Collected: 07/20/16 12:00 **Matrix: Water**

Date Received. 01/2 1/10 03.5	<u> </u>				
Method: 8260C - Volatile Or	ganic Compo	unds by GC/	MS		
Analyte	Result	Qualifier	RL	MDL	Unit
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L
1 1 2 2-Tetrachloroethane	ND		1.0	0.21	ua/l

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	1.0	0.82	ug/L			07/25/16 15:59	1
1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/L			07/25/16 15:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	0.31	ug/L			07/25/16 15:59	1
1,1,2-Trichloroethane	ND	1.0	0.23	ug/L			07/25/16 15:59	1
1,1-Dichloroethane	ND	1.0	0.38	ug/L			07/25/16 15:59	1
1,1-Dichloroethene	ND	1.0	0.29	ug/L			07/25/16 15:59	1
1,2,4-Trichlorobenzene	ND	1.0	0.41	ug/L			07/25/16 15:59	1
1,2-Dibromo-3-Chloropropane	ND	1.0	0.39	ug/L			07/25/16 15:59	1
1,2-Dibromoethane	ND	1.0	0.73	ug/L			07/25/16 15:59	1
1,2-Dichlorobenzene	ND	1.0	0.79	ug/L			07/25/16 15:59	1
1,2-Dichloroethane	ND	1.0	0.21	ug/L			07/25/16 15:59	1
1,2-Dichloropropane	ND	1.0	0.72	ug/L			07/25/16 15:59	1
1,3-Dichlorobenzene	ND	1.0	0.78	ug/L			07/25/16 15:59	1
1,4-Dichlorobenzene	ND	1.0	0.84	ug/L			07/25/16 15:59	1
2-Butanone (MEK)	ND	10	1.3	ug/L			07/25/16 15:59	1
2-Hexanone	ND	5.0	1.2	ug/L			07/25/16 15:59	1
4-Methyl-2-pentanone (MIBK)	ND	5.0	2.1	ug/L			07/25/16 15:59	1

Client Sample Results

Client: New York State D.E.C.

Project/Site: Batavia Iron & Metal #819018

TestAmerica Job ID: 480-103449-1

Lab Sample ID: 480-103449-61

Matrix: Water

Client Sample ID: TB-01

Date Collected: 07/20/16 12:00 Date Received: 07/21/16 09:30

Analyte	Result Qualifi	er RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND ND		3.0	ug/L			07/25/16 15:59	1
Benzene	ND	1.0	0.41	ug/L			07/25/16 15:59	1
Bromodichloromethane	ND	1.0	0.39	ug/L			07/25/16 15:59	1
Bromoform	ND	1.0	0.26	ug/L			07/25/16 15:59	1
Bromomethane	ND	1.0	0.69	ug/L			07/25/16 15:59	1
Carbon disulfide	ND	1.0	0.19	ug/L			07/25/16 15:59	1
Carbon tetrachloride	ND	1.0	0.27	ug/L			07/25/16 15:59	1
Chlorobenzene	ND	1.0	0.75	ug/L			07/25/16 15:59	1
Chloroethane	ND	1.0	0.32	ug/L			07/25/16 15:59	1
Chloroform	ND	1.0	0.34	ug/L			07/25/16 15:59	1
Chloromethane	ND	1.0	0.35	ug/L			07/25/16 15:59	1
cis-1,2-Dichloroethene	ND	1.0	0.81	ug/L			07/25/16 15:59	1
cis-1,3-Dichloropropene	ND	1.0	0.36	ug/L			07/25/16 15:59	1
Cyclohexane	ND	1.0	0.18	ug/L			07/25/16 15:59	1
Dibromochloromethane	ND	1.0	0.32	ug/L			07/25/16 15:59	1
Dichlorodifluoromethane	ND	1.0	0.68	ug/L			07/25/16 15:59	1
Ethylbenzene	ND	1.0	0.74	ug/L			07/25/16 15:59	1
Isopropylbenzene	ND	1.0	0.79	ug/L			07/25/16 15:59	1
Methyl acetate	ND	2.5	1.3	ug/L			07/25/16 15:59	1
Methyl tert-butyl ether	ND	1.0	0.16	ug/L			07/25/16 15:59	1
Methylcyclohexane	ND	1.0	0.16	ug/L			07/25/16 15:59	1
Methylene Chloride	ND	1.0	0.44	ug/L			07/25/16 15:59	1
Styrene	ND	1.0	0.73	ug/L			07/25/16 15:59	1
Tetrachloroethene	ND	1.0	0.36	ug/L			07/25/16 15:59	1
Toluene	ND	1.0	0.51	ug/L			07/25/16 15:59	1
trans-1,2-Dichloroethene	ND	1.0	0.90	ug/L			07/25/16 15:59	1
trans-1,3-Dichloropropene	ND	1.0	0.37	ug/L			07/25/16 15:59	1
Trichloroethene	ND	1.0	0.46	ug/L			07/25/16 15:59	1
Trichlorofluoromethane	ND	1.0	0.88	ug/L			07/25/16 15:59	1
Vinyl chloride	ND	1.0	0.90	ug/L			07/25/16 15:59	1
Xylenes, Total	ND	2.0	0.66	ug/L			07/25/16 15:59	1
Surrogate	%Recovery Qualifi	ier Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96	66 - 137			-		07/25/16 15:59	1
4-Bromofluorobenzene (Surr)	100	73 - 120					07/25/16 15:59	1
Toluene-d8 (Surr)	97	71 - 126					07/25/16 15:59	1

8/15/2016

3

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Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018SS001000XX

Date Collected: 07/20/16 08:30

Date Received: 07/21/16 09:30

Lab Sample ID: 480-103449-1

Matrix: Solid

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			312930	07/26/16 10:33	JLS	TAL BUF
TCLP	Analysis	8260C		10	314725	08/05/16 22:11	GTG	TAL BUF

Client Sample ID: 819018SS002000XX

Date Collected: 07/20/16 08:35

Date Received: 07/21/16 09:30

Lab Sample ID: 480-103449-2

Matrix: Solid

Matrix: Solid

Matrix: Solid

Matrix: Solid

Matrix: Solid

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			312930	07/26/16 10:33	JLS	TAL BUF
TCLP	Analysis	8260C		10	314725	08/05/16 22:35	GTG	TAL BUF

Client Sample ID: 819018SS003000XX Lab Sample ID: 480-103449-3

Date Collected: 07/20/16 08:45

Date Received: 07/21/16 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311				07/26/16 10:33		TAL BUF
TCLP	Analysis	8260C		10	314725	08/05/16 22:59	GTG	TAL BUF

Client Sample ID: 819018SS004000XX Lab Sample ID: 480-103449-4

Date Collected: 07/20/16 09:10

Date Received: 07/21/16 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			312930	07/26/16 10:33	JLS	TAL BUF
TCLP	Analysis	8260C		10	314725	08/05/16 23:23	GTG	TAL BUF

Client Sample ID: 819018SS005000XX Lab Sample ID: 480-103449-5

Date Collected: 07/20/16 09:15

Date Received: 07/21/16 09:30

_	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			312930	07/26/16 10:33	JLS	TAL BUF
TCLP	Analysis	8260C		10	314725	08/05/16 23:47	GTG	TAL BUF

Client Sample ID: 819018SS006000XX Lab Sample ID: 480-103449-6

Date Collected: 07/20/16 09:20

Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			312930	07/26/16 10:33	JLS	TAL BUF
TCLP	Analysis	8260C		10	314725	08/06/16 00:11	GTG	TAL BUF

TestAmerica Buffalo

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Client: New York State D.E.C.

Project/Site: Batavia Iron & Metal #819018

Date Collected: 07/20/16 09:25 Matrix: Solid

Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			312930	07/26/16 10:33	JLS	TAL BUF
TCLP	Analysis	8260C		10	314725	08/06/16 00:34	GTG	TAL BUF

Date Collected: 07/20/16 09:30

Matrix: Solid

Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			312930	07/26/16 10:33	JLS	TAL BUF
TCLP	Analysis	8260C		10	314725	08/06/16 00:58	GTG	TAL BUF

Date Collected: 07/20/16 09:35 Matrix: Solid

Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			312930	07/26/16 10:33	JLS	TAL BUF
TCLP	Analysis	8260C		10	314725	08/06/16 01:22	GTG	TAL BUF

Date Collected: 07/19/16 16:05 East Solid

Date Received: 07/21/16 09:30

_	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			312930	07/26/16 10:33	JLS	TAL BUF
TCLP	Analysis	8260C		10	314725	08/06/16 01:45	GTG	TAL BUF

Date Collected: 07/19/16 16:10 Matrix: Solid

Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			312930	07/26/16 10:33	JLS	TAL BUF
TCLP	Analysis	8260C		10	314725	08/06/16 02:09	GTG	TAL BUF

Client Sample ID: 819018SS012000XX Lab Sample ID: 480-103449-12

Date Collected: 07/19/16 16:15 Matrix: Solid

Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			313150	07/27/16 09:42	JLS	TAL BUF
TCLP	Analysis	8260C		10	314752	08/06/16 00:08	SWO	TAL BUF

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018SS013000XX

Lab Sample ID: 480-103449-13

Date Collected: 07/19/16 16:20 Matrix: Solid

Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			313150	07/27/16 09:42	JLS	TAL BUF
TCLP	Analysis	8260C		10	314752	08/06/16 00:32	SWO	TAL BUF

Date Collected: 07/19/16 16:50 Matrix: Solid

Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			313150	07/27/16 09:42	JLS	TAL BUF
TCLP	Analysis	8260C		10	314752	08/06/16 00:55	SWO	TAL BUF

Date Collected: 07/19/16 16:55 Matrix: Solid

Date Received: 07/21/16 09:30

_	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			313150	07/27/16 09:42	JLS	TAL BUF
TCLP	Analysis	8260C		10	314752	08/06/16 01:18	SWO	TAL BUF

Date Collected: 07/19/16 15:25 Matrix: Solid

Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			313150	07/27/16 09:42	JLS	TAL BUF
TCLP	Analysis	8260C		10	314752	08/06/16 01:41	SWO	TAL BUF

Date Collected: 07/19/16 15:30 Matrix: Solid

Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			313150	07/27/16 09:42	JLS	TAL BUF
TCLP	Analysis	8260C		10	314752	08/06/16 02:04	SWO	TAL BUF

Client Sample ID: 819018SS018000XX Lab Sample ID: 480-103449-18

Date Collected: 07/19/16 12:50 Matrix: Solid

Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			313150	07/27/16 09:42	JLS	TAL BUF
TCLP	Analysis	8260C		10	314752	08/06/16 02:27	SWO	TAL BUF

Lab Sample ID: 480-103449-19

Client: New York State D.E.C.

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018SS019000XX

Date Collected: 07/19/16 13:20 **Matrix: Solid**

Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			313150	07/27/16 09:42	JLS	TAL BUF
TCLP	Analysis	8260C		10	314752	08/06/16 02:50	SWO	TAL BUF

Client Sample ID: 819018SS020000XX

Lab Sample ID: 480-103449-20

Date Collected: 07/19/16 13:25 **Matrix: Solid**

Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			313150	07/27/16 09:42	JLS	TAL BUF
TCLP	Analysis	8260C		10	314895	08/08/16 16:10	GVF	TAL BUF

Client Sample ID: 819018SS021000XX

Lab Sample ID: 480-103449-21

Date Collected: 07/19/16 13:30 **Matrix: Solid** Date Received: 07/21/16 09:30

Dilution Batch Batch Batch **Prepared** Method or Analyzed Analyst **Prep Type** Type Run **Factor** Number TCLP Leach 1311 313150 07/27/16 09:42 JLS TAL BUF TAL BUF **TCLP** Analysis 8260C 10 314895 08/08/16 16:34 GVF

Client Sample ID: 819018SS022000XX Lab Sample ID: 480-103449-22

Date Collected: 07/19/16 13:35 **Matrix: Solid**

Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			313150	07/27/16 09:42	JLS	TAL BUF
TCLP	Analysis	8260C		10	314895	08/08/16 16:57	GVF	TAL BUF

Client Sample ID: 819018SS023000XX Lab Sample ID: 480-103449-23

Date Collected: 07/19/16 13:40 Matrix: Solid

Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			313150	07/27/16 09:42	JLS	TAL BUF
TCLP	Analysis	8260C		10	314895	08/08/16 17:20	GVF	TAL BUF

Lab Sample ID: 480-103449-24 Client Sample ID: 819018SS024000XX

Date Collected: 07/19/16 14:30 Matrix: Solid

Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			313150	07/27/16 09:42	JLS	TAL BUF
TCLP	Analysis	8260C		10	314895	08/08/16 17:44	GVF	TAL BUF

TAL BUF

Client: New York State D.E.C.

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018SS025000XX

Lab Sample ID: 480-103449-25 Date Collected: 07/19/16 14:35 **Matrix: Solid**

Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			313150	07/27/16 09:42	JLS	TAL BUF
TCLP	Analysis	8260C		10	314895	08/08/16 18:07	GVF	TAL BUF

Client Sample ID: 819018SS026000XX

Analysis

8260C

Lab Sample ID: 480-103449-26

Date Collected: 07/19/16 11:40 **Matrix: Solid** Date Received: 07/21/16 09:30

Dilution Batch **Batch** Batch **Prepared Prep Type** Type Method Run **Factor** Number or Analyzed Analyst Lab TCLP Leach 1311 07/28/16 10:07 TAL BUF

Client Sample ID: 819018SS027000XX Lab Sample ID: 480-103449-27

314890 08/08/16 14:49 RRS

10

Date Collected: 07/19/16 11:45 **Matrix: Solid**

Date Received: 07/21/16 09:30

TCLP

Dilution Batch Batch Batch **Prepared** Method or Analyzed Analyst **Prep Type** Type Run **Factor** Number TCLP Leach 1311 313371 07/28/16 10:07 JLS TAL BUF TCLP Analysis 8260C 10 314890 08/08/16 15:13 RRS TAL BUF

Client Sample ID: 819018SS028000XX Lab Sample ID: 480-103449-28

Date Collected: 07/19/16 11:50 **Matrix: Solid**

Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			313371	07/28/16 10:07	JLS	TAL BUF
TCLP	Analysis	8260C		10	314890	08/08/16 15:36	RRS	TAL BUF

Client Sample ID: 819018SS029000XX Lab Sample ID: 480-103449-29

Date Collected: 07/19/16 11:05 Matrix: Solid

Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			313371	07/28/16 10:07	JLS	TAL BUF
TCLP	Analysis	8260C		10	314890	08/08/16 16:00	RRS	TAL BUF

Lab Sample ID: 480-103449-30 Client Sample ID: 819018SS030000XX

Date Collected: 07/19/16 11:10 Matrix: Solid

Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			313371	07/28/16 10:07	JLS	TAL BUF
TCLP	Analysis	8260C		10	314890	08/08/16 16:25	RRS	TAL BUF

Client Sample ID: 819018SS031000XX

Lab Sample ID: 480-103449-31 Date Collected: 07/19/16 11:15 **Matrix: Solid**

Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			313371	07/28/16 10:07	JLS	TAL BUF
TCLP	Analysis	8260C		10	314890	08/08/16 16:49	RRS	TAL BUF

Client Sample ID: 819018SS032000XX

Lab Sample ID: 480-103449-32 Matrix: Solid Date Collected: 07/19/16 09:40

Date Received: 07/21/16 09:30

Dilution Batch **Batch** Batch **Prepared Prep Type** Type Method Run **Factor** Number or Analyzed **Analyst** Lab **TCLP** Leach 1311 07/28/16 10:07 TAL BUF **TCLP** Analysis 8260C 10 314890 08/08/16 17:13 RRS TAL BUF

Client Sample ID: 819018SS033000XX Lab Sample ID: 480-103449-33

Date Collected: 07/19/16 09:45 **Matrix: Solid**

Date Received: 07/21/16 09:30

Dilution Batch Batch Batch **Prepared** Method or Analyzed **Prep Type** Type Run **Factor** Number Analyst TCLP Leach 1311 313371 07/28/16 10:07 JLS TAL BUF **TCLP** Analysis 8260C 10 314890 08/08/16 17:37 RRS TAL BUF

Client Sample ID: 819018SS034000XX Lab Sample ID: 480-103449-34

Date Collected: 07/19/16 09:50

Date Received: 07/21/16 09:30

Batch Batch Dilution Batch **Prepared Prep Type** Type Method Run Factor Number or Analyzed Analyst TAL BUF TCLP Leach 1311 313371 07/28/16 10:07 JLS **TCLP** Analysis 8260C 10 314890 08/08/16 18:00 RRS TAL BUF

Client Sample ID: 819018SS035000XX Lab Sample ID: 480-103449-35

Date Collected: 07/19/16 09:55 Matrix: Solid

Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			313371	07/28/16 10:07	JLS	TAL BUF
TCLP	Analysis	8260C		10	314890	08/08/16 18:24	RRS	TAL BUF

Client Sample ID: 819018SS036000XX Lab Sample ID: 480-103449-36

Date Collected: 07/19/16 10:00

Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			313371	07/28/16 10:07	JLS	TAL BUF
TCLP	Analysis	8260C		10	314890	08/08/16 18:48	RRS	TAL BUF

TestAmerica Buffalo

Matrix: Solid

Matrix: Solid

Lab Sample ID: 480-103449-37

Client: New York State D.E.C.

