

# DATA USABILITY SUMMARY REPORT

# **BENGART AND MEMEL SITE**

BENGART AND MEMEL BUFFALO (C) SITE NO. 915115 ERIE COUNTY, NY

Prepared for: NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION 270 Michigan Avenue Buffalo, New York 14203 Joe Martens, Commissioner

DIVISION OF ENVIRONMENTAL REMEDIATION

Prepared by: URS Corporation 77 Goodell Street Buffalo, New York 14203

May 2013

## DATA USABILITY SUMMARY REPORT

**BENGART AND MEMEL SITE** 

## **BUFFALO, NY**

Site No. 915115

**Prepared for:** 

# NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

**Analyses Performed by:** 

TestAmerica Laboratories, Inc. Amherst. NY

**Prepared by:** 

URS CORPORATION 77 GOODELL STREET BUFFALO, NY 14203

MAY 2013

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## **1.0 INTRODUCTION**

This Data Usability Summary Report (DUSR) has been prepared following the guidelines provided in New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation *DER-10 Technical Guidance for Site Investigation and Remediation, Appendix 2B - Guidance for Data Deliverables and the Development of Data Usability and Summary Reports*, May 2010. This DUSR discusses the data usability for 30 soil samples collected by NYSDEC personnel between December 22, 2009 and January 13, 2010 as part of clean-up activities at the Bengart and Memel site

## 2.0 ANALYTICAL METHODOLOGIES/DATA VALIDATION PROCEDURES

The soil samples were sent to TestAmerica Laboratories, Inc. (Amherst, NY) for analysis. The samples were analyzed for:

- Target Compound List (TCL) volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method SW8260B;
- TCL Semivolatile organic compounds (SVOCs) by USEPA Method 8270C;
- Pesticides by USEPA Method 8081A;
- Polychlorinated Biphenyl's (PCBs) by USEPA Method 8082; and
- Resource Conservation and Recovery Act (RCRA) Metals by USEPA Method 6010B/7471A

Not all samples were analyzed for all parameters.

A limited data validation was performed in accordance with the guidelines in the following USEPA Region II documents:

- Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8260B, SOP HW-24, Rev. 2, August 2008.
- Validating Semivolatile Organic Compounds by SW-846 Method 8270D, HW-22, Revision 4, August 2008;
- Validating Pesticide Compounds Organochlorine Pesticides by Gas Chromatography SW-846 Method 8081B, SOP HW-44, Revision 1, October 2006;
- Validating PCBs by Gas Chromatography SW-846 Method 8082A, SOP HW-45, Revision 1, October 2006; and
- Evaluation of Metals Data for the CLP Program, SOPs HW-2a and HW-2c, Revision 15, December 2012.

The limited validation included: a review of completeness of all required deliverables; holding times; a review of quality control (QC) results [blanks, instrument tunings, calibration standards, duplicate analyses, and matrix spike/matrix spike duplicate (MS/MSD)/laboratory control sample (LCS)

recoveries] to determine if the data are within the protocol-required limits and specifications; a determination that all samples were analyzed using established and agreed upon analytical protocols; an evaluation of the raw data to confirm the results provided in the data summary sheets; and a review of laboratory data qualifiers.

Qualifications applied to the data include 'J' (estimated concentration), 'UJ' [non-detect, estimated quantitation limit (QL)], 'NJ' (tentatively identified, estimated concentration), 'U' (not detected), and 'R' (rejected). Definitions of USEPA Region II data qualifiers are presented at the end of this text. A summary of data qualifications is provided in Table 1. Copies of the validated laboratory results (i.e., Form 1's) are presented in Attachment A. Documentation supporting the qualification of data is presented in Attachment B. Only analytical deviations affecting data usability are discussed in this report.

#### 3.0 DATA DELIVERABLE COMPLETENESS

Full deliverable data packages [i.e., NYSDEC Analytical Services Protocol (ASP) Category B (or equivalent)] were provided by the laboratory, which included all reporting forms and raw data necessary to fully evaluate and verify the reported analytical results.

#### 4.0 SAMPLE RECEIPT/PRESERVATION/HOLDING TIMES

All samples were received by the laboratory intact, properly preserved, and under proper chainof-custody (COC). All samples were analyzed within the required holding times.

#### 5.0 NON-CONFORMANCES

#### **Instrument Calibration**

The percent difference (%D) between the VOC initial calibration (ICAL) average RRF and the RRF in the continuing calibration (CCAL) standards (or the %D between calculated and expected values when linear regressions or quadratic functions were used in the ICAL) exceeded the QC limit of 20% for one or more of the following VOCs: 1,2-dibromo-3-chloropropane, 2-butanone, trans-1,3-dichloropropene, bromoform, and/or dibromochloromethane. The results for one or more of these compounds were qualified 'J' or 'UJ' in the associated samples listed on Table 1.

The %D between the SVOC ICAL average RRF and the RRF in the CCAL standards (or the %D between calculated and expected values when linear regressions or quadratic functions were used in the ICAL) exceeded the QC limit of 20% for one or more of the following SVOCs: 2,4-dinitrophenol, bis(2-ethylhexyl)phthalate, butyl benzyl phthalate, and/or n-nitrosodi-n-propylamine. The results for one or more of these compounds were qualified 'UJ' in the associated samples listed on Table 1.

The %D between the pesticide ICAL response factor and the response factor in the CCAL standards exceeded the QC limit of 20% for one or more of the following pesticides: 4,4-DDT, endosulfan II, and/or methyoxychlor. The results for one or more of these pesticides were qualified 'J' or 'UJ' in the associated samples listed on Table 1.

#### Matrix Spike/Matrix Spike Duplicates

The percent recoveries (%R) of barium in the MS/MSD analysis of sample BM-CONFIRM-C3-F and BM-CONFIRM-C9-F were below the lower QC limits. The results for the barium in the associated samples listed on Table 1 were qualified 'J'.

#### **QC Blanks**

Delta-BHC, endrin, gamma-chlordane, and Aroclor 1254 were detected at concentrations below the QL in the pesticide and PCB method blanks. Those associated samples that had detected concentrations of these compounds below the QL have been qualified 'U' at the QL, as listed on Table 1.

Arsenic (As), barium (Ba), chromium (Cr), and lead (Pb) were detected at concentrations below the QL in the metals method blanks.

In those cases where the sample results (both pesticide/PCBs and metals) were greater than the QL, the 'B' qualifier applied by the laboratory has been crossed off.

#### **Serial Dilutions**

The %D of the metals serial dilution performed on sample BM-CONFIRM-C3-F exceeded the QC limit of 15% for barium and chromium. The results for these metals were qualified 'J' as detailed on Table 1.

#### **Surrogates**

The %Rs of pesticide surrogates tetrachloro-m-xylene (TMX) and/or decachlorobiphenyl (DCB) were below the QC limits on the initial and/or confirmation columns for the associated samples listed on Table 1. The results for all pesticides in those samples have been qualified 'J' or 'UJ'.

The %Rs of PCB surrogates TMX and/or DCB were outside of the QC limits on the initial and/or confirmation columns for the associated samples listed on Table 1. The results for the affected PCBs in those samples have been qualified 'J' or 'UJ'.

Several samples were only analyzed for pesticides at a dilution, thus causing the surrogates to be diluted out. Samples that were analyzed at a dilution were not qualified due to surrogate outliers.

#### 6.0 SAMPLE RESULTS AND REPORTING

All results and quantitation/detection limits were reported in accordance with method requirements and were adjusted for sample volume, percent solids, and dilution factors. Results reported from a secondary dilution were qualified 'D'. Results greater than or equal to the method detection limit (MDL) but below the QL were qualified 'J' by the laboratory.

Several samples were only analyzed at a dilution due to the high concentration of target compounds. The QLs for the non-detect compounds are the lowest achievable at the diluted level.

The %D between the initial column result and the confirmation column result for several pesticides and PCBs exceeded the QC limit of 25% for the samples listed on Table 1. The results were qualified 'J', 'NJ', or 'R' depending on the severity of the exceedance.

#### 7.0 SUMMARY

All sample analyses were found to be compliant with the method criteria, except where previously noted. Those results qualified 'J', 'UJ', or 'NJ' are considered conditionally usable. Those results qualified 'U' are considered non-detect. Those results qualified 'R' are not usable. All other sample results are usable as reported. URS does not recommend the recollection of any samples at this time.

Date: 5/04/13 F Date: 5/28/13 Ann Marie Kropovitch, Chemist Prepared By: Peter R. Fairbanks, Senior Chemist **Reviewed By:** 

### DEFINITIONS OF USEPA REGION II DATA QUALIFIERS

- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
- D The positive value is the result from a secondary dilution analysis.
- NJ– The analysis indicates the presence of an anayte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

		TABLE 1								
	SUMM	ARY OF DATA QUALIFICATIONS								
BENGART AND MEMEL SITE										
Fraction	Sample ID	Reason	Action							
VOCs	BM-CONFIRM-C1-F and BM-CONFIRM-W1	CCAL %D > 20% for 2-butanone, trans-1,3- dichloropropene, bromoform, and dibromochloromethane.	Qualify detected results 'J' and non- detected results 'UJ'.							
VOCs	BM-CONFIRM-W2 and BM- CONFIRM-W3	CCAL %D > 20% for 1,2-dibromo-3- chloropropane and bromoform.	Qualify non-detected results 'UJ'.							
SVOCs	BM-CONFIRM-W10	CCAL %D > 20% for bis(2-ethylhexyl)phthalate, butyl benzyl phthalate, and n-nitrosodi-n- propylamine.	Qualify non-detected results 'UJ'.							
SVOCs	BM-CONFIRM-C9-F, BM- CONFIRM-C10-F, and BM- CONFIRM-C11-F	CCAL %D > 20% for bis(2-ethylhexyl)phthalate.	Qualify non-detected results 'UJ'.							
SVOCs	BM-CONFIRM-C1-F, BM- CONFIRM-W1, BM- CONFIRM-W2, and BM- CONFIRM-W3	CCAL %D > 20% for 2,4-dintrophenol.	Qualify non-detected results 'UJ'.							
Pesticides	BM-CONFIRM-C8-F	Surrogate %Rs for TMX < QC limits on both initial/confirmation columns.	Qualify detected results 'J' and non- detected results 'UJ'.							
Pesticides	BM-CONFIRM-C7-F	Surrogate %Rs for TMX < QC limits on both initial/confirmation columns, %R for surrogate DCB < QC limit on confirmation column.	Qualify detected results 'J' and non- detected results 'UJ'.							
Pesticides	BM-CONFIRM-C3-F, BM- CONFIRM-C4-F, BM- CONFIRM-C5-F, and BM- CONFIRM-W5	MBLK contamination for gamma-chlordane, sample results < QL.	Qualify results 'U' at the QL.							
Pesticides	BM-CONFIRM-C1-F, BM- CONFIRM-C2-F1, BM- CONFIRM-C8-F, and BM- CONFIRM-W3	MBLK contamination for endrin, sample results <ql.< td=""><td>Qualify results 'U' at the QL.</td></ql.<>	Qualify results 'U' at the QL.							
Pesticides	BM-CONFIRM-C11-F	BHC MBLK contamination for delta-BHC, sample results <ql.< td=""><td>Qualify results 'U' at the QL.</td></ql.<>	Qualify results 'U' at the QL.							
Pesticides	BM-CONFIRM-C1-F and BM- CONFIRM-C2-F1	CCAL %D > 20% for methoxychlor.	Qualify non-detected results 'UJ'.							
Pesticides	BM-CONFIRM-C6-F (4,4'- DDT only, endosulfan II 'R'), BM-CONFIRM-W6, BM- CONFIRM-W7, BM- CONFIRM-W8 (4,4'-DDT only, endosulfan II 'R'), and BM-CONFIRM-W9	CCAL %D > 20% for 4,4;-DDT and/or endosulfan II.	Qualify detected results 'J' and non- detected results 'UJ'.							
Pesticides	BM-CONFIRM-C9-F	%D between initial/confirmation column between 26-70% for delta-BHC and endrin.	Qualify detected results 'J'.							

# TABLE 1

# SUMMARY OF DATA QUALIFICATIONS

## **BENGART AND MEMEL SITE**

Fraction	Sample ID	Reason	Action
Pesticides	BM-CONFIRM-C9-F	%D between initial/confirmation column >101% (no interference present) for methoxychlor.	Qualify detected results 'R'.
Pesticides	BM-CONFIRM-W10	%D between initial/confirmation column between 26-70% for 4,4-DDE, dieldrin, endrin, and endosulfan sulfate.	Qualify detected results 'J'.
Pesticides	BM-CONFIRM-W10	%D between initial/confirmation column >101% (no interference present) for endrin ketone.	Qualify detected results 'R'.
Pesticides	BM-CONFIRM-W10	%D between initial/confirmation column >201% for endosulfan II and endrin aldehyde.	Qualify detected results 'R'.
Pesticides	BM-CONFIRM-C7-F	%D between initial/confirmation column >201% for 4,4'-DDT and gamma-chlordane .	Qualify detected results 'R'.
Pesticides	BM-CONFIRM-C7-F and BM-CONFIRM-W1	%D between initial/confirmation column >101% (no interference present) for dieldrin.	Qualify detected results 'R'.
Pesticides	BM-CONFIRM-W7	%D between initial/confirmation column >101% (no interference present) for dieldrin and gamma-chlordane.	Qualify detected results 'R'.
Pesticides	BM-CONFIRM-W7 and BM- CONFIRM-W9	%D between initial/confirmation column between 26-70% for endrin.	Qualify detected results 'J'.
Pesticides	BM-CONFIRM-C1-F, BM- CONFIRM-W8, BM- CONFIRM-W4, and BM- CONFIRM-W3	%D between initial/confirmation column >201% for endosulfan II.	Qualify detected results 'R'.
Pesticides	BM-CONFIRM-C1-F	%D between initial/confirmation column >101% (no interference present) for endosulfan I.	Qualify detected results 'R'.
Pesticides	BM-CONFIRM-C1-F	%D between initial/confirmation column between 26-70% for 4,4'-DDD and gamma-chlordane.	Qualify detected results 'J'.
Pesticides	BM-CONFIRM-C2-F1 and BM-CONFIRM-C6-F	%D between initial/confirmation column >101% (no interference present) for endosulfan II.	Qualify detected results 'R'.
Pesticides	BM-CONFIRM-C2-F1	%D between initial/confirmation column between 26-70% for 4,4'-DDD, delta-BHC, and gamma-chlordane.	Qualify detected results 'J'.
Pesticides	BM-CONFIRM-W8	%D between initial/confirmation column >101% (no interference present) for dieldrin and gamma-chlordane.	Qualify detected results 'R'.
Pesticides	BM-CONFIRM-W9	%D between initial/confirmation column >201% for dieldrin and endosulfan II.	Qualify detected results 'R'.
Pesticides	BM-CONFIRM-W9	%D between initial/confirmation column >101% (no interference present) for endosulfan I and gamma-chlordane.	Qualify detected results 'R'.
Pesticides	BM-CONFIRM-C6-F	%D between initial/confirmation column >201% for gamma-chlordane.	Qualify detected results 'R'.

# TABLE 1

## SUMMARY OF DATA QUALIFICATIONS

## **BENGART AND MEMEL SITE**

Fraction	Sample ID	Reason	Action
Pesticides	BM-CONFIRM-C6-F, BM- CONFIRM-C5-F, BM- CONFIRM-W4, and BM- CONFIRM-W2	%D between initial/confirmation column between 26-70% for 4,4'-DDT.	Qualify detected results 'J'.
Pesticides	BM-CONFIRM-W3	%D between initial/confirmation column >101% (no interference present) for gamma-chlordane and heptachlor epoxide.	Qualify detected results 'R'.
Pesticides	BM-CONFIRM-C4-F	%D between initial/confirmation column between 71-100% (interference detected) for dieldrin.	Qualify detected results 'NJ'.
Pesticides	BM-CONFIRM-W5	%D between initial/confirmation column between 26-70% for 4,4'-DDD. 4,4'-DDE, 4,4'-DDT, endrin, and endrin aldehyde.	Qualify detected results 'J'.
PCBs	BM-CONFIRM-W2	Surrogate %Rs for DCB within 150-200% on initial column.	Qualify detected results 'J'.
PCBs	BM-CONFIRM-C8-F	Surrogate %Rs for TMX < 30% on both columns.	Qualify non-detected results 'UJ'.
PCBs	BM-CONFIRM-C3-F, BM- CONFIRM-C4-F, BM- CONFIRM-C5-F, and BM- CONFIRM-C7-F	MBLK contamination for Aroclor 1254, sample results <ql.< td=""><td>Qualify detected results 'U' at the QL.</td></ql.<>	Qualify detected results 'U' at the QL.
PCBs	BM-CONFIRM-C9-F, BM- CONFIRM-C1-F, BM- CONFIRM-C4-F, BM- CONFIRM-W9, and BM- CONFIRM-C7-F	%D between initial/confirmation column between 26-70% for Aroclor 1260.	Qualify detected results 'J'.
PCBs	BM-CONFIRM-C1-F	%D between initial/confirmation column between 71-100% for Aroclor 1248.	Qualify detected results 'NJ'.
PCBs	BM-CONFIRM-C2-F1	%D between initial/confirmation column >101% (no interference detected) for Aroclors 1248 and 1260.	Qualify detected results 'R'.
PCBs	BM-CONFRIM-C2-F1 and BM-CONFIRM-W3	%D between initial/confirmation column between 26-70% for Aroclor 1254.	Qualify detected results 'J'.
PCBs	BM-CONFIRM-W1	%D between initial/confirmation column between 26-70% for Aroclor 1248, 1254, and 1260.	Qualify detected results 'J'.
PCBs	BM-CONFIRM-W2	%D between initial/confirmation column between 26-70% for Aroclor 1248.	Qualify detected results 'J'.
PCBs	BM-CONFIRM-W2	%D between initial/confirmation column between 71-100% for Aroclor 1260.	Qualify detected results 'NJ'.
PCBs	BM-CONFIRM-W4 and BM- CONFIRM-W8	%D between initial/confirmation column between 26-70% for Aroclor 1254 and 1260.	Qualify detected results 'J'.
PCBs	BM-CONFIRM-C6-F	%D between initial/confirmation column >101% (no interference detected) for Aroclor 1260.	Qualify detected results 'R'.

TABLE 1 SUMMARY OF DATA QUALIFICATIONS BENGART AND MEMEL SITE									
Fraction	Sample ID	Reason	Action						
Metals	BM-CONFIRM-C2-F2, BM- CONFIRM-C3-F, BM- CONFIRM-C4-F, BM- CONFIRM-C5-F, BM- CONFIRM-C9-F, BM- CONFIRM-C10-F, BM- CONFIRM-C11-F, BM- CONFIRM-W4, BM- CONFIRM-W5, and BM- CONFIRM-W10	MS/MSD %R < QC limit for Ba.	Qualify detected results 'J'.						
Metals	BM-CONFIRM-C3-F	Serial dilution %D > 15% for Ba and Cr.	Qualify detected results 'J'.						

# ATTACHMENT A

# VALIDATED FORM 1's

#### 8260B

Laboratory:	TestAmerica Buffa	llo			SDG:	RSL0991		
lient:	New York State D.E.C Buffalo, NY			Project:	NYSDEC - REGION 9 REMEDIATION/SPILLS			
Aatrix:	<u>Solid</u>	Labo	ratory ID:	<u>RSL099</u>	<u>1-01</u>	File ID:	<u>F2442.D</u>	
ampled:	12/22/09 13:45	Prep	ared:	<u>12/28/09</u>	18:40	Analyzed:	<u>12/29/09 00:37</u>	
olids:	90.72	Prep	aration:	5030B N	<u>15</u>	Initial/Final:	<u>5.1 g/5 mL</u>	
Batch:	<u>9L28068</u>	Sequence:	<u>RL92818</u>		Calibration:	<u>R9L1503</u>	Instrument:	HP5973F
CAS NO.	COMPOUND				DILUTION	CON	NC. (ug/kg)	Q
71-55-6	1.1.1-Trichloroetha				1		5.4	U
79-34-5	1,1,2,2-Tetrachlorg				1		5.4	U
76-13-1	1,1,2-Trichloro-1,2		ne		1		5.4	U
79-00-5	1,1,2-Trichloroeth				1		5.4	U
75-34-3	1,1-Dichloroethane				1		5.4	U
75-35-4	1,1-Dichloroethene				1		5.4	U
120-82-1	1,2,4-Trichloroben			2.57	1		5.4	U
96-12-8	1,2-Dibromo-3-chl				1		5.4	U U
106-93-4	1,2-Dibromoethan				1		5.4	υ
95-50-1	1,2-Dichlorobenze				1		5.4	
107-06-2	1,2-Dichloroethand				1		5.4	U
78-87-5	1,2-Dichloropropa				1		5.4	U
541-73-1	1,3-Dichlorobenze		****		1		5.4	U
106-46-7	1,4-Dichlorobenze				1		2.5	J
78-93-3	2-Butanone				1		27	ע ע
591-78-6	2-Hexanone				1		27	U
108-10-1	4-Methyl-2-pentan	0716			1		27	U
67-64-1	Acetone				1		44	
71-43-2	Benzene				1		5.4	U
75-27-4	Bromodichloromet	thane			1		5.4	U
75-25-2	Bromoform				1		5.4	U
74-83-9	Bromomethane				1		5.4	U
75-15-0	Carbon disulfide				1		5.4	U
56-23-5	Carbon Tetrachlori	ide			1		5.4	U
108-90-7	Chlorobenzene				1		32	
75-00-3	Chloroethane				1		5.4	U
67-66-3	Chloroform				1		5.4	U
74-87-3	Chloromethane				1		5.4	U
156-59-2	cis-1,2-Dichloroet	hene			1		5.4	υ
10061-01-5	cis-1,3-Dichloropr				1		5.4	U
110-82-7	Cyclohexane				1		5.4	υ
124-48-1	Dibromochlorome	thane			1		5.4	U
75-71-8	Dichlorodifluorom	1122 -			1		5.4	U
100-41-4	Ethylbenzene				1		3.1	J
98-82-8	Isopropylbenzene				1		5.4	U
79-20-9	Methyl Acetate				1		5.4	U
108-87-2	Methylcyclohexan	e			1	-	5.4	U
75-09-2	Methylene Chlorid				1		6.0	
1634-04-4	Methyl-t-Butyl Eth				1		5.4	υ