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018SS037000XX

Date Collected: 07/19/16 08:55 **Matrix: Solid**

Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			313371	07/28/16 10:07	JLS	TAL BUF
TCLP	Analysis	8260C		10	314890	08/08/16 19:11	RRS	TAL BUF

Client Sample ID: 819018SS038000XX

Lab Sample ID: 480-103449-38

Date Collected: 07/19/16 09:00 **Matrix: Solid**

Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			313371	07/28/16 10:07	JLS	TAL BUF
TCLP	Analysis	8260C		10	314890	08/08/16 19:35	RRS	TAL BUF

Client Sample ID: 819018SS039000XX Lab Sample ID: 480-103449-39

Date Collected: 07/20/16 10:00 **Matrix: Solid**

Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	312374	07/22/16 02:34	CSW	TAL BUF

Client Sample ID: 819018SS039000XX Lab Sample ID: 480-103449-39

Date Collected: 07/20/16 10:00 Date Received: 07/21/16 09:30

Analysis

8082A

Total/NA

Batch Batch Dilution Batch Prepared **Prep Type** Type Method Run Factor Number or Analyzed Analyst Lab Total/NA Prep 3550C 312390 07/22/16 07:33 RJS TAL BUF

Client Sample ID: 819018SS040000XX Lab Sample ID: 480-103449-40

312544 07/23/16 03:30 JMO

Date Collected: 07/20/16 10:05 Matrix: Solid Date Received: 07/21/16 09:30

Batch Batch Dilution Batch **Prepared** Method Factor Number or Analyzed Analyst Prep Type Type Run Lab 312374 07/22/16 02:34 CSW TAL BUF Total/NA Analysis Moisture

Client Sample ID: 819018SS040000XX Lab Sample ID: 480-103449-40

Date Collected: 07/20/16 10:05 **Matrix: Solid** Date Received: 07/21/16 09:30 Percent Solids: 87.5

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			312390	07/22/16 07:33	RJS	TAL BUF
Total/NA	Analysis	8082A		1	312544	07/23/16 03:46	JMO	TAL BUF

TestAmerica Buffalo

Matrix: Solid

Percent Solids: 77.7

TAL BUF

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018SS041000XX

Client Sample ID: 819018SS041000XX

Lab Sample ID: 480-103449-41 Date Collected: 07/20/16 10:10 **Matrix: Solid**

Date Received: 07/21/16 09:30

Dilution Batch Batch **Batch Prepared** Prep Type Type Method Run **Factor** Number or Analyzed Analyst Total/NA Analysis Moisture 312374 07/22/16 02:34 CSW TAL BUF

Lab Sample ID: 480-103449-41

Date Collected: 07/20/16 10:10 **Matrix: Solid** Date Received: 07/21/16 09:30

Percent Solids: 84.4

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			312390	07/22/16 07:33	RJS	TAL BUF
Total/NA	Analysis	8082A		1	312544	07/23/16 04:02	JMO	TAL BUF

Client Sample ID: 819018SS042000XX Lab Sample ID: 480-103449-42

Date Collected: 07/20/16 10:15 **Matrix: Solid**

Date Received: 07/21/16 09:30

Batch Batch Dilution Batch **Prepared** Method Run Factor Number or Analyzed **Prep Type** Type Analyst Lab TAL BUF 312374 07/22/16 02:34 CSW Total/NA Moisture Analysis

Client Sample ID: 819018SS042000XX Lab Sample ID: 480-103449-42

Date Collected: 07/20/16 10:15 **Matrix: Solid** Date Received: 07/21/16 09:30 Percent Solids: 89.4

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			312390	07/22/16 07:33	RJS	TAL BUF
Total/NA	Analysis	8082A		1	312544	07/23/16 04:18	JMO	TAL BUF

Client Sample ID: 819018SS043000XX Lab Sample ID: 480-103449-43

Date Collected: 07/20/16 10:20 Matrix: Solid

Date Received: 07/21/16 09:30

Total/NA

8082A

Analysis

	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	Moisture			312374	07/22/16 02:34	CSW	TAL BUF	

Client Sample ID: 819018SS043000XX Lab Sample ID: 480-103449-43

Date Collected: 07/20/16 10:20 Matrix: Solid Date Received: 07/21/16 09:30 Percent Solids: 57.7

2

312544 07/23/16 04:34 JMO

Batch Batch Dilution Batch **Prepared Prep Type** Method **Factor** Number Type Run or Analyzed Analyst Lab Total/NA 3550C 312390 RJS TAL BUF Prep 07/22/16 07:33

TAL BUF

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018SS044000XX

Lab Sample ID: 480-103449-44 Date Collected: 07/20/16 10:25 **Matrix: Solid**

Date Received: 07/21/16 09:30

Batch Batch Dilution Batch **Prepared Prep Type** Type Method Run Factor Number or Analyzed Analyst 312374 07/22/16 02:34 CSW Total/NA Analysis Moisture TAL BUF

Client Sample ID: 819018SS044000XX Lab Sample ID: 480-103449-44

Date Received: 07/21/16 09:30

Date Collected: 07/20/16 10:25 Matrix: Solid Percent Solids: 81.6

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			312390	07/22/16 07:33	RJS	TAL BUF
Total/NA	Analysis	8082A		1	312544	07/23/16 04:49	JMO	TAL BUF

Client Sample ID: 819018SS045000XX Lab Sample ID: 480-103449-45

Date Collected: 07/20/16 10:30

Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture			312374	07/22/16 02:34	CSW	TAL BUF

Client Sample ID: 819018SS045000XX Lab Sample ID: 480-103449-45

Date Collected: 07/20/16 10:30 **Matrix: Solid** Date Received: 07/21/16 09:30 Percent Solids: 92.8

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			312390	07/22/16 07:33	RJS	TAL BUF
Total/NA	Analysis	8082A		10	312544	07/23/16 05:06	JMO	TAL BUF

Client Sample ID: 819018WC001000XX Lab Sample ID: 480-103449-46

Date Collected: 07/20/16 08:40 **Matrix: Solid** Date Received: 07/21/16 09:30

_	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	3510C			312924	07/26/16 10:16	ARS	TAL BUF
TCLP	Analysis	8270D		1	313093	07/27/16 11:23	LMW	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	3510C			312926	07/26/16 10:26	CPH	TAL BUF
TCLP	Analysis	8081B		1	313156	07/27/16 12:28	MAN	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	8151A			312921	07/26/16 10:05	CPH	TAL BUF
TCLP	Analysis	8151		1	313259	07/27/16 21:20	JMO	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	3010A			312936	07/26/16 12:05	BAE	TAL BUF
TCLP	Analysis	6010C		1	313342	07/27/16 20:21	TRB	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF

TestAmerica Buffalo

Matrix: Solid

2

Client: New York State D.E.C.

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018WC001000XX

Lab Sample ID: 480-103449-46

Matrix: Solid

Date Collected: 07/20/16 08:40 Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Prep	7470A			312949	07/26/16 12:10	JRK	TAL BUF
TCLP	Analysis	7470A		1	313075	07/26/16 15:08	JRK	TAL BUF
Total/NA	Analysis	1030		1	383661	08/08/16 11:30	YAH	TAL EDI
Total/NA	Prep	7.3.3			312915	07/26/16 02:40	LAW	TAL BUF
Total/NA	Analysis	9012		1	313014	07/26/16 12:15	LAW	TAL BUF
Total/NA	Prep	7.3.4			312920	07/26/16 02:40	LAW	TAL BUF
Total/NA	Analysis	9034		1	313016	07/26/16 14:15	LAW	TAL BUF
Total/NA	Analysis	9045D		1	312647	07/24/16 08:30	MDL	TAL BUF
Total/NA	Analysis	Moisture		1	312374	07/22/16 02:34	CSW	TAL BUF

Date Collected: 07/20/16 08:40

Date Received: 07/21/16 09:30

Matrix: Solid
Percent Solids: 85.0

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			312392	07/22/16 07:39	RJS	TAL BUF
Total/NA	Analysis	8082A		5	312544	07/22/16 20:51	JMO	TAL BUF

Date Collected: 07/20/16 09:00 Matrix: Solid
Date Received: 07/21/16 09:30

Dran Turna	Batch	Batch Method	Dun	Dilution Factor	Batch Number	Prepared	Amelyet	l ab
Prep Type TCLP	Type Leach	1311	Run		312706	or Analyzed 07/25/16 08:51	Analyst JLS	TAL BUF
TCLP	Prep	3510C				07/26/16 10:16		TAL BUF
TCLP	Analysis	8270D		1	313093			TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	3510C			312926	07/26/16 10:26	CPH	TAL BUF
TCLP	Analysis	8081B		1	313156	07/27/16 12:48	MAN	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	8151A			312921	07/26/16 10:05	CPH	TAL BUF
TCLP	Analysis	8151		1	313259	07/27/16 21:49	JMO	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	3010A			312936	07/26/16 12:05	BAE	TAL BUF
TCLP	Analysis	6010C		1	313342	07/27/16 20:25	TRB	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	7470A			312949	07/26/16 12:10	JRK	TAL BUF
TCLP	Analysis	7470A		1	313075	07/26/16 15:10	JRK	TAL BUF
Total/NA	Analysis	1030		1	382313	08/01/16 10:15	YAH	TAL EDI
Total/NA	Prep	7.3.3			312915	07/26/16 02:40	LAW	TAL BUF
Total/NA	Analysis	9012		1	313014	07/26/16 12:15	LAW	TAL BUF
Total/NA	Prep	7.3.4			312920	07/26/16 02:40	LAW	TAL BUF
Total/NA	Analysis	9034		1	313016	07/26/16 14:15	LAW	TAL BUF

Lab Chronicle

Client: New York State D.E.C.

Total/NA

Total/NA

Total/NA

Analysis

Analysis

Analysis

9034

9045D

Moisture

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018WC02A000XX

TestAmerica Job ID: 480-103449-1

Lab Sample ID: 480-103449-47

Date Collected: 07/20/16 09:00 **Matrix: Solid** Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	9045D		1	312647	07/24/16 08:30	MDL	TAL BUF	
Total/NA	Analysis	Moisture		1	312374	07/22/16 02:34	CSW	TAL BUF	

Client Sample ID: 819018WC02A000XX Lab Sample ID: 480-103449-47

Date Collected: 07/20/16 09:00 **Matrix: Solid** Date Received: 07/21/16 09:30 Percent Solids: 90.3

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			312392	07/22/16 07:39	RJS	TAL BUF
Total/NA	Analysis	8082A		10	312544	07/22/16 21:07	JMO	TAL BUF

Lab Sample ID: 480-103449-48 Client Sample ID: 819018WC02B000XX

Date Collected: 07/20/16 09:05 **Matrix: Solid** Date Received: 07/21/16 09:30

Dilution Batch Batch Batch **Prepared Prep Type** Type Method Run **Factor** Number or Analyzed Analyst Lab TCLP Leach 1311 312706 07/25/16 08:51 JLS TAL BUF **TCLP** Prep 3510C 312924 07/26/16 10:16 ARS TAL BUF **TCLP** Analysis 8270D 1 313093 07/27/16 12:16 LMW TAL BUF **TCLP** TAL BUF Leach 1311 312706 07/25/16 08:51 JLS **TCLP** Prep 3510C 312926 07/26/16 10:26 CPH TAL BUF **TCLP** Analysis 8081B 1 313156 07/27/16 13:07 MAN TAL BUF **TCLP** Leach 1311 312706 07/25/16 08:51 JLS TAL BUF **TCLP** Prep 8151A 312921 07/26/16 10:05 CPH TAL BUF **TCLP** Analysis 8151 1 313259 07/27/16 22:19 JMO TAL BUF **TCLP** Leach 1311 312706 07/25/16 08:51 JLS TAL BUF **TCLP** Prep 3010A 312936 07/26/16 12:05 BAE TAL BUF **TCLP** Analysis 6010C 1 313342 07/27/16 20:29 TRB TAL BUF **TCLP** Leach 1311 312706 07/25/16 08:51 JLS TAL BUF **TCLP** 7470A 312949 07/26/16 12:10 JRK TAL BUF Prep **TCLP** Analysis 7470A 1 313075 07/26/16 15:15 JRK TAL BUF Total/NA 1030 Analysis 1 382313 08/01/16 10:15 YAH TAL EDI Total/NA Prep 7.3.3 312915 07/26/16 02:40 LAW TAL BUF Total/NA Analysis 9012 313014 07/26/16 12:15 LAW TAL BUF 1 Total/NA 7.3.4 312920 07/26/16 02:40 LAW TAL BUF Prep

TAL BUF

TAL BUF

TAL BUF

1

1

1

313016 07/26/16 14:15 LAW

312647 07/24/16 08:30 MDL

312374 07/22/16 02:34 CSW

Lab Sample ID: 480-103449-48

Client: New York State D.E.C.

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018WC02B000XX

Date Collected: 07/20/16 09:05

Matrix: Solid Date Received: 07/21/16 09:30 Percent Solids: 86.9

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			312392	07/22/16 07:39	RJS	TAL BUF
Total/NA	Analysis	8082A		2	312544	07/22/16 21:23	JMO	TAL BUF

Date Received: 07/21/16 09:30

Total/NA	Analysis	8082A	2	312544	07/22/16 21:23 JMO	TAL BUF
Client Samp	ole ID: 8190	018WC003000XX			Lab Sa	mple ID: 480-103449-49
Date Collected	d: 07/19/16 1	6:25				Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311	— Kuii		312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	3510C			312924			TAL BUF
TCLP	Analysis	8270D		1	313093	07/27/16 12:42	LMW	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	3510C			312926	07/26/16 10:26	CPH	TAL BUF
TCLP	Analysis	8081B		1	313156	07/27/16 13:27	MAN	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	8151A			312921	07/26/16 10:05	CPH	TAL BUF
TCLP	Analysis	8151		1	313259	07/27/16 22:49	JMO	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	3010A			312936	07/26/16 12:05	BAE	TAL BUF
TCLP	Analysis	6010C		1	313342	07/27/16 20:43	TRB	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	7470A			312949	07/26/16 12:10	JRK	TAL BUF
TCLP	Analysis	7470A		1	313075	07/26/16 15:17	JRK	TAL BUF
Total/NA	Analysis	1030		1	382313	08/01/16 10:15	YAH	TAL EDI
Total/NA	Prep	7.3.3			312915	07/26/16 02:40	LAW	TAL BUF
Total/NA	Analysis	9012		1	313014	07/26/16 12:15	LAW	TAL BUF
Total/NA	Prep	7.3.4			312920	07/26/16 02:40	LAW	TAL BUF
Total/NA	Analysis	9034		1	313016	07/26/16 14:15	LAW	TAL BUF
Total/NA	Analysis	9045D		1	312647	07/24/16 08:30	MDL	TAL BUF
Total/NA	Analysis	Moisture		1	312374	07/22/16 02:34	CSW	TAL BUF

Total/NA Analysis Moisture	1 312374 07/22/16 02:34 CSW TAL BUF
Client Sample ID: 819018WC003000XX	Lab Sample ID: 480-103449-49
Date Collected: 07/19/16 16:25	Matrix: Solid
Date Received: 07/21/16 09:30	Percent Solids: 87.1

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			312392	07/22/16 07:39	RJS	TAL BUF
Total/NA	Analysis	8082A		10	312544	07/22/16 21:39	JMO	TAL BUF

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Matrix: Solid

Client: New York State D.E.C.