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#### 8260B

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991	RSL0991		
Client:	New York State D.E.C Buffalo, NY			Project: <u>NYSDEC - REGION 9 REMEDIATI</u>		ION/SPILLS CO		
Matrix:	Solid	Laboratory ID:	<u>RSL099</u>	<u>1-01</u>	File ID:	F2442.D		
Sampled:	<u>12/22/09 13:45</u>	Prepared:	<u>12/28/09</u>	18:40	Analyzed:	<u>12/29/09 00:37</u>		
Solids:	<u>90.72</u>	Preparation:	<u>5030B N</u>	<u>4S</u>	Initial/Final:	<u>5.1 g / 5 mL</u>		
Batch:	<u>9L28068</u> Seque	nce: <u>RL92818</u>	3	Calibration:	<u>R9L1503</u>	Instrument:	<u>HP5973F</u>	
CAS NO.	COMPOUND			DILUTION	CON	C. (ug/kg)	Q	
100-42-5	Styrene			1	-	5.4	U	
127-18-4	Tetrachloroethene			1	5.4		U	
108-88-3	Toluene			.1	1.3		1	
156-60-5	trans-1,2-Dichloroethene			1	5.4		U	
10061-02-6	trans-1,3-Dichloroproper	ne		÷ 1	5.4		U	
79-01-6	Trichloroethene			1		5.4	U	
75-69-4	Trichlorofluoromethane			1		5.4	U	
75-01-4	Vinyl chloride			1		11	U	
1330-20-7	Xylenes, total			1		3.5	1	
SYSTEM MON	ITORING COMPOUND	ADDE	D (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q	
1,2-Dichloroeth	ane-d4	5	0.0	53.0	106	64 - 126		
4-Bromofluorob	enzene	5	50.0	52.2	104	72 - 126		
Toluene-d8			50.0	55.9	112	71 - 125		

Laboratory:	TestAmerica Buffal	<u>o</u>	SDG:	RSL0991			
Client:	New York State D.E.C Buffalo, NY		Project:	NYSDEC - REC	NYSDEC - REGION 9 REMEDIATION/SPILLS CO		
Matrix:	Solid	Laboratory ID:	<u>RSL1135-02</u>	File ID:	F2482.D	,	
Sampled:	<u>12/29/09 13:30</u>	Prepared:	<u>12/31/09 11:31</u>	Analyzed:	12/31/09 16:41		
Solids:	55.96	Preparation:	5030B MS	Initial/Final:	5.01 g / 5 mL		
Batch:		Sequence: <u>RL93105</u>	Calibration:	<u>R9L1503</u>	Instrument:	HP5973F	
CAS NO.	COMPOUND	<u>1003105</u>	DILUTION				
					NC. (ug/kg)	Q	
71-55-6	1,1,1-Trichloroetha		1		8.9	<u> </u>	
79-34-5	1,1,2,2-Tetrachloro		1		8.9	U	
76-13-1	1,1,2-Trichloro-1,2,				8.9	U	
79-00-5	1,1,2-Trichloroetha		1		8.9	<u> </u>	
75-34-3	1,1-Dichloroethane		1		8.9	U	
75-35-4	1,1-Dichloroethene		1		8.9	U	
120-82-1	1,2,4-Trichlorobenz	0.000000	1		8.9	U	
96-12-8	1,2-Dibromo-3-chlo		1		8.9	U	
106-93-4	1,2-Dibromoethane		1		8.9	U	
95-50-1	1,2-Dichlorobenzen		1		8.9	U	
107-06-2	1,2-Dichloroethane		1		8.9	U	
78-87-5	1,2-Dichloropropan	e	1		8.9	U	
541-73-1	1,3-Dichlorobenzen	ie	1		8.9	U	
106-46-7	1,4-Dichlorobenzen	e	1		8.9	U	
78-93-3	2-Butanone		1		45	U	
591-78-6	2-Hexanone		1		45	U	
108-10-1	4-Methyl-2-pentanc	one	1		45	U	
67-64-1	Acetone		1		19	1	
71-43-2	Benzene		1		8.9	U	
75-27-4	Bromodichlorometh	ane	1		8.9	U	
75-25-2	Bromoform		1		8.9	U	
74-83-9	Bromomethane		1		8.9	U	
75-15-0	Carbon disulfide		1		8.9	U	
56-23-5	Carbon Tetrachlorid	1e	1		8.9	U	
108-90-7	Chlorobenzene		1		8.9	U	
75-00-3	Chloroethane	······································	1		8.9	U	
67-66-3	Chloroform		1		8.9	υ	
74-87-3	Chloromethane		1		8.9	U U	
156-59-2	cis-1,2-Dichloroeth	ene	1		8.9	U U	
10061-01-5	cis-1,3-Dichloropro		1		8.9	<u>บ</u>	
110-82-7	Cyclohexane	Perre	1		8.9	<u>บ</u>	
124-48-1	Dibromochlorometl	hane	1		8.9		
75-71-8	Dichlorodifluorome		1		8.9		
100-41-4	Ethylbenzene	Allone.				<u> </u>	
98-82-8	Isopropylbenzene		1		8.9	U	
			1		8.9	U	
79-20-9	Methyl Acetate		1		8.9	<u> </u>	
108-87-2	Methylcyclohexane				8.9	U	
75-09-2	Methylene Chloride		1		5.8	J	
1634-04-4	Methyl-t-Butyl Ethe	er (MTBE)	1		8.9	U	

#### 8260B

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C	Buffalo, NY		Project:	NYSDEC - REGI	ON 9 REMEDIAT	ION/SPILLS CO
Matrix:	<u>Solid</u>	Laboratory ID:	<u>RSL113</u>	<u>5-02</u>	File ID:	F2482.D	
Sampled:	<u>12/29/09 13:30</u>	Prepared:	<u>12/31/09</u>	0 11:31	Analyzed:	<u>12/31/09 16:41</u>	
Solids:	55.96	Preparation:	<u>5030B N</u>	<u>45</u>	Initial/Final:	5.01 g / 5 mL	
Batch:	<u>9L31014</u> Sequer	- nce: <u>RL93105</u>		Calibration:	<u>R9L1503</u>	Instrument:	HP5973F
CAS NO.	COMPOUND			DILUTION	CONC	. (ug/kg)	Q
100-42-5	Styrene			1		8.9	U
127-18-4	Tetrachloroethene			1		8.9	U
108-88-3	Toluene				8.9		υ
156-60-5	trans-1,2-Dichloroethene	trans-1,2-Dichloroethene			8.9		U
10061-02-6	trans-1,3-Dichloropropen	B		1	8.9		U
79-01-6	Trichloroethene			1		8.9	U
75-69-4	Trichlorofluoromethane			1	8.9		U
75-01-4	Vinyl chloride			1	18		U
1330-20-7	Xylenes, total			1		18	U
SYSTEM MON	ITORING COMPOUND	ADDEI	) (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,2-Dichloroeth	ane-d4	51	0.0	54.5	109	64 - 126	
4-Bromofluorol	enzene	5	0.0	51.2	102	72 - 126	
Toluene-d8 50.0			54.7	109	71 - 125		
INTERNAL ST	L STANDARD AREA			RT	REF AREA	REF RT	Q
1,4-Dichlorober	robenzene-d4 210497			9.36	221865	9.36	
1,4-Difluorober	Izene	393	3216	4.32	429975	4.32	
Chlorobenzene-	d5	193	3717	6.92	210382	6.92	

Laboratory:	TestAmerica Buffalo	2			SDG:	RSL0991		
Client:	New York State D.E	.C Buffalo, NY			Project:	NYSDEC - REC	GION 9 REMEDIA	TION/SPILLS CO
Matrix:	<u>Solid</u>	Laboratory	y ID: ]	RSL113	<u>5-01</u>	File ID:	F2481,D	
Sampled:	12/28/09 14:30	Prepared:		12/31/09	11:31	Analyzed:	12/31/09 16:15	
Solids:	81.86	Preparation	n: :	5030B M	15	Initial/Final:	5,06 g / 5 mL	
Batch:		-	RL93105		Calibration:	<u>R9L1503</u>	Instrument:	<u>HP5973F</u>
CAS NO.	COMPOUND				DILUTION		NC. (ug/kg)	Q
71-55-6	1,1,1-Trichloroethan				1		6.0	U
79-34-5	1,1,2,2-Tetrachloroet				1		6.0	U
76-13-1	1,1,2-Trichloro-1,2,2				1		6.0	U
79-00-5	1,1,2-Trichloroethan				1		6.0	U U
75-34-3	1,1-Dichloroethane	C			1		6.0	U
75-35-4	1,1-Dichloroethene				1	_	6.0	U
120-82-1	1,2,4-Trichlorobenze				1		6.0	U U
96-12-8	1,2-Dibromo-3-chlor				1		6.0	U
106-93-4	1,2-Dibromoethane	opropane			1		6.0	U
95-50-1	1,2-Dichlorobenzene				1		6.0	U U
107-06-2	1,2-Dichloroethane				1		6.0	U U
78-87-5	1,2-Dichloropropane		- 241		1		6.0	U
541-73-1	1,3-Dichlorobenzene				1		6.0	U
106-46-7	1.4-Dichlorobenzene				1		6.0	U
78-93-3	2-Butanone				1		30	U
591-78-6	2-Hexanone				1		30	U
108-10-1	4-Methyl-2-pentanor				1		30	U
67-64-1	Acetone	le			1		19	J
71-43-2	Benzene				1		6.0	U U
75-27-4	Bromodichlorometh				1	-	6.0	U
75-25-2	Bromoform				1		6.0	U U
74-83-9	Bromomethane				1		6.0	U
75-15-0	Carbon disulfide				1		6.0	U
56-23-5	Carbon Tetrachloride				1		6.0	U
108-90-7	Chlorobenzene				1		6.0	U U
75-00-3	Chloroethane				1		6.0	U U
67-66-3	Chloroform				1	-	6.0	U U
74-87-3	Chloromethane	1			1		6.0	U U
156-59-2	cis-1,2-Dichloroethe	<b>n</b> e			1		6,0	U
10061-01-5	cis-1,3-Dichloroprop				1		6.0	U U
110-82-7	Cyclohexane				1		6.0	U U
124-48-1	Dibromochlorometh	ane			1		6.0	υ
75-71-8	Dichlorodifluoromet				1		6.0	U U
100-41-4	Ethylbenzene	hade			1		6.0	U U
98-82-8	Isopropylbenzene		~~~~					
79-20-9	Methyl Acetate			<del></del>	1		6.0	U
108-87-2	Methylcyclohexane				1		6.0	U
75-09-2					1		6.0	U
	Methylene Chloride				1		3.8	J
1634-04-4	Methyl-t-Butyl Ether	r (MTBE)			1		6.0	U

#### 8260B

aboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client: <u>New York State D.E.C Buffalo, NY</u>				Project:	NYSDEC - REGION 9 REMEDIATION/SPILLS CO		
Matrix:	Solid La	boratory ID:	<u>RSL113</u>	<u>5-01</u>	File ID:	<u>F2481.D</u>	
Sampled:	<u>12/28/09 14:30</u> Pro	pared:	12/31/09	9 11:31	Analyzed:	<u>12/31/09 16:15</u>	
Solids:	<u>81.86</u> Pro	paration:	5030B N	AS	Initial/Final:	5.06 g / 5 mL	
Batch:	<u>9L31014</u> Sequence:	<u>RL93105</u>		Calibration:	<u>R9L1503</u>	Instrument:	<u>HP5973F</u>
CAS NO.	COMPOUND			DILUTION	CONC	. (ug/kg)	Q
100-42-5	Styrene			1		5.0	U
127-18-4	Tetrachloroethene			1		5.0	U
108-88-3	Toluene			1	6.0		U
156-60-5	trans-1,2-Dichloroethene			1	6.0		U
10061-02-6	trans-1,3-Dichloropropene			1	6.0		U
79-01-6	Trichloroethene			1	6.0		U
75-69-4	Trichlorofluoromethane			1	6.0		U
75-01-4	Vinyl chloride			1	12		U
1330-20-7	Xylenes, total			1		12	U
SYSTEM MON	ITORING COMPOUND	ADDED	(ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,2-Dichloroeth	ane-d4	50	.0	54.8	110	64 - 126	
4-Bromofluorob	enzene	50	.0	51.7	103	72 - 126	
Toluene-d8 50.0			.0	54.9	110	71 - 125	
INTERNAL STANDARD AREA			EA	RT	REF AREA	REF RT	Q
1,4-Dichlorober	izene-d4	215	788	9.36	221865	9.36	
1,4-Difluorober	zene	4094	436	4.32	429975	4.32	
Chlorobenzene-	d5	2010	047	6.92	210382	6.92	

Laboratory:	TestAmerica Buffalo		SDG:	RSL0991		
Client:	New York State D.E.C	<u>Buffalo, NY</u>	Project:	NYSDEC - REC	GION 9 REMEDIA	TION/SPILLS C
Matrix:	Solid	Laboratory ID:	<u>RSL1135-03</u>	File ID:	<u>F2483.D</u>	
Sampled:	12/30/09 15:00	Prepared:	<u>12/31/09 11:31</u>	Analyzed:	12/31/09 17:06	Y I
Solids:	77.53	Preparation:	5030B MS	Initial/Final:	<u>5.19 g / 5 mL</u>	
Batch:	<u>9L31014</u> Sequer	_	Calibration:	<u>R9L1503</u>	Instrument:	HP5973F
CAS NO.	COMPOUND	<u>rddyprop</u>	DILUTION		NC. (ug/kg)	Q
71-55-6						U U
79-34-5	1,1,1-Trichloroethane		1		6.2	
76-13-1	1,1,2,2-Tetrachloroethane		1		6.2	U
	1,1,2-Trichloro-1,2,2-triff	uoroethane	1		6.2	U
79-00-5	1,1,2-Trichloroethane		1		6.2	U
75-34-3	1,1-Dichloroethane		1		6.2	<u> </u>
75-35-4	1,1-Dichloroethene		1		6.2	<u> </u>
120-82-1	1,2,4-Trichlorobenzene		1		6.2	U
96-12-8	1,2-Dibromo-3-chloropro	pane	1		6.2	<u> </u>
106-93-4	1,2-Dibromoethane		1		6.2	U
95-50-1	1,2-Dichlorobenzene		1		6.2	U
107-06-2	1,2-Dichloroethane		1		6.2	U
78-87-5	1,2-Dichloropropane		1		6.2	U
541-73-1	1,3-Dichlorobenzene		1		6.2	U
106-46-7	1,4-Dichlorobenzene		1		6.2	U
78-93-3	2-Butanone		1		31	U
591-78-6	2-Hexanone		1		31	U
108-10-1	4-Methyl-2-pentanone		1		31	U
67-64-1	Acetone		1		17	1
71-43-2	Benzene		1		6.2	υ
75-27-4	Bromodichloromethane		1		6.2	U
75-25-2	Bromoform		1		6.2	U
74-83-9	Bromomethane		1		6.2	U
75-15-0	Carbon disulfide	(1)	1		6.2	υ
56-23-5	Carbon Tetrachloride		1		6.2	U
108-90-7	Chlorobenzene	· · · · · · · · · · · · · · · · · · ·	1		6.2	U
75-00-3	Chloroethane		1		6.2	U
67-66-3	Chloroform		1		6.2	U
74-87-3	Chloromethane		1		6.2	U U
156-59-2	cis-1,2-Dichloroethene		1		6.2	U U
10061-01-5	cis-1,3-Dichloropropene	· · · · · · · · · · · · · · · · · · ·	1		6.2	UU
110-82-7	Cyclohexane					
124-48-1	Dibromochloromethane	10			6.2	<u> </u>
75-71-8			1		6.2	<u> </u>
100-41-4	Dichlorodifluoromethane		1		6.2	U
	Ethylbenzene		1	_	6.2	<u> </u>
98-82-8	Isopropylbenzene		1		6.2	U
79-20-9	Methyl Acetate				6.2	U
108-87-2	Methylcyclohexane		1		6.2	<u> </u>
75-09-2	Methylene Chloride		1		3.9	J
1634-04-4	Methyl-t-Butyl Ether (MI	rbe)	1		6.2	U

#### 8260B

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C Buffale	<u>, NY</u>		Project:	NYSDEC - REGI	<u>ON 9 REMEDIAT</u>	TON/SPILLS CO
Matrix:	Solid Lab	wratory ID:	<u>RSL1135-03</u>		File ID:	F2483.D	
Sampled:	<u>12/30/09 15:00</u> Pre	pared:	12/31/09	11:31	Analyzed:	<u>12/31/09 17:06</u>	
Solids:	<u>77.53</u> Pre	paration:	5030B N	<u>15</u>	Initial/Final:	<u>5.19 g / 5 mL</u>	
Batch:	9L31014 Sequence:	<u>RL93105</u>		Calibration:	<u>R9L1503</u>	Instrument:	<u>HP5973F</u>
CAS NO.	COMPOUND			DILUTION	CONC	. (ug/kg)	Q
100-42-5	Styrene					5.2	U
127-18-4	Tetrachloroethene					5.2	U
108-88-3	Toluene	oluene			6.2		U
156-60-5	trans-1,2-Dichloroethene			1		5.2	U
10061-02-6	trans-1,3-Dichloropropene			1		5.2	U
79-01-6	Trichloroethene			1		i.2	U
75-69-4	Trichlorofluoromethane	,		1	6.2		U
75-01-4	Vinyl chloride			1	12		U
1330-20-7	Xylenes, total			1		12	U
SYSTEM MON	ITORING COMPOUND	ADDED	(ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,2-Dichloroeth	ane-d4	50.	0	53.5	107	64 - 126	
4-Bromofluorol	enzene	50.	0	51.7	103	72 - 126	
Toluene-d8	50.0			54.5	109	71 - 125	
INTERNAL ST	NDARD AREA			RT	REF AREA	REF RT	Q
1,4-Dichlorober	ene-d4 222769			9.36	221865	9.36	
1,4-Difluorober	zene	zene 419782			429975	4.32	
Chlorobenzene-	d5	2084	144	6.92	210382	6.92	

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\* Values outside of QC limits

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aboratory:	TestAmerica Buffa	TestAmerica Buffalo			SDG:	RSL0991		
lient:	New York State D.	E.C Buffalo,	NY	i i	Project:	NYSDEC - REC	<u>GION 9 REMEDIA</u>	TION/SPILLS
latrix:	Solid	Labo	ratory ID:	<u>RSL1135-04</u>		File ID:	<u>F2484.D</u>	
ampled:	12/30/09 15:00	Prepa	ared:	<u>12/31/09</u>	11:31	Analyzed:	12/31/09 17:31	L
olids:	81.42	Ртера	aration:	<u>5030B N</u>	<u>(S</u>	Initial/Final:	<u>5 g / 5 mL</u>	
latch:	<u>9L31014</u>	Sequence:	RL93105		Calibration:	<u>R9L1503</u>	Instrument:	<u>HP5973F</u>
CAS NO.	COMPOUND				DILUTION	CON	NC. (ug/kg)	Q
71-55-6	1.1.1-Trichloroetha	ane			1		6.1	U
79-34-5	1,1,2,2-Tetrachloro	*****			1		6.1	U
76-13-1	1,1,2-Trichloro-1,2		ine		1		6.1	U
79-00-5	1,1,2-Trichloroeth				1		6.1	U
75-34-3	1.1-Dichloroethane				1		6.1	U
75-35-4	1,1-Dichloroethene				1		6.1	U
120-82-1	1.2.4-Trichloroben				1		6.1	U
96-12-8	1,2-Dibromo-3-chl				1		6.1	U
106-93-4	1,2-Dibromoethan				1		6.1	U
95-50-1	1.2-Dichlorobenze				1		6.1	U
107-06-2	1,2-Dichloroethan				1		6.1	U
78-87-5	1,2-Dichloropropa				1		6.1	U
541-73-1	1,3-Dichlorobenze				1		6.1	U
106-46-7	1,4-Dichlorobenze				1		6.1	υ
78-93-3	2-Butanone				1		31	υ
591-78-6	2-Hexanone				1		31	U
108-10-1	4-Methyl-2-pentar	one			1		31	U
67-64-1	Acetone				1		17	J
71-43-2	Benzene				1		6.1	U
75-27-4	Bromodichlorome	thane			1		6.1	U
75-25-2	Bromoform	1.14			1		6.1	U
74-83-9	Bromomethane				1		6.1	U
75-15-0	Carbon disulfide				1		6.1	U
56-23-5	Carbon Tetrachlor	ide			1		6.1	U
108-90-7	Chlorobenzene				1		6.1	U
75-00-3	Chloroethane				1		6.1	υ
67-66-3	Chloroform				1		6.1	U
74-87-3	Chloromethane				1		6.1	U
156-59-2	cis-1,2-Dichloroet	hene			1		6.1	U
10061-01-5	cis-1,3-Dichloropr				1		6.1	U
110-82-7	Cyclohexane				1		6.1	U
124-48-1	Dibromochlorome	thane			1		6.1	U
75-71-8	Dichlorodifluoron				1		6.1	U
100-41-4	Ethylbenzene				1		6.1	U
98-82-8	Isopropylbenzene				1		6.1	U
79-20-9	Methyl Acetate				1		6.1	υ
108-87-2	Methylcyclohexan	ne			1		6.1	U
75-09-2	Methylene Chlorid				1		5.4	J
1634-04-4	Methyl-t-Butyl Et				1		6.1	U