Project/Site: Batavia Iron & Metal #819018

Lab Sample ID: 480-103449-50

Client Sample ID: 819018WC004000XX

Date Collected: 07/19/16 17:00 Date Received: 07/21/16 09:30

Dilution Batch **Batch** Batch **Prepared Prep Type** Type Method Run **Factor** Number or Analyzed Analyst Lab TCLP Leach 1311 312774 07/25/16 12:44 JLS TAL BUF **TCLP** 3510C Prep 312924 07/26/16 10:16 ARS TAL BUF **TCLP** Analysis 8270D 313093 07/27/16 13:08 LMW TAL BUF

TCLP Leach 1311 312774 07/25/16 12:44 JLS TAL BUF **TCLP** Prep 3510C 312926 07/26/16 10:26 CPH TAL BUF **TCLP** 8081B Analysis 1 313156 07/27/16 13:47 MAN TAL BUF **TCLP** Leach 1311 312774 07/25/16 12:44 JLS TAL BUF **TCLP** Prep 312921 07/26/16 10:05 CPH TAL BUF 8151A **TCLP** Analysis 8151 1 313259 07/27/16 23:49 JMO TAL BUF **TCLP** Leach 1311 312774 07/25/16 12:44 JLS TAL BUF **TCLP** Prep 3010A 312945 07/26/16 12:05 BAE TAL BUF **TCLP** Analysis 6010C 313342 07/27/16 19:38 TRB TAL BUF 1 **TCLP** Leach 1311 312774 07/25/16 12:44 JLS TAL BUF **TCLP** Prep 7470A 312948 07/26/16 11:20 JRK TAL BUF **TCLP** 7470A 1 313075 07/26/16 14:55 JRK TAL BUF Analysis Total/NA Analysis 1030 1 382313 08/01/16 10:15 YAH TAL EDI Total/NA Prep 7.3.3 312915 07/26/16 02:40 LAW TAL BUF Total/NA 9012 Analysis 313014 07/26/16 12:15 LAW TAL BUF 1 Total/NA Prep 7.3.4 312920 07/26/16 02:40 LAW TAL BUF Total/NA 9034 313016 07/26/16 14:15 LAW TAL BUF Analysis 1 Total/NA Analysis 9045D 312647 07/24/16 08:30 MDL TAL BUF Total/NA Analysis Moisture 1 312374 07/22/16 02:34 CSW TAL BUF

Client Sample ID: 819018WC004000XX Lab Sample ID: 480-103449-50

Date Collected: 07/19/16 17:00 **Matrix: Solid** Date Received: 07/21/16 09:30 Percent Solids: 95.0

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			312392	07/22/16 07:39	RJS	TAL BUF
Total/NA	Analysis	8082A		1	312544	07/22/16 21:55	JMO	TAL BUF

Client Sample ID: 819018WC005000XX

Lab Sample ID: 480-103449-51 Date Collected: 07/19/16 15:35 **Matrix: Solid** Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	3510C			312924	07/26/16 10:16	ARS	TAL BUF
TCLP	Analysis	8270D		1	313093	07/27/16 13:34	LMW	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	3510C			312926	07/26/16 10:26	CPH	TAL BUF
TCLP	Analysis	8081B		1	313156	07/27/16 14:06	MAN	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	8151A			312921	07/26/16 10:05	CPH	TAL BUF

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Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018WC005000XX

Lab Sample ID: 480-103449-51

Matrix: Solid

Date Collected: 07/19/16 15:35 Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Analysis	8151		1	313259	07/28/16 00:19	JMO	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	3010A			312936	07/26/16 12:05	BAE	TAL BUF
TCLP	Analysis	6010C		1	313342	07/27/16 20:47	TRB	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	7470A			312949	07/26/16 12:10	JRK	TAL BUF
TCLP	Analysis	7470A		1	313075	07/26/16 15:19	JRK	TAL BUF
Total/NA	Analysis	1030		1	382313	08/01/16 10:15	YAH	TAL EDI
Total/NA	Prep	7.3.3			312915	07/26/16 02:40	LAW	TAL BUF
Total/NA	Analysis	9012		1	313014	07/26/16 12:15	LAW	TAL BUF
Total/NA	Prep	7.3.4			312920	07/26/16 02:40	LAW	TAL BUF
Total/NA	Analysis	9034		1	313016	07/26/16 14:15	LAW	TAL BUF
Total/NA	Analysis	9045D		1	312647	07/24/16 08:30	MDL	TAL BUF
Total/NA	Analysis	Moisture		1	312374	07/22/16 02:34	CSW	TAL BUF

Client Sample ID: 819018WC005000XX

Date Collected: 07/19/16 15:35 Date Received: 07/21/16 09:30

Lab Sample ID: 480-103449-51 **Matrix: Solid** Percent Solids: 86.3

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			312392	07/22/16 07:39	RJS	TAL BUF
Total/NA	Analysis	8082A		10	312544	07/22/16 22:11	JMO	TAL BUF

Client Sample ID: 819018WC006000XX

Date Collected: 07/19/16 12:55

Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUI
TCLP	Prep	3510C			312924	07/26/16 10:16	ARS	TAL BUI
TCLP	Analysis	8270D		1	313093	07/27/16 14:01	LMW	TAL BUI
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUI
TCLP	Prep	3510C			312926	07/26/16 10:26	CPH	TAL BUI
TCLP	Analysis	8081B		1	313156	07/27/16 14:26	MAN	TAL BUI
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BU
TCLP	Prep	8151A			312921	07/26/16 10:05	CPH	TAL BU
TCLP	Analysis	8151		1	313259	07/28/16 00:49	JMO	TAL BU
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BU
TCLP	Prep	3010A			312936	07/26/16 12:05	BAE	TAL BUI
TCLP	Analysis	6010C		1	313342	07/27/16 21:06	TRB	TAL BU
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BU
TCLP	Prep	7470A			312949	07/26/16 12:10	JRK	TAL BU
TCLP	Analysis	7470A		1	313075	07/26/16 15:27	JRK	TAL BU
Total/NA	Analysis	1030		1	382313	08/01/16 10:15	YAH	TAL ED

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Lab Sample ID: 480-103449-52 **Matrix: Solid**

Lab Chronicle

Client: New York State D.E.C.

Project/Site: Batavia Iron & Metal #819018

TestAmerica Job ID: 480-103449-1

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	7.3.3			312915	07/26/16 02:40	LAW	TAL BUF
Total/NA	Analysis	9012		1	313014	07/26/16 12:15	LAW	TAL BUF
Total/NA	Prep	7.3.4			312920	07/26/16 02:40	LAW	TAL BUF
Total/NA	Analysis	9034		1	313016	07/26/16 14:15	LAW	TAL BUF
Total/NA	Analysis	9045D		1	312647	07/24/16 08:30	MDL	TAL BUF
Total/NA	Analysis	Moisture		1	312374	07/22/16 02:34	CSW	TAL BUF

Client Sample ID: 819018WC006000XX

Date Collected: 07/19/16 12:55

Date Received: 07/21/16 09:30

Lab Sample ID	: 480-103449-52
	Matrix: Solid

Lab Sample ID: 480-103449-53

Percent Solids: 79.7

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			312392	07/22/16 07:39	RJS	TAL BUF
Total/NA	Analysis	8082A		2	312544	07/22/16 22:27	JMO	TAL BUF

Client Sample ID: 819018WC07A000XX

Batch

Date Collected: 07/19/16 13:45

Total/NA

Date Received: 07/21/16 09:30

Batch

Analysis

Moisture

						Matrix: Sol
	Dilution	Batch	Prepared			
Run	Factor	Number	or Analyzed	Analyst	Lab	
		312706	07/25/16 08:51	JLS	TAL BUF	
		312924	07/26/16 10:16	ARS	TAL BUF	
	1	313093	07/27/16 14:27	LMW	TAL BUF	
		312706	07/25/16 08:51	JLS	TAL BUF	

312374 07/22/16 02:34 CSW

TAL BUF

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10

4 4

1

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018WC07A000XX

Date Collected: 07/19/16 13:45

Date Received: 07/21/16 09:30

Lab Sample ID: 480-103449-53

Matrix: Solid Percent Solids: 91.1

Batch Batch Dilution Batch **Prepared Prep Type** Туре Method Run **Factor** Number or Analyzed Analyst Lab TAL BUF Total/NA Prep 3550C 312392 07/22/16 07:39 RJS Total/NA Analysis 8082A 5 312544 07/22/16 22:43 JMO TAL BUF

Client Sample ID: 819018WC07B000XX

Date Collected: 07/19/16 13:50

Lab Sample ID: 480-103449-54

Matrix: Solid

Date Received: 07/21/16 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	3510C			312924	07/26/16 10:16	ARS	TAL BUF
TCLP	Analysis	8270D		1	313093	07/27/16 14:53	LMW	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	3510C			312926	07/26/16 10:26	CPH	TAL BUF
TCLP	Analysis	8081B		1	313156	07/27/16 15:05	MAN	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	8151A			312921	07/26/16 10:05	CPH	TAL BUF
TCLP	Analysis	8151		1	313259	07/28/16 01:49	JMO	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	3010A			312936	07/26/16 12:05	BAE	TAL BUF
TCLP	Analysis	6010C		1	313342	07/27/16 21:13	TRB	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	7470A			312949	07/26/16 12:10	JRK	TAL BUF
TCLP	Analysis	7470A		1	313075	07/26/16 15:30	JRK	TAL BUF
Total/NA	Analysis	1030		1	382313	08/01/16 10:15	YAH	TAL EDI
Total/NA	Prep	7.3.3			312915	07/26/16 02:40	LAW	TAL BUF
Total/NA	Analysis	9012		1	313014	07/26/16 12:15	LAW	TAL BUF
Total/NA	Prep	7.3.4			312920	07/26/16 02:40	LAW	TAL BUF
Total/NA	Analysis	9034		1	313016	07/26/16 14:15	LAW	TAL BUF
Total/NA	Analysis	9045D		1	312647	07/24/16 08:30	MDL	TAL BUF
Total/NA	Analysis	Moisture		1	312374	07/22/16 02:34	CSW	TAL BUF

Client Sample ID: 819018WC07B000XX

Batch

Batch

Date Collected: 07/19/16 13:50

Date Received: 07/21/16 09:30

Lab Sample ID: 480-103449-54

Matrix: Solid Percent Solids: 84.8

Prep Type Type Method Run **Factor** Number or Analyzed Analyst Lab Total/NA Prep 3550C 312392 07/22/16 07:39 RJS TAL BUF Total/NA 8082A 5 312544 07/22/16 22:59 JMO TAL BUF Analysis

Dilution

Batch

Prepared

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018WC008000XX

Lab Sample ID: 480-103449-55

Matrix: Solid

Date Collected: 07/19/16 14:40 Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	3510C			312924	07/26/16 10:16	ARS	TAL BUF
TCLP	Analysis	8270D		1	313093	07/27/16 15:19	LMW	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	3510C			312926	07/26/16 10:26	CPH	TAL BUF
TCLP	Analysis	8081B		1	313156	07/27/16 15:25	MAN	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	8151A			312921	07/26/16 10:05	CPH	TAL BUF
TCLP	Analysis	8151		1	313259	07/28/16 02:18	JMO	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	3010A			312936	07/26/16 12:05	BAE	TAL BUF
TCLP	Analysis	6010C		1	313342	07/27/16 21:28	TRB	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	7470A			312949	07/26/16 12:10	JRK	TAL BUF
TCLP	Analysis	7470A		1	313075	07/26/16 15:32	JRK	TAL BUF
Total/NA	Analysis	1030		1	382313	08/01/16 10:15	YAH	TAL EDI
Total/NA	Prep	7.3.3			312915	07/26/16 02:40	LAW	TAL BUF
Total/NA	Analysis	9012		1	313014	07/26/16 12:15	LAW	TAL BUF
Total/NA	Prep	7.3.4			312920	07/26/16 02:40	LAW	TAL BUF
Total/NA	Analysis	9034		1	313016	07/26/16 14:15	LAW	TAL BUF
Total/NA	Analysis	9045D		1	312647	07/24/16 08:30	MDL	TAL BUF
Total/NA	Analysis	Moisture		1	312374	07/22/16 02:34	CSW	TAL BUF

Client Sample ID: 819018WC008000XX Lab Sample ID: 480-103449-55

Date Collected: 07/19/16 14:40 Date Received: 07/21/16 09:30

Matrix: Solid Percent Solids: 96.0

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			312392	07/22/16 07:39	RJS	TAL BUF
Total/NA	Analysis	8082A		5	312544	07/22/16 23:15	JMO	TAL BUF

Client Sample ID: 819018WC009000XX

Lab Sample ID: 480-103449-56

Date Collected: 07/19/16 11:55 **Matrix: Solid** Date Received: 07/21/16 09:30

Dilution Batch Batch Batch Prepared **Prep Type** Type Method Run Factor Number or Analyzed Analyst Lab TCLP Leach 1311 312706 07/25/16 08:51 JLS TAL BUF TOLD

TCLP	Prep	8151A		312921	07/26/16 10:05	CPH	TAL BUF
TCLP	Leach	1311		312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Analysis	8081B	1	313156	07/27/16 15:44	MAN	TAL BUF
TCLP	Prep	3510C		312926	07/26/16 10:26	CPH	TAL BUF
TCLP	Leach	1311		312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Analysis	8270D	1	313093	07/27/16 15:45	LMW	TAL BUF
TCLP	Prep	3510C		312924	07/26/16 10:16	ARS	I AL BUF

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Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018WC009000XX

Lab Sample ID: 480-103449-56

Matrix: Solid

Date Collected: 07/19/16 11:55 Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Analysis	8151		1	313259	07/28/16 02:48	JMO	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	3010A			312936	07/26/16 12:05	BAE	TAL BUF
TCLP	Analysis	6010C		1	313342	07/27/16 21:32	TRB	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	7470A			312949	07/26/16 12:10	JRK	TAL BUF
TCLP	Analysis	7470A		1	313075	07/26/16 15:38	JRK	TAL BUF
Total/NA	Analysis	1030		1	382313	08/01/16 10:15	YAH	TAL EDI
Total/NA	Prep	7.3.3			312915	07/26/16 02:40	LAW	TAL BUF
Total/NA	Analysis	9012		1	313014	07/26/16 12:15	LAW	TAL BUF
Total/NA	Prep	7.3.4			312920	07/26/16 02:40	LAW	TAL BUF
Total/NA	Analysis	9034		1	313016	07/26/16 14:15	LAW	TAL BUF
Total/NA	Analysis	9045D		1	312647	07/24/16 08:30	MDL	TAL BUF
Total/NA	Analysis	Moisture		1	312374	07/22/16 02:34	CSW	TAL BUF

Client Sample ID: 819018WC009000XX

Date Collected: 07/19/16 11:55 Date Received: 07/21/16 09:30

Lab Sample ID: 480-103449-56 **Matrix: Solid**

Lab Sample ID: 480-103449-57

Percent Solids: 86.2

Matrix: Solid

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			312392	07/22/16 07:39	RJS	TAL BUF
Total/NA	Analysis	8082A		5	312544	07/22/16 23:31	JMO	TAL BUF

Client Sample ID: 819018WC010000XX

Date Collected: 07/19/16 11:20

Date Received: 07/21/16 09:30

Γ	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	3510C			312924	07/26/16 10:16	ARS	TAL BUF
TCLP	Analysis	8270D		1	313093	07/27/16 16:11	LMW	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	3510C			312926	07/26/16 10:26	CPH	TAL BUF
TCLP	Analysis	8081B		1	313156	07/27/16 16:04	MAN	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	8151A			312921	07/26/16 10:05	CPH	TAL BUF
TCLP	Analysis	8151		1	313259	07/28/16 03:18	JMO	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	3010A			312936	07/26/16 12:05	BAE	TAL BUF
TCLP	Analysis	6010C		1	313342	07/27/16 21:35	TRB	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	7470A			312949	07/26/16 12:10	JRK	TAL BUF
TCLP	Analysis	7470A		1	313075	07/26/16 15:40	JRK	TAL BUF
Total/NA	Analysis	1030		1	382313	08/01/16 10:15	YAH	TAL EDI

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Lab Chronicle

Client: New York State D.E.C.

Project/Site: Batavia Iron & Metal #819018

TestAmerica Job ID: 480-103449-1

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	7.3.3			313292	07/28/16 02:45	LAW	TAL BUF
Total/NA	Analysis	9012		1	313404	07/28/16 10:54	LAW	TAL BUF
Total/NA	Prep	7.3.4			313293	07/28/16 02:45	LAW	TAL BUF
Total/NA	Analysis	9034		1	313433	07/28/16 11:45	LAW	TAL BUF
Total/NA	Analysis	9045D		1	312647	07/24/16 08:30	MDL	TAL BUF
Total/NA	Analysis	Moisture		1	312374	07/22/16 02:34	CSW	TAL BUF

Client Sample ID: 819018WC010000XX

Date Collected: 07/19/16 11:20

Date Received: 07/21/16 09:30

.ab	Sample	ID:	480-103449-57	
			Matrix: Solid	

Lab Sample ID: 480-103449-58

Percent Solids: 90.0

Matrix: Solid

_	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			312392	07/22/16 07:39	RJS	TAL BUF
Total/NA	Analysis	8082A		5	312544	07/22/16 23:47	JMO	TAL BUF

Client Sample ID: 819018WC11A000XX

Date Collected: 07/19/16 10:05

Date Received: 07/21/16 09:30

Date Receive	d: 07/21/16 0	9:30						
	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	3510C			312924	07/26/16 10:16	ARS	TAL BUF
TCLP	Analysis	8270D		1	313093	07/27/16 16:37	LMW	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	3510C			312926	07/26/16 10:26	CPH	TAL BUF
TCLP	Analysis	8081B		1	313156	07/27/16 16:24	MAN	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	8151A			312921	07/26/16 10:05	CPH	TAL BUF
TCLP	Analysis	8151		1	313259	07/28/16 03:48	JMO	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	3010A			312936	07/26/16 12:05	BAE	TAL BUF
TCLP	Analysis	6010C		1	313342	07/27/16 21:39	TRB	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	7470A			312949	07/26/16 12:10	JRK	TAL BUF
TCLP	Analysis	7470A		1	313075	07/26/16 15:42	JRK	TAL BUF
Total/NA	Analysis	1030		1	382313	08/01/16 10:15	YAH	TAL EDI
Total/NA	Prep	7.3.3			313292	07/28/16 02:45	LAW	TAL BUF
Total/NA	Analysis	9012		1	313404	07/28/16 10:54	LAW	TAL BUF
Total/NA	Prep	7.3.4			313293	07/28/16 02:45	LAW	TAL BUF
Total/NA	Analysis	9034		1	313433	07/28/16 11:45	LAW	TAL BUF
Total/NA	Analysis	9045D		1	312647	07/24/16 08:30	MDL	TAL BUF
Total/NA	Analysis	Moisture		1	312374	07/22/16 02:34	CSW	TAL BUF
_								