### 8260B

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C B	uffalo, NY		Project:	NYSDEC - REGI	<u>ON 9 REMEDIAI</u>	ION/SPILLS CO
Matrix:	Solid	Laboratory ID:	<u>RSL1135-04</u>		File ID:	F2484,D	
Sampled:	12/30/09 15:00	Prepared:	<u>12/31/09</u>	9_11:31	Analyzed:	<u>12/31/09 17:31</u>	
Solids:	<u>81.42</u>	Preparation:	5030B N	<u>MS</u>	Initial/Final:	<u>5 g / 5 mL</u>	
Batch:	9L31014 Sequence	xe: <u>RL93105</u>		Calibration:	R9L1503	Instrument:	HP5973F
CAS NO.	COMPOUND			DILUTION	CONC. (ug/kg)		Q
100-42-5	Styrene			1	6.1		U
127-18-4	Tetrachloroethene	rachloroethene				5.1	U
108-88-3	Toluene				6.1		U
156-60-5	trans-1,2-Dichloroethene			1		5.1	U
10061-02-6	trans-1,3-Dichloropropene			1		5.1	U
<b>79-01-6</b>	Trichloroethene			1		5.1	U
75-69-4	Trichlorofluoromethane			1	6.1		U
75-01-4	Vinyl chloride			112		12	U
1330-20-7	Xylenes, total			1		12	U
SYSTEM MON	ITORING COMPOUND	ADDEI	) (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,2-Dichloroeth	ane-d4	50	).0	55.0	110	64 - 126	
4-Bromofluorot	enzene	50	).0	52.2	104	72 - 126	
Toluene-d8	50.0			55.3	111	71 - 125	
INTERNAL ST	NDARD AREA			RT	REF AREA	REF RT	Q
1,4-Dichlorober	ene-d4 210080			9,36	221865	9.36	
1,4-Difluorober	zene 399661			4.32	429975	4.32	
Chlorobenzene-	d5	194	798	6.92	210382	6.92	

aboratory:	TestAmerica Buffalo	SDG:		RSL0991			
lient:	New York State D.E.C Bu	ffalo, NY	Proje	ct:	NYSDEC - REC	GION 9 REMEDIA	TION/SPILLS
Aatrix:	<u>Solid</u>	Laboratory ID:	RTA0083-05		File ID:	<u>F2503.D</u>	
ampled:	12/31/09 15:00	Prepared:	<u>01/04/10 19:1</u>	<u>3</u>	Analyzed:	01/04/10 23:27	
olids:	<u>79.92</u>	Preparation:	5030B MS		Initial/Final:	5.01 g / 5 mL	
Batch:	10A0080 Sequence	: <u>T000015</u>	Calib	ration:	<u>R9L1503</u>	Instrument:	<u>HP5973F</u>
CAS NO.	COMPOUND			DILUTION	CON	IC. (ug/kg)	Q
71-55-6	1,1,1-Trichloroethane			1		6.2	U
79-34-5	1,1,2,2-Tetrachloroethane			1		6.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	oethane		1		6.2	U
79-00-5	1,1,2-Trichloroethane			1		6.2	U
75-34-3	1,1-Dichloroethane			1		6.2	U
75-35-4	1,1-Dichloroethene			1		6.2	U
120-82-1	1,2,4-Trichlorobenzene			1		1.5	1
96-12-8	1,2-Dibromo-3-chloropropar	10		1	-	6.2	U
106-93-4	1,2-Dibromoethane			1		6.2	U
95-50-1	1.2-Dichlorobenzene			1		6.2	U
107-06-2	1,2-Dichloroethane	- (		1		6.2	U
78-87-5	1,2-Dichloropropane			1		6.2	U
541-73-1	1,3-Dichlorobenzene			1		6.2	υ
106-46-7	1,4-Dichlorobenzene			1		6.2	U
78-93-3	2-Butanone			1		14	J
591-78-6	2-Hexanone			1		31	U
108-10-1	4-Methyl-2-pentanone			1		31	U
67-64-1	Acetone			1		110	
71-43-2	Benzene			1		6.2	U
75-27-4	Bromodichloromethane			1		6.2	U
75-25-2	Bromoform			1		6.2	U
74-83-9	Bromomethane			1		6.2	U
75-15-0	Carbon disulfide			1		6.2	U
56-23-5	Carbon Tetrachloride			1		6.2	U
108-90-7	Chlorobenzene			1		6.2	U
75-00-3	Chloroethane			1		6.2	U
67-66-3	Chloroform			1		6.2	U
74-87-3	Chloromethane			1		6.2	U
156-59-2	cis-1,2-Dichloroethene			1		6.2	U
10061-01-5	cis-1,3-Dichloropropene			1		6.2	U
110-82-7	Cyclohexane			1		6.2	U
124-48-1	Dibromochloromethane			1		6.2	U
75-71-8	Dichlorodifluoromethane			1		6.2	υ
100-41-4	Ethylbenzene			1		6.2	U
98-82-8	Isopropylbenzene			1		6.2	U
79-20-9	Methyl Acetate			1		6.2	U
108-87-2	Methylcyclohexane			1		6.2	U
75-09-2	Methylene Chloride			1		7.5	
1634-04-4	Methyl-t-Butyl Ether (MTB)	E)		1		6.2	U

#### 8260B

Laboratory:	TestAmerica Buf	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State I	D.E.C Buffalo,	NY		Project:	NYSDEÇ - REGI	ON 9 REMEDIAT	ION/SPILLS CO
Matrix:	Solid	Labor	atory ID:	RTA008	33-05	File ID:	<u>F2503.D</u>	
Sampled:	12/31/09 15:00	Prepa	red:	01/04/10	0 19:13	Analyzed:	01/04/10 23:27	
- Solids:	79.92	Ргера	ration:	5030B 1		Initial/Final:	<u>5.01 g/5 mL</u>	
Batch:	10A0080	Sequence:	<u>T000015</u>		Calibration:	<u>R9L1503</u>	Instrument:	<u>HP5973F</u>
CAS NO.	COMPOUND				DILUTION	CONC	. (ug/kg)	Q
100-42-5	Styrene				1		i.2	U
127-18-4	Tetrachloroethen					e	5.2	U
108-88-3	Toluene					6.2		U
156-60-5	trans-1,2-Dichlor	trans-1,2-Dichloroethene					5.2	U
10061-02-6	trans-1,3-Dichlor	trans-1,3-Dichloropropene			1		5.2	U
79-01-6	Trichloroethene				1		5.2	U
75-69-4	Trichlorofluorom	ethane			1	6.2		U
75-01-4	Vinyl chloride				1	12		U
1330-20-7	Xylenes, total				1		12	U
SYSTEM MON	ITORING COMPO	UND	ADDEL	) (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,2-Dichloroeth	ane-d4		50	).0	52.8	106	64 - 126	
4-Bromofluorot	enzene		50	).0	49.4	99	72 - 126	
Toluene-d8		50.0		0.0	56.5	113	71 - 125	Contraction of Laboration
INTERNAL ST	ANDARD	NDARD AREA			RT	REF AREA	REF RT	Q
1,4-Dichlorober	izene-d4	ene-d4 186188			9.36	229565	9.36	
1,4-Difluorober	zene	ne 420298			4.32	439998	4.31	
Chlorobenzene-	d5		201	520	6.92	215122	6.92	

Laboratory:	TestAmerica Buffalo		:	SDG:	RSL0991		
Client:	New York State D.E.C But	ffalo, NY	]	Project:	NYSDEC - REC	GION 9 REMEDIA	TION/SPILLS CO
Matrix:	Solid	Laboratory ID:	RTA008	<u>3-06</u>	File ID:	F2504.D	
Sampled:	12/31/09 15:30	Prepared:	01/04/10	19:13	Analyzed:	01/04/10 23:53	
Solids:		Preparation:	5030B M	IS	- Initial/Final:	5.16 g / 5 mL	
Batch:	<u>10A0080</u> Sequences	-	_	Calibration:	R9L1503	Instrument:	HP5973F
		100015				610.1	1
CAS NO.	COMPOUND			DILUTION		VC. (ug/kg)	Q
71-55-6	1,1,1-Trichloroethane			1		6.8	U
79-34-5	1,1,2,2-Tetrachloroethane	H - E		1		6.8	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	oethane		1		6.8	U
79-00-5	1,1,2-Trichloroethane			1		6.8	U
75-34-3	1,1-Dichloroethane			1		6.8	υ
75-35-4	1,1-Dichloroethene			1		6.8	<u>U</u>
120-82-1	1,2,4-Trichlorobenzene			1		6.8	U
96-12-8	1,2-Dibromo-3-chloropropan	ie		1		6.8	U
106-93-4	1,2-Dibromoethane			1		6.8	U
95-50-1	1,2-Dichlorobenzene			1		6.8	U
107-06-2	1,2-Dichloroethane			1		6.8	U
78-87-5	1,2-Dichloropropane			1		6.8	U
541-73-1	1,3-Dichlorobenzene			1		6.8	U
106-46-7	1.4-Dichlorobenzene			1		6.8	U
78-93-3	2-Butanone			1		34	U
591-78-6	2-Hexanone			1		34	υ
108-10-1	4-Methyl-2-pentanone			1		34	U
67-64-1	Acetone			1		21	J
71-43-2	Benzene	10.0		1		6,8	U
75-27-4	Bromodichloromethane			1		6.8	U
75-25-2	Bromoform			1		6.8	U
74-83-9	Bromomethane			1		6.8	U U
75-15-0	Carbon disulfide			1		6.8	U U
56-23-5	Carbon Tetrachloride					6.8	U
				1			
108-90-7	Chlorobenzene			1		6.8	<u> </u>
75-00-3	Chloroethane			1		6.8	U
67-66-3	Chloroform			1		6.8	U
74-87-3	Chloromethane			1		6.8	U
156-59-2	cis-1,2-Dichloroethene			1		6.8	U
10061-01-5	cis-1,3-Dichloropropene			1		6.8	U
110-82-7	Cyclohexane			11		6.8	U
124-48-1	Dibromochloromethane			11		6.8	<u> </u>
75-71-8	Dichlorodifluoromethane			1		6.8	U
100-41-4	Ethylbenzene		W-16-7	1		6.8	U
98-82-8	Isopropylbenzene			1		6.8	U
79-20-9	Methyl Acetate			1		6.8	U
108-87-2	Methylcyclohexane			1		6.8	U
75-09-2	Methylene Chloride			1		9.4	
1634-04-4	Methyl-t-Butyl Ether (MTB)	E)		1		6.8	U

#### 8260B

Laboratory:	TestAmerica Buff	falo			SDG:	RSL0991	SL0991		
Client:	New York State I	D.E.C Buffalo, N	<u>vy</u>		Project:	NYSDEC - REGI	ON 9 REMEDIAT	ION/SPILLS CO	
Matrix:	Solid	Labor	atory ID:	RTA008	3-06	File ID:	F2504.D		
Sampled:	12/31/09 15:30	Ртерат	A		01/04/10 23:53				
Solids:	71.60	Prepar		5030B N		Initial/Final:	5.16 g / 5 mL		
		•			Calibration:	R9L1503	Instrument:	HP5973F	
Batch:	<u>10A0080</u>	Sequence:	<u>T000015</u>		Calibration:	<u>K9L1303</u>		<u>HF3973F</u>	
CAS NO.	COMPOUND				DILUTION	CONC	. (ug/kg)	Q	
100-42-5	Styrene	· · · · · · · · · · · · · · · · · · ·			1		5.8	U	
127-18-4	Tetrachloroethene	Tetrachloroethene			1	1	5.8	U	
108-88-3	Toluene				1	6.8		U	
156-60-5	trans-1,2-Dichloroethene				1		5.8	υ	
10061-02-6	trans-1,3-Dichlor	opropene			1		5.8	U	
79-01-6	Trichloroethene				1		5.8	U	
75-69-4	Trichlorofluorom	ethane			1		5.8	U	
75-01-4	Vinyl chloride				1		14	U	
1330-20-7	Xylenes, total				1		14	U	
SYSTEM MON	ITORING COMPO	UND	ADDED	(ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q	
1,2-Dichloroeth	ane-d4		50	).0	55.9	112	64 - 126		
4-Bromofluorol	enzene		50	1.0	51.9	104	72 - 126		
Toluene-d8		50.0		0.0	54.0	108	71 - 125		
INTERNAL ST	ANDARD AREA		EA	RT	REF AREA	REF RT	Q		
1,4-Dichlorober	zene-d4 227813			813	9.36	229565	9.36		
1,4-Difluorober	izene	2-00	422	570	4.31	439998	4.31		
Chlorobenzene-	-d5		216	732	6.92	215122	6.92		

Laboratory:	TestAmerica Buffal	lo			SDG:	RSL0991		
Client:	New York State D.	<u>E.C Buffalo,</u>	NY		Project:	NYSDEC - REC	ION 9 REMEDIA	TION/SPILLS CO
Matrix:	Solid	Labor	ratory ID:	<u>RTA0166-01</u>		File ID:	F2514.D	
Sampled:	01/05/10 15:30	Prepa	red:	01/06/10	) 19:23	Analyzed:	<u>01/06/10 21:44</u>	
Solids:	82.29	Prepa	ration:	5030B N	AS	Initial/Final:	5.15 g/5 mL	
Batch:	10A0229	Sequence:	T000053		Calibration:	R9L1503	Instrument:	HP5973F
CAS NO.	COMPOUND		(		DILUTION		C. (ug/kg)	Q
71-55-6	1,1,1-Trichloroetha	TP		11.1	1		5.9	U
79-34-5	1,1,2,2-Tetrachloro				1		5.9	U
76-13-1	1,1,2-Trichloro-1,2		Dê		1		5.9	U
79-00-5	1,1,2-Trichloroetha				1		5.9	U
75-34-3	1.1-Dichloroethane				1		5.9	U
75-35-4	1,1-Dichloroethene				1		5.9	U
120-82-1	1,2,4-Trichloroben				1		5.9	U
96-12-8	1,2-Dibromo-3-chl				1		5.9	U
106-93-4	1.2-Dibromoethane				1		5.9	U
95-50-1	1.2-Dichlorobenzer				1		5.9	U
107-06-2	1,2-Dichloroethane				1		5.9	υ
78-87-5	1,2-Dichloropropar				1		5.9	U
541-73-1	1,3-Dichlorobenzer				1		5.9	U
106-46-7	1,4-Dichlorobenzer				1		5.9	U
78-93-3	2-Butanone				1		29	U
591-78-6	2-Hexanone				1		29	U
108-10-1	4-Methyl-2-pentan	опе		1	1		29	U
67-64-1	Acetone				1		80	
71-43-2	Benzene				1		5.9	U
75-27-4	Bromodichloromet	hane	0.000		1		5.9	Ŭ
75-25-2	Bromoform				1		5.9	U
74-83-9	Bromomethane				1		5.9	U
75-15-0	Carbon disulfide				1		5.9	U
56-23-5	Carbon Tetrachlori	de			1		5.9	U
108-90-7	Chlorobenzene				1		5.9	U
75-00-3	Chloroethane				1		5.9	U
67-66-3	Chloroform				1		5.9	U
74-87-3	Chloromethane				1		5.9	U
156-59-2	cis-1,2-Dichloroeth	nene			1		5.9	U
10061-01-5	cis-1,3-Dichloropro				11		5.9	U
110-82-7	Cyclohexane				1		5.9	U
124-48-1	Dibromochloromet	hane			11		5.9	U
75-71-8	Dichlorodifluorom			_	1		5.9	U
100-41-4	Ethylbenzene				1		5.9	U
98-82-8	Isopropylbenzene				1		5.9	U
79-20-9	Methyl Acetate				1		5.9	U
108-87-2	Methylcyclohexane	e			1		5.9	U
75-09-2	Methylene Chlorid				1		19	×
1634-04-4	Methyl-t-Butyl Eth		2000		1		5.9	U



#### 8260B

aboratory:	TestAmerica Buffalo			SDG:	<b>RSL0991</b>		
Client:	New York State D.E.C Buff	alo NV		Project:	NYSDEC - REGI	ON 9 REMEDIAT	ION/SPILLS
			5				ION/DI ILLO
Matrix:	<u>Solid</u> I	aboratory ID:	<u>RTA0166-01</u>		File ID:	F2514.D	
Sampled:	<u>01/05/10 15:30</u> P	repared:	01/06/10 19:23		Analyzed:	<u>01/06/10 21:44</u>	
Solids:	<u>82.29</u> P	reparation:	<u>5030B N</u>	<u>15</u>	Initial/Final:	<u>5.15 g/5 mL</u>	
Batch:	<u>10A0229</u> Sequence: <u>T000053</u> Calibration: <u>R9L1503</u> Instrument:		Instrument:	<u>HP5973F</u>			
CAS NO.	COMPOUND			DILUTION	CONC	. (ug/kg)	Q
100-42-5	Styrene				4	5.9	U
127-18-4	Tetrachloroethene				4	5.9	U
108-88-3	Toluene				5.9		U
156-60-5	trans-1,2-Dichlorocthene	rans-1,2-Dichloroethene			4	5.9	U
10061-02-6	trans-1,3-Dichloropropene			1	4	5.9	U
79-01-6	Trichloroethene			1	4	5.9	U
75-69-4	Trichlorofluoromethane			1	4	5.9	U
75-01-4	Vinyl chloride			1		12	U
1330-20-7	Xylenes, total			1		12	U
SYSTEM MON	ITORING COMPOUND	ADDEL	) (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,2-Dichloroeth	ane-d4	50	).0	56.8	114	64 - 126	
4-Bromofluorob	enzene	5(	0.0	53.0	106	72 - 126	
Toluene-d8	50.0			53.8	108	71 - 125	
INTERNAL ST	NDARD AREA			RT	REF AREA	REF RT	Q
1,4-Dichlorober	ene-d4 211377			9.36	222035	9.36	
1,4-Difluorober	izene	me 399081			428015	4.32	
Chlorobenzene-	d5	201	072	6.92	211349	6.92	

BM-CONFIRM-C9-F

Laboratory:	TestAmerica Buffalo			SDG:	RTA0227		
Client:	New York State D.E.C E	uffalo, NY		Project:	NYSDEC - REC	GION 9 REMEDIA	TION/SPILLS CO
Matrix:	Solid	Laboratory ID:	RTA022	27-01	File ID:	F2532.D	
Sampled:	01/06/10 14:30	Prepared:	01/07/10	0 17:00	Analyzed:	01/07/10 17:50	<u>l</u>
Solids:	83.07	Preparation:	5030B N	AS	Initial/Final:	<u>5.2 g / 5 mL</u>	
Batch:	10A0278 Sequence	ce: <u>T000063</u>		Calibration:	<u>R9L1503</u>	Instrument:	<u>HP5973F</u>
CAS NO.	COMPOUND			DILUTION	CON	NC. (ug/kg)	Q
71-55-6	1,1,1-Trichloroethane			1		5.8	U
79-34-5	1,1,2,2-Tetrachloroethane	1		1		5.8	U
76-13-1	1,1,2-Trichloro-1,2,2-triflu	oroethane		1		5.8	U
79-00-5	1,1,2-Trichloroethane			1		5.8	U
75-34-3	1,1-Dichloroethane			1		5.8	U
75-35-4	1,1-Dichloroethene			1		5.8	U
120-82-1	1,2,4-Trichlorobenzene			1		5.8	U
96-12-8	1,2-Dibromo-3-chloroprop	ane		1	-	5.8	U
106-93-4	1,2-Dibromoethane			1		5.8	U
95-50-1	1,2-Dichlorobenzene	1.0102		1		5.8	U
107-06-2	1,2-Dichloroethane			1		5.8	U
78-87-5	1,2-Dichloropropane			1		5.8	U
541-73-1	1.3-Dichlorobenzene			1		5.8	U
106-46-7	1,4-Dichlorobenzene			1		5.8	U
78-93-3	2-Butanone			1		29	U
591-78-6	2-Hexanone			1		29	U
108-10-1	4-Methyl-2-pentanone			1		29	U
67-64-1	Acetone			1		11	1
71-43-2	Benzene			1		20	
75-27-4	Bromodichloromethane			1		5.8	υ
75-25-2	Bromoform			1		5.8	U
74-83-9	Bromomethane			1		5.8	υ
75-15-0	Carbon disulfide			1		5.8	U
56-23-5	Carbon Tetrachloride			1		5.8	U
108-90-7	Chlorobenzene			1		5.8	U
75-00-3	Chloroethane			1		5.8	υ
67-66-3	Chloroform			1		5.8	- <u></u>
74-87-3	Chloromethane			1		5.8	U
156-59-2	cis-1,2-Dichloroethene			1		5.8	υ
10061-01-5	cis-1,3-Dichloropropene			1		5.8	U
110-82-7	Cyclohexane	1		1		9.1	
124-48-1	Dibromochloromethane			1		5.8	U
75-71-8	Dichlorodifluoromethane			1		5.8	U
100-41-4	Ethylbenzene			1		43	
98-82-8	Isopropylbenzene			1		7.2	
79-20-9	Methyl Acetate			1		5.8	υ
108-87-2	Methylcyclohexane			1		15	
75-09-2	Methylene Chloride			1		4.7	J
1634-04-4	Methyl-t-Butyl Ether (MT	BE)		1	-	5.8	U

#### 8260B

Laboratory:	TestAmerica Buffalo			SDG:	RTA0227		
Client:	New York State D.E.C.	- Buffalo, NY		Project:	NYSDEC - REGI	<u>ON 9 REMEDIAT</u>	ION/SPILLS CO
Matrix:	<u>Solid</u>	Laboratory ID:	RTA022	27-01	File ID:	F2532.D	
Sampled:	01/06/10 14:30	Prepared:	01/07/10	0 17:00	Analyzed:	01/07/10 17:50	
Solids:	83.07	Preparation:	5030B	MS	Initial/Final:	<u>5.2 g / 5 mL</u>	
Batch:	<u>10A0278</u> Sequ	ience: <u>T00006</u>	53	Calibration:	<u>R9L1503</u>	Instrument:	<u>HP5973F</u>
CAS NO.	COMPOUND			DILUTION	CONC	. (ug/kg)	Q
100-42-5	Styrene			1		5.8	U
127-18-4	Tetrachloroethene			1	5.8		U
108-88-3	Toluene				1.7		1
156-60-5	trans-1,2-Dichloroether					5.8	U
10061-02-6	trans-1,3-Dichloroprope	ans-1,2-Dichloroethene ans-1,3-Dichloropropene				5.8	U
79-01-6	Trichloroethene			1		5.8	U
75-69-4	Trichlorofluoromethane	,		1		5.8	U
75-01-4	Vinyl chloride			1		12	U
1330-20-7	Xylenes, total			1		38	
SYSTEM MON	ITORING COMPOUND	ADD	ED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,2-Dichloroeth	ane-d4		50.0	54.0	108	64 - 126	
4-Bromofluorob	enzene		50.0	51.8	104	72 - 126	
Toluene-d8		50.0			106	71 - 125	
INTERNAL ST	ANDARD		AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorober	izene-d4		212582	9.36	216718	9.36	
1,4-Difluoroben	zene	3	93656	4.32	407892	4.31	
Chlorobenzene-	d5		200287	6.92	202478	6.92	

Laboratory:	TestAmerica But	ffalo			SDG:	RTA0227		
Client:	New York State	D.E.C Buffalo	NY		Project:	NYSDEC - RE	GION 9 REMEDIAT	TON/SPILLS CO
Matrix:	<u>Solid</u>	Labo	oratory ID:	<u>RTA022</u>	<u>27-02</u>	File ID:	F2533.D	
Sampled:	01/07/10 14:30	Prep	ared:	01/07/10	0 17:00	Analyzed:	01/07/10 18:16	
Solids:	82.92	Prep	aration:	5030B N	MS	Initial/Final:	5.02 g / 5 mL	
Batch:	<u>10A0278</u>	Sequence:	<u>T000063</u>		Calibration:	<u>R9L1503</u>	Instrument:	<u>HP5973F</u>
CAS NO.	COMPOUND				DILUTION	CO	NC. (ug/kg)	Q
71-55-6	1,1,1-Trichloroet	thane			1		6.0	U
79-34-5	1,1,2,2-Tetrachlo				1		6.0	U
76-13-1	1,1,2-Trichloro-1	1,2,2-trifluoroeth	ane		1		6.0	U
79-00-5	1,1,2-Trichloroet				1		6.0	U
75-34-3	1,1-Dichloroetha				1		6.0	U
75-35-4	1,1-Dichloroethe				1		6.0	U
120-82-1	1,2,4-Trichlorob				1		6.0	U
96-12-8	1,2-Dibromo-3-c	hloropropane			1		6.0	U
106-93-4	1,2-Dibromoetha				1		6.0	U
95-50-1	1,2-Dichloroben	zene			1		6.0	U
107-06-2	1,2-Dichloroetha				1		6.0	U
78-87-5	1,2-Dichloroprop				1		6.0	U
541-73-1	1,3-Dichloroben				1		6.0	U
106-46-7	1,4-Dichloroben		~~~~	~~~~	1		6.0	U
78-93-3	2-Butanone				1		30	U
591-78-6	2-Hexanone				1		30	U
108-10-1	4-Methyl-2-pent	anone			1		30	U
67-64-1	Acetone				1		30	U
71-43-2	Benzene				1		6.0	U
75-27-4	Bromodichlorom	nethane			1		6.0	U
75-25-2	Bromoform				1		6.0	U
74-83-9	Bromomethane				1		6.0	U
75-15-0	Carbon disulfide				1		6.0	U
56-23-5	Carbon Tetrachle	oride			1		6.0	U
108-90-7	Chlorobenzene				1		6.0	U
75-00-3	Chloroethane				1		6.0	υ
67-66-3	Chloroform				1		6.0	U
74-87-3	Chloromethane				1		6.0	υ
156-59-2	cis-1,2-Dichloro	ethene			1		6.0	υ
10061-01-5	cis-1,3-Dichloro	propene			1		6.0	U
110-82-7	Cyclohexane				1		6.0	υ
124-48-1	Dibromochlorom	nethane			1		6.0	U
75-71-8	Dichlorodifluoro	methane	Sector Description		1		6.0	U
100-41-4	Ethylbenzene				1		6.0	υ
98-82-8	Isopropylbenzen	e			1		6.0	U
79-20-9	Methyl Acetate				1		6.0	U
108-87-2	Methylcyclohexa	ane			1		6.0	U
75-09-2	Methylene Chlor	ride			1		4.1	J
1634-04-4	Methyl-t-Butyl E	Ether (MTBE)			1		6.0	U