Date Collected: 07/19/16 10:05

Date Received: 07/21/16 09:30

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018WC11A000XX

Lab Sample ID: 480-103449-58

Matrix: Solid

Percent Solids: 84.0

Prepared Batch Batch Dilution Batch **Prep Type** Туре Method Run **Factor** Number or Analyzed Analyst Lab 3550C Total/NA Prep 312392 07/22/16 07:39 RJS TAL BUF Total/NA Analysis 8082A 5 312544 07/23/16 00:03 JMO TAL BUF

Client Sample ID: 819018WC11B000XX

Lab Sample ID: 480-103449-59

Matrix: Solid

Date Collected: 07/19/16 10:01 Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	3510C			312924	07/26/16 10:16	ARS	TAL BUF
TCLP	Analysis	8270D		1	313093	07/27/16 17:03	LMW	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	3510C			312926	07/26/16 10:26	CPH	TAL BUF
TCLP	Analysis	8081B		1	313156	07/27/16 16:43	MAN	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	8151A			312921	07/26/16 10:05	CPH	TAL BUF
TCLP	Analysis	8151		1	313259	07/28/16 04:18	JMO	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	3010A			312936	07/26/16 12:05	BAE	TAL BUF
TCLP	Analysis	6010C		1	313342	07/27/16 21:43	TRB	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	7470A			312949	07/26/16 12:10	JRK	TAL BUF
TCLP	Analysis	7470A		1	313075	07/26/16 15:44	JRK	TAL BUF
Total/NA	Analysis	1030		1	382313	08/01/16 10:15	YAH	TAL EDI
Total/NA	Prep	7.3.3			313292	07/28/16 02:45	LAW	TAL BUF
Total/NA	Analysis	9012		1	313404	07/28/16 10:54	LAW	TAL BUF
Total/NA	Prep	7.3.4			313293	07/28/16 02:45	LAW	TAL BUF
Total/NA	Analysis	9034		1	313433	07/28/16 11:45	LAW	TAL BUF
Total/NA	Analysis	9045D		1	312647	07/24/16 08:30	MDL	TAL BUF
Total/NA	Analysis	Moisture		1	312374	07/22/16 02:34	CSW	TAL BUF

Client Sample ID: 819018WC11B000XX

Date Collected: 07/19/16 10:01

Date Received: 07/21/16 09:30

Lab Sample ID: 480-103449-59

Matrix: Solid

Percent Solids: 88.7

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			312392	07/22/16 07:39	RJS	TAL BUF
Total/NA	Analysis	8082A		10	312544	07/23/16 00:19	JMO	TAL BUF

Project/Site: Batavia Iron & Metal #819018

Client Sample ID: 819018WC012000XX

Lab Sample ID: 480-103449-60

Matrix: Solid

Date Collected: 07/19/16 09:05 Date Received: 07/21/16 09:30

-	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	3510C			312924	07/26/16 10:16	ARS	TAL BUF
TCLP	Analysis	8270D		1	313093	07/27/16 17:29	LMW	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	3510C			312926	07/26/16 10:26	CPH	TAL BUF
TCLP	Analysis	8081B		1	313156	07/27/16 17:03	MAN	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	8151A			312921	07/26/16 10:08	CPH	TAL BUF
TCLP	Analysis	8151		1	313259	07/28/16 05:18	JMO	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	3010A			312936	07/26/16 12:05	BAE	TAL BUF
TCLP	Analysis	6010C		1	313342	07/27/16 21:47	TRB	TAL BUF
TCLP	Leach	1311			312706	07/25/16 08:51	JLS	TAL BUF
TCLP	Prep	7470A			312949	07/26/16 12:10	JRK	TAL BUF
TCLP	Analysis	7470A		1	313075	07/26/16 15:45	JRK	TAL BUF
Total/NA	Analysis	1030		1	382313	08/01/16 10:15	YAH	TAL EDI
Total/NA	Prep	7.3.3			313292	07/28/16 02:45	LAW	TAL BUF
Total/NA	Analysis	9012		1	313404	07/28/16 10:54	LAW	TAL BUF
Total/NA	Prep	7.3.4			313293	07/28/16 02:45	LAW	TAL BUF
Total/NA	Analysis	9034		1	313433	07/28/16 11:45	LAW	TAL BUF
Total/NA	Analysis	9045D		1	312647	07/24/16 08:30	MDL	TAL BUF
Total/NA	Analysis	Moisture		1	312374	07/22/16 02:34	CSW	TAL BUF

Client Sample ID: 819018WC012000XX

Date Collected: 07/19/16 09:05

Date Received: 07/21/16 09:30

Lab Sample ID: 480-103449-60

Matrix: Solid

Percent Solids: 89.6

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			312392	07/22/16 07:39	RJS	TAL BUF
Total/NA	Analysis	8082A		10	312544	07/23/16 00:35	JMO	TAL BUF

Client Sample ID: TB-01

Date Collected: 07/20/16 12:00

Lab Sample ID: 480-103449-61

Matrix: Water

Date Received: 07/21/16 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C			312680	07/25/16 15:59	RRS	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600 TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Certification Summary

Client: New York State D.E.C.

Project/Site: Batavia Iron & Metal #819018

TestAmerica Job ID: 480-103449-1

Laboratory: TestAmerica Buffalo

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

uthority	Program		EPA Region	Certification ID	Expiration Date
ew York	NELAP		2	10026	03-31-17
The following analytes	s are included in this repo	rt, but certification is	not offered by the go	overning authority:	
Analysis Method	Prep Method	Matrix	Analyt	е	
7470A	7470A	Solid	Mercu	ry	
8082A	3550C	Solid	Polych	nlorinated biphenyls, To	otal
9012	7.3.3	Solid	Cyanic	de, Reactive	
9034	7.3.4	Solid	Sulfide	e, Reactive	
Moisture		Solid	Percer	nt Moisture	
Moisture		Solid	Percer	nt Solids	

Laboratory: TestAmerica EdisonAll certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Connecticut	State Program	1	PH-0200	09-30-16
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	N/A	12-31-16
New Jersey	NELAP	2	12028	06-30-17
New York	NELAP	2	11452	03-31-17
Pennsylvania	NELAP	3	68-00522	02-28-17
Rhode Island	State Program	1	LAO00132	12-30-16
USDA	Federal		NJCA-003-08	04-04-17

Method Summary

Client: New York State D.E.C.

Project/Site: Batavia Iron & Metal #819018

TestAmerica Job ID: 480-103449-1

/lethod	Method Description	Protocol	Laboratory
3260C	TCLP Volatiles	SW846	TAL BUF
260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
081B	Organochlorine Pesticides (GC)	SW846	TAL BUF
082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
151	TCLP Herbicides	SW846	TAL BUF
010C	Metals (ICP)	SW846	TAL BUF
170A	Mercury (CVAA)	SW846	TAL BUF
030	Ignitability, Solids	SW846	TAL EDI
012	Cyanide, Reactive	SW846	TAL BUF
034	Sulfide, Reactive	SW846	TAL BUF
045D	рН	SW846	TAL BUF
loisture	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

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

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Sample Summary

Client: New York State D.E.C.

Project/Site: Batavia Iron & Metal #819018

TestAmerica Job ID: 480-103449-1

Lab Sample ID	Client Sample ID	Matrix	Collected Received
480-103449-1	819018SS001000XX	Solid	07/20/16 08:30 07/21/16 09:3
480-103449-2	819018SS002000XX	Solid	07/20/16 08:35 07/21/16 09:3
480-103449-3	819018SS003000XX	Solid	07/20/16 08:45 07/21/16 09:3
480-103449-4	819018SS004000XX	Solid	07/20/16 09:10 07/21/16 09:3
480-103449-5	819018SS005000XX	Solid	07/20/16 09:15 07/21/16 09:3
480-103449-6	819018SS006000XX	Solid	07/20/16 09:20 07/21/16 09:3
480-103449-7	819018SS007000XX	Solid	07/20/16 09:25 07/21/16 09:3
480-103449-8	819018SS008000XX	Solid	07/20/16 09:30 07/21/16 09:3
480-103449-9	819018SS009000XX	Solid	07/20/16 09:35 07/21/16 09:3
480-103449-10	819018SS010000XX	Solid	07/19/16 16:05 07/21/16 09:3
480-103449-11	819018SS011000XX	Solid	07/19/16 16:10 07/21/16 09:3
480-103449-12	819018SS012000XX	Solid	07/19/16 16:15 07/21/16 09:3
480-103449-13	819018SS013000XX	Solid	07/19/16 16:20 07/21/16 09:3
480-103449-14	819018SS014000XX	Solid	07/19/16 16:50 07/21/16 09:3
480-103449-15	819018SS015000XX	Solid	07/19/16 16:55 07/21/16 09:3
480-103449-16	819018SS016000XX	Solid	07/19/16 15:25 07/21/16 09:3
480-103449-17	819018SS017000XX	Solid	07/19/16 15:30 07/21/16 09:3
480-103449-18	819018SS018000XX	Solid	07/19/16 12:50 07/21/16 09:3
480-103449-19	819018SS019000XX	Solid	07/19/16 13:20 07/21/16 09:3
480-103449-20	819018SS020000XX	Solid	07/19/16 13:25 07/21/16 09:3
480-103449-21	819018SS021000XX	Solid	07/19/16 13:30 07/21/16 09:3
480-103449-22	819018SS022000XX	Solid	07/19/16 13:35 07/21/16 09:3
480-103449-23	819018SS023000XX	Solid	07/19/16 13:40 07/21/16 09:3
480-103449-24	819018SS024000XX	Solid	07/19/16 14:30 07/21/16 09:3
480-103449-25	819018SS025000XX	Solid	07/19/16 14:35 07/21/16 09:3
480-103449-26	819018SS026000XX	Solid	07/19/16 11:40 07/21/16 09:3
480-103449-27	819018SS027000XX	Solid	07/19/16 11:45 07/21/16 09:3
480-103449-28	819018SS028000XX	Solid	07/19/16 11:50 07/21/16 09:3
480-103449-29	819018SS029000XX	Solid	07/19/16 11:05 07/21/16 09:3
480-103449-30	819018SS030000XX	Solid	07/19/16 11:10 07/21/16 09:3
480-103449-31	819018SS031000XX	Solid	07/19/16 11:15 07/21/16 09:3
480-103449-32	819018SS032000XX	Solid	07/19/16 09:40 07/21/16 09:3
480-103449-33	819018SS033000XX	Solid	07/19/16 09:45 07/21/16 09:3
480-103449-34	819018SS034000XX	Solid	07/19/16 09:50 07/21/16 09:3
480-103449-35	819018SS035000XX	Solid	07/19/16 09:55 07/21/16 09:3
480-103449-36	819018SS036000XX	Solid	07/19/16 10:00 07/21/16 09:3
480-103449-37	819018SS037000XX	Solid	07/19/16 08:55 07/21/16 09:3
480-103449-38	819018SS038000XX	Solid	07/19/16 09:00 07/21/16 09:3
480-103449-39	819018SS039000XX	Solid	07/20/16 10:00 07/21/16 09:3
480-103449-40	819018SS040000XX	Solid	07/20/16 10:05 07/21/16 09:3
480-103449-41	819018SS041000XX	Solid	07/20/16 10:03 07/21/16 09:3
480-103449-42	819018SS042000XX	Solid	07/20/16 10:15 07/21/16 09:3
	819018SS042000XX		
480-103449-43		Solid	07/20/16 10:20 07/21/16 09:3
480-103449-44	819018SS044000XX	Solid	07/20/16 10:25 07/21/16 09:3
480-103449-45	819018SS045000XX	Solid	07/20/16 10:30 07/21/16 09:3
480-103449-46	819018WC001000XX	Solid	07/20/16 08:40 07/21/16 09:3
480-103449-47	819018WC02A000XX	Solid	07/20/16 09:00 07/21/16 09:3
480-103449-48	819018WC02B000XX	Solid	07/20/16 09:05 07/21/16 09:3
480-103449-49	819018WC003000XX	Solid	07/19/16 16:25 07/21/16 09:3
480-103449-50	819018WC004000XX	Solid	07/19/16 17:00 07/21/16 09:3
480-103449-51	819018WC005000XX	Solid	07/19/16 15:35 07/21/16 09:3
480-103449-52	819018WC006000XX	Solid	07/19/16 12:55 07/21/16 09:3
480-103449-53	819018WC07A000XX	Solid	07/19/16 13:45 07/21/16 09:3

TestAmerica Buffalo

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Sample Summary

Client: New York State D.E.C.

Project/Site: Batavia Iron & Metal #819018

TestAmerica Job ID: 480-103449-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-103449-54	819018WC07B000XX	Solid	07/19/16 13:50	07/21/16 09:30
480-103449-55	819018WC008000XX	Solid	07/19/16 14:40	07/21/16 09:30
480-103449-56	819018WC009000XX	Solid	07/19/16 11:55	07/21/16 09:30
480-103449-57	819018WC010000XX	Solid	07/19/16 11:20	07/21/16 09:30
480-103449-58	819018WC11A000XX	Solid	07/19/16 10:05	07/21/16 09:30
480-103449-59	819018WC11B000XX	Solid	07/19/16 10:01	07/21/16 09:30
480-103449-60	819018WC012000XX	Solid	07/19/16 09:05	07/21/16 09:30
480-103449-61	TB-01	Water	07/20/16 12:00	07/21/16 09:30

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HANK SHIMACLE HANK LIVE HANK SHIMACLE HANK SHIMACLE HONGON NUMBER (1007-1878-1) 1007-1878-1 120 Con	Containers & Analysis (Attach list if Anal	295043 Page I of 4 Special Instructions/ Conditions of Receipt \$2.0.\tau container to be sampled for - 8082 A - 8081 & - 8270 D
Address State 20 00 00 20 00 00 20 00 00 20 00 00 20 00 00 20 00 00 20 00 00 20 00 00 20 00 00 20 00 20 00 00 20 0	207 915T. 3 0358 X A 390P, STOP, PEOP THINK INDT - 0501 A 390P, STOP, PEOP A 340P, STOP, PEOP A 1018, add 405445 A 10100, A 005445	
## Configures St. Code Configure Con	207 912T. 3 0318 ×	Special Instructions of Reconditions of Recond
Portland Sittle Zip Code Site Confect Lab Confect Paylant Land Lab Confect Dotton (Sitele) MAE O'4101 Date Daylant Land Lab Confect Dotton (Sitele) Date Time 表	A Shop, Stap, 450P	Special Instructions of Reconditions of Recond
Contract Name and Location (State)	300 9121. 3 0359 ×	itions of Residence of Residenc
ContractPurchase OrderGuote No. ContractPurchase OrderGuote No. ContractPurchase OrderGuote No. ContractPurchase OrderGuote No. Sample 1.D. No. and Description Containers for each sample may be combined on one line 81401855 001 000 XX 81401855 000 000 XX 8140185 000 000 XX 8140185 000 000 XX 81401855 000 000 XX 8140185 000 000 XX 81401	30 90 ENE 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	contains of Recontains
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81901855002000 xy \$37/20/16 0835 X 81901855002000 xy 11 0910 X 81901855004 000 xy 11 0910 X 81901855 004 000 xy 11 0910 11 81901855 005 000 xx 11 0910 11 81901855 005 005 000 xx 11 0910 11 81901855 005 005 005 005 xx 11 0910 11 81901855 005 005 005 005 xx 11 0910 11 81901855 005 005 005 xx 11 0910 11 81901855 005 005 005 005 xx 11 0910 11 81901855 005 005 005 005 005 xx 11 0910 11 81901855 005 005 005 xx 11 0910 11		Sempled 24
81401885 004 000 X X 11 0410 11 0410 X 814018 814018 85 006 000 X X 11 0410 11 0410 814018 85 006 000 X X 11 0410 11 0410 814018 85 006 000 X X 11 0410 11 0410 814018 85 006 000 X X 11 0410 11 0410 814018 85 006 000 X X 11 0410 11		- 8082A - 8031B - 8270D
81401855 004 000 X y 11 0910 X 81401855 004 000 X y 11 09720 1 817018 55 005 000 X X 11 09730 1 81901855 009 000 X X 11 09730 1 81901855 009 000 X X 11 09730 1 81901855 009 000 X X 03/19/16 1605 1 81901855 010 000 X X 03/19/16 1610		~ 3
819018 55 005 000 ×× 11 819018 55 004 000 ×× 11 819018 55 008 000 ×× 11 819018 55 009 000 ×× 11 819018 55 010 600 ×× 11		3
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81901855007 200 XX 11 819018 55 000 000 XX 11 819018 55 000 000 XX 11 819016 819018 55 010 000 XX 001110		U16.0
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03/19/10		Ontal Mer per
		each Jak
81901855012000X4 07/19/16 1615 1		JOC SCHIPLE
vin Intant	(A fee may be asses: Disposal By Lab	sed if sample
Actions 7 70000 140000 104000 104000	Specify)	
1 40 mils () bays () 4 bays (2) bays	salved By 11	
Vantanum 07/20/14 1730 07/20/11 1750	Modera	71/21/16 0H30
N	у байда байд	Time
3. Relinquished By 3. Received By	ceived By	Date Time
9 Comments	121 26 11 11 12 12)	- 0