#### 8260B

Laboratory:	TestAmerica Buffalo			SDG:	RTA0227			
Client:	New York State D.E.C	Buffalo, NY		Project:	NYSDEC - REGION 9 REMEDIATION/SPILLS C			
Matrix:	<u>Solid</u>	Laboratory ID:	RTA022	7-02	File ID:	F2533.D		
Sampled:	01/07/10_14:30	Prepared:	01/07/10	) 17:00	Analyzed:	01/07/10 18:16		
Solids:	82.92	Preparation:	5030B N	AS	Initial/Final;	5.02 g / 5 mL		
Batch:	<u>10A0278</u> Sequer	•		Calibration:	<u>R9L1503</u>	Instrument:	HP5973F	
CAS NO.	COMPOUND			DILUTION	CONC	. (ug/kg)	Q	
100-42-5	Styrene			1		5.0	U	
127-18-4	Tetrachloroethene			1	6.0		U	
108-88-3	Toluene			1	6.0		U	
156-60-5	trans-1,2-Dichloroethene				6.0		U	
10061-02-6	trans-1,3-Dichloropropene			1		5.0	U	
79-01-6	Trichloroethene			1		5.0	U	
75-69-4	Trichlorofluoromethane			1		5.0	U	
75-01-4	Vinyl chloride			1	12		U	
1330-20-7	Xylenes, total			1	12		U	
SYSTEM MON	IITORING COMPOUND	ADDEI	) (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q	
1,2-Dichloroeth	ane-d4	50	0.0	57.6	115	64 - 126		
4-Bromofluorob	oenzene	51	0.0	51.6	103	72 - 126		
Toluene-d8 50.0		0.0	52.6	105	71 - 125			
INTERNAL STANDARD AREA			REA	RT	REF AREA	REF RT	Q	
1,4-Dichlorobenzene-d4 208631			8631	9.36	216718	9.36		
1,4-Difluorobenzene 387402			402	4.32	407892	4.31		
Chlorobenzene-	d5	197	7168	6.92	202478	6.92		

Laboratory:	TestAmerica Buffalo			SDG:	RTA0227		
Client:	New York State D.E.C Buffalo,	NY		Project:	NYSDEC - REC	GION 9 REMEDIAT	ION/SPILLS CO
Matrix:	Solid Labo	ratory ID:	<u>RTA03</u>	<u>17-01</u>	File ID:	F2548.D	
Sampled:	01/08/10 15:30 Prepa	ared:	01/08/1	0 20:01	Analyzed:	01/08/10 23:59	
Solids:	<u>83.30</u> Prepa	ration:	5030B	MS	Initial/Final:	5.17 g/5 mL	
Batch:	10A0405 Sequence:	T000089		Calibration:	R9L1503	Instrument:	HP5973F
CAS NO.	COMPOUND			DILUTION	CON	IC. (ug/kg)	Q
71-55-6	1,1,1-Trichloroethane			1		5.8	U
79-34-5	1,1,2,2-Tetrachloroethane			1	)	5.8	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha	ne	11 C. 19 M	1		5.8	U
79-00-5	1,1,2-Trichloroethane	*		1		5.8	υ
75-34-3	1,1-Dichloroethane			1		5.8	U
75-35-4	1,1-Dichloroethene			1		5.8	U
120-82-1	1,2,4-Trichlorobenzene			1		5.8	U
96-12-8	1,2-Dibromo-3-chloropropane			1		5.8	U
106-93-4	1,2-Dibromoethane			1		5.8	U
95-50-1	1.2-Dichlorobenzene			1		5.8	U
107-06-2	1,2-Dichloroethane			1		5.8	U
78-87-5	1,2-Dichloropropane			1		5.8	U
541-73-1	1,3-Dichlorobenzene			1		5.8	U
106-46-7	1,4-Dichlorobenzene			1		5.8	U
78-93-3	2-Butanone			1		29	U
591-78-6	2-Hexanone			1		29	U
108-10-1	4-Methyl-2-pentanone			1		29	U
67-64-1	Acetone			1		14	J
71-43-2	Benzene			1		5.8	U
75-27-4	Bromodichloromethane			1		5.8	U
75-25-2	Bromoform			1		5.8	U .
74-83-9	Bromomethane			1		5.8	U
75-15-0	Carbon disulfide			1		5.8	U
56-23-5	Carbon Tetrachloride			1		5.8	U
108-90-7	Chlorobenzene			1		5.8	U
75-00-3	Chloroethane			1		5.8	U
67-66-3	Chloroform			1		5.8	U
74-87-3	Chloromethane			1		5.8	U
156-59-2	cis-1,2-Dichloroethene			1		5.8	U
10061-01-5	cis-1,3-Dichloropropene			1		5.8	U
110-82-7	Cyclohexane			1		5.8	U
124-48-1	Dibromochloromethane			1		5.8	U
75-71-8	Dichlorodifluoromethane			1		5.8	υ
100-41-4	Ethylbenzene			1		5.8	U
98-82-8	Isopropylbenzene			1		5.8	U
79-20-9	Methyl Acetate			1		5.8	U
108-87-2	Methylcyclohexane			1		5.8	U
75-09-2	Methylene Chloride			1		4.9	1
1634-04-4	Methyl-t-Butyl Ether (MTBE)			1		5.8	υ

BM-CONFIRM-C11-F

## 8260B

Laboratory:	TestAmerica Buffalo	SDG: RTA0227						
Client:	New York State D.E.C Buffalo, NY			Project:	NYSDEC - REGION 9 REMEDIATION/SPILLS C			
Matrix:	Solid La	boratory ID:	<u>RTA03</u>	<u>17-01</u>	File ID:	F2548.D		
Sampled:	<u>01/08/10 15:30</u> Pro	epared:	<u>01/08/1</u>	<u>) 20;01</u>	Analyzed:	01/08/10 23:59		
Solids:	<u>83.30</u> Pro	eparation;	5030B	<u>//S</u>	Initial/Final:	<u>5.17 g / 5 mL</u>		
Batch:	10A0405 Sequence:	<u>T000089</u>		Calibration:	<u>R9L1503</u>	Instrument:	HP5973F	
CAS NO.	COMPOUND			DILUTION	CONC	C. (ug/kg)	Q	
100-42-5	Styrene			1	5.8		U	
127-18-4	Tetrachloroethene		1	5.8		U		
108-88-3	Toluene	1	5.8		U			
156-60-5	trans-1,2-Dichloroethene	1	5.8		U			
10061-02-6	trans-1,3-Dichloropropene			1		5.8	U	
79-01-6	Trichloroethene			1	5.8		U	
75-69-4	Trichlorofluoromethane			1	5.8		U	
75-01-4	Vinyl chloride	Vinyl chloride			12		U	
1330-20-7	Xylenes, total			1	12		U	
SYSTEM MON	ITORING COMPOUND	ADDED	(ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q	
1,2-Dichloroeth	ane-d4	50	.0	57.5	115	64 - 126		
4-Bromofluorobenzene 50.0			.0	52.3	105	72 - 126		
Toluene-d8 50.0			.0	52.8	106	71 - 125		
INTERNAL STANDARD AREA			EA	RT	REF AREA	REF RT	Q	
1,4-Dichlorobenzene-d4 205109			9.36	210646	9.36			
1,4-Difluorobenzene 379030				4.32	396724	4.32		
Chlorobenzene-	Chlorobenzene-d5 191640				197002	6.92		

**BM-CONFIRM-W1** 

Laboratory:	TestAmerica Buffalo	2			SDG:	RSL0991		
Client:	New York State D.E.C Buffalo, NY				Project:	NYSDEC - REGION 9 REMEDIATION/SPILLS CO		
Matrix:	Solid Laboratory ID: R		<u>RSL099</u>	3-01	File ID:	F2443.D		
Sampled:	12/23/09 13:30	Ргера	ared:	<u>12/28/09</u>	9 18:40	Analyzed:	<u>12/29/09 01:02</u>	
Solids:	64.91	Ртера	aration:	5030B N	AS	Initial/Final:	1.09 g / 5 mL	
Batch:		equence:	<u>RL92818</u>		Calibration:	R9L1503	Instrument:	HP5973F
CAS NO.	COMPOUND	equence.	1(1)/2010		DILUTION			
						CO	NC. (ug/kg)	Q
71-55-6	1,1,1-Trichloroethan				1		35	U
79-34-5	1,1,2,2-Tetrachloroe				1		35	U
76-13-1	1,1,2-Trichloro-1,2,2		пе		1		35	U
79-00-5	1,1,2-Trichloroethan	e	****		1		35	<u> </u>
75-34-3	1,1-Dichloroethane				1		35	<u> </u>
75-35-4	1,1-Dichloroethene				1		35	<u> </u>
120-82-1	1,2,4-Trichlorobenze				1		35	U
96-12-8	1,2-Dibromo-3-chlor	ropropane			1		35	U
106-93-4	1,2-Dibromoethane				1		35	U
95-50-1	1,2-Dichlorobenzene				1		35	U
107-06-2	1,2-Dichloroethane				1		35	U
78-87-5	1,2-Dichloropropane		1.41412		1		35	U
541-73-1	1,3-Dichlorobenzene				1		35	U
106-46-7	1,4-Dichlorobenzene				1		35	U
78-93-3	2-Butanone				1		84	J
591-78-6	2-Hexanone				1		180	U
108-10-1	4-Methyl-2-pentanor	ne			1		180	U
67-64-1	Acetone				1		380	
71-43-2	Benzene				1		14	J
75-27-4	Bromodichlorometh	ane			1		35	U
75-25-2	Bromoform				1		35	US
74-83-9	Bromomethane				1		35	U
75-15-0	Carbon disulfide				1		35	U
56-23-5	Carbon Tetrachlorid	e			1		35	U
108-90-7	Chlorobenzene				1		35	U
75-00-3	Chloroethane				1		35	U
67-66-3	Chloroform				1		35	U
74-87-3	Chloromethane				1		35	U U
156-59-2	cis-1,2-Dichloroethe	me			1		35	U
10061-01-5	cis-1,3-Dichloroprop				1		35	U U
110-82-7	Cyclohexane	POLIC		13772				
124-48-1	Dibromochlorometh				1	-	35	<u> </u>
					1		35	
75-71-8	Dichlorodifluoromet	ulane			1		35	U
100-41-4	Ethylbenzene				1		8.2	J
98-82-8	Isopropylbenzene				1		35	U
79-20-9	Methyl Acetate				1		35	U
108-87-2	Methylcyclohexane				1		35	U
75-09-2	Methylene Chloride				1		59	
1634-04-4	Methyl-t-Butyl Ethe	r (MTBE)			1		35	U



#### 8260B

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C Buffa	<u>lo, NY</u>		Project:	NYSDEC - REGION 9 REMEDIAT		ION/SPILLS CO
Matrix:	<u>Solid</u> La	boratory ID:	<u>RSL099</u>	3-01	File ID:	<u>F2443.D</u>	
Sampled:	<u>12/23/09 13:30</u> Pro	<u>12/23/09 13:30</u> Prepared: <u>12</u>		9 18:40	Analyzed:	12/29/09 01:02	
Solids:	<u>64.91</u> Preparation: <u>5030</u>		5030B N	AS	Initial/Final:	1.09 g / 5 mL	
Batch:	9L28068 Sequence:	- <u>RL92818</u>		Calibration:	<u>R9L1503</u>	Instrument:	<u>HP5973F</u>
CAS NO.	COMPOUND			DILUTION	CONC	. (ug/kg)	Q
100-42-5	Styrene			1		35	U
127-18-4	Tetrachloroethene			1		35	U
108-88-3	Toluene			1	9	9.7	J
156-60-5	trans-1,2-Dichloroethene	trans-1,2-Dichloroethene		1	-	35	U
10061-02-6	trans-1,3-Dichloropropene			1		35	υŚ
79-01-6	Trichloroethene			1		35	U
75-69-4	Trichlorofluoromethane			1	1	35	U
75-01-4	Vinyl chloride			1		71	U
1330-20-7	Xylenes, total			1		34	J
SYSTEM MON	ITORING COMPOUND	ADDED	(ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,2-Dichloroeth	ane-d4	50	.0	50.1	100	64 - 126	
4-Bromofluorob	enzene	50	.0	51.7	103	72 - 126	
Toluene-d8		50	.0	56.9	114	71 - 125	
INTERNAL ST	ANDARD	AR	EA	RT	REF AREA	REF RT	Q
1,4-Dichlorober	izene-d4	211	161	9.36	246337	9.36	
1,4-Difluoroben	zene	422	598	4.32	492200	4.32	
Chlorobenzene-	d5	203	953	6.92	244693	6.92	

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Laboratory:	TestAmerica Buffalo				SDG:	RSL0991		
Client:	New York State D.E.	<u>C Buffalo,</u>	NY		Project:	NYSDEC - REC	HON 9 REMEDIA	TION/SPILLS CO
Matrix:	Solid	Labo	ratory ID:	<u>RSL099</u>	3-02	File ID:	F2460.D	
Sampled:	<u>12/23/09 14:00</u>	Prepa	ared:	<u>12/29/09</u>	9 12:31	Analyzed:	12/29/09 15:19	
Solids:	67.64	-	aration:	5030B N	MS .	Initial/Final:	5.04 g / 5 mL	
Batch:		_	RL92916	<u>54500 I</u>	Calibration:	<u>R9L1503</u>	Instrument:	HP5973F
· · · · · · · · · · · · · · · · · · ·		quence:	<u>KL92910</u>		1			
CAS NO.	COMPOUND				DILUTION		IC. (ug/kg)	Q
71-55-6	1,1,1-Trichloroethane				1		7.3	<u> </u>
79-34-5	1,1,2,2-Tetrachloroet				1		7.3	U
76-13-1	1,1,2-Trichloro-1,2,2		ane		1		7.3	U
79-00-5	1,1,2-Trichloroethane	,			1		7.3	U
75-34-3	1,1-Dichloroethane			-	1			
75-35-4	1,1-Dichloroethene				1		7.3	<u> </u>
120-82-1	1,2,4-Trichlorobenze				1		7.3	U
96-12-8	1,2-Dibromo-3-chloro	opropane			1		7.3	
106-93-4	1,2-Dibromoethane				1		7.3	U
95-50-1 107-06-2	1,2-Dichlorobenzene				1		7.3	U
	1,2-Dichloroethane				1		7.3	U
78-87-5	1,2-Dichloropropane		· · · · · · · · · · · · · · · · · · ·		1		7.3	U
541-73-1	1,3-Dichlorobenzene				1		7.3	U
106-46-7	1,4-Dichlorobenzene				1		7.3	U
78-93-3	2-Butanone				1		37	U
591-78-6	2-Hexanone				1		37	U
108-10-1	4-Methyl-2-pentanon	e			1	_	37	U
67-64-1	Acetone				1		41	
71-43-2	Benzene				1		7.3	U
75-27-4	Bromodichlorometha	ne			1		7.3	U
75-25-2	Bromoform				1		7.3	US
74-83-9	Bromomethane			_	1		7.3	U
75-15-0	Carbon disulfide				11		7.3	U
56-23-5	Carbon Tetrachloride	;			1		7.3	U
108-90-7	Chlorobenzene				1		7.3	<u> </u>
75-00-3	Chloroethane				1		7.3	U
67-66-3	Chloroform				1		7.3	U
74-87-3	Chloromethane				1		7.3	U
156-59-2	cis-1,2-Dichloroether				1		7.3	U 
10061-01-5	cis-1,3-Dichloroprop	ene			1		7.3	<u> </u>
110-82-7	Cyclohexane				1		7.3	<u> </u>
124-48-1	Dibromochlorometha				11		7.3	U
75-71-8	Dichlorodifluoromet	hane			1		7.3	<u>U</u>
100-41-4	Ethylbenzene				1		7.3	U
98-82-8	Isopropylbenzene				1		7.3	U
79-20-9	Methyl Acetate				1		7.3	U
108-87-2	Methylcyclohexane				1		7.3	U
75-09-2	Methylene Chloride				1		45	
1634-04-4	Methyl-t-Butyl Ether	(MTBE)			1		7.3	U



#### 8260B

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C Buffal	0 <u>, NY</u>		Project:	NYSDEC - REGI	ON 9 REMEDIAT	ION/SPILLS CO
Matrix:	Solid Lat	oratory ID:	<u>RSL099</u>	3-02	File ID:	<u>F2460.D</u>	
Sampled:	<u>12/23/09 14:00</u> Pre	pared:	12/29/09	9 12:31	Analyzed:	12/29/09 15:19	
Solids:	67.64 Pre	paration:	5030B 1	MS .	Initial/Final:	5.04 g / 5 mL	
Batch:	<u>9L29025</u> Sequence:	<u>RL92916</u>		Calibration:	<u>R9L1503</u>	Instrument:	<u>HP5973F</u>
CAS NO.	COMPOUND			DILUTION	CONC	. (ug/kg)	Q
100-42-5	Styrene			1		7.3	U
127-18-4	Tetrachloroethene			1		7.3	υ
108-88-3	Toluene			1	1	7.3	U
156-60-5	trans-1,2-Dichloroethene			1		7.3	U
10061-02-6	trans-1,3-Dichloropropene	_		1		7.3	U
79-01-6	Trichloroethene			1		7.3	U
75-69-4	Trichlorofluoromethane			1		7.3	U
75-01-4	Vinyl chloride			1		15	U
1330-20-7	Xylenes, total			1		15	U
SYSTEM MON	ITORING COMPOUND	ADDEL	) (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,2-Dichloroeth	ane-d4	5(	).0	54.2	108	64 - 126	
4-Bromofluorob	enzene	50	).0	51.0	102	72 - 126	×
Toluene-d8		5(	).0	56.3	113	71 - 125	
INTERNAL ST	ANDARD	AF	REA	RT	REF AREA	REF RT	Q
1,4-Dichlorober	izene-d4	213	913	9.36	224520	9.36	
1,4-Difluoroben	zene	437	373	4.32	443404	4.31	
Chlorobenzene-	d5	209	492	6.92	211971	6.92	

\* Values outside of QC limits

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Laboratory:	TestAmerica Buffalo		SDG:	RSL0991		
Client:	New York State D.E.C Buffalo	NY	Project:	<u>NYSDEC - REC</u>	GION 9 REMEDIA	TION/SPILLS C
Matrix:	Solid Lab	oratory ID:	<u>RSL0993-03</u>	File ID:	<u>F2461.D</u>	
Sampled:	<u>12/23/09 15:00</u> Prep	pared:	12/29/09 12:31	Analyzed:	12/29/09 15:44	<u>F</u>
Solids:	65.96 Prep	paration:	5030B MS	Initial/Final:	1 g/5 mL	
Batch:	<u>9L29025</u> Sequence:	RL92916	Calibration:	R9L1503	Instrument:	HP5973F
CAS NO.	COMPOUND		DILUTION		IC. (ug/kg)	Q
71-55-6	1,1,1-Trichloroethane		1		38	U
79-34-5	1.1.2.2-Tetrachloroethane		1		38	U U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroeth	1978	1		38	<u></u> ד
79-00-5	1,1,2-Trichloroethane		1		38	U U
75-34-3	1,1-Dichloroethane		1		38	U
75-35-4	1,1-Dichloroethene		1		38	U
120-82-1	1,2,4-Trichlorobenzene		1		31	J
96-12-8	1,2-Dibromo-3-chloropropane		1		38	U
106-93-4	1.2-Dibromoethane		1		38	U U
95-50-1	1,2-Dichlorobenzene		1		38	U
107-06-2	1,2-Dichloroethane		1		38	U
78-87-5			1		38	U
541-73-1	1,2-Dichloropropane 1,3-Dichlorobenzene		1		60	0
					160	
106-46-7	1,4-Dichlorobenzene	in the second	1			
78-93-3	2-Butanone		1		190	U
591-78-6	2-Hexanone		1		190	U
108-10-1	4-Methyl-2-pentanone				190	U
67-64-1	Acetone		1		170	1
71-43-2	Benzene		1		38	U
75-27-4	Bromodichloromethane		1		38	U
75-25-2	Bromoform		1		38	US
74-83-9	Bromomethane		1	· · · · · · · · · · · · · · · · · · ·	38	U
75-15-0	Carbon disulfide		1		38	<u> </u>
56-23-5	Carbon Tetrachloride		1		38	<u> </u>
108-90-7	Chlorobenzene		1		10	J
75-00-3	Chloroethane		1		38	<u>U</u>
67-66-3	Chloroform		11		38	U
74-87-3	Chloromethane		1		38	U
156-59-2	cis-1,2-Dichloroethene		1		38	U
10061-01-5	cis-1,3-Dichloropropene		1		38	U
110-82-7	Cyclohexane		1		16	J
124-48-1	Dibromochloromethane		1		38	U
75-71-8	Dichlorodifluoromethane	100	1		38	U
100-41-4	Ethylbenzene		1		38	U
98-82-8	Isopropylbenzene		1		38	U
79-20-9	Methyl Acetate		1		38	U
108-87-2	Methylcyclohexane		1		18	J
75-09-2	Methylene Chloride		1		19	1
1634-04-4	Methyl-t-Butyl Ether (MTBE)		1		38	U



#### 8260B

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C.	- Buffalo, NY		Project:	NYSDEC - REGIO	<u>ON 9 REMEDIAT</u>	ION/SPILLS CO
Matrix:	Solid	Laboratory ID:	<u>RSL099</u>	3-03	File ID:	F2461.D	
Sampled:	12/23/09 15:00	Prepared:	12/29/0	9 12:31	Analyzed:	12/29/09 15:44	
Solids:	65.96	Preparation:	5030B 1		Initial/Final:	1 g/5 mL	
Batch:		ience: RL9291		Calibration:	R9L1503	Instrument:	HP5973F
CAS NO.	COMPOUND			DILUTION	CONC	. (ug/kg)	
100-42-5	Styrene			1		38	U
127-18-4	Tetrachloroethene			1		38	U
108-88-3	Toluene			1		38	U
156-60-5	trans-1,2-Dichloroether	trans-1,2-Dichloroethene				38	U
10061-02-6	trans-1,3-Dichloroprop	ene		1		38	U
79-01-6	Trichloroethene			1	100	38	U
75-69-4	Trichlorofluoromethan	) 		1		38	U
75-01-4	Vinyl chloride			1		76	U
1330-20-7	Xylenes, total			1		76	U
SYSTEM MON	ITORING COMPOUND	ADDI	ED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,2-Dichloroeth	ane-d4		50.0	49.6	99	64 - 126	
4-Bromofluorot	enzene		50.0	46.5	93	72 - 126	
Toluene-d8			50.0	58.0	116	71 - 125	
INTERNAL ST	ANDARD		REA	RT	REF AREA	REF RT	Q
1,4-Dichlorober	nzene-d4	1.	41465	9.36	224520	9.36	
1,4-Difluorober	Izene	4	37941	4.31	443404	4.31	
Chlorobenzene-	·d5	2	06956	6.92	211971	6.92	