480-103449 Chain of Custody

THE LEADER IN ENVIF

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Drinking Water? Yes□

Custody Record

Chain of

Temperature on Receipt __

Special Instructions/ Conditions of Receipt #1 4.2, 4.0, 3,8,44 TUP VOC contained 19116 GA30 one 408, Sample per each (A fee may be assessed if samples are retained Months tonger than 1 month) Time Chain of Custody Number 295044 Date THE LEADER IN ENVIRONMENTAL TESTING **TestAmerica** Date 04/20/16 Analysis (Attach list if more space is needed) Lab Number ☐ Archive For _ 8560 C 9CLP VOC OC Requirements (Specify) HOBN YORN HOBN Containers & Preservatives Oisposal By Lab 3. Received By IOH Telephone Number (Area Code)/Fax Number Project Manager Markh Stelmacoff Lab Contact EONH Drinking Water? Yes□ No□ 1730 Temperature on Receipt ☐ Return To Client Dylw Fand Sample Disposa Time Matrix pes 91/02/10 Site Contact 114 Other. Unknown 1525 1320 1335 1340 1655 1430 0231 4/14/10 1530 1650 1250 1325 1330 Date Time antact Julia, Ricardi @ omec Fourcom ☐ 21 Days miched By Inthone 11 07/20/16 1730 ☐ Poison B Date State Zp Code 3 Ξ _ = Batavia Iran and Matal TDays 14 Days (Containers for each sample may be combined on one line) Skin Irritant 571 congress 87. Amec Foster Charlex Sample I.D. No. and Description 1819018,5 2013 300 XX --3 -= Ξ Z Ξ Contract/Purchase Order/Quote No. | Flammable -2 z Custody Record Project Name and Location (State) 2 ☐ 48 Hours PerHand 55024 Possible Hazard Identification 550K 52055 Tum Around Time Required 55014 55016 50018 55020 55022 17055 55017 55019 ☐ Non-Hazard 3. Relinquished By Chain of TAL-4124 (1007) Client 24 Hours = 7 Š

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

8/15/2016

567

8910

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

Special Instructions/ Conditions of Receipt # 40,44,3,8,4,2 (A fee may be assessed if samples are retained Time ŏ Chain of Custody Number 295045 SHOO Page. Date longer than 1 month, 11 04/20 /1 6 Analysis (Attach list if more space is needed) Months ☐ Archive For SUBS 200 12HOT 4127 79A × × × × QC Requirements (Specify) HOBN Disposal By Lab Containers & Preservatives HOBN 3. Received By IDH Telephone Number (Area Code)/Fax Number Mark Stolmach Lab Contact EONH VOSZH seudur F30 ☐ Return To Client Enfantamed! Sample Disposa × X × × × Time Carrier Waybill Number Matrix pas Project Manager 11/02/60 noenby Site Contact 110 Other_ □ Unknown 0440 0450 0450 0455 1000 0885 0900 1480 145 1150 Soll \$14018, 55 025, 000, XX, 09/19/16 1455 04/17/11/10 01.11 = 5 Time Date Date 1010 contact oute. Riadi DamecFW.CM 21 Days 21/M/10 ☐ Poison B = State Zip Code -= ☐ 7 Days ☐ 14 Days (Containers for each sample may be combined on one line) BATAVÍA FRA † MCHAI 3 Skin Imitant × 4 = 3 -OUTAN FANTEL AMEL FOSTEN Wheeler Sample I.D. No. and Description = ~ 1 = = 511 Chyquess 87 | Flammable 55026 55023 55024 550.29 Project Name and Location (State) 556 30 55031 55032 55033 55 036 55 037 55 039 55 039 55 04 0 55 6 34 55 0 35 portand ME ☐ 48 Hours Possible Hazard Identification Turn Around Time Required 3. Relinquished By 2. Relinquished By ☐ Non-Hazard TAL-4124 (1007) = 7 = 24 Hours

THE LEADER IN ENVIRONMENTAL TESTING

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Drinking Water? Yes□

Custody Record

Chain of

Temperature on Receipt –

TestAmerica

Special Instructions/ Conditions of Receipt (A fee may be assessed if samples are retained fonger than 1 month) chain of Custody Number 295046 Тіте 71/02/20-*1133-Page #14.2, 40,3.8,4.4 Date Date THE LEADER IN ENVIRONMENTAL TESTING **TestAmerica** Date 07/20 /16 Analysis (Attach list if Months 10 ☐ Archive For 1030-Ignit. 1941 PCB 8082 OC Requirements (Specify) NOANS HOBN Containers & Preservatives Disposal By Lab HOBN 1. Received By 3. Received By IOH Telephone Number (Area Code)/Fax Number Lab Contact 3700 EONH *№* Mark Stolmack DOSZH Drinking Water? Yes□ Temperature on Receipt ☐ Return To Client 878 407 (Sec Note on R |)

DISTRIBUTION: WHITE- Returned to Client with Field Copy Dy Andrewell Carrier Number Sample Disposa 1105 Time Matrix 700S Project Manager oenb Site Contact 110 □ Other_ Unknown 1036 0540 0000 1900 1345 1158 000 Date 3000 1020 21/20/16 1015 contact Julie, alertia smecpaicin ☐ 21 Days 11102/20 1)/02/12 21/02/60 11/6//60 21/20/10 ☐ Poison B ME 04101 Batarla Horard Metal 14 Days (Containers for each sample may be combined on one line) Skin Irritant Amec foster Whicher 571 cangress St Sample I.D. No. and Description ☐ 7 Days XX 000 Zhoss Siavis Sidels weed ooo xx West A " | Flammable Contract/Purchase Order/Quote No. Project Name and Location (State) **Custody Record** WC005 ☐ 48 Hours WC008 UC003 JC012 WCOID . Possible Hazard Identification UC 02A MC02B 55044 51043 1800 UCH B Turn Around Time Required fortland 3. Relinquished By Non-Hazard Chain of TAL-4124 (1007) Client 24 Hours Comments 8/15/2016

Page 84 of 91

Project Information

Site Name	Batavia iron and Meta	l Company, Inc.	Sampling Dates	Week of July 18	or August 8, 2016
Site Address	Site No. 819018	to post, and the state of the s	Shipping Address for Containers/Needed By	To Be Determine	d
PN (Analytical Work)	Call Out	PN (Validation)	3617137301.03	PO#	Call Out
AMEC Project Manager	Mark Stelmack	Email	mark.stelmack@amecfw.com	Phone Number	
AMEC Tech Lead		Email		Phone Number	
AMEC Field Op Lead	Dylan Farrell	Email	dylan.farrell@arnecfw.com	Phone Number	
AMEC Chemist/Contact	Julie Ricardi	Email	julie.ricardi@amecfw.com	Phone Number	207-828-3608
	Lab/[Deliverable/	Validation Info	rmation	
Deliverable	Cat B	TAT (full del)	2 weeks (if no charge)		
Validation Level	None	Rush Results		Rush TAT	
Program	RD	EDD Format	EquisEZ (include test batch)		
Lab Name	TAL Buffalo	Lab Address		Lab Contact	Orlette Johnson
Report and Invoice to	Mark Stelmack	RL	NYSDEC Exhibit C	Target List	NYSDEC Exhibit C

RL Notes: Indoor Air-- TCE, VC, carbon tet = 0.25 ug/m3 (else 1 ug/m3); Subslab = 3 ug/m3. VOCs-- AQ RL = 1.0 ug/L, MeOH = 50 ug/kg

Comments:

	programmer and an artist and the contract and the contrac	Analyt	ical Parameters
# Samples ¹	Parameters ^{2, 4, 5}	Matrix ³	Comments/Primary Site Contaminants/Other
40	TCLP VOC	Soil/debris	38 samples for TCLP VOCs plus 2 sets of trip blanks; freeze or extract w/in 48hr of sampling
15	Waste Char-see right	Soil/debris	15 samples for TCLP SVOC/Metals/Pests/Herbs; Total PCBs; Ignitabilityt; Corrosivity;
			and Reactivity Use Method 1030 for ignitability
			SEE ATTACHED TABLE 1 SHEET FOR MORE INFORMATION

¹ Include field blanks, trip blanks, MS/MSD, field dups in count

Requests for MNA and/or Waste Characterization parameters include what is noted below unless otherwise specified --

Notes:

² Anions - list in Comments section as applicable: Chloride, Floride, Sulfate, Sulfite, Nitrate, Nitrite

³ Indoor air sampling = 24 hr sample collection; Subslab = 8 hr sample collection

⁴ MNA: RSK-175 MEE, RSK-175 CO2, TOC, Alkalinity, Chloride, Sulfate, Nitrate/Nitrite, Fe, Mn, Sulfide

⁵ WC: FULL TCLP, Ignitability, Reactive Sulfide, Reactive cyandie, pH/Corrosivity, PCB

Project Information

Site Name	Batavia iron and Metal C	ompany, Inc.	Sampling Dates	Week of July 18	or August 8, 2016
Site Address	Site No. 819018		Shipping Address for Containers/Needed By	To Be Determine	d
PN (Analytical Work)	Call Out	PN (Validation)	3617137301.03	PO#	Call Out
AMEC Project Manager	Mark Stelmack	Email	mark.stelmack@amecfw.com	Phone Number	7
AMEC Tech Lead		Ernail		Phone Number	W W W W W W W W W W W W W W W W W W W
AMEC Field Op Lead	Dylan Farrell	Email	dylan.farrell@amecfw.com	Phone Number	
AMEC Chemist/Contact	Julie Ricardi	Email	julie.ricardi@amecfw.com	Phone Number	207-828-3608
	Lab/De	eliverable/	Validation Info	rmation	
Deliverable	Cat B	TAT (full del)	2 weeks (if no charge)		
Validation Level	Cat A Validation	Rush Results		Rush TAT	
Program	RD	EDD Format	EquisEZ (include test batch)	्रे क्षेत्रकारी एकं क्षेत्र के	
Lab Name	TAL Buffalo	Lab Address		Lab Contact	Orlette Johnson
Report and Invoice to	Mark Stelmack	RL	NYSDEC Exhibit C	Target List	NYSDEC Exhibit C

RL Notes: Indoor Air-- TCE, VC, carbon tet = 0.25 ug/m3 (else 1 ug/m3); Subslab = 3 ug/m3. VOCs-- AQ RL = 1.0 ug/L, MeOH = 50 ug/kg

Comments:

		Analy	tical Parameters
# Samples ¹	Parameters ^{2, 4, 5}	Matrix ³	Comments/Primary Site Contaminants/Other
9	РСВ	Soil	SEE ATTACHED TABLE 3 SHEET FOR MORE INFORMATION
<u> </u>			

¹ Include field blanks, trip blanks, MS/MSD, field dups in count

Requests for MNA and/or Waste Characterization parameters include what is noted below unless otherwise specified --

4 MNA: RSK-175 MEE, RSK-175 CO2, TOC, Alkalinity, Chloride, Sulfate, Nitrate/Nitrite, Fe, Mn, Sulfide

5 WC: FULL TCLP, Ignitability, Reactive Sulfide, Reactive cyandie, pH/Corrosivity, PCB

Notes:

² Anions - list in Comments section as applicable: Chloride, Floride, Sulfate, Sulfite, Nitrate, Nitrite

³ Indoor air sampling = 24 hr sample collection; Subslab = 8 hr sample collection

Chain of Custody Record

	Company		Date/Time:			d by:	Received by		Company			Date/ Lime:	rems, Albaneo by.
<u> </u>									,				
Ц.	Company		Date/Time:		- 4.	by:	Received		Company			Date/Time:	Relinquished by:
	Company	ē,	Date/Time:	Cedes	7 WM10	7. 2. 2. 2. 3. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	Received by	ત્રિ	Company	1700	1116	15/2/kg	Relinquence by:
			hipment	Method of Shipment			**	Time:			Date:		Empty Kit Relinquished by:
					Special Instructions/QC Requirements:	tructions/Q(pecial Ins	<u>ত</u>		K i 1	rerable Rar	Primary Deliverable Rank: 1	Deliverable Requested: I, II, III, IV, Other (specify)
_		Archive For		Disposal By Lab	,id	ım To Client	Return						Unconfirmed
_	iger than 1 month)	are retained longer		may be assessed if samples	ee may be as	Sample Disposal (A fee	ample Di	S	ŀ				Possible Hazard Identification
							×	O.	Solid	J (11:55 Fastern	7/19/16	819018WC009000XX (480-103449-56)
							×		Solid	# <u> </u>	14:40 Easter	7/19/16	819018VVC008000XX (480-103449-55)
							×	-	Solid	j j	13:50 Eastern	7/19/16	819018WC07B000XX (480-103449-54)
Ш							×	-	Solid	J	13:45 Eastern	7/19/16	819018WC07A000XX (480-103449-53)
							×	-	Solid	in 5	12:55 Eastern	7/19/16	819018WC006000XX (480-103449-52)
		ATOM Bosson			-		×	<u> </u>	Solid	3	15:35 Eastern	7/19/16	819018WC005000XX (480-103449-51)
							×	-	Solid	j J	17:00 Eastern	7/19/16	819018VVC004000XX (480-103449-50)
							×	O.	Solid	n S	16:25 Eastern	7/19/16	819018WC003000XX (480-103449-49)
Pa							×	Δ.	Solid	J	09:05 Eastern	7/20/16	819018WC02B000XX (480-103449-48)
ge 8		E					×		Solid	3	09:00 Eastern	7/20/16	819018WC02A000XX (480-103449-47)
 37 c							×	2	Solid	7	Eastern	7/20/16	819018WC001000XX (480-103449-46)
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	Acid	G - Amchtor H - Ascorbic						lo);;;				PO #	732-549-3900(Tel) 732-549-3679(Fax)
	D-Nitric Acid P-Na2O4S E-NaHSO4 Q-Na2SO3 F-MeOH R-Na2S2O3	E - NaHSO4											State, Zip: NJ, 08817
	•	B-Nac		-							(days):	TAT Requested (days):	City: Edison
	Preservation Codes: A - HCL M - Hexane	Presen									nsted:	8/2/2016	777 New Durham Road, ,
	Job# 480-103449-1	Job # 480-10		Requested	Analysis Requ	An		_					Company: TestAmerica Laboratories, Inc.
8/	Page: Page 1 of 2	Page:			com	stamericainc.com	nson@tes	E-Mail: orlette.johnson@testa				Phone:	nact: g/Receiving
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#7 0.9% 21.08 693620 NO 10

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	Phone:		E-Mail: oriette,	E-Mail: oriette.johnson@testamericainc.com		Page: Page 2 of 2	
Company: TestAmerica Laboratories, Inc.				Analysis	Requested	Job#: 480-103449-1	
Address: 777 New Durham Road,	Due Date Requested: 8/2/2016		e de la composição de l			ation Coc	es:
City. Edison	TAT Requested (days):					B. NaOH	N-None N-None
State, ZID: NJ, 08817						M - Neric Acid	P - Na2O4S Q - Na2SO3
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	PO#,		150			G - Amchlor	R - Na2S2O3
	wo#		or No			I - Ice	U - Acetone V - MCAA
Project Name: Batavia Iron & Metal #819018	Project #: 48008724		6 (Ye			r-EDA K-EDTA	W - ph 4-5 Z - other (specify)
Site:	SSOW#;		Samo			ot cor	
		Sample	Matrix Www.ter. Smoolid	omoMSM		Number	3
Sample Identification - Client ID (Lab ID)	Sample Date		ation Code:			X To	pecial Instructions/Note:
819018WC010000XX (480-103449-57)	7/19/16	11:20 astem	Solid				
819018WC011A000XX (480-103449-58)	7/19/16	10:05 Eastern	Solid	×			
819018WC011B000XX (480-103449-59)	7/19/16	10:01 Eastern	Solid	×			
819018WC012000XX (480-103449-60)	7/19/16	09:05 Eastern	Solid	×			
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Possible Hazard Identification				Sample Disposal (A fee may	ssed if samples	are retained longer than 1	1 month)
Unconfirmed				Return To Client Dispo	osal By Lab		Months
Deliverable Requested: I, II, III, IV, Other (specify)	Primary Deliverable Rank: 1	e Rank: 1		Special instructions/QC Requi	rements:		
Empty Kit Relinquished by:		Date:	T	Time:	Method of Shipment		
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Relinquished by:	Date/Time;		Company	Received by:	Date/Time:		Company
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1							

Login Sample Receipt Checklist

Client: New York State D.E.C. Job Number: 480-103449-1

Login Number: 103449 List Source: TestAmerica Buffalo

List Number: 1

Creator: Kolb, Chris M

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

4

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Login Sample Receipt Checklist

Client: New York State D.E.C. Job Number: 480-103449-1

List Source: TestAmerica Edison
List Number: 2
List Creation: 07/22/16 11:29 AM

Creator: Villadarez, Gerson Timothy S

oreator. Villadarez, Gerson Tilliothy 5		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	N/A	
The cooler's custody seal, if present, is intact.	True	693619
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.9°C IR #7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

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Login Sample Receipt Checklist

Client: New York State D.E.C. Job Number: 480-103449-1

List Number: 103449
List Number: 3
List Source: TestAmerica Edison
List Creation: 08/03/16 01:47 PM

There are no discrepancies between the containers received and the COC.

Samples are received within Holding Time (excluding tests with immediate

There is sufficient vol. for all requested analyses, incl. any requested

Containers requiring zero headspace have no headspace or bubble is

Creator: Armbruster, Chris

HTs)

MS/MSDs

<6mm (1/4").

Sample containers have legible labels.

Sample collection date/times are provided.

Appropriate sample containers are used.

Containers are not broken or leaking.

Sample bottles are completely filled. Sample Preservation Verified.

Multiphasic samples are not present.

Residual Chlorine Checked.

Samples do not require splitting or compositing.

Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	

True

True

True

True

True

True True

True

True

True

True

True

N/A

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ATTACHMENT 3

ASBESTOS CONTAINING MATERIAL SURVEY



TARGETED ASBESTOS CONTAINING MATERIALS SURVEY

FOR THE

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION BATAVIA IRON AND METAL (NYSDEC Site 819018) BATAVIA, NEW YORK

Prepared for:

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation

625 Broadway, 12th Floor Albany, New York 12233-7017

Prepared by:



Amec Foster Wheeler Environment & Infrastructure, Inc.

Hillcrest I
751 Arbor Way
Suite 180
Blue Bell, Pennsylvania 19422

Amec Foster Wheeler Project No. 3617137301

11 November 2016



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- 2 Asbestos Sample Locations with Results
- 3 Locations of Observed Asbestos Material

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Appendix

- A Photographic Log
- B AMA Analytical Services, Inc. Laboratory Results



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1.0 Introduction

Amec Foster Wheeler Environment & Infrastructure, Inc. (Amec Foster Wheeler) is pleased to submit this report to the New York State Department of Environmental Conservation (NYSDEC) for the asbestos-containing materials survey performed on the twelve (12) waste piles located at 301 Bank Street, Batavia, Genesee County, New York. A map depicting the location of the site and associated buildings are depicted on **Figure 1**.

The asbestos inspection was performed on August 15 and 16, 2016 by an AHERA Accredited Building Inspector and State of New York-Licensed Asbestos Inspector, in accordance with the Environmental Protection Agency (EPA) and Asbestos Hazard Emergency Response Act (AHERA) asbestos inspection protocol and American Society for Testing and Materials (ASTM) E2356-04 *Standard Practice for Comprehensive Building Asbestos Surveys.* As part of the scope, the asbestos inspection included:

- Visual inspection of the 12 debris pile to identify suspected asbestos containing material (ACM);
- Identification of homogeneous areas of suspect ACM within the individual piles;
- > Assessing the quantity and condition of each homogeneous area;
- Collection of the appropriate number of samples in accordance with the inspection protocol based on the quantity of material observed.

Photographic documentation of the debris piles and the observed suspected asbestos-containing materials in them is presented in **Appendix A.**

2.0 Scope of Work

Amec Foster Wheeler performed the following activities to meet the objective of this project.

- Prepared a site-specific job safety analysis to provide procedures to be followed to protect onsite personnel.
- Provided an AHERA Accredited and State of New York-Licensed Asbestos Inspector to perform the asbestos investigation. Amec Foster Wheeler performed the asbestos inspection in general accordance with AHERA and ASTM asbestos inspection protocol.
- Conducted a visual inspection of the subject project areas to identify and document the
 extent of the potential asbestos-containing materials, if present, in the waste piles and in
 the immediate surrounding areas. Amec Foster Wheeler then collected the appropriate
 number of samples based on the quantity of material observed.
- Submitted the suspected asbestos-containing materials samples for bulk asbestos analysis using Polarized Light Microscopy (PLM) via the New York State Environmental Laboratory Accreditation Program (ELAP) Method 198.6 first. If laboratory results for NOBs were reported as being negative or inconclusive for the presence of asbestos fibers, Transmission Electron Microscopy (TEM) analysis via the New York State ELAP





Method 198.4 was performed on each negative/inconclusive sample to confirm the absence of ACM. Other suspected ACM's (i.e., gypsum wallboard with joint compound, pipe insulation, etc.) were analyzed by PLM analysis via the New York State ELAP Method 198.1.

- Analyzed the samples on a 3-day turnaround time basis. Amec Foster Wheeler collected 42 bulk samples for analysis.
- Took photographs documenting the location of suspected asbestos-containing materials.
- Prepared this report documenting the findings.

3.0 Asbestos Inspection Procedures and Results

3.1 Asbestos Inspection Procedures

The asbestos inspection was performed in accordance with the EPA/AHERA asbestos inspection protocols and the ASTM E2356-04 *Standard Practice for Comprehensive Building Asbestos Surveys* by a State of New York Department of Labor Licensed Asbestos Building Inspector.

The general procedures performed during the asbestos inspection were as follows:

- 1) Conducted a visual inspection of the subject project areas to identify and document the extent of the potential asbestos-containing materials, if present, within the waste piles.
- 2) Segregated suspected ACM into homogenous areas in their individual waste piles.
- 3) Identified sampling locations and collected samples. Each sample was sealed in an air tight container and labeled.
- 4) Sample IDs were assigned accordingly: P# # #
 - P# (Waste Pile #) # (Homogeneous Area Number) # (Sample Number)
- 5) General photographs of each area and sample location were taken. The photographic log is included in **Appendix A**.
- 6) Data from each sample was recorded on a Chain-of-Custody form.
- 7) Bulk samples were sent to AMA Analytical Services, Inc. in Lanham, MD for bulk asbestos analysis. Bulk samples were analyzed by Polarized Light Microscopy (PLM) via the New York State Environmental Laboratory Accreditation Program (ELAP) Method 198.6 first. If laboratory results for NOBs were reported as being negative or inconclusive for the presence of asbestos fibers, Transmission Electron Microscopy (TEM) analysis via the New York State ELAP Method 198.4 was performed on each negative/inconclusive sample to confirm the absence of ACM. Other suspected ACM's (i.e., gypsum wallboard with joint compound, pipe insulation, etc.) were analyzed by





PLM analysis via the New York State ELAP Method 198.1The laboratory analytical report is included as **Appendix B**. **Table 1** below provides sample analysis results for positively identified ACM.

3.2 Asbestos Inspection Results

Amec Foster Wheeler conducted visual surveys of the 12 waste piles located at 301 Bank Street in Batavia, New York. Seven (7) of the 12 waste piles surveyed were without observable ACM's. Thirteen (13) homogeneous areas were identified over the remaining five (5) piles. A fourteenth (14) homogeneous area was identified in a block building located north of the main site structure and just west of the south end of Pile 12.

ACM sample locations with analysis results are provided in **Figure 2**. **Figure 3** indicates the general areas over which laboratory analysis indicates the presence of ACM's. Included on **Figure 3** are areas where laboratory analysis indicated trace amounts, less than one percent (<1%), of ACM detected.

Table 1, below, summarizes the locations, condition and quantity of the materials, and the laboratory analytical results. The EPA, Occupational Health and Safety Administration (OSHA), and NYSDEC each designate materials containing greater than one percent (\geq 1%) asbestos by weight to be "asbestos-containing". Materials analyzed to have an asbestos content of \geq 1% are indicated by the PLM or TEM content amount in **bold.** Samples that were analyzed to contain trace amounts (<1%) of asbestos are indicated by TR, but are not in bold font as they do not meet the regulatory definition of ACM (i.e. \geq 1%).

Due to the nature of the site conditions at the time of the survey, observed material quantities are considered estimates only. Additional ACM may be buried under other non-asbestos-containing debris



TABLE 1
Summary of Identified Asbestos Containing Material
NYSDEC Batavia Iron and Metal Recycling
Batavia, New York

Waste Area/Pile	Homogeneous Area	Sample ID	Locations	Material	Condition/ Friability	Quantity*	Asbestos Content by PLM (%)	Asbestos Content by TEM (%)	Total Asbestos Content (%)	Asbestos Type
				Seconda	ry Building (S	B)			1	
Secondary	SB1	SB1-1	Secondary cinder	Gray with black stripe, rolled and in	Fair/Non- Friable	~50 ft²	TR	TR	TR	Chrysotile
Building		SB1-2	block north of main				NAD			
		SB1-3	building	pieces, woven cloth			NAD			
			ı)		Pile 2				i e	
		P2-1-1	Material mixed in with cinderblock	Black tar roofing material	Poor/Non- Friable	~500 ft²	TR	TR	TR	Chrysotile
	P2-1	P2-1-2	and wood throughout				TR			
		P2-1-3	rubble pile				NAD			
	P2-2	P2-2-1		Light Gray (with black mastic material) transite shingle pieces	Poor/Non- friable	~2 ft²	5.7	N/A N/A	5.7	-
2		P2-2-2 Gray	- Material found in				2.9		2.9	
		P2-2-2 Black	south west				TR	15	15	Chrysotile
		P2-2-3 Gray	pile				3	N/A	3	
		P2-2-2 Black					NAD	1.1	1.1	
					Pile 7					
7	P7-1	P7-1-1	Off of eastern corner of rubble	Diggi tar reafing	Poor/Non- friable	~30 ft ²	TR	1.4	1.4	
		P7-1-2	pile 7, near	Black tar roofing material			NAD	TR	TR	Chrysotile
		P7-1-3	monitoring well				NAD	TR	TR	
	P7-2	P7-2-1	At eastern tip of		Poor/non-	~100 ft ²	NAD	TR	TR	Chrysotile
		P7-2-2	rubble pile		friable		NAD	NAD	NAD	N/A

Targeted Asbestos Survey Report NYSDEC Batavia Iron and Metal Batavia, New York 11 November 2016







Waste Area/Pile	Homogeneous Area	Sample ID	Locations	Material	Condition/ Friability	Quantity*	Asbestos Content by PLM (%)	Asbestos Content by TEM (%)	Total Asbestos Content (%)	Asbestos Type
		P7-2-3		Various color shingles and tar paper			NAD	NAD	NAD	N/A
	P7-3	P7-3-1 FT	Northwest corner of rubble pile	12"x12" White floor tile (FT) with mastic (MS)	Poor/non- friable	10 ft ²	TR	14	14	Chrysotile
		P7-3-1 MS					NAD	14	14	
		P7-3-2 FT					TR	13	13	Chrysotile Chrysotile
		P7-3-2 MS					TR	8.9	8.9	
		P7-3-3 FT					TR	13	13	
		P7-3-3 MS					NAD	1.6	1.6	
_	P7-4	P7-4-1 FT	South western corner to south central part of pile out into flat between P7 and P11	9"x9" Gray floor tile (FT) with mastic (MS)	Poor/Non- friable	~ .25 ft ²	2.5	N/A	2.5	- Chrysotile
7		P7-4-1 MS					NAD	TR	TR	
		P7-4-2 FT					2	N/A	2	
		P7-4-2 MS					NAD	1.4	1.4	
		P7-4-3 FT					2	N/A	2	
		P7-4-3 MS					TR	1.1	1.1	
	P7-5	P7-5-1	South central part of pile out into flat between	t Gray composite	Poor/non- friable	~15 ft ²	19	N/A	19	
		P7-5-2					11	N/A	11	Chrysotile
		P7-5-3	P7 and P11				15	N/A	15	
					Pile 10					
10	P10-1	P10-1-1				~3 LF	NAD	NAD	NAD	Chrysotile

Targeted Asbestos Survey Report NYSDEC Batavia Iron and Metal Batavia, New York

amec foster wheeler



Waste Area/Pile	Homogeneous Area	Sample ID	Locations	Material	Condition/ Friability	Quantity*	Asbestos Content by PLM (%)	Asbestos Content by TEM (%)	Total Asbestos Content (%)	Asbestos Type
		P10-1-2	South end of P10	Brown paper wrap around electrical equipment pole	Good/Non- friable		NAD	TR	TR	
		P10-1-3	rubble pile				TR	TR	TR	
					Pile 11					
		P11-1-1	In refrigerator in	White wall insulation in interior of refrigerator	Poor/friable	~39 ft²	NAD	NAD	NAD	N/A
	P11-1	P11-1-2	middle of rubble pile				NAD	TR	TR	Chrysotile
		P11-1-3					NAD	TR	TR	Chrysotile
11	P11-2	P11-2-1	Northeast corner of pile	Black roofing tar and paper material	Poor/Non- Friable	~25 ft²	NAD	TR	TR	Chrysotile
''		P11-2-2					TR	TR	TR	Chrysotile
		P11-2-3					TR	TR	TR	Chrysotile
	P11-3	P11-3-1	Refrigerator in middle of pile	Gray/brown trimming around edge of	Poor/friable	2 ft ²	N/A ¹	N/A¹	N/A ¹	N/A ¹
		P11-3-2								
		P11-3-3		refrigerator	Dile 40					
					Pile 12					
12	P12-1	P12-1-1 South end of P12	\\/hita matting	Poor/non-		NAD	TR	TR		
		P12-1-2	rubble pile	White matting insulation	friable	~3 ft²	TR	TR	TR	Chrysotile
		P12-1-3					NAD	TR	TR	
	P12-2	P12-2-1		Dark brown			NAD	TR	TR	
		P12-2-2 South end of P12 rubble pile	composite wood	Poor/non- friable	~1 ft ²	NAD	TR	TR	Chrysotile	
		P12-2-3	Tubbic pile	material	madic		N/A	N/A	N/A	
	-ft ² _ feet squared		NI/A1 > 000/ of m	aterial lost during prep	NAD-No Asha	oton Dotontod				

-ft² – feet squared -LF – linear feet

N/A¹->99% of material lost during prep NAD-No Asbestos Detected

Notes:

-TR-Trace amount detected

-*Material quantities are

estimates based on the nature of the site.

Bold – Analysis results of ≥1%

asbestos

Targeted Asbestos Survey Report NYSDEC Batavia Iron and Metal Batavia, New York

11 November 2016





Based on the results of the survey and the laboratory analytical results, the following homogeneous areas were identified as asbestos-containing materials containing ≥1% asbestos fibers:

- P2-2 Light gray transite shingling pieces ~2 ft²– Category I Non-friable
- P7-1 Black tar roofing material ~30 ft² Category I Non-friable
- P7-3 12"x12" White floor tile with mastic ~10ft2 Category I Non-friable
- P7-4 9"x9" Gray floor tile with mastic ~25 ft²– Category I Non-friable
- P7-5 Gray composite (transite) subfloor ~15 ft²– Category I Non-friable

.





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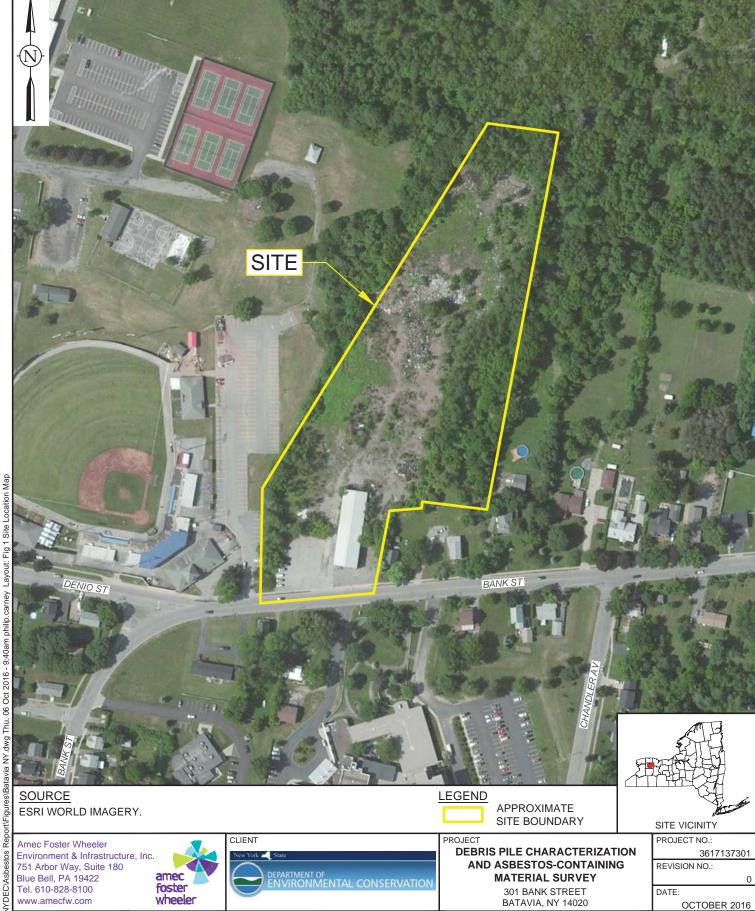


FIGURES





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SITE LOCATION MAP

FIGURE NO.:

\\phI-fs1\phoffice\\NYDEC\Asbestos

PROJECTION / DATUM: NY83-WF

SCALE: 1" = 200

PREPARED BY:

CHECKED BY:

REVIEWED BY:

200'