Laboratory:	<u>TestAmerica Buffalo</u>			SDG:	RSL0991		
Client:	New York State D.E.C	Buffalo, NY	l.	Project:	NYSDEC - REC	GION 9 REMEDIA	TION/SPILLS
Matrix:	Solid	Laboratory ID:	<u>RSL113</u>	<u>7-01</u>	File ID:	F2485.D	
Sampled:	12/29/09 13:30	Prepared:	12/31/09	11:31	Analyzed:	12/31/09 17:57	
- Solids:	76.07	Preparation:	5030B N		Initial/Final:	<u>5.04 g/5 mL</u>	
Batch:		uence: <u>RL93105</u>		Calibration:	R9L1503	Instrument:	HP5973F
		<u>achee. <u>RE9510</u>2</u>	2				
CAS NO.	COMPOUND			DILUTION	COF	NC. (ug/kg)	Q
71-55-6	1,1,1-Trichloroethane	201-115 <sup>77</sup>		1		6.5	<u> </u>
79-34-5	1,1,2,2-Tetrachloroeth			1		6.5	U
76-13-1	1,1,2-Trichloro-1,2,2-t	rifluoroethane		1		6.5	U
79-00-5	1,1,2-Trichloroethane			1		6.5	U
75-34-3	1,1-Dichloroethane			1		6,5	<u> </u>
75-35-4	1,1-Dichloroethene			11		6.5	<u> </u>
120-82-1	1,2,4-Trichlorobenzen			1		6.5	U
96-12-8	1,2-Dibromo-3-chloro	propane		1		6.5	U
106-93-4	1,2-Dibromoethane			1	_	6.5	U
95-50-1	1,2-Dichlorobenzene			1		6.5	U
107-06-2	1,2-Dichloroethane			1	2	6.5	U
78-87-5	1,2-Dichloropropane			1		6.5	U
541-73-1	1,3-Dichlorobenzene			1		6.5	U
106-46-7	1,4-Dichlorobenzene			1		6.5	U
78-93-3	2-Butanone			1		33	U
591-78-6	2-Hexanone			1		33	U
108-10-1	4-Methyl-2-pentanone			1		33	U
67-64-1	Acetone			1		33	U
71-43-2	Benzene			1		6.5	U
75-27-4	Bromodichloromethan	e		1		6.5	U
75-25-2	Bromoform			1		6.5	U
74-83-9	Bromomethane			1		6.5	U
75-15-0	Carbon disulfide			1		6.5	U U
56-23-5	Carbon Tetrachloride	and the second				6.5	
108-90-7	Chlorobenzene			1		6.5	U U
				1			
75-00-3	Chloroethane			1		6.5	<u> </u>
67-66-3	Chloroform			1		6.5	U
74-87-3	Chloromethane			1		6.5	U
156-59-2	cis-1,2-Dichloroethene			1		6.5	U
10061-01-5	cis-1,3-Dichloroproper	ne		1		6.5	U
110-82-7	Cyclohexane			1		6.5	U
124-48-1	Dibromochloromethan			1		6.5	<u>U</u>
75-71-8	Dichlorodifluorometha	ine		1		6.5	U
100-41-4	Ethylbenzene			1		6.5	U
98-82-8	Isopropylbenzene			1		6.5	υ
79-20-9	Methyl Acetate			1		6.5	U
108-87-2	Methylcyclohexane			1		6.5	U
75-09-2	Methylene Chloride			1		4.4	J
1634-04-4	Methyl-t-Butyl Ether (	MTBE)		1		6.5	U

#### 8260B

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C.	Buffalo, NY		Project:	NYSDEC - REGI	ON 9 REMEDIAT	TON/SPILLS CO
Matrix:	<u>Solid</u>	Laboratory ID:	<u>RSL113</u>	<u>17-01</u>	File ID:	F2485.D	
Sampled:	12/29/09 13:30	Prepared:	12/31/0	9 11:31	Analyzed:	12/31/09 17:57	
Solids:	76.07	Preparation:	5030B	MS	Initial/Final:	5.04 g / 5 mL	
Batch:	<u>9L31014</u> Seque	ence: <u>RL93105</u>		Calibration:	<u>R9L1503</u>	Instrument:	<u>HP5973F</u>
CAS NO.	COMPOUND			DILUTION	CONC	. (ug/kg)	Q
100-42-5	Styrene			1		5.5	U
127-18-4	Tetrachloroethene			1		5.5	U
108-88-3	Toluene			1		5.5	U
156-60-5	trans-1,2-Dichloroethene	1		1		5.5	U
10061-02-6	trans-1,3-Dichloroproper	ne		1		5.5	U
79-01-6	Trichloroethene			1		5.5	U
75-69-4	Trichlorofluoromethane			1		5.5	U
75-01-4	Vinyl chloride			1		13	U
1330-20-7	Xylenes, total			1		13	υ
SYSTEM MON	ITORING COMPOUND	ADDE	D (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,2-Dichloroeth	ane-d4	5	0.0	56.2	112	64 - 126	
4-Bromofluorot	penzene	5	0.0	47.4	95	72 - 126	
Toluene-d8		5	0.0	57.4	115	71 - 125	
INTERNAL ST	ANDARD	A	REA	RT	REF AREA	REF RT	Q
1,4-Dichlorober	nzene-d4	16	2542	9.37	221865	9.36	
1,4-Difluoroben	zene	41	4769	4.32	429975	4.32	
Chlorobenzene-	d5	18	7426	6.92	210382	6.92	

#### BM-CONFIRM-W5

#### 8260B

Laboratory:	TestAmerica But	falo			SDG:	RSL0991		
Client:	New York State	<u>D.E.C Buffalo, NY</u>			Project:	NYSDEC - REC	JION 9 REMEDIA	FION/SPILLS CO
Matrix:	<u>Solid</u>	Laborator	y D:	<u>RSL113</u>	<u>7-02</u>	File ID:	<u>F2489.D</u>	
Sampled:	12/30/09 15:30	Prepared:		<u>12/31/09</u>	11:31	Analyzed:	<u>12/31/09 19:38</u>	
Solids:	71.28	Preparatio	m:	5030B N	<u>1S</u>	Initial/Final:	<u>5.04 g / 5 mL</u>	
Batch:	<u>9L31014</u>	Sequence:	<u>RL93105</u>		Calibration:	R9L1503	Instrument:	HP5973F
CAS NO.	COMPOUND				DILUTION	CON	iC. (ug/kg)	Q
71-55-6	1,1,1-Trichloroet	hane			1		7.0	U
79-34-5	1,1,2,2-Tetrachlo				1		7.0	U
76-13-1		,2,2-trifluoroethane			1		7.0	U
79-00-5	1,1,2-Trichloroet				1		7.0	U
75-34-3	1,1-Dichloroetha				1		7.0	U
75-35-4	1,1-Dichloroethe				1		7.0	U
120-82-1	1,2,4-Trichlorob				1		2.9	J
96-12-8	1,2-Dibromo-3-c				1		7.0	U
106-93-4	1,2-Dibromoetha				1		7.0	U
95-50-1	1.2-Dichloroben				1		7.0	U
107-06-2	1,2-Dichloroetha	A CONTRACTOR OF THE OWNER			1		7.0	U
78-87-5	1,2-Dichloroprop				1		7.0	U
541-73-1	1,3-Dichloroben				1		7.0	U
106-46-7	1,4-Dichloroben				1		7.0	U
78-93-3	2-Butanone				1		23	1
591-78-6	2-Hexanone				1		35	U
108-10-1	4-Methyl-2-pent	anone			1		35	U
67-64-1	Acetone	anone			1		150	
71-43-2	Benzene				1		7.0	U
75-27-4	Bromodichloron	athana			1		7.0	U
75-25-2	Bromoform				1		7.0	U
74-83-9	Bromomethane				1		7.0	υ
75-15-0	Carbon disulfide		-		1		7.0	U
56-23-5	Carbon Tetrachl				1		7.0	U
108-90-7	Chlorobenzene	onde			1	_	7.0	υ
75-00-3	Chloroethane				1		7.0	U U
67-66-3	Chloroform		÷		1	-	7.0	υ υ
74-87-3	Chloromethane				1		7.0	U
156-59-2	cis-1,2-Dichloro	ethene		-	1		7.0	U
10061-01-5	cis-1,3-Dichloro				1		7.0	U
110-82-7	Cyclohexane	Properto			1		7.0	U U
124-48-1	Dibromochloron	nethane			1		7.0	U
75-71-8	Dichlorodifluoro				1		7.0	U U
100-41-4	Ethylbenzene				1		7.0	U U
98-82-8	Isopropylbenzen	8		-	1		7.0	U
79-20-9	Methyl Acetate				1		7.0	U
108-87-2	Methylcyclohex		~ ~ ~		1	_	1.5	J
75-09-2	Methylene Chlor		· · · · · ·	-			3.6	J
1634-04-4	Methyl-t-Butyl J				1		5.0	'

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#### 8260B

Laboratory:	TestAmerica Buff	<u>alo</u>			SDG:	RSL0991		
Client:	New York State D	).E.C Buffalo, N	<u>IY</u>		Project:	NYSDEC - REGI	ON 9 REMEDIAT	ION/SPILLS CO
Matrix:	Solid	Labora	tory ID:	<u>RSL113</u>	7-02	File ID:	F2489.D	
Sampled:	<u>12/30/09 15:30</u>	Prepar	ed:	12/31/09	9 11:31	Analyzed:	12/31/09 19:38	
Solids:	71.28	Prepar	ation:	5030B N	٨S	Initial/Final:	<u>5.04 g/5 mL</u>	
Batch:	<u>9L31014</u>	Sequence:	<u>RL93105</u>		Calibration:	<u>R9L1503</u>	Instrument:	<u>HP5973F</u>
CAS NO.	COMPOUND				DILUTION	CONC	. (ug/kg)	Q
100-42-5	Styrene				1	7	2.0	U
127-18-4	Tetrachloroethene				1	5	.0	U
108-88-3	Toluene				1	-	7.0	υ
156-60-5	trans-1,2-Dichloro	oethene			1	2	7.0	υ
10061-02-6	trans-1,3-Dichloro	opropene			1		7.0	U
79-01-6	Trichloroethene				1		7.0	U
75-69-4	Trichlorofluorom	ethane			1		7.0	υ
75-01-4	Vinyl chloride	6			1		14	U
1330-20-7	Xylenes, total				1		14	U
SYSTEM MON	ITORING COMPO	UND	ADDED	) (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,2-Dichloroeth	ane-d4		50	).0	54.2	108	64 - 126	
4-Bromofluorob	enzene		50	1.0	48.5	97	72 - 126	
Toluene-d8			50	0.0	58.7	117	71 - 125	
INTERNAL ST	ANDARD		AR	EA	RT	REF AREA	REF RT	Q
1,4-Dichlorober	nzene-d4		146	701	9.36	221865	9.36	
1,4-Difluoroben	zene		404	900	4.32	429975	4.32	
Chlorobenzene-	d5		180	763	6.92	210382	6.92	

BM-CONFIRM-W6

Laboratory:	TestAmerica Buffalo		S	DG:	<b>RSL099</b> 1		
Client:	New York State D.E.C	<u> - Buffalo, NY</u>	P	roject:	NYSDEC - REC	GION 9 REMEDIA	FION/SPILLS CO
Matrix:	Solid	Laboratory ID:	RTA0083	-01	File ID:	<u>F2499,D</u>	
Sampled:	<u>12/31/09 13:30</u>	Prepared:	01/04/10	19:13	Analyzed:	01/04/10 21:47	
Solids:	74.73	Preparation:	5030B M	S	Initial/Final:	<u>5.07 g/5 mL</u>	
Batch:		juence: <u>T000015</u>			<u>R9L1503</u>	Instrument:	HP5973F
CAS NO.	COMPOUND			DILUTION		NC. (ug/kg)	Q
71-55-6	1,1,1-Trichloroethane			1		6.6	
79-34-5	1,1,2,2-Tetrachloroeth	484		1		6.6	U
76-13-1	1,1,2-Trichloro-1,2,2-	- ALM		1		6.6	U
79-00-5	1,1,2-Trichloroethane	umuoroemane		1	_	6.6	U
75-34-3	1,1-Dichloroethane			1		6.6	U
75-35-4	1,1-Dichloroethene			1		6.6	U
120-82-1	1,2,4-Trichlorobenzen	A		1		6.6	U
96-12-8	1,2-Dibromo-3-chloro			1		6.6	U U
106-93-4	1,2-Dibromo-3-chioro	propane		1		6.6	<u>U</u>
95-50-1	1,2-Dichlorobenzene			1		6.6	U
107-06-2	1,2-Dichloroethane			1		6.6	U U
78-87-5	1,2-Dichloropropane			1		6.6	υ
541-73-1	1,3-Dichlorobenzene			1	2	6.6	υ υ
106-46-7	1,4-Dichlorobenzene		~~~	1		6.6	- <u></u>
78-93-3	2-Butanone			1		33	- U
591-78-6	2-Hexanone			1		33	U
108-10-1				1		33	U
67-64-1	4-Methyl-2-pentanone			1		33	U
71-43-2	Benzene			1		6.6	U
75-27-4	Bromodichlorometha			1		6.6	U U
75-25-2	Bromoform			1		6.6	U
74-83-9	Bromomethane			1		6.6	U
75-15-0	Carbon disulfide			1		6.6	U U
56-23-5	Carbon Tetrachloride			1		6.6	U U
108-90-7	Chlorobenzene			1		6.6	U U
75-00-3	Chloroethane			1		6.6	<u>U</u>
67-66-3	Chloroform	,		1		6.6	U
74-87-3	Chloromethane			1		6.6	U U
156-59-2	cis-1,2-Dichloroethen	8		1		6.6	U
10061-01-5	cis-1,3-Dichloroprope			1		6.6	U U
110-82-7	Cyclohexane			1		6.6	U U
124-48-1	Dibromochlorometha	ne		1		6.6	U
75-71-8	Dichlorodifluorometh		0.00			6.6	U
100-41-4	Ethylbenzene			1		6.6	U
98-82-8	Isopropylbenzene					6.6	U
79-20-9	Methyl Acetate			1		6.6	U U
				1		6.6	U U
108-87-2	Methylcyclohexane			1			
75-09-2 1634-04-4	Methylene Chloride Methyl-t-Butyl Ether			1		<u>11</u> 6.6	υ

#### 8260B

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C Buffal	<u>o, NY</u>		Project:	NYSDEC - REGI	<u>ON 9 REMEDIAT</u>	ION/SPILLS CO
Matrix:	Solid La	boratory ID:	RTA008	3-01	File ID:	F2499.D	
Sampled:	<u>12/31/09 13:30</u> Pre	pared:	01/04/10	<u>) 19:13</u>	Analyzed:	<u>01/04/10 21:47</u>	
Solids:	<u>74.73</u> Pre	paration:	5030B N	45	Initial/Final:	5.07 g / 5 mL	
Batch:	10A0080 Sequence:	<u>T000015</u>		Calibration:	<u>R9L1503</u>	Instrument:	HP5973F
CAS NO.	COMPOUND			DILUTION	CONC	C. (ug/kg)	Q
100-42-5	Styrene			1		5.6	U
127-18-4	Tetrachloroethene			1		5.6	U
108-88-3	Toluene			1		5.6	U
156-60-5	trans-1,2-Dichloroethene					5.6	U
10061-02-6	trans-1,3-Dichloropropene			1		5.6	U
79-01-6	Trichloroethene			1		6.6	U
75-69-4	Trichlorofluoromethane			1		6.6	U
75-01-4	Vinyl chloride			1		13	U
1330-20-7	Xylenes, total			1		13	U
SYSTEM MON	ITORING COMPOUND	ADDEI	) (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,2-Dichloroeth	ane-d4	50	).0	55.4	111	64 - 126	
4-Bromofluorob	enzene	50	).0	49.8	100	72 - 126	
Toluene-d8		50	0.0	57.0	114	71 - 125	
INTERNAL ST	ANDARD	AF	EA	RT	REF AREA	REF RT	Q
1,4-Dichlorober	nzene-d4	184	945	9.36	229565	9.36	
1,4-Difluorober	zene	435	504	4.31	439998	4.31	
Chlorobenzene-	d5	207	073	6.92	215122	6.92	

aboratory:	<u>TestAmerica Buffalo</u>		SDG:	RSL0991		
lient:	New York State D.E.	C Buffalo, NY	Project:	NYSDEC - REC	JON 9 REMEDIA	TION/SPILLS C
Aatrix:	<u>Solid</u>	Laboratory ID:	RTA0083-02	File ID:	F2500.D	
ampled:	<u>12/31/09 13:30</u>	Prepared:	01/04/10 19:13	Analyzed:	01/04/10 22:12	
olids:	81.22	Preparation:	5030B MS	Initial/Final:	<u>5.03 g / 5 mL</u>	
Batch:		-	Calibration:	<u>R9L1503</u>	Instrument:	<u>HP5973F</u>
	1	quence: <u>T000015</u>				
CAS NO.	COMPOUND		DILUTION	CON	IC. (ug/kg)	Q
71-55-6	1,1,1-Trichloroethane		1		6.1	U
79-34-5	1,1,2,2-Tetrachloroet		1		6.1	U
76-13-1	1,1,2-Trichloro-1,2,2-	trifluoroethane	1		6.1	U
79-00-5	1,1,2-Trichloroethane		1		6.1	U
75-34-3	1,1-Dichloroethane	t	<u></u>		6.1	U
75-35-4	1,1-Dichloroethene		1		6.1	<u> </u>
120-82-1	1,2,4-Trichlorobenzer		1		6.1	U
96-12-8	1,2-Dibromo-3-chlore	opropane	1		6.1	U
106-93-4	1,2-Dibromoethane		1		6.1	U
95-50-1	1,2-Dichlorobenzene	····	1		6.1	U
107-06-2	1,2-Dichloroethane		1		6.1	U
78-87-5	1,2-Dichloropropane		1		6.1	U
541-73-1	1,3-Dichlorobenzene		1		6.1	U
106-46-7	1,4-Dichlorobenzene		1	101N-00-0	6.1	υ
78-93-3	2-Butanone		1		31	υ
591-78-6	2-Hexanone		1		31	U
108-10-1	4-Methyl-2-pentanon	e	1		31	U
67-64-1	Acetone		1		31	U
71-43-2	Benzene		1		6.1	U
75-27-4	Bromodichlorometha	ne	1	Da	6.1	U
75-25-2	Bromoform		1		6.1	υ
74-83-9	Bromomethane		1		6.1	U
75-15-0	Carbon disulfide		1		6.1	υ
56-23-5	Carbon Tetrachloride		1		6.1	υ
108-90-7	Chlorobenzene		1		6.1	U
75-00-3	Chloroethane		1		6.1	U
67-66-3	Chloroform		1		6.1	U
74-87-3	Chloromethane		1		6.1	U
156-59-2	cis-1,2-Dichloroether	ıe	1		6.1	U
10061-01-5	cis-1,3-Dichloroprop	the second se	1		6.1	υ
110-82-7	Cyclohexane		1		6.1	U
124-48-1	Dibromochlorometha	ne	1		6.1	U
75-71-8	Dichlorodifluoromet		1		6.1	U
100-41-4	Ethylbenzene		1		6.1	U
98-82-8	Isopropylbenzene		1		6.1	U
79-20-9	Methyl Acetate		1		6.1	υ
108-87-2	Methylcyclohexane		1		6.1	U
75-09-2	Methylene Chloride		1		8.9	
1634-04-4	Methyl-t-Butyl Ether				6.1	U

# 8260B

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C I	Buffalo, NY		Project:	NYSDEC - REGIO	<u>ON 9 REMEDIAT</u>	ION/SPILLS CO
Matrix:	Solid	Laboratory ID:	<u>RTA008</u>	33-02	File ID:	F2500.D	
Sampled:	12/31/09 13:30	Prepared:	<u>01/04/1</u>	0 19:13	Analyzed:	01/04/10 22:12	
Solids:	81.22	Preparation:	5030B 1	MS	Initial/Final:	<u>5.03 g / 5 mL</u>	
Batch:	<u>10A0080</u> Sequen	nce: <u>T000015</u>		Calibration:	<u>R9L1503</u>	Instrument:	HP5973F
CAS NO.	COMPOUND			DILUTION	CONC	. (ug/kg)	Q
100-42-5	Styrene			1		5.1	U
127-18-4	Tetrachloroethene			1		5.1	U
108-88-3	Toluene			1	(	5.1	U
156-60-5	trans-1,2-Dichloroethene			1		5.1	υ
10061-02-6	trans-1,3-Dichloropropene	2		1		5.1	U
79-01-6	Trichloroethene			1		5.1	U
75-69-4	Trichlorofluoromethane			1		5.1	U
75-01-4	Vinyl chloride			1		12	υ
1330-20-7	Xylenes, total			1		12	υ
SYSTEM MON	ITORING COMPOUND	ADDEI	) (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,2-Dichloroeth	ane-d4	50	0.0	55.5	111	64 - 126	
4-Bromofluorob	enzene	5(	0.0	51.0	102	72 - 126	
Toluene-d8		5(	0.0	56.0	112	71 - 125	
INTERNAL ST	ANDARD	AI	REA	RT	REF AREA	REF RT	Q
1,4-Dichlorober	zene-d4	201	824	9.37	229565	9.36	
1,4-Difluorober	zene	422	2531	4.32	439998	4.31	
Chlorobenzene-	d5	206	5310	6.92	215122	6.92	