TITLE

PJC

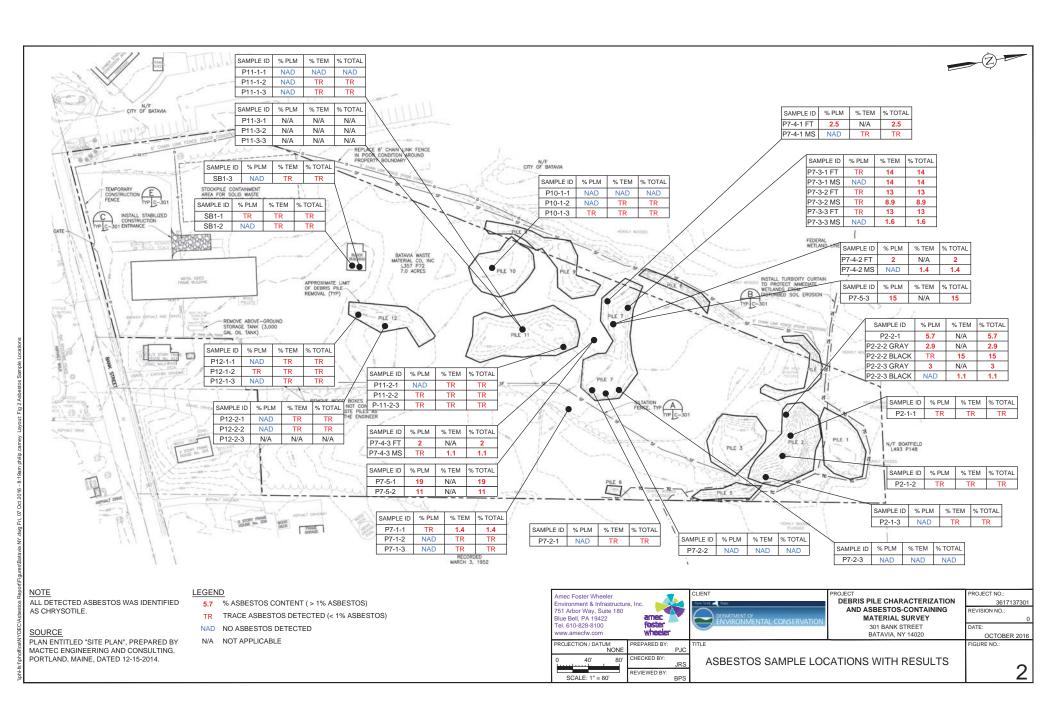
JRS

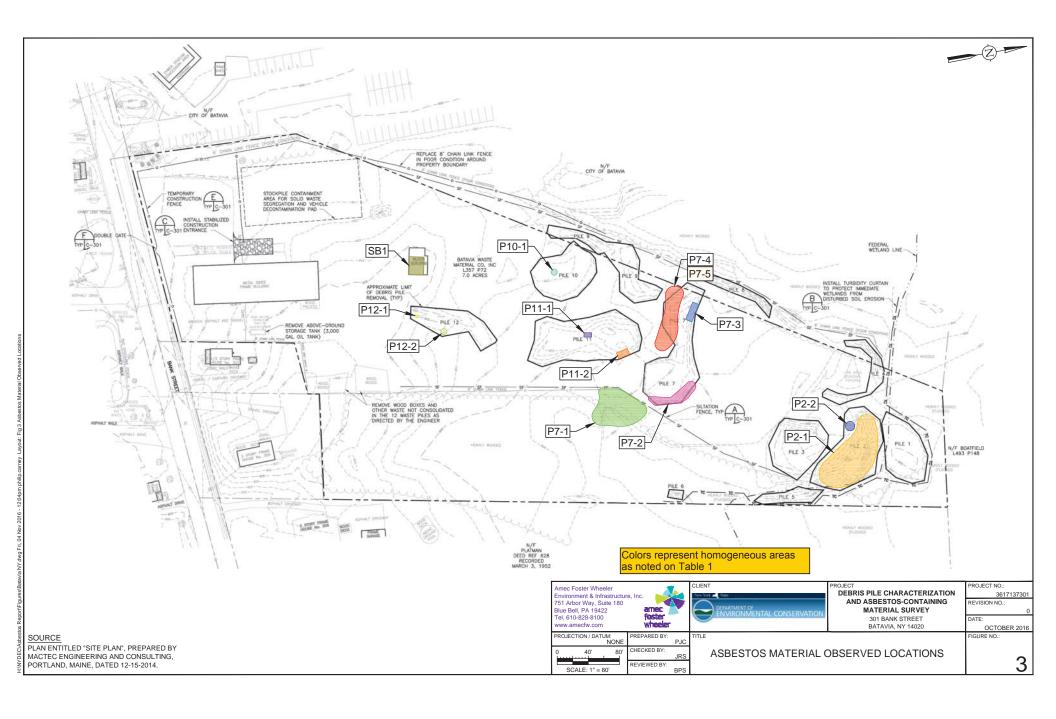
BPS





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APPENDIX A

Photographic Log







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Photo 1. Secondary cinder block building, north of main pole structure and west of southern end of Pile 12.



Photo 2. Homogeneous area SB1, Gray with black stripe, rolled and in pieces, woven cloth; Trace Amount of Asbestos Detected.



Photo 3. View looking east across Pile 2 from approximate location of P2-2.



Photo 4. Homogeneous area P2-1; Black tar roofing material; Trace Amount of Asbestos Detected.





Photo 5. Homogeneous area P2-2; Light Gray (with black mastic material) transite shingle pieces; Transite shingles – **5.7% Chrysotile**; Black mastic – **15% Chrysotile**.



Photo 6. Homogeneous area P7-1; Black tar roofing material off of eastern corner of rubble pile 7, near monitoring well; **1.4% Chrysotile** Detected.





Photo 7. Homogeneous area P7-1; More black tar roofing material flattened and semi-buried in grass.



Photo 8. Homogeneous area P7-2; Roofing shingle and material at the NE corner of Pile 7; view looking southeast. Trace Amount of Asbestos Detected.





Photo 9. Homogeneous P7-3; 12"x12" White floor tile with mastic; 14% Chrysotile- Floor Tile; 14% Chrysotile - Mastic Detected.



Photo 10. Homogeneous area P7-4; 9"x9" Gray floor tile with mastic; 2.5% Chrysotile- Floor Tile; 1.4% Chrysotile - Mastic Detected.





Photo 11. Homogeneous area P7-5; Gray composite (transite) subfloor; **19 % Chrysotile** Detected.



Photo 12. HA P7-4 and P78-5 interspersed together at south central part of Pile 7.





Photo 13. Homogeneous area P10-1; Brown paper wrap around electrical equipment pole; Trace Amount Asbestos Detected.



Photo 14. Homogeneous area P11-1; White wall insulation in interior of refrigerator; Trace Amount Asbestos Detected.





Photo 15. Homogeneous area P11-2; Black roofing tar and paper material; Trace Amount Asbestos Detected.



Photo 16. Homogeneous area P11-3; Gray/brown trimming around edge of refrigerator; Trace Amount Asbestos Detected.





Photo 17. General setting in Pile 11 of white refrigerator and HA's P11-1 and P11-3.



Photo 18. Homogeneous area P12-1; White matting insulation and general setting in P12; Trace Amount Asbestos Detected.





Photo 19. Homogeneous area P12-2; Dark brown composite wood material and general setting in P12; Trace Amount Asbestos Detected.



APPENDIX B

AMA Analytical Services, Inc. Report





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A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS

NY ELAP

0920

Client:

Test America -Buffalo

Job Name:

Batavia Iron & Metal #819018

Chain of Custody:

273202

Address:

10 Hazelwood Drive

Job Location:

301 Bank Street

Date Analyzed:

8/29/2016

Amherst, New York 14228-2298

Job Number: P.O. Number: 48008724

Person Submitting:

Jason Staut

Attention:

Orlette Johnson

Not Provided

Page 1 of 6

Summary of Asbestos Analysis of Non-Friable Organically Bound (NOB) Bulk Samples

AMA Sample	Client	Sample	% Total	% Asbestos	% Asbestos	Type(s) of Asbestos	% Organics	% Acid	% Other	Material	Sample	Comments
Number	Sample #	Type *	Asbestos **	by PLM ***	by TEM ***	** 3.7		Soluble		Type	Color	
16143211	P 12-1-1	Whole	TR	NAD	TR	Chrysotile	17.5%	13.5%	68.8%	Fire Br.	Brown	
16143212	P 12-1-2	Whole	TR	TR	TR	Chrysotile	8.2%	15.8%	75.6%	Fire Br.	Brown	
16143213	P 12-1-3	Whole	TR	NAD	TR	Chrysotile	31.2%	2.9%	65.2%	Fire Br.	Brown	
16143214	SB 1-1	Whole	TR	TR	TR	Chrysotile	90.2%	5.9%	3.9%	GK	Brown	
16143215	SB 1-2	Whole	TR	NAD	TR	Chrysotile	92.0%	3.8%	4.2%	GK	Brown	
16143216	SB 1-3	Whole	TR	NAD	TR	Chrysotile	84.4%	7.8%	7.7%	GK	Brown	
16143217	P 11-1-1	Whole	NAD	NAD	NAD		2.6%	1.4%	96.0%	IN	Brown	
16143218	P 11-1-2	Whole	TR	NAD	TR	Chrysotile	5.8%	4.5%	89.6%	IN	Brown	
16143219	P 11-1-3	Whole	TR	N/A	TR	Chrysotile	12.3%	1.4%	86.2%	IN	Brown	
16143220	P 11-2-1	Whole	TR	NAD	TR	Chrysotile	94.5%	2.6%	2.9%	Roof	Black	
16143221	P 11-2-2	Whole	TR	TR	TR	Chrysotile	95.4%	2.8%	1.8%	Roof	Black	
16143222	P 11-2-3	Whole	TR	TR	TR	Chrysotile	84.9%	0.0%	15.1%	Roof	Black	
16143223	P 7-1-1	Whole	1.4%	TR	1.4%	Chrysotile	83.4%	7.2%	8.0%	Roof	Black	

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Not Provided

Page 2 of 6

Summary of Asbestos Analysis of Non-Friable Organically Bound (NOB) Bulk Samples

AMA Sample Number	Client Sample #	Sample Type *	% Total Asbestos **	% Asbestos by PLM ***	% Asbestos by TEM ***	Type(s) of Asbestos	% Organics	% Acid Soluble	% Other	Material Type	Sample Color	Comments
16143224	P 7-1-2	Whole	TR	NAD	TR	Chrysotile	76.1%	20.3%	3.6%	Roof	Black	
16143225	P 7-1-3	Whole	TR	NAD	TR	Chrysotile	80.0%	15.9%	4.1%	Roof	Black	
16143226	P 7-2-1	Whole	TR	NAD	TR	Chrysotile	81.1%	2.0%	16.9%	Roof	Black	
16143227	P 7-2-2	Whole	NAD	NAD	NAD		56.1%	2.1%	41.8%	Roof	Black	
16143228	P 7-2-3	Whole	NAD	NAD	NAD		27.3%	42.6%	30.1%	Roof	Black	
16143229	P 7-3-1 FT	Whole	14%	TR	14%	Chrysotile	25.1%	56.1%	4.7%	FT	Gray	
16143230	P 7-3-1 MS	Whole	14%	NAD	14%	Chrysotile	53.8%	22.8%	9.3%	MS	Black	Asbestos observed may be possible contamination from associated positive floor tile.
16143231	P 7-3-2 FT	Whole	13%	TR	13%	Chrysotile	26.3%	57.3%	3.3%	FT	Gray	
16143232	P 7-3-2 MS	Whole	8.9%	TR	8.9%	Chrysotile	60.2%	17.6%	13.3%	MS	Black	Asbestos observed may be possible contamination from associated positive floor tile.
16143233	P 7-3-3 FT	Whole	13%	TR	13%	Chrysotile	26.1%	56.8%	4.3%	FT	Gray	



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Page 3 of 6

Summary of Asbestos Analysis of Non-Friable Organically Bound (NOB) Bulk Samples

AMA Sample Number	Client Sample #	Sample Type *	% Total Asbestos **	% Asbestos by PLM ***	% Asbestos by TEM ***	Type(s) of Asbestos	% Organics	% Acid Soluble	% Other	Material Type	Sample Color	Comments
16143234	P 7-3-3 MS	Whole	1.6%	NAD	1.6%	Chrysotile	56.8%	17.3%	24.3%	MS	Black	Asbestos observed may be possible contamination from associated positive floor tile.
16143235	P 7-4-1 FT	Whole	2.5%	2.5%	N/A	Chrysotile	21.7%	56.0%	19.8%	FT	Gray	Not Analyzed by TEM - Positive Stop
16143236	P 7-4-1 MS	Whole	TR	NAD	TR	Chrysotile	87.8%	3.8%	8.2%	MS	Black	Asbestos observed may be possible contamination from associated positive floor tile.
16143237	P 7-4-2 FT	Whole	2%	2%	N/A	Chrysotile	20.0%	59.8%	18.3%	FT	Gray	Not Analyzed by TEM - Positive Stop
16143238	P 7-4-2 MS	Whole	1.4%	NAD	1.4%	Chrysotile	78.4%	10.5%	9.7%	MS	Black	Asbestos observed may be possible contamination from associated positive floor tile.
16143239	P 7-4-3 FT	Whole	2%	2%	N/A	Chrysotile	21.5%	54.9%	21.6%	FT	Gray	Not Analyzed by TEM - Positive Stop
16143240	P 7-4-3 MS	Whole	1.1%	TR	1.1%	Chrysotile	83.0%	4.9%	11.0%	MS	Black	Asbestos observed may be possible contamination from associated positive floor tile.

A Specialized Environmental Laboratory

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Page 4 of 6

Summary of Asbestos Analysis of Non-Friable Organically Bound (NOB) Bulk Samples

AMA Sample Number	Client Sample #	Sample Type *	% Total Asbestos **	% Asbestos by PLM ***	% Asbestos by TEM ***	Type(s) of Asbestos	% Organics	% Acid Soluble	% Other	Material Type	Sample Color	Comments
16143241	P 7-5-1	Whole	19%	19%	N/A	Chrysotile	29.4%	27.8%	23.8%	CC	Gray	Not Analyzed by TEM - Positive Stop
16143242	P 7-5-2	Whole	11%	11%	N/A	Chrysotile	27.8%	16.4%	44.7%	CC	Gray	Not Analyzed by TEM - Positive Stop
16143243	P 7-5-3	Whole	15%	15%	N/A	Chrysotile	30.1%	10.0%	44.9%	CC	Black	Not Analyzed by TEM - Positive Stop
16143244	P 10-1-1	Whole	NAD	NAD	NAD		91.7%	1.2%	7.1%	Fire Br.	Brown	
16143245	P 10-1-2	Whole	TR	NAD	TR	Chrysotile	97.3%	0.8%	1.9%	Fire Br.	Brown	
16143246	P 10-1-3	Whole	TR	TR	TR	Chrysotile	97.5%	0.7%	1.8%	Fire Br.	Brown	
16143247	P 11-3-1	Whole	N/A	N/A	N/A		99.6%	0.3%		WB	Brown	Sample Not Analyzed: >99% of material lost to gravimetric reduction. Material is non-ACM.
16143248	P 11-3-2	Whole	N/A	N/A	N/A		99.6%	0.3%		WB	Brown	Sample Not Analyzed: >99% of material lost to gravimetric reduction. Material is non-ACM.
16143249	P 11-3-3	Whole	N/A	N/A	N/A		99.2%	0.4%		WB	Brown	Sample Not Analyzed: >99% of material lost to gravimetric reduction. Material is non-ACM.

A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS

NY ELAP

10920

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Test America -Buffalo

Job Name:

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Address:

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301 Bank Street

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8/29/2016

Amherst, New York 14228-2298

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Person Submitting:

Jason Staut

Attention:

Orlette Johnson

Not Provided

Page 5 of 6

Summary of Asbestos Analysis of Non-Friable Organically Bound (NOB) Bulk Samples

AMA Sample Number	Client Sample #	Sample Type *	% Total Asbestos **	% Asbestos by PLM ***	% Asbestos by TEM ***	Type(s) of Asbestos	% Organics	% Acid Soluble	% Other	Material Type	Sample Color	Comments
												
16143250	P 2-1-1	Whole	TR	TR	TR	Chrysotile	79.1%	2.1%	18.2%	Roof	Black	
16143251	P 2-1-2	Whole	TR	TR	TR	Chrysotile	69.6%	8.3%	21.5%	Roof	Black	
16143252	P 2-1-3	Whole	TR	NAD	TR	Chrysotile	73.4%	8.4%	18.1%	Roof	Black	
16143253	P 2-2-1	Whole	5.7%	5.7%	N/A	Chrysotile	13.2%	52.6%	28.5%	Transite	Gray	Not Analyzed by TEM - Positive Stop
16143254	P 2-2-2 Grey	Whole	2.9%	2.9%	N/A	Chrysotile	23.6%	43.2%	30.3%	FT	Gray	Not Analyzed by TEM - Positive Stop
16143255	P 2-2-2 Blk	Whole	15%	TR	15%	Chrysotile	47.2%	29.7%	8.1%	MS	Black	Asbestos observed may be possible contamination from associated positive floor tile.
16143256	P 2-2-3 Grey	Whole	3%	3%	N/A	Chrysotile	27.5%	40.2%	29.3%	FT	Gray	Not Analyzed by TEM - Positive Stop
16143257	P 2-2-3 Blk	Whole	1.1%	NAD	1.1%	Chrysotile	76.2%	16.5%	6.2%	MS	Black	Asbestos observed may be possible contamination from associated positive floor tile.
16143258	P 12-2-1	Whole	TR	NAD	TR	Chrysotile	91.1%	0.1%	8.8%	WB	Brown	
16143259	P 12-2-2	Whole	TR	NAD	TR	Chrysotile	87.2%	0.7%	12.1%	WB	Brown	



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NY ELAP

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Address:

10 Hazelwood Drive

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Amherst, New York 14228-2298

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Person Submitting:

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Attention:

Orlette Johnson

unless signed by the Technical Director or Deputy.