\* Values outside of QC limits

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aboratory:	TestAmerica Buffalo			5	SDG:	RSL0991		
lient:	New York State D.E	C Buffalo, N	<u>vy</u>	I	Project:	NYSDEC - REC	GION 9 REMEDIA	TION/SPILLS
latrix: `	<u>Solid</u>	Labora	atory ID:	RTA008	3-03	File ID:	F2501.D	
ampled:	12/31/09 14:00	Ргераг	ed:	01/04/10	19:13	Analyzed:	01/04/10 22:37	
olids:	74.34	Ртераг		5030B M	IS	Initial/Final:	5.09 g / 5 mL	
atch:		lequence:	T000015		 Calibration:	R9L1503	Instrument:	HP5973F
CAS NO.	COMPOUND	equence.	1000015					
					DILUTION		NC. (ug/kg)	Q
71-55-6	1,1,1-Trichloroethar				1		6.6	<u> </u>
79-34-5	1,1,2,2-Tetrachloroe	A MORE STREET			1		6.6	Ŭ
76-13-1	1,1,2-Trichloro-1,2,		e		1		6.6	U
79-00-5	1,1,2-Trichloroethar	ie			1		6.6	<u> </u>
75-34-3	1,1-Dichloroethane				1		6.6	<u> </u>
75-35-4	1,1-Dichloroethene				1		6.6	U
120-82-1	1,2,4-Trichlorobenz				1		6.6	U
96-12-8	1,2-Dibromo-3-chlo	ropropane		6 i	1		6.6	U
106-93-4	1,2-Dibromoethane				1		6.6	U
95-50-1	1,2-Dichlorobenzen	e			1		6.6	U
107-06-2	1,2-Dichloroethane				1		6.6	U
78-87-5	1,2-Dichloropropan	e			1		6.6	U
541-73-1	1,3-Dichlorobenzen	e			1		6.6	U
106-46-7	1,4-Dichlorobenzen	e			1		6.6	U
78-93-3	2-Butanone				1		33	U
591-78-6	2-Hexanone				1		33	U
108-10-1	4-Methyl-2-pentano	ne			1		33	U
67-64-1	Acetone				1		25	J
71-43-2	Benzene			-	1		6.6	U
75-27-4	Bromodichlorometh	ane			1		6.6	U
75-25-2	Bromoform				1		6.6	U
74-83-9	Bromomethane				1		6.6	U
75-15-0	Carbon disulfide				1		6.6	U
56-23-5	Carbon Tetrachlorid		97		1		6.6	U
108-90-7	Chlorobenzene				1		6.6	U
75-00-3	Chloroethane				1		6.6	U
67-66-3	Chloroform				1		6.6	U
74-87-3	Chloromethane				1		6.6	U
156-59-2	cis-1,2-Dichloroeth	ene			1		6.6	U U
10061-01-5	cis-1,3-Dichloropro				1		6.6	U
110-82-7	Cyclohexane	hene			1		6.6	U U
124-48-1	Dibromochlorometh						6.6	
75-71-8	Dichlorodifluorome				1			U
	The second se	uiane			1		6.6	U
100-41-4	Ethylbenzene				1		6.6	U
98-82-8	Isopropylbenzene				1		6.6	<u> </u>
79-20-9	Methyl Acetate				1		6.6	U
108-87-2	Methylcyclohexane				1		6.6	<u> </u>
75-09-2	Methylene Chloride				1		8.8	

#### 8260B

aboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C Buffalo	NY		Project:	NYSDEC - REGIO	<u>ON 9 REMEDIAT</u>	ION/SPILLS CC
Matrix:	Solid Lab	oratory ID:	RTA008	3-03	File ID:	<u>F2501.D</u>	
Sampled:	<u>12/31/09 14:00</u> Prep	pared:	01/04/10	19:13	Analyzed:	01/04/10 22:37	
Solids:	_74.34 Prer	paration:	5030B N	AS	Initial/Final;	<u>5.09 g/5 mL</u>	
Batch:	10A0080 Sequence:	<u>T000015</u>		Calibration:	<u>R9L1503</u> Instrument:		<u>HP5973F</u>
CAS NO.	COMPOUND			DILUTION	CONC	Q	
100-42-5	Styrene			1	6	5.6	U
127-18-4	Tetrachloroethene			1	(	5.6	U
108-88-3	Toluene				6.6		U
156-60-5	trans-1,2-Dichloroethene			1		5.6	U
10061-02-6	trans-1,3-Dichloropropene	and the second sec				5.6	U
79-01-6	Trichloroethene			1	(	5.6	U
75-69-4	Trichlorofluoromethane			1	6.6		U
75-01-4	Vinyl chloride			1		13	U
1330-20-7	Xylenes, total			1		13	U
SYSTEM MON	ITORING COMPOUND	ADDEI	) (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,2-Dichloroeth	ane-d4	50	0.0	55.8	112	64 - 126	
4-Bromofluorot	enzene	5(	0.0	52.4	105	72 - 126	
Toluene-d8	50.0			54.5	109	71 - 125	
INTERNAL ST	ANDARD AREA			RT	REF AREA	REF RT	Q
1,4-Dichlorober	nzene-d4 226838			9.36	229565	9.36	
1,4-Difluorober	obenzene 418013			4.32	439998	4.31	
Chlorobenzene-	d5	212	2266	6.92	215122	6.92	

Laboratory:	TestAmerica Buff	alo	SDG:	RSL0991		
Client:	New York State I	<u> D.E.C Buffalo, NY</u>	Project:	NYSDEC - REC	JION 9 REMEDIA	TION/SPILLS CO
Matrix:	Solid	Laboratory ID:	RTA0083-04	File ID:	F2502.D	
Sampled:	12/31/09 14:30	Prepared:	01/04/10 19:13	Analyzed:	01/04/10 23:02	
Solids:	74.42	Preparation:	5030B MS	Initial/Final:	<u>5.01 g/5 mL</u>	
Batch:	10A0080	Sequence: T000015	Calibration:	R9L1503	Instrument:	HP5973F
r		Sequence. <u>1000015</u>				
CAS NO.	COMPOUND		DILUTION	COF	IC. (ug/kg)	Q
71-55-6	1,1,1-Trichloroeth		1		6.7	U
79-34-5	1,1,2,2-Tetrachlor		1		6.7	U
76-13-1		2,2-trifluoroethane	1		6.7	U
79-00-5	1,1,2-Trichloroeth		1		6.7	U
75-34-3	1,1-Dichloroethar		1		6.7	U
75-35-4	1,1-Dichloroether		1		6.7	U
120-82-1	1,2,4-Trichlorobe		1		6.9	
96-12-8	1,2-Dibromo-3-cl		1		6.7	U
106-93-4	1,2-Dibromoethan	ne	1		6.7	U
95-50-1	1,2-Dichlorobenz	ene	1		6.7	U
107-06-2	1,2-Dichloroethar	ne	1		6.7	U
78-87-5	1,2-Dichloroprop	ane	1		6.7	U
541-73-1	1,3-Dichlorobenz	ene	1		6.7	υ
106-46-7	1,4-Dichlorobenz	ene	1		6.7	U
78-93-3	2-Butanone		1		8.5	J
591-78-6	2-Hexanone		1		34	U
108-10-1	4-Methyl-2-penta	none	1		34	υ
67-64-1	Acetone		1		56	
71-43-2	Benzene		1		6.7	U
75-27-4	Bromodichlorom		1		6.7	- <u> </u>
75-25-2	Bromoform	Sanato	1		6.7	U
74-83-9	Bromomethane		1		6.7	U
75-15-0	Carbon disulfide		1	- Contraction -	6.7	υ
56-23-5	Carbon Tetrachlo	nde	1		6.7	U
108-90-7	Chlorobenzene		1		6.7	U
75-00-3	Chloroethane		1		6.7	U
67-66-3	Chloroform		1		6.7	<u>ບ</u>
74-87-3	Chloromethane					
		thene	1		6.7	<u> </u>
156-59-2	cis-1,2-Dichloroe		1		6.7	<u> </u>
10061-01-5	cis-1,3-Dichlorop	ropene	1		6.7	<u> </u>
110-82-7	Cyclohexane	4	1		6.7	U
124-48-1	Dibromochlorom				6.7	<u> </u>
75-71-8	Dichlorodifluoro	nethane	1		6.7	U
100-41-4	Ethylbenzene		1		6.7	U
98-82-8	Isopropylbenzene		1		6.7	U
79-20-9	Methyl Acetate		1		6.7	U
108-87-2	Methylcyclohexa		1		1.5	
75-09-2	Methylene Chlori		1		4.5	J
1634-04-4	Methyl-t-Butyl E	ther (MTBE)	1		6.7	U

BM-CONFIRM-W9

#### 8260B

aboratory:	TestAmerica Buf	<u>falo</u>			SDG:	RSL0991			
Client:	New York State I	D.E.C Buffalo, I	NY		Project:	NYSDEC - REGI	ON 9 REMEDIAT	TON/SPILLS CO	
Matrix:	Solid	Labor	atory ID:	RTA0083-04		File ID:	F2502.D		
Sampled:	<u>12/31/09 14:30</u>	Prepa	red:	01/04/10	<u>) 19:13</u>	Analyzed:	Analyzed: 01/04/10 23:02		
Solids:	74.42	Prepa	ration:	5030B N	MS	Initial/Final:	/Final: <u>5.01 g / 5 mL</u>		
Batch:	10A0080	Sequence:	<u>T000015</u>		Calibration:	<u>R9L1503</u> Instrument:		<u>HP5973F</u>	
CAS NO.	COMPOUND				DILUTION	CONC. (ug/kg)		Q	
100-42-5	Styrene	11.			1		6.7	U	
127-18-4	Tetrachloroethen	e			1		6.7	U	
108-88-3	Toluene				1	6.7		υ	
156-60-5	trans-1,2-Dichlor	rans-1,2-Dichloroethene			1		6.7	U	
10061-02-6	trans-1,3-Dichlor	rans-1,3-Dichloropropene			1		6.7	U	
79-01-6	Trichloroethene				1		6.7	U	
75-69-4	Trichlorofluorom	ethane			1	6.7		U	
75-01-4	Vinyl chloride				1	13		U	
1330-20-7	Xylenes, total				1		4.0	J	
SYSTEM MON	ITORING COMPO	UND	ADDEL	) (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q	
1,2-Dichloroeth	ane-d4		50	0.0	55.4	111	64 - 126		
4-Bromofluorob	enzene		50	).0	47.6	95	72 - 126		
Toluene-d8	50.0			).0	58.6	117	71 - 125		
INTERNAL ST	TANDARD AREA			REA	RT	REF AREA	REF RT	Q	
1,4-Dichlorober	robenzene-d4 138822			822	9.36	229565	9.36		
1,4-Difluoroben	-Difluorobenzene 409502			502	4.31	439998	4.31		
Chlorobenzene-	d5		182	2648	6.92	215122	6.92		

BM-CONFIRM-W10

Laboratory:	TestAmerica Buffalo			SDG:	RTA0227		
Client:	New York State D.E.C Buff	alo, NY		Project:	NYSDEC - REC	JION 9 REMEDIA	TION/SPILLS CO
Matrix:	Solid L	aboratory ID:	RTA03	19-01	File ID:	F2549.D	
Sampled:	<u>01/08/10 16:30</u> Pr	repared:	01/08/1	0 20:01	Analyzed:	01/09/10 00:24	
Solids:		-			-		
		reparation:	<u>5030B</u>		Initial/Final:	<u>5.07 g / 5 mL</u>	
Batch:	10A0405 Sequence:	<u>T000089</u>		Calibration:	<u>R9L1503</u>	Instrument:	<u>HP5973F</u>
CAS NO.	COMPOUND		-	DILUTION	CON	IC. (ug/kg)	Q
71-55-6	1,1,1-Trichloroethane			1		6.8	U
79-34-5	1,1,2,2-Tetrachloroethane			11		6.8	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoro	ethane		11		6.8	U
79-00-5	1,1,2-Trichloroethane			1		6.8	U
75-34-3	1,1-Dichloroethane			1		6.8	U
75-35-4	1,1-Dichloroethene			1		6.8	U
120-82-1	1,2,4-Trichlorobenzene			1		6.8	U
96-12-8	1,2-Dibromo-3-chloropropane			1		6.8	U
106-93-4	1,2-Dibromoethane			1		6.8	U
95-50-1	1,2-Dichlorobenzene			1		6.8	U
107-06-2	1,2-Dichloroethane			1		6.8	U
78-87-5	1,2-Dichloropropane	•••		1		6.8	U
541-73-1	1,3-Dichlorobenzene			1		6.8	U
106-46-7	1,4-Dichlorobenzene			1		6.8	U
78-93-3	2-Butanone	2		1		14	1
591-78-6	2-Hexanone			1		34	U
108-10-1	4-Methyl-2-pentanone			1	-	34	U
67-64-1	Acetone			1		100	
71-43-2	Benzene			1		6.8	U
75-27-4	Bromodichloromethane			1		6.8	U U
75-25-2	Bromoform			1		6.8	U
74-83-9	Bromomethane			1		6.8	U
75-15-0	Carbon disulfide			1		6.8	<u></u>
56-23-5	Carbon Tetrachloride			1		6.8	U U
108-90-7	Chlorobenzene			1		6.8	
·····				1			U
75-00-3	Chloroftane			1		6.8	U
67-66-3	Chloroform			1		6.8	U
74-87-3	Chloromethane			1		6.8	<u> </u>
156-59-2	cis-1,2-Dichloroethene			1		6.8	<u> </u>
10061-01-5	cis-1,3-Dichloropropene			1		6.8	U
110-82-7	Cyclohexane			1		1.5	J
124-48-1	Dibromochloromethane			1		6.8	U
75-71-8	Dichlorodifluoromethane	Section 1		1	2	6.8	U
100-41-4	Ethylbenzene			1		6.8	U
98-82-8	Isopropylbenzene		_	1		6.8	U
79-20-9	Methyl Acetate			1		6.8	U
108-87-2	Methylcyclohexane			11		2.0	1 1
75-09-2	Methylene Chloride			1		4.6	J
1634-04-4	Methyl-t-Butyl Ether (MTBE)			1		6.8	U

#### 8260B

Laboratory:	TestAmerica Buffalo			SDG:	RTA0227		
Client:	New York State D.E.C.	- Buffalo, NY		Project:	NYSDEC - REGI	<u>ON 9 REMEDIAT</u>	ION/SPILLS CO
Matrix:	<u>Solid</u>	Laboratory ID:	RTA03	19-01	File ID:	F2549.D	
Sampled:	01/08/10 16:30	Prepared:	01/08/10	0 20:01	Analyzed:	01/09/10 00:24	
Solids:	72.34	Preparation:	5030B N	MS	Initial/Final:	5.07 g / 5 mL	
Batch:	<u>10A0405</u> Sequ	uence: <u>T000089</u>		Calibration:	<u>R9L1503</u>	Instrument:	<u>HP5973F</u>
CAS NO.	COMPOUND			DILUTION	CONC	C. (ug/kg)	Q
100-42-5	Styrene			1		5.8	U
127-18-4	Tetrachloroethene			1		5.8	υ
108-88-3	Toluene		_	1		5.8	υ
156-60-5	trans-1,2-Dichloroether	ıe		1		5.8	U
10061-02-6	trans-1,3-Dichloroprop	ene		1		5.8	U
79-01-6	Trichloroethene			1		5.8	U
75-69-4	Trichlorofluoromethan	9		1	6.8		U
75-01-4	Vinyl chloride			1	14		U
1330-20-7	Xylenes, total			1		14	U
SYSTEM MON	ITORING COMPOUND	ADDE	D (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
1,2-Dichloroeth	ane-d4	5	0.0	55.0	110	64 - 126	
4-Bromofluorob	enzene	5	0.0	45.7	91	72 - 126	
Toluene-d8		5	0.0	56.5	113	71 - 125	
INTERNAL ST	ANDARD	A	REA	RT	REF AREA	REF RT	Q
1,4-Dichlorober	izene-d4	12	5091	9.36	210646	9.36	
1,4-Difluorober	izene	39	7746	4.32	396724	4.32	
Chlorobenzene-	d5	18	6015	6.92	197002	6.92	

Laboratory:	TestAmerica Buffalo		SDG:	RSL0991		
Client:	New York State D.E.	<u>C Buffalo, NY</u>	Project:	NYSDEC - REC	GION 9 REMEDIA	TION/SPILLS C
Matrix:	<u>Solid</u>	Laboratory ID:	<u>RSL0991-01</u>	File ID:	X9968.D	
Sampled:	12/22/09 13:45	Prepared:	12/29/09 16:00	Analyzed:	12/30/09 15:17	
Solids:	90.72	Preparation:	3550B MB	Initial/Final:	<u>30.09 g / 1 mL</u>	
Batch:	<u>9L28014</u> Se	quence: <u>RL93(</u>	008 Calibration:	<u>R9L2306</u>	Instrument:	<u>HP5973X</u>
CAS NO.	COMPOUND		DILUTION	CON	NC. (ug/kg)	Q
108-60-1	2,2'-Oxybis(1-Chloro	propane)	10		1900	UD
95-95-4	2,4,5-Trichloropheno		10		1900	UD
88-06-2	2,4,6-Trichloropheno		10		1900	UD
120-83-2	2,4-Dichlorophenol		10		1900	UD
105-67-9	2,4-Dimethylphenol		10		1900	UD
51-28-5	2,4-Dinitrophenol		10		3600	UDS
121-14-2	2,4-Dinitrotoluene		10		1900	
606-20-2	2,6-Dinitrotoluene		10		1900	UD
91-58-7	2-Chloronaphthalene		10		1900	UD
95-57-8	2-Chlorophenol		10		1900	UD
91-57-6	2-Methylnaphthalene		10		1900	UD
95-48-7	2-Methylphenol		10		1900	UD
88-74-4	2-Nitroaniline		10		3600	UD
88-75-5	2-Nitrophenol		10		1900	
91-94-1	3,3'-Dichlorobenzidir	ne	10		1900	
99-09-2	3-Nitroaniline		10		3600	UD
534-52-1	4,6-Dinitro-2-methyl	nhenol	10		3600	UD
101-55-3	4-Bromophenyl phen		10		1900	UD
59-50-7	4-Chloro-3-methylph		10	1	1900	UD
106-47-8	4-Chloroaniline		10		1900	UD
7005-72-3	4-Chlorophenyl phen	vl ether	10		1900	UD
106-44-5	4-Methylphenol		10		1900	UD
100-01-6	4-Nitroaniline		10		3600	UD
100-02-7	4-Nitrophenol		10	tere ever	3600	UD
83-32-9	Acenaphthene		10		1900	UD
208-96-8	Acenaphthylene		10		1900	UD
98-86-2	Acetophenone		10		1900	UD
120-12-7	Anthracene		10		1900	UD
1912-24-9	Atrazine		10		1900	UD
100-52-7	Benzaldehyde		10		1900	UD
56-55-3	Benzo(a)anthracene		10		240	 
50-32-8	Benzo(a)pyrene		10		190	CIL CIL
205-99-2	Benzo(b)fluoranthene		10		170	ar an
191-24-2	Benzo(ghi)perylene	- 47 M	10		1900	
207-08-9	Benzo(k)fluoranthene		10		120	
92-52-4	Biphenyl		10		1900	UD
111-91-1	Bis(2-chloroethoxy)n	nethane	10		1900	UD
111-44-4	Bis(2-chloroethyl)eth		10		1900	UD
117-81-7	Bis(2-ethylhexyl) pht		10		1900	

#### 8270C

aboratory:	TestAmerica Bu	ffalo		1	SDG:	RSL0991		
lient:	New York State	D.E.C Buffalo, N	<u>1Y</u>	1	Project:	NYSDEC - REGI	ON 9 REMEDIAT	ION/SPILLS
latrix:	Solid	Labora	atory ID: F	RSL0991	-01	File ID:	X9968.D	
ampled:	12/22/09 13:45	Prepare	-	2/29/09		Analyzed:	12/30/09 15:17	
olids:	90.72	Prepar		550B M		Initial/Final:	30.09 g / 1 mL	
Batch:	<u>9L28014</u>	Sequence:	<u>RL93008</u>		Calibration:	R9L2306	Instrument:	HP5973X
_		bequence.	10123000	1				
CAS NO.	COMPOUND				DILUTION		C. (ug/kg)	Q
85-68-7	Butyl benzyl pht	halate			10	1	UD	
105-60-2	Caprolactam				10	1	UD	
86-74-8	Carbazole				10	1	UD	
218-01-9	Chrysene				10		.90	JD
53-70-3	Dibenzo(a,h)ant	hracene			10		900	UD
132-64-9	Dibenzofuran				10		900	UD
84-66-2	Diethyl phthalate				10		900	UD
131-11-3	Dimethyl phthal				10	1	UD	
84-74-2	Di-n-butyl phtha	ilate			10	1	900	UD
117-84-0	Di-n-octyl phtha	Di-n-octyl phthalate				1	900	UD
206-44-0	Fluoranthene				10	4	460	Л
86-73-7	Fluorene					1	UD	
118-74-1	Hexachlorobenz	Hexachlorobenzene				1900		UD
87-68-3	Hexachlorobutadiene				10	1	900	UD
77-47-4	Hexachlorocyclo	opentadiene			10	1	900	UD
67-72-1	Hexachloroethan	ne			10	1	900	UD
193-39-5	Indeno(1,2,3-cd)	)pyrene			10	1	900	UD
78-59-1	Isophorone				10	1	900	UD
91-20-3	Naphthalene				10	1	900	UD
98-95-3	Nitrobenzene				10	1	900	UD
621-64-7	N-Nitrosodi-n-p	ropylamine			10	1	UD	
86-30-6	N-Nitrosodipher				10	1900		UD
87-86-5	Pentachloropher				10	3	UD	
85-01-8	Phenanthrene				10		380	Л
108-95-2	Phenol				10	1	UD	
129-00-0					10		360	JD
	VITORING COMPO	OUND	ADDED (1	ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
2,4,6-Tribromo	phenol		5490		4680	85	39 - 146	D
2-Fluorobiphen			3660		3230	88	37 - 120	D
2-Fluorophenol			5490		3500	64	18 - 120	D
Nitrobenzene-d			3660		2080	57	34 - 132	D
Phenol-d5	5490			)	3870	70	11 - 120	D
p-Terphenyl-d1	CONTRACTOR CONTRA			2910	80	58 - 147	D	
INTERNAL ST	VAL STANDARD AREA			RT	REF AREA	REF RT	Q	
1,4-Dichlorober	ichlorobenzene-d4 142227			6.18	137391	6.18		
	cenaphthene-d10 253840			9.75	239725	9.75		
Chrysene-d12				13.74	528002	13.74		
Naphthalene-d8	alene-d8 479911			7.69	456468	7.69		
Perylene-d12				15	569633	15		
Phenanthrene-d	110		42966		11.34	419846	11.34	

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#### Form 1

**ORGANIC ANALYSIS DATA SHEET** 

Laboratory:	TestAmerica Buffalo				RSL0991		
Client:	New York State D.E.C E	luffalo, NY	]	Project:	NYSDEC - REC	GION 9 REMEDIA	TION/SPILLS (
Matrix:	Solid	Laboratory ID:	RSL1134	5-01	File ID:	W9767.D	
Sampled:	12/28/09 14:30	Prepared:	01/04/10	19:00	Analyzed:	01/05/10 13:27	
- Solids:	81.86	Preparation:	3550B M		Initial/Final:	30.66 g / 1 mL	
Batch:	10A0046 Sequence	ce: <u>T000020</u>		Calibration:	<u>R9L1103</u>	Instrument:	HP5973W
CAS NO.	COMPOUND			DILUTION		VC. (ug/kg)	Q
108-60-1	2,2'-Oxybis(1-Chloropropa	ine)		1		200	U
95-95-4	2,4,5-Trichlorophenol			1		200	U
88-06-2	2,4,6-Trichlorophenol			1		200	U
120-83-2	2,4-Dichlorophenol			1		200	U U
105-67-9	2,4-Dimethylphenol			1		200	<u>บ</u> บ
51-28-5							
Contraction of the second	2,4-Dinitrophenol			1		390	U
121-14-2	2,4-Dinitrotoluene			1		200	U
606-20-2		,6-Dinitrotoluene		1		200	U
91-58-7	2-Chloronaphthalene			1		200	<u> </u>
95-57-8	2-Chlorophenol			1	,	200	U
91-57-6	2-Methylnaphthalene			1		200	U
95-48-7	2-Methylphenol			1		200	U
88-74-4	2-Nitroaniline			1		390	U
88-75-5	2-Nitrophenol			1		200	U
91-94-1	3,3'-Dichlorobenzidine			1		200	U
99-09-2	3-Nitroaniline			1		390	U
534-52-1	4,6-Dinitro-2-methylpheno	al		1		390	U
101-55-3	4-Bromophenyl phenyl eth	er		1		200	U
59-50-7	4-Chloro-3-methylphenol			1		200	U
106-47-8	4-Chloroaniline			1		200	U
7005-72-3	4-Chlorophenyl phenyl eth	er		1		200	U
106-44-5	4-Methylphenol			1		200	U U
100-01-6	4-Nitroaniline			1		390	U
100-02-7	4-Nitrophenol			1		390	U
83-32-9	Acenaphthene			1	-	200	U U
208-96-8	Acenaphthylene			1		200	U
98-86-2	Acetophenone			1		200	
120-12-7	Anthracene					200	<u> </u>
1912-24-9				1			U
	Atrazine			1		200	<u>U</u>
100-52-7	Benzaldehyde			1		200	U
56-55-3	Benzo(a)anthracene			1		200	U
50-32-8	Benzo(a)pyrene			1		200	U
205-99-2	Benzo(b)fluoranthene			1		200	U
191-24-2	Benzo(ghi)perylene			1		200	U
207-08-9	Benzo(k)fluoranthene			1		200	U
92-52-4	Biphenyl			1		200	U
111-91-1	Bis(2-chloroethoxy)methan	ne		1		200	υ
111-44-4	Bis(2-chloroethyl)ether			1		200	U
117-81-7	Bis(2-ethylhexyl) phthalate	•		1		200	U

BM-CONFIRM-C3-F

Laboratory:	TestAmerica Bu	ffalo			SDG:	RSL0991		
Client:	New York State	D.E.C Buffalo,	NY		Project:	NYSDEC - REG	ION 9 REMEDIAT	ION/SPILLS CO
Matrix:	Solid	Labo	ratory ID:	<u>RSL113</u>	5-01	File ID:	<u>W9767.D</u>	
Sampled:	12/28/09 14:30	Prepa	ared:	01/04/10	19:00	Analyzed:	01/05/10 13:27	
Solids:	81.86	Prepa	aration:	3550B N	∕/B	Initial/Final:	30.66 g / 1 mL	
Batch:	10A0046	Sequence:	<u>T000020</u>		Calibration:	<u>R9L1103</u>	HP5973W	
CAS NO.	COMPOUND	Bequence.	1000020		DILUTION		Instrument: C. (ug/kg)	1
85-68-7		1 - 1 - 4					200	Q
105-60-2	Butyl benzyl pht Caprolactam	nalate			1		U	
86-74-8					1		U	
	Carbazole				1		U	
218-01-9	Chrysene				1		U	
53-70-3	Dibenzo(a,h)ant	hracene			1		U	
132-64-9	Dibenzofuran				1		200 200	<u>U</u>
84-66-2	Diethyl phthalate				1		U	
131-11-3	Dimethyl phthal				1		U	
84-74-2	Di-n-butyl phtha				1		200	U
117-84-0		ten i i e a anno e a			1	12	200	U
206-44-0		loranthene			1		200	U
86-73-7		iorene			1	200		U
118-74-1		exachlorobenzene			1	200		U
87-68-3		Iexachlorobutadiene			11		200	U
77-47-4	Hexachlorocyclo	•			1		200	U
67-72-1	Hexachloroethan				1		200	U
193-39-5	Indeno(1,2,3-cd)	)pyrene			1		200	U
78-59-1	Isophorone				11		<u> </u>	
91-20-3	Naphthalene				1 -		U	
98-95-3	Nitrobenzene	110-00			11		U	
621-64-7	N-Nitrosodi-n-p	ropylamine			11	200		U
86-30-6	N-Nitrosodipher	nylamine			1		U	
87-86-5	Pentachloropher	nol			1		U	
85-01-8	Phenanthrene				1		U	
108-95-2	Phenol				1		υ	
129-00-0	Pyrene				1		200	U
SYSTEM MON	ITORING COMPO	OUND	ADDEL	) (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
2,4,6-Tribromop	henol		59	80	5550	93	39 - 146	
2-Fluorobipheny	4		39	980	3260	82	37 - 120	
2-Fluorophenol				980	3940	66	18 - 120	
Nitrobenzene-d5			39	980	2900	73	34 - 132	
Phenol-d5			59	80	4250	71	11 - 120	
p-Terphenyl-d14	4 3980				3230	81	58 - 147	
INTERNAL STA				REA	RT	REF AREA	REF RT	Q
1,4-Dichloroben				2833	6.18	212196	6.18	
Acenaphthene-d				5883	10.09	504865	10.09	
Chrysene-d12				4365	14.25	1063674	14.25	
Naphthalene-d8	d8 1127369			7369	7.84	943760	7.84	
Perylene-d12			117	2537	15.54	951660	15.54	
Phenanthrene-d1	0 )9		100	1544	11. <b>79</b> 2/3567	806187	11.79	

Form 1

BM-CONFIRM-C2-F2

# ORGANIC ANALYSIS DATA SHEET

Laboratory:	TestAmerica Buffa	lo			SDG:	RSL0991		
Client:	New York State D.	E.C Buffalo	<u>, NY</u>		Project:	NYSDEC - REG	GION 9 REMEDIA	TION/SPILLS CO
Matrix:	Solid	Lab	oratory ID:	RSL113	5-02	File ID:	W9768.D	
Sampled:	12/29/09 13:30		pared:	01/04/1	0 19:00	Analyzed:	01/05/10 13:52	
Solids:	55.96	_	paration:	3550B I		Initial/Final:	<u>30.24 g/1 mL</u>	
Batch:		Sequence:	T000020		Calibration:	R9L1103	Instrument:	HP5973W
CAS NO.	COMPOUND		1000000		DILUTION		NC. (ug/kg)	Q
108-60-1	2,2'-Oxybis(1-Chlo		<u></u>	1 hi 4	1		300	U U
95-95-4	2,4,5-Trichloropher			101200-01001	1		300	U U
88-06-2	2,4,6-Trichloropher				1		300	U
120-83-2	2,4-Dichlorophenol				1		300	U U
105-67-9	2,4-Dimethylpheno				1		300	U
51-28-5	2,4-Dinitrophenol				1		590	U
121-14-2	2.4-Dinitrotoluene				1	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	300	U
606-20-2	2,6-Dinitrotoluene				1		300	U
91-58-7	2-Chloronaphthaler	ne			1		300	U U
95-57-8	2-Chlorophenol	10			1		300	U U
91-57-6	2-Methylnaphthaler				1		300	U U
95-48-7	2-Methylphenol				1		300	U U
88-74-4	2-Nitroaniline				1		590	U
88-75-5	2-Nitrophenol				1		300	U
91-94-1	3,3'-Dichlorobenzio	dine			1		300	U U
99-09-2	3-Nitroaniline	anne			1		590	U
534-52-1	4,6-Dinitro-2-methy	vinhenol			1		590	U U
101-55-3	4-Bromophenyl pho				1		300	U
59-50-7	4-Chloro-3-methyl	7.	ž.		1		300	U
106-47-8	4-Chloroaniline				1		300	U
7005-72-3	4-Chlorophenyl pho	envi ether		950 L COM	1		300	U
106-44-5	4-Methylphenol	on yr edior			1		300	U
100-01-6	4-Nitroaniline				1		590	<u>ט</u>
100-02-7	4-Nitrophenol				1		590	U U
83-32-9	Acenaphthene				1		300	U
208-96-8	Acenaphthylene				1		300	U
98-86-2	Acetophenone				1		300	U
120-12-7	Anthracene				1		300	U
1912-24-9	Atrazine				1		300	U
100-52-7	Benzaldehyde		-100		1		300	U U
56-55-3	Benzo(a)anthracene	e			1		300	U
50-32-8	Benzo(a)pyrene			1	1		300	U
205-99-2	Benzo(b)fluoranthe	me			1		300	U
191-24-2	Benzo(ghi)perylene				1	-	300	U U
207-08-9	Benzo(k)fluoranthe				1		300	U
92-52-4	Biphenyl				1		300	U
111-91-1	Bis(2-chloroethoxy	methane			1		300	U
111-44-4	Bis(2-chloroethyl)e				1		300	U U
117-81-7	Bis(2-ethylhexyl) p				1		300	U

#### 8270C

Laboratory:	TestAmerica But	ffalo		1	SDG:	RSL0991		
Client:	New York State	D.E.C Buffalo,	NY	]	Project:	NYSDEC - REGI	ON 9 REMEDIAT	ION/SPILLS (
Matrix:	Solid	Labo	ratory ID:	RSL1135	5-02	File ID:	W9768.D	
Sampled:	12/29/09 13:30	Prepa	ared:	01/04/10	19:00	Analyzed:	01/05/10 13:52	
Solids:	55.96	-	aration:	3550B M		Initial/Final:	30.24 g / 1 mL	
Batch:	<u>10A0046</u>	Sequence:	<u>T000020</u>		Calibration:	R9L1103	Instrument:	HP5973W
	1	Bequence,	100020			CONC. (ug/kg)		1
CAS NO.	COMPOUND				DILUTION			Q
85-68-7	Butyl benzyl pht	halate			1		300	U
105-60-2	Caprolactam				1		300	U
86-74-8	Carbazole				1		300	<u>U</u>
218-01-9	Chrysene	nin anakozarra (			1		300	<u> </u>
53-70-3	Dibenzo(a,h)anth	hracene			1		300	U
132-64-9	Dibenzofuran				1		300	U
84-66-2	Diethyl phthalate				1		300	U
131-11-3	Dimethyl phthala				1		300	U
84-74-2	Di-n-butyl phtha				1		300	UU
117-84-0	Di-n-octyl phtha	late			1		300	U
206-44-0	Fluoranthene				1		300	U
86-73-7	Fluorene				1		300	U
118-74-1	Hexachlorobenz	ene			1		300	U
87-68-3	Hexachlorobutad	liene			1		300	U
77-47-4	Hexachlorocyclo	opentadiene			1		300	U
67-72-1	Hexachloroethar	ne			1		300	U
193-39-5	Indeno(1,2,3-cd)	pyrene			11		300	U
78-59-1	Isophorone	11.000			1		300	U
91-20-3	Naphthalene				1		300	U
98-95-3	Nitrobenzene				1	300		U
621-64-7	N-Nitrosodi-n-pi	ropylamine			1	300		U
86-30-6	N-Nitrosodiphen	ylamine			11	300		U
87-86-5	Pentachlorophen	ol			1	590		U
85-01-8	Phenanthrene				1		300	U
108-95-2	Phenol			1		300	U	
129-00-0	Pyrene				1		300	U
	ITTORING COMPO	DUND	ADDED	(ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
2,4,6-Tribromo	phenol		88	50	8340	94	39 - 146	
2-Fluorobiphen	yl		59	10	4640	78	37 - 120	
2-Fluorophenol	Sector and the sector of the s		88	60	5790	65	18 - 120	
Nitrobenzene-d	5		59	10	4160	70	34 - 132	
Phenol-d5			88	60	6190	70	11 - 120	
p-Terphenyl-d1			59	10	4870	82	58 - 147	
INTERNAL ST	ANDARD		AR	EA	RT	REF AREA	REF RT	Q
1,4-Dichlorober	nzene-d4		258	681	6.18	212196	6.18	
Acenaphthene-	d10		608	078	10.09	504865	10.09	
Chrysene-d12			1192	.042	14.25	1063674	14.25	
Naphthalene-d8			835	7.84	943760	7.84		
Perylene-d12			1150	442	15.54	951660	15.54	
Phenanthrene-d	110 709		986	785	11.79	806187	11.79	

#### Form 1

ORGANIC ANALYSIS DATA SHEET

#### BM-CONFIRM-C4-F

Laboratory:	TestAmerica Buff	falo			SDG:	RSL0991		
Client:	<u>New York State I</u>	D.E.C Buffalo	<u>, NY</u>		Project:	NYSDEC - REC	GION 9 REMEDIA	TION/SPILLS
Matrix:	Solid	Lab	oratory ID:	RSL113	5-03	File ID:	W9769.D	
Sampled:	<u>12/30/09 15:00</u>	Prej	pared:	01/04/1	0 19:00	Analyzed:	01/05/10 14:16	
Solids:	77.53	Prej	paration:	3550B N	MB	Initial/Final:	30.31 g/1 mL	
Batch:	<u>10A0046</u>	Sequence:	<u>T000020</u>		Calibration:	R9L1103	Instrument:	<u>HP5</u> 973W
CAS NO.	COMPOUND				DILUTION		NC. (ug/kg)	Q
108-60-1	2,2'-Oxybis(1-Ch	loromronane)			1		220	U
95-95-4	2,4,5-Trichloroph				1		220	U U
88-06-2	2,4,6-Trichloroph				1		220	U U
120-83-2	2,4-Dichlorophen				1		220	
105-67-9	2,4-Dimethylpher			**	1			<u> </u>
51-28-5	2,4-Dinitrophenol				1		220 420	U
121-14-2	2,4-Dinitrophenol				1			<u> </u>
606-20-2	2,6-Dinitrotoluen				1		220	<u>U</u>
91-58-7	2,6-Dimtrocontend 2-Chloronaphthal						220	
95-57-8	2-Chlorophenol	CHC			1		220	U
93-57-8	2-Chiorophenol 2-Methylnaphthal	lana			1		220	<u> </u>
91-37-8		lene			1	_	220	U
88-74-4	2-Methylphenol 2-Nitroaniline				1	-	220	U
88-75-5					1		420	U
	2-Nitrophenol				1		220	U
91-94-1	3,3'-Dichlorobenz	zidine			1		220	U
99-09-2	3-Nitroaniline				1		420	U
534-52-1	4,6-Dinitro-2-met				1		420	U
101-55-3	4-Bromophenyl p				1		220	U
59-50-7	4-Chloro-3-methy	riphenol			11		220	U
106-47-8	4-Chloroaniline				1		220	<u> </u>
7005-72-3	4-Chlorophenyl p	henyl ether			1		220	Ŭ
106-44-5	4-Methylphenol				1		220	U
100-01-6	4-Nitroaniline				1		420	U
100-02-7	4-Nitrophenol				1		420	U
83-32-9	Acenaphthene				11		220	U
208-96-8	Acenaphthylene				1		220	U
98-86-2	Acetophenone				1		220	U
120-12-7	Anthracene				1		220	U
1912-24-9	Atrazine				1		220	U
100-52-7	Benzaldehyde				1		220	U
56-55-3	Benzo(a)anthrace	ne			1		220	U
50-32-8	Benzo(a)pyrene				1		220	U
205-99-2	Benzo(b)fluoranth				1		220	U
191-24-2	Benzo(ghi)peryler				1		220	U
207-08-9	Benzo(k)fluoranth	hene			1	-	220	U
92-52-4	Biphenyl				1		220	U
111-91-1	Bis(2-chloroethox				1		220	U
111-44-4	Bis(2-chloroethyl)				1		220	U
117-81-7	Bis(2-ethylhexyl)	phthalate			1		220	U

aboratory:	TestAmerica Buffalo		ł	SDG:	RSL0991		
Client:	New York State D.E.C But	falo, NY		Project:	NYSDEC - REG	ON 9 REMEDIAT	ION/SPILLS
Matrix:	Solid	Laboratory ID:	<u>RSL113</u>	5-03	File ID:	<u>W9769.D</u>	
ampled:	<u>12/30/09 15:00</u>	Prepared:	01/04/10	19:00	Analyzed:	01/05/10 14:16	
olids:	77.53	Preparation:	3550B M	B	Initial/Final:	<u>30.31 g/1 mL</u>	
latch:	10A0046 Sequence:	<u>T000020</u>		Calibration:	<u>R9L1103</u>	Instrument:	<u>HP5973W</u>
CAS NO.	COMPOUND			DILUTION	CON	C. (ug/kg)	Q
85-68-7	Butyl benzyl phthalate			1		220	U
105-60-2	Caprolactam			1		220	U
86-74-8	Carbazole			1		220	U
218-01-9	Chrysene			1		220	U
53-70-3	Dibenzo(a,h)anthracene			1	· · · · · · · · · · · · · · · · · · ·	220	U
132-64-9	Dibenzofuran			1		220	U
84-66-2	Diethyl phthalate			1		220	U
131-11-3	Dimethyl phthalate			1		220	U U
84-74-2	Di-n-butyl phthalate	11 - 1		1		220	U
117-84-0	Di-n-octyl phthalate			1		220	<u>บ</u> บ
206-44-0	Fluoranthene			1		220	<u>ບ</u>
86-73-7				State State		220	U
118-74-1	Fluorene /			1		220	U U
87-68-3				1		and the second sec	
77-47-4	Hexachlorobutadiene			1		220	U
	Hexachlorocyclopentadiene			1		220	U
67-72-1	Hexachloroethane			1		220	U
193-39-5	Indeno(1,2,3-cd)pyrene	· · · · · ·		1		220	U
78-59-1	Isophorone			1		220	U
91-20-3	Naphthalene			1		220	U
98-95-3	Nitrobenzene			1		220	U
621-64-7	N-Nitrosodi-n-propylamine			11		220	U
86-30-6	N-Nitrosodiphenylamine			1		220	U
87-86-5	Pentachlorophenol			1		420	U
85-01-8	Phenanthrene			11		220	U
108-95-2	Phenol			1		220	U
129-00-0	Ругеле	r		11		220	U
SYSTEM MOD	NITORING COMPOUND	ADDEI	) (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
2,4,6-Tribromo	*** · · · · · · · · · · · · · · · · · ·	63	880	5960	93	39 - 146	
2-Fluorobiphen			260	3360	79	37 - 120	,
2-Fluorophenol			80	4160	65	18 - 120	
Nitrobenzene-d	5		260	3020	71	34 - 132	
Phenol-d5	· · · · · · · · · · · · · · · · · · ·		880	4480	70	11 - 120	-
p-Terphenyl-dl			260	3550	83	58 - 147	
INTERNAL ST	for succession in the second		REA	RT	REF AREA	REF RT	Q
1,4-Dichlorobe			1279	6.18	212196	6.18	
Acenaphthene-	d1V		891	10.09	504865	10.09	
Chrysene-d12			3420	14.25	1063674	14.25	
Naphthalene-da	8		3191	7.84	943760	7.84	
Perylene-d12			9003	15.54	951660	15.54	
Phenanthrene-dorm Rev: 11/23		100	0433	11.7 <b>9</b> 3/3567	806187	11.79	

Laboratory:	TestAmerica Buffalo		SDG:	RSL0991		
Client:	New York State D.E.C Buffalo, NY		Project:	NYSDEC - REG	GION 9 REMEDIA	FION/SPILLS CO
Matrix:	Solid Laboratory	ID: <u>RSL11</u>	35-04	File ID:	<u>W9770.D</u>	
Sampled:	12/30/09 15:00 Prepared:	01/04/1	10 19:00	Analyzed:	01/05/10 14:41	
Solids:	81.42 Preparation	n: 3550B	MB	Initial/Final:	30.32 g/1 mL	
Batch:		000020	Calibration:	R9L1103	Instrument:	HP5973W
CAS NO.	COMPOUND		DILUTION		NC. (ug/kg)	Q
108-60-1	2,2'-Oxybis(1-Chloropropane)		1		210	U
95-95-4	2,4,5-Trichlorophenol		1		210	U U
88-06-2	2,4,6-Trichlorophenol		1		210	U
120-83-2	2,4-Dichlorophenol		1		210	U
105-67-9	2,4-Dimethylphenol		1		210	U
51-28-5	2,4-Dinitrophenol		1		400	U
121-14-2	2.4-Dinitrotoluene					-
			1		210	U
606-20-2	2,6-Dinitrotoluene		1		210	U
91-58-7	2-Chloronaphthalene		1	-	210	U
95-57-8	2-Chlorophenol		1		210	U
91-57-6	2-Methylnaphthalene		1		210	U
95-48-7	2-Methylphenol		1		210	U
88-74-4	2-Nitroaniline		1		400	U
88-75-5	2-Nitrophenol		1		210	U
91-94-1	3,3'-Dichlorobenzidine		1		210	U
99-09-2	3-Nitroaniline		1		400	U
534-52-1	4,6-Dinitro-2-methylphenol		1		400	U
101-55-3	4-Bromophenyl phenyl ether		1		210	U
59-50-7	4-Chloro-3-methylphenol		1		210	U
106-47-8	4-Chloroaniline		1		210	U
7005-72-3	4-Chlorophenyl phenyl ether		1		210	U
106-44-5	4-Methylphenol		1		210	U
100-01-6	4-Nitroaniline		1	1. O	400	U
100-02-7	4-Nitrophenol		1		400	U
83-32-9	Acenaphthene		1		210	U
208-96-8	Acenaphthylene		1		210	U
98-86-2	Acetophenone		1		210	U
120-12-7	Anthracene		1		210	U
1912-24-9	Atrazine		1		210	U
100-52-7	Benzaldehyde		1		210	U
56-55-3	Benzo(a)anthracene		1		8.1	1
50-32-8	Benzo(a)pyrene		1		210	U
205-99-2	Benzo(b)fluoranthene		1		10	J
191-24-2	Benzo(ghi)perylene		1		210	U
207-08-9	Benzo(k)fluoranthene		1		210	U
92-52-4	Biphenyl				210	
111-91-1	Bis(2-chloroethoxy)methane		1	-		U
			1		210	U
111-44-4	Bis(2-chloroethyl)ether		1		210	U
117-81-7	Bis(2-ethylhexyl) phthalate		1		210	U