48008724 Not Provided

Page 6 of 6

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Summary of Asbestos Analysis of Non-Friable Organically Bound (NOB) Bulk Samples

AMA Sample Number	Client Sample #	Sample Type *	% Total Asbestos **	% Asbestos by PLM ***	% Asbestos by TEM ***	Type(s) of Asbestos	% Organics	% Acid Soluble	% Other	Material Type	Sample Color	Comments
16143260	P 12-2-3	Whole	N/A	N/A	N/A		99.5%	0.3%		WB	Brown	Sample Not Analyzed: >99% of material lost to gravimetric reduction. Material is non-ACM
	Whole sample No Asbestos D			uction performed		ytical Services Residue = C	Gravimetric reductio	n of sample	performed by	y client and r	residue only	submitted for analysis.
			after gravimetric			•	sion Electron Micros	scopy after g	gravimetric re	duction (NY	ELAP Me	thod 198.4)
All results are	e to be conside	red preliminar	y and subject to	change				5140		3.5		

Technical Director

Andreas Saldivar

Analyst(s)

L. Butruk / M. Greenberg

AMA Analytical Services, Inc. Focused on Results www.amalab.com

4475 Forbes Blvd. • Lanham, MD 20706

Relinquished by:

Received for Lab by:

NRW

AHA-LAP (#100470) NVLAP (#101143-0) NY ELAP (10920) CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

273202

(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 5. Phone #: 5. Collected by: JOSON Strout Cell: Reporting Info (Results provided as soon as technically feasible). If no TAT/Reporting Info is provided, AMA will assign defaults of 5-Day and email/fax to contacts on file. REPORT TO: NORMAL BUSINESS HOURS AFTER HOURS (must be pre-scheduled) 4 Hours 4 Hours 3 Day Results Required By Noon ☐ Email: ☐ Same Day Date Due: 8|29|16 ☐ Immediate Date Due: ☐ Email 2:_____ Next Day 24 Hours Time Due: 2 Day U Verbals:_____ Comments: **Metals Analysis** Asbestos Analysis TEM Bulk ☐ Pb Paint Chip _____(QTY) *PCM Air - Please Indicate Filter Type: _ ELAP 198.4/Chatfield (QTY)
NY State PLM/TEM (QTY) □ *Pb Dust Wipe (wipe type_____)___(QTY) ☐ NIOSH 7400_____(QTY) □ *Pb Air_____(QTY)
□ Pb Soil/Solid_____(QTY) ☐ Fiberglass _____(QTY) Residual Ash (QTY) TEM Air* - Please Indicate Filter Type: __ TEM Dust* ☐ AHERA_____(QTY) □ Pb TCLP____(QTY) ☐ Oual, (pres/abs) Vacuum/Dust_____(QTY) ☐ Drinking Water☐ Pb____(QTY)☐ Cu____(QTY)☐ As____(QTY) ☐ NIOSH 7402 _____(QTY) ☐ Quan. (s/area) Vacuum D5755-95 _____(QTY) ☐ Waste Water☐ Pb ____(QTY) ☐ Cu ____(QTY) ☐ As ____(QTY) ☐ Other (specify_____)___(QTY) ☐ Quan. (s/area)Dust D6480-99_____(QTY) ☐ Pb Furnace (Media ______) ____(QTY) PLM Bulk ☐ EPA 600 – Visual Estimate_____ TEM Water ___ (OTY) \[\begin{aligned} \text{Pos Stop} \] **Fungal Analysis** Qual. (pres/abs)_____(QTY) ☐ EPA Point Count _____(QTY) Collection Apparatus for Spore Traps/Air Samples: ☐ ELAP 198.2/EPA 100.2 (QTY) □ NY State Friable 198.1 _____(QTY) Collection Media_ ☐ EPA 100.1_____(QTY) ☐ Grav. Reduction ELAP 198.6 (QTY) □ *Spore-Trap____(QTY) □ Surface Vacuum Dust____(QTY) Other (specify_____) All samples received in good condition unless otherwise noted. □ *Surface Swab_____(QTY) □ Culturable ID Genus (Media____)___(QTY) MISC (TEM Water samples ____ °C) □ *Surface Tape_____(QTY) □ Culturable ID Species (Media____) ☐ Vermiculite Other (Specify____)___(QTY ☐ Asbestos Soil PLM_(Qual) PLM_(Quan) PLM/TEM_(Qual) PLM/TEM_(Quan) If field data sheets are submitted, there is no need to complete bottom section. *It is recommended that blank samples be submitted with all air and surface samples CLIENT CONTACT **ANALYSIS** SAMPLE INFORMATION (LABORATORY STAFF ONLY) SAMPLE LOCATION/ ID CLIENT ID# Date/Time: Contact:By: Contact:By: Date/Time: Contact:By: Date/Time: Jason Street **Shipping Information** Date Signature UPS ☐ In-Person Other Relinquished by: FedEx ☐ Drop Box Received by: USPS ☐ Courrier

21/25/18

08970

Airbill/Tracking No:

10 Hazelwood Drive Amherst, NY 14228-2298

Chain of Custody Record



Phone (716) 691-2600 Fax (716) 691-7991 Carrier Tracking No(s): Sampler: 480-86277-21081.1 Jason Straut Johnson, Orlette S Client Information (Subcontract Laboratory) Page: E-Mail: Client Contact: orlette.johnson@testamericainc.com Page 1 of 4 Shipping and Receiving Company: **Analysis Requested** AMA Analytical Services, Inc. Preservation Codes: Due Date Requested: per NYS 198.6/198.4 4475 Forbes Boulevard A-HCL M - Hexane TAT Requested (days): B - NaOH N - None City: C - Zn Acetate O - AsNaO2 25 calendar days Lanham D - Nitric Acid P - Na2O4S State, Zip: Q - Na2SO3 E - NaHSO4 MD, 20706 F - MeOH R - Na2S2O3 PO#: S - H2SO4 Phone: G - Amchlor SUBCONTRACT - Asbestos PLM/TEM Callout ID 122103 T - TSP Dodecahydrate 301-459-2640/800-346-0961 H - Ascorbic Acid U - Acetone I-Ice WO #: Email: J - DI Water V - MCAA dhudson@amalab.com containers K - EDTA W - ph 4-5 Project Name: Project #: Z - other (specify) L - EDA 48008724 Batavia Iron & Metal #819018 Other: SSOW#: 4 301 Bank St. Total Number Matrix Sample (W=water, Type S=solid, (C=comp, Sample O=waste/oll, Special Instructions/Note: Sample Date Time G=grab) BT=Tissue, A=Air) Sample Identification Preservation Code: N X NOB 8/16/2016 P12-1-1 NOB Х 8/16/2016 P12-1-2 NOB X P12-1-3 8/16/2016 Х NOB 8/16/2016 SB1-1 X SB1-2 8/16/2016 NOB X 8/16/2016 NOB SB1-3 Х NOB 8/16/2016 P11-1-1 X P11-1-2 8/16/2016 NOB NOB X P11-1-3 8/16/2016 X NOB P11-2-1 8/16/2016 NOB X P11-2-2 8/16/2016 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Possible Hazard Identification Archive For Return To Client Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological X Disposal By Lab Months Special Instructions/QC Requirements: Deliverable Requested: I, II, III, IV, Other (specify) Method of Shipment: Empty Kit Relinquished by: Date: Time: Date/Time: 8/18/2016 Amec FW Received by: Date/Time: Company Relinquished by: 08:17 ason K. Date/Time: Date/Time: Company Received by: Relinquished by: Date/Time: Company Date/Time: Company Received by: Relinquished by: Custody Seal No.: Cooler Temperature(s) °C and Other Remarks: Custody Seals Intact: Δ Yes Δ No

10 Hazelwood Drive

Amherst, NY 14228-2298 Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record



Sampler: Carrier Tracking No(s): Johnson, Orlette S 480-86277-21081.2 Client Information (Subcontract Laboratory) Jason Straut Client Contact: orlette.johnson@testamericainc.com Shipping and Receiving Page 2 of 4 Company: **Analysis Requested** AMA Analytical Services, Inc. Due Date Requested: Preservation Codes: 4475 Forbes Boulevard A-HCL M - Hexane TAT Requested (days): City: B - NaOH N - None 25 calendar days O - AsNaO2 Lanham C - Zn Acetate D - Nitric Acid P - Na204S per NYS State, Zip: E - NaHSO4 Q - Na2SO3 MD, 20706 F - MeOH R - Na2S2O3 PO#: S - H2SO4 G - Amchlor 301-459-2640/800-346-0961 Callout ID 122103 SUBCONTRACT - Asbestos PLM/TEM H - Ascorbic Acid T - TSP Dodecahydrate 1-Ice U - Acetone WO #: V - MCAA J - DI Water dhudson@amalab.com containers K - EDTA W - ph 4-5 Project Name: Project #: L-EDA Z - other (specify) Batavia Iron & Metal #819018 48008724 Other: SSOW#: 301 Bank St. to Total Number Matrix Sample (W=water, Type S=solid. Sample (C=comp, O=waste/oll, Special Instructions/Note: Sample Identification Sample Date Time G=grab) BT=TIssue, A=Alr) Preservation Code: Х P11-2-3 8/16/2016 NOB P7-1-1 8/16/2016 NOB X P7-1-2 8/16/2016 NOB Х P7-1-3 NOB Х 8/16/2016 X P7-2-1 NOB 8/16/2016 X P7-2-2 NOB 8/16/2016 NOB X P7-2-3 8/16/2016 X FTIMS NOB P7-3-1 8/16/2016 P7-3-2 NOB X 8/16/2016 X P7-3-3 NOB 8/16/2016 FILMS P7-4-1 NOB X 8/16/2016 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Possible Hazard Identification Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological Archive For Return To Client Disposal By Lab Months Deliverable Requested: I, II, III, IV, Other (specify) Special Instructions/QC Requirements: Method of Shipment: Empty Kit Relinquished by: Date: Time: Date/Time: 8/18/2016 08:17 Company PMECFW Relinquished by Received by: Date/Time: Company Jason D. Strau Relinquished by: Company Received by: Date/Time: Company Date/Time: Company Received by: Date/Time: Company Relinquished by: Custody Seal No .: Custody Seals Intact: Cooler Temperature(s) °C and Other Remarks: Δ Yes Δ No

10 Hazelwood Drive Amherst, NY 14228-2298 Phone (716) 691-7600 Fax (716) 691-7991

Chain of Custody Record



Phone (716) 691-2600 Fax (716) 691-7991	Sampler:			La	b PM:	_					-	Carrie	r Tracking	No(s):			COC No:	
Client Information (Subcontract Laboratory)	Jason Straut			- Jo	hnso	n, O	rlette	S						94 18 K			480-86277-21081	.3
Client Contact: Shipping and Receiving	Phone:				Mail: lette.j	johns	son@)testame	ricain	c.com							Page: Page 3 of 4	
Company: AMA Analytical Services, Inc.		iiiani			T				Ar	alysi	s Re	aues	ted				Job #:	
Address:	Due Date Requeste	:d:			J.		8.4		П		Т			TT		g č	Preservation Code	es:
4475 Forbes Boulevard City:	TAT Requested (da			-	-		198.6/198.4										A - HCL B - NaOH	M - Hexane N - None
Lanham	-	25 calenda	ır days		- 4		S 198										C - Zn Acetate D - Nitric Acid	O - AsNaO2 P - Na2O4S
State, Zip: MD, 20706							per NYS										E - NaHSO4 F - MeOH	Q - Na2SO3 R - Na2S2O3
Phone: 301-459-2640/800-346-0961	PO#: Callout ID 12210)3			(0)		250											S - H2SO4 T - TSP Dodecahydrate
Email: dhudson@amalab.com	WO#:				sor	No)	PLM									8	J - DI Water	U - Acetone V - MCAA
Project Name: Batavia Iron & Metal #819018	Project #: 48008724				3	S or	Asbestos PLM/TEM									containers	K - EDTA L - EDA	W - ph 4-5 Z - other (specify)
Site:	SSOW#:			***	Sample (Yes or No	SD (Ye	- Asbe									of cor	Other:	
301 Bank St.			0 1	Matrix			ACT									ber	***************************************	
			Sample Type	(W=water,	စ	rm M	SUBCONTRACT									Number		
Cample Identification	Sample Date	Sample Time	(C=comp, G=grab) BT	O=wastelol	ield '	Perform	SUBC									Total	Special Ins	structions/Note:
Sample Identification	Sample Date		Preservation			* /	N			6.75 A				His B		X	E La Caración de la C	
P7-4-2 FT MS	8/16/2016			NOB			Х											
P7-4-3 L	8/16/2016			NOB			Х											
P7-5-1	8/16/2016			NOB			Х											
P7-5-2	8/16/2016			NOB	\perp		Х											
P7-5-3	8/16/2016		115	NOB			Х											
P10-1-1	8/16/2016			NOB		L	Х							Ш				
P10-1-2	8/16/2016			NOB	\perp	L	Х											
P10-1-3	8/16/2016			NOB			Х											
P11-3-1	8/16/2016			NOB			Х										100	
P11-3-2	8/16/2016			NOB			Х											
P11-3-3	8/16/2016			NOB			Х											LANGUAGO CONTRA DE LA CONTRA DE
Possible Hazard Identification			D-#-III			Sa.		e Dispos Return To				7	sed if s sal By l		s are r		ed longer than 1 hive For	month) Months
Non-Hazard Flammable Skin Irritant Poliverable Requested: I, II, III, IV, Other (specify)	oison B Unk	nown -	Radiological	-	-	Sp		Instructi	-				sai by i	an		Arc	TIIVE FOI	IVIOTILITS
Empty Kit Relinquished by:		Date:		- 1.09	Т	ime:							Method o	f Shipme	ent:			
Relinquished by: Town R. Stract	Date/Time; Date/Time:		18 6	ompany				elved by:						Date/	ime:			Company
Relinquished by:	Date/Time:	_ 00-	Co	ompany	50		Rece	elved by:				-		Date/	lime:	-		Company
Relinquished by:	Date/Time:		Co	ompany	×		Rece	elved by:						Date/	ime:			Company
Custody Seals Intact: Custody Seal No.:							Cool	er Temper	ature(s	°C and	Other I	Remarks	:	-				1

10 Hazelwood Drive

Amherst. NY 14228-2298

Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record



Carrier Tracking No(s): Sampler: 480-86277-21081.3 Client Information (Subcontract Laboratory) Jason Straut Johnson, Orlette S Page: Phone: Client Contact: Page 4 of 4 orlette.johnson@testamericainc.com Shipping and Receiving Job #: Company: **Analysis Requested** AMA Analytical Services, Inc. Preservation Codes: Due Date Requested: per NYS 198.6/198.4 4475 Forbes Boulevard A - HCL M - Hexane B - NaOH N - None TAT Requested (days): C - Zn Acetate O - AsNaO2 25 calendar days Lanham P - Na2O4S D - Nitric Acid State, Zip: Q - Na2SO3 E - NaHSO4 MD. 20706 R - Na2S2O3 F - MeOH G - Amchlor S - H2SO4 Phone: SUBCONTRACT - Asbestos PLM/TEM 301-459-2640/800-346-0961 Callout ID 122103 H - Ascorbic Acid T - TSP Dodecahydrate U - Acetone 1 - Ice WO #: V - MCAA J - DI Water of containers dhudson@amalab.com W - ph 4-5 K - EDTA Project #: L-EDA Z - other (specify) 48008724 Batavia Iron & Metal #819018 Other: SSOW#: 301 Bank St. Total Number Matrix Sample (W=water, Type S=solid. Sample (C=comp, O=wastelell Special Instructions/Note: Sample Date Time G=grab) BT=Tissue, A=Alr Sample Identification Preservation Code: N X NOB 8/16/2016 P2-1-1 X NOB P2-1-2 8/16/2016 Х P2-1-3 8/16/2016 NOB X P2-2-1 8/16/2016 NOB X 8/16/2016 NOB P2-2-2 X 8/16/2016 NOB P2-2-3 X NOB 8/16/2016 P12-2-1 NOB X P12-2-2 8/16/2016 NOB X P12-2-3 8/16/2016 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Possible Hazard Identification Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological Archive For Return To Client X Disposal By Lab Months Special Instructions/QC Requirements: Deliverable Requested: I, II, III, IV, Other (specify) Method of Shipment: Date: Time: Empty Kit Relinquished by: Date/Time: Company Relinquished by Date/Time: 8/1 1/2016 08:18 Amec FW Received by: Received by: Date/Time: Company Relinquished by: Received by: Date/Time: Company Company Date/Time: Relinquished by: Cooler Temperature(s) °C and Other Remarks: Custody Seals Intact: Custody Seal No .: Δ Yes Δ No





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