#### 8270C

Laboratory:	TestAmerica But	TestAmerica Buffalo				RSL0991		
Client:	New York State	D.E.C Buffalo, M	<u>YY</u>	1	Project:	NYSDEC - REGI	ON 9 REMEDIAT	ION/SPILL <u>S (</u>
Matrix:	<u>Solid</u>	Labor	atory ID:	RSL1135	i-04	File ID:	<u>W9770.D</u>	
Sampled:	12/30/09 15:00	Prepar	red:	01/04/10	19:00	Analyzed:	01/05/10 14:41	
Solids:	81.42	Prepar	ration:	3550B M	B	Initial/Final:	30.32 g/1 mL	
Batch:	10A0046	Sequence:	<u>T000020</u>			<u>R9L1103</u>	Instrument:	HP5973W
CAS NO.	COMPOUND				DILUTION	CONC. (ug/kg)		Q
85-68-7								
105-60-2	Butyl benzyl pht	halate			1		210	U
		Caprolactam		1		210	U	
86-74-8	-	Carbazole		1		210	U	
218-01-9	Chrysene				1		210	U
53-70-3	Dibenzo(a,h)anth	iracene			1		210	U
132-64-9	Dibenzofuran						210	U
84-66-2	Diethyl phthalate				1		210	U
131-11-3	Dimethyl phthala	and a set of the set o			1		210	U
84-74-2	Di-n-butyl phtha				1		210	U
117-84-0	Di-n-octyl phthal	late			1		210	U
206-44-0	Fluoranthene				1		15	J
86-73-7	Fluorene				1	-	210	U
118-74-1	Hexachlorobenze	ene			1		210	U
87-68-3	Hexachlorobutad				1		210	U
77-47-4	Hexachlorocyclo	pentadiene			1		210	U
67-72-1	Hexachloroethan	e			1		210	U
193-39-5	Indeno(1,2,3-cd)	рутепе			1		210	U
78-59-1	Isophorone				1		210	U
91-20-3	Naphthalene				1		210	U
98-95-3	Nitrobenzene				1		210	U
621-64-7	N-Nitrosodi-n-pr	opylamine			1		210	U
86-30-6	N-Nitrosodiphen	ylamine			1		210	U
87-86-5	Pentachlorophen	ol			1		400	U
85-01-8	Phenanthrene				1		210	υ
108-95-2	Phenol				1		210	U
129-00-0	Pyrene				1		13	J
SYSTEM MON	ITORING COMPO	OUND	ADDED	(ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
2,4,6-Tribromo	phenol			80	5700	94	39 - 146	
2-Fluorobiphen				50	3230	80	37 - 120	
2-Fluorophenol				80	3970	65	18 - 120	
Nitrobenzene-d	5			50	2890	71	34 - 132	
Phenol-d5			60	80	4320	71	11 - 120	
p-Terphenyl-d1	4		40	50	3330	82	58 - 147	
INTERNAL ST	ANDARD		AF	EA	RT	REF AREA	REF RT	Q
1,4-Dichlorober	nzene-d4		261	180	6.18	212196	6.18	
Acenaphthene-o	110			083	10.09	504865	10.09	
Chrysene-d12				7319	14.25	1063674	14.25	
Naphthalene-d8	1			3349	7.84	943760	7.84	
Perylene-d12				8517	15.54	951660	15.54	
Phenanthrene-d	10			9258	11.79	806187	11.79	

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Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C I	Buffalo, NY		Project:	NYSDEC - RE	GION 9 REMEDIA	TION/SPILLS CO
Matrix:	<u>Solid</u>	Laboratory ID:	RTA008	<u>32-01</u>	File ID:	<u>W9775.D</u>	
Sampled:	12/31/09 15:00	Prepared:	01/04/10	0 19:00	Analyzed:	01/05/10_16;43	
Solids:	82.92	Preparation:	3550B N	MB	Initial/Final:	<u>30.16 g/1 mL</u>	
Batch:	<u>10A0046</u> Sequen	nce: <u>T000020</u>		Calibration:	<u>R9L1103</u>	Instrument:	HP5973W
CAS NO.	COMPOUND	(1 = 1 - 1		DILUTION	CO	NC. (ug/kg)	Q
108-60-1	2,2'-Oxybis(1-Chloroprop	ane)	100000-0	1		200	U
95-95-4	2,4,5-Trichlorophenol			1		200	U U
88-06-2	2,4,6-Trichlorophenol			1		200	υ
120-83-2	2,4-Dichlorophenol	10.0.1000-0.0		1		200	U
105-67-9	2,4-Dimethylphenol			1		200	U
51-28-5	2,4-Dinitrophenol			1		400	U
121-14-2	2,4-Dinitrotoluene			1		200	<u></u> ע
606-20-2	2,6-Dinitrotoluene			1		200	U
91-58-7	2-Chloronaphthalene			1		200	U
95-57-8	2-Chlorophenol			1		200	U
91-57-6	2-Methylnaphthalene		_	1	-	200	U
95-48-7	2-Methylphenol			1		200	U
88-74-4	2-Nitroaniline			1			
				1		400	U
88-75-5	2-Nitrophenol			1		200	<u> </u>
91-94-1	3,3'-Dichlorobenzidine	(m)		1	-	200	U
99-09-2	3-Nitroaniline			1		400	U
534-52-1	4,6-Dinitro-2-methylphen			1		400	U
101-55-3	4-Bromophenyl phenyl et			1		200	U
59-50-7	4-Chloro-3-methylphenol			1		200	U
106-47-8	4-Chloroaniline			1		200	U
7005-72-3	4-Chlorophenyl phenyl et	her		1	-	200	U
106-44-5	4-Methylphenol			1		200	U
100-01-6	4-Nitroaniline			11		400	U
100-02-7	4-Nitrophenol			1		400	U
83-32-9	Acenaphthene			1		200	U
208-96-8	Acenaphthylene			1		200	U
98-86-2	Acetophenone			1		200	U
120-12-7	Anthracene			1		200	U
1912-24-9	Atrazine			1		200	U
100-52-7	Benzaldehyde			1		200	U
56-55-3	Benzo(a)anthracene		_	1		200	U
50-32-8	Benzo(a)pyrene			1		200	UU
205-99-2	Benzo(b)fluoranthene			1		200	U
191-24-2	Benzo(ghi)perylene			1		200	U
207-08-9	Benzo(k)fluoranthene			1		200	U
92-52-4	Biphenyl			1		200	U
111-91-1	Bis(2-chloroethoxy)metha	ine		1		200	U
111-44-4	Bis(2-chloroethyl)ether			1		200	U
117-81-7	Bis(2-ethylhexyl) phthalat	te		1		200	U

#### 8270C

TestAmerica Buff	<u>alo</u>		SDG:	RSL0991		
New York State D	),E.C Buffalo, N	IY	Project:	NYSDEC - REGI	ON 9 REMEDIAT	ION/SPILLS CO
<u>Solid</u>	Labora	tory ID: <u>RTA</u>	.0082-01	File ID:	W9775.D	
<u>12/31/09 15:00</u>	Prepare			Analyzed:	01/05/10 16:43	
82.92	_		BMB		30.16  g/1  mL	
						HP5973W
	boquence.	1000020	1000			1
						Q
	alate					U
			773 // // // // // // //			U
1						U
						U
	acene					U
the second se						U
						U
				000000000000000000000000000000000000000		U
						U
	ite					U
						<u> </u>
			1			U
			1			U
			1		200	U
and the second se			1		200	U
Hexachloroethane			1		200	U
Indeno(1,2,3-cd)p	yrene		1		200	U
Isophorone			1		200	U
Naphthalene			1		200	
Nitrobenzene			1	200		υ
N-Nitrosodi-n-pro	pylamine		1		200	U
N-Nitrosodipheny	lamine		1	200		U
Pentachloropheno	1		1	400		U
Phenanthrene			1		200	U
Phenol			1		200	U
Pyrene			1		200	U
ITORING COMPON	UND	ADDED (ug/k	g) CONC (ug/kg)	% REC	QC LIMITS	Q
henol		6000			39 - 146	
4		4000	3250	81		
		6000				
;		4000	3100	77	34 - 132	
		6000	4620	77	11 - 120	
1		4000	3360	84	58 - 147	
ANDARD		AREA	RT	REF AREA	REF RT	Q
zene-d4		244135	6.18	212196	6.18	
10		596451	10.09	504865	10.09	
		1172734	14.25	1063674	14.25	
		1069501	7.84	943760	7.84	
		1199239	15.54	951660	15.54	
0		954592	11.79	806187	11.79	
	New York State I         Solid         12/31/09 15:00         82.92         10A0046         COMPOUND         Butyl benzyl phth         Carbazole         Chrysene         Dibenzo(a,h)anthr         Dibenzofuran         Diethyl phthalate         Dimethyl phthalate         Dinethyl phthalate         Dinethyl phthalate         Fluoranthene         Fluorene         Hexachlorobenzer         Hexachlorobutadi         Hexachlorocyclop         Hexachlorocthane         Indeno(1,2,3-cd)p         Isophorone         Naphthalene         Nitrosodi-n-pro         N-Nitrosodipheny         Pentachloropheno         Phenol         Pyrene         ITTORING COMPON         Shenol         ANDARD         Izene-d4         II0	Solid       Labora         12/31/09 15:00       Prepare         82.92       Prepare         10A0046       Sequence:         COMPOUND       Butyl benzyl phthalate         Caprolactam       Carbazole         Chrysene       Dibenzo(a,h)anthracene         Dibenzo(a,h)anthracene       Dibenzofuran         Diethyl phthalate       Dinethyl phthalate         Dinethyl phthalate       Dinethyl phthalate         Dinethyl phthalate       Eneocyclopentadiene         Hexachlorobutadiene       Hexachlorocyclopentadiene         Hexachlorocyclopentadiene       Hexachlorophenol         Nitrobenzene       N-Nitrosodiphenylamine         Pentachlorophenol       Phenol         Pyrene       Pyrene         MTORING COMPOUND       Secure 4	New York State D.E.C Buffalo, NY           Solid         Laboratory ID:         RTA           12/31/09 15:00         Prepared:         01/0           82.92         Preparation:         3550           10A0046         Sequence:         T000020           COMPOUND	New York State D.E.C Buffalo, NY       Project:         Solid       Laboratory ID:       RTA0082-01         12/31/09 15:00       Prepared:       01/04/10 19:00         32.92       Preparation:       3550B ME         1040046       Sequence:       1000020       Calibration:         COMPOUND       Butyl benzyl phthalate       1       1         Carbazole       1       1       1         Chrysene       1       1       1         Dibenzo(a,h)anthracene       1       1       1         Dibenzo(a,h)anthracene       1       1       1         Dibenzofuran       1       1       1       1         Dibenzofuran       1       1       1       1         Dibenzofuran       1       1       1       1         Dienzofuran       1       1       1       1         Procente       1       1       1       1         Hexachlorocylopentaliene       1       1       1 <td>New York State D.E.C Buffalo, NY         Project:         NYSDEC - REGI           Solid         Laboratory ID:         RTA0082-01         File ID:           12/31/09 15:00         Prepared:         01/04/10 19:00         Analyzed:           82.92         Preparation:         3550B MB         Initia/Final:           104.0046         Sequence:         T000020         Calibration:         R9L1103           COMPOUND         DILUTION         CONC         Concord         Concord         Concord           Carbazola         1         1         1         1         1           Carbazola         1         1         1         1         1           Dibenzo(sh)andbracene         1         1         1         1         1           Dibenzo(sh)andbracene         1&lt;</td> <td>New York State D.E.C Buffalo, NY         Project:         NYSDEC - REGION 9 REMEDIAT           Solid         Laboratory ID:         RTA0082-01         Pile ID:         W9775 D           123109 15:00         Preparation:         3550B MB         Analyzed:         01/05/10 16:43           82.92         Preparation:         3550B MB         Initial/Final:         3016 g/1 mL           1004004         Sequence:         1000020         Calibration:         RDL1103         Instrument:           COMPOUND          DILUTION         CONC. (ug/kg)         Galaction         1         200           Carbazole         1         200         Carbazole         1         200         Galaction         1         200           Dibenzo(s)apathracene         1         200         Galaction         Galaction         1         200         Galaction         1</td>	New York State D.E.C Buffalo, NY         Project:         NYSDEC - REGI           Solid         Laboratory ID:         RTA0082-01         File ID:           12/31/09 15:00         Prepared:         01/04/10 19:00         Analyzed:           82.92         Preparation:         3550B MB         Initia/Final:           104.0046         Sequence:         T000020         Calibration:         R9L1103           COMPOUND         DILUTION         CONC         Concord         Concord         Concord           Carbazola         1         1         1         1         1           Carbazola         1         1         1         1         1           Dibenzo(sh)andbracene         1         1         1         1         1           Dibenzo(sh)andbracene         1<	New York State D.E.C Buffalo, NY         Project:         NYSDEC - REGION 9 REMEDIAT           Solid         Laboratory ID:         RTA0082-01         Pile ID:         W9775 D           123109 15:00         Preparation:         3550B MB         Analyzed:         01/05/10 16:43           82.92         Preparation:         3550B MB         Initial/Final:         3016 g/1 mL           1004004         Sequence:         1000020         Calibration:         RDL1103         Instrument:           COMPOUND          DILUTION         CONC. (ug/kg)         Galaction         1         200           Carbazole         1         200         Carbazole         1         200         Galaction         1         200           Dibenzo(s)apathracene         1         200         Galaction         Galaction         1         200         Galaction         1

Form Rev: 11/23/09

### 8270C

Client:         New York State DLE.C = Buffalo. NY         Project:         NYSDEC = REGION 9 REDUCTIONS PELLEQ (N)           Matrix:         Solid         Laboratory ID:         RTA0082-02         File ID:         NYSDEC = REGION 9 REDUCTIONS PELLEQ (N)           Sampled:         123109 1520         Preparation         01.04/10 19:00         Analyzat:         09275.0           Solida:         B.1.3         Preparation:         15509 MB         Instate/File         0.14 g/1.01.727           Bath:         10.04064         Sequence:         1000020         Calibration:         R9L1100         Instate/File           94.94         2,4-5.7161klorophenol         1         210         U         U           109.95.79         2,4-Deintrophenol         1         210         U         U           109.95.78         2,4-Deintrophenol         1         210         U         U           99.95.74         2.Methylphenol         1         210         U </th <th>Laboratory:</th> <th>TestAmerica Buffalo</th> <th></th> <th>SI</th> <th>DG:</th> <th>RSL0991</th> <th></th> <th></th>	Laboratory:	TestAmerica Buffalo		SI	DG:	RSL0991		
Samplef:         1221/09 15:30         Freparel:         01/04/10 19:00         Analyzei:         01/05/10 17:37           Solids:         81.13         Preparation:         3550B MB         Initial/Final:         01/12/17           Bath:         104.006/         Sequence:         1000020         Calibration:         RPL102         Instrument:         RPS73W           CAS NO.         COMPCUND         DILUTION         CONC. (sy/ka)         Q           108-60-1         2,2-0xylsi(1-Chitoreprepane)         1         210         U           88-062         2,4-5-Tricklorephenol         1         210         U           128-82         2,4-5-Tricklorephenol         1         210         U           131-282         2,4-5-Tricklorephenol         1         210         U           131-282         2,4-5-Tricklorephenol         1         210         U           131-282         2,4-5-Tricklorephenol         1         210         U           191-282         2,4-5-Tricklorephenol         1         210         U           191-282         2,4-5-Tricklorephenol         1         210         U           191-282         2,4-5-Tricklorephenol         1         210         U	Client:	New York State D.E.C H	Suffalo, NY	Pr	roject:	NYSDEC - REC	GION 9 REMEDIA	TION/SPILLS CO
Solid:         B.1.12         Preparation:         2.5500 M2         Initia/Final:         2.0.14 g/l mathematical math	Matrix:	Solid	Laboratory ID:	RTA0082-	-02	File ID:	<u>W9776.D</u>	
Batch:         104.004/t         Sequence:         T006.020         Calibration:         R9L1103         Instrument:         HPS973W           CAS NO.         COMPOUND         DILUTION         CONC. (ug/kg)         Q           108-60-1         2.2-Oxybis(1-Chitorypopane)         1         210         U           98-59-4         2.4,5-Trichlorophenol         1         210         U           108-67-9         2.4-Dintrichylbenol         1         210         U           105-67-9         2.4-Dintrichylbenol         1         210         U           105-67-9         2.4-Dintrichylbenol         1         210         U           105-67-9         2.4-Dintrichylbenol         1         210         U           91-57-6         2.Chitrotolaeae         1         210         U           91-57-6         2.Chitrotolaeae         1         210         U           91-57-6         2.Chitrotolaeae         1         210         U           91-57-6         2.Chitronaphthalene         1         210         U           91-57-6         2.Chitronaphthalene         1         210         U           91-57-7         2.Chitronaphthalene         1         210 <tdu< td=""><td>Sampled:</td><td><u>12/31/09 15:30</u></td><td>Prepared:</td><td>01/04/10 1</td><td>9:00</td><td>Analyzed:</td><td>01/05/10 17:07</td><td></td></tdu<>	Sampled:	<u>12/31/09 15:30</u>	Prepared:	01/04/10 1	9:00	Analyzed:	01/05/10 17:07	
Batch:         104094         Sequence:         1000020         Culibration:         PQL1103         Instrument:         HPS973W           CAS NO.         COMPOUND         DILUTION         CONC. (ug/kg)         Q           108-60-1         2.2-Oxybid1-Chloropropane)         1         210         U           98-59-4         2.4-5-Trichlorophenol         1         210         U           120-82-3         2.4-Dischlyophenol         1         210         U           131-52-7         2.4-Dischlyophenol         1         210         U           131-52-7         2.4-Dischlyophenol         1         210         U           91-52-7         2.4-Dischlyophenol         1         210         U           91-52-7         2.Chlorronphthalece         1         210 <t< td=""><td>Solids:</td><td>81.13</td><td>Preparation:</td><td>3550B ME</td><td>3</td><td>Initial/Final:</td><td>30.14 g/1 mL</td><td></td></t<>	Solids:	81.13	Preparation:	3550B ME	3	Initial/Final:	30.14 g/1 mL	
CAS NO.         COMPOUND         DILUTION         CONC. (ug/kg)         Q           108-60-1         22'Oxybis(1-Chloroppenae)         1         210         U           95-954         2,4,5 Trichlorophenal         1         210         U           188-06-2         2,4,5 Trichlorophenal         1         210         U           120-83-2         2,4,5 Trichlorophenal         1         210         U           105-67-9         2,4-Dinitrophenal         1         210         U           121-42         2,4-Dinitrophenal         1         210         U           121-42         2,4-Dinitrophenal         1         210         U           121-42         2,4-Dinitrophenal         1         210         U           91-57.6         2,6-Dinitrophenal         1         210         U           95-7.8         2.Chlorophenal         1         210         U           95-7.8         2.Chlorophenal         1         210         U           98-7.4         2.Mitrophilame         1         210         U           98-7.4         2.Nitroniline         1         210         U           94-8.7         2.Mitrophenal         1         210 <td>Batch:</td> <td></td> <td></td> <td></td> <td></td> <td>R9L1103</td> <td></td> <td>HP5973W</td>	Batch:					R9L1103		HP5973W
108-60-1         2.2'-Oxybis(1-Chloroptopane)         1         210         U           95-95-4         2.4,5-Trichlorophenol         1         210         U           88-06-2         2.4,5-Trichlorophenol         1         210         U           120-83-2         2.4-Dichlorophenol         1         210         U           105-67-9         2.4-Dichlorophenol         1         210         U           121-14-2         2.4-Dichlorophenol         1         210         U           06-60-2         2.4-Dichlorophenol         1         210         U           106-70-2         2.4-Dichlorophenol         1         210         U           91-57-6         2.Chloronaphthalene         1         210         U           91-57-6         2.Methylaphthalene         1         210         U           92-0-7         3.Vitromiline	r						NC (ng/kg)	
95-954         24,45-Trichlerophenol         1         210         U           88-06-2         24,65-Trichlerophenol         1         210         U           120-83-2         24-Dichlorophenol         1         210         U           105-67-9         24-Dinitrophenol         1         210         U           1121-14-2         24-Dinitrotolance         1         210         U           666-20-2         2.6-Dinitrotolance         1         210         U           95-78         2-Chlorophenol         1         210         U           95-75         2-Methylmaphthalene         1         210         U           94-87         2-Methylmaphthalene         1         210         U           94-87-5         2-Methylmaphthalene         1         210         U           94-87-7         2-Methylmaphthalene         1         210         U           94-9-92         2-Methylmaphthalene         1         210         U           94-9-92         3-Nitoomiline         1         400         U           94-92-3         3-Nitoomiline         1         210         U           94-92-4         3-Sitoomiline         1         210								1
88-06-2         2,4,6-Trichlorophenol         1         210         U           120-83-2         2,4-Dindtrophenol         1         210         U           151-28-5         2,4-Dindtrophenol         1         210         U           121-14-2         2,4-Dindtrophenol         1         400         U           121-14-2         2,4-Dindtrophenol         1         210         U           666-20-2         2,6-Dindtrophenol         1         210         U           95-57.8         2-Chlorophenol         1         210         U           95-57.8         2-Chlorophenol         1         210         U           95-57.8         2-Methylphenol         1         210         U           95-48.7         2-Methylphenol         1         210         U           95-47.4         2-Mitrophenol         1         210         U           88-75.5         2-Mitrophenol         1         210         U           91-94-1         3,3'Dichlorobenzidine         1         210         U           92-95-7         4-Chlorophenzidine         1         210         U           93-95-7         4-Chlorophenzidhenyl tehr         1         210								
120-83-2         2.4-Dickhorphenol         1         210         U           105-67-9         2.4-Dinitrophenol         1         210         U           51-28-5         2.4-Dinitrophenol         1         400         U           121-14-2         2.4-Dinitrophenol         1         210         U           606-20-2         2.6-Dinitrotoluene         1         210         U           91-58-7         2.Chloronsphthalene         1         210         U           91-57-6         2.Methylaphthalene         1         210         U           91-57-6         2.Methylaphthalene         1         210         U           88-74-4         2.Mitrophenol         1         210         U           88-75-5         2.Nitrophenol         1         210         U           91-94-1         3.3-Dichlorobenxidine         1         210         U           93-452-1         4.6-Dinitro 2-nethylphenol         1         210         U           101-55-3         4-Bromophenyl phenyl ether         1         210         U           105-47-8         4-Chloro-amethylphenol         1         210         U           106-47-5         4-Chloro-amethylphenol								
105-67-9         2,4-Dimethylphenol         1         210         U           512.8-5         2,4-Dimetophenol         1         400         U           121.1-4-2         2,4-Dimitroblence         1         210         U           91.58.7         2,6-Dimitroblence         1         210         U           91.57.8         2,Chloronaphthalene         1         210         U           95.57.8         2,Chloronaphthalene         1         210         U           95.48.7         2,Methylpaphthalene         1         210         U           95.48.7         2,Methylpaphthalene         1         210         U           95.48.7         2,Methylphenol         1         210         U           88.75.5         2.Nitrophenol         1         210         U           91.94.1         3,3'Dichlorobenzidina         1         210         U           93.45.2.1         4,6-Dinitro-2-methylphenol         1         400         U           101.55.3         4-Bromophenyl pheryl ether         1         210         U           106-47.8         4-Chloroaniline         1         210         U           106-27.3         4-Chlorophenyl pheryl ether					- (),			
\$1-28-5         2,4-Dinitrophenol         1         400         U           121-14-2         2,4-Dinitrotoluene         1         210         U           606-20-2         2,6-Dinitrotoluene         1         210         U           91-58-7         2-Chloroaphtalece         1         210         U           95-57-8         2-Chloroaphtalece         1         210         U           95-57-8         2-Chloroaphtalece         1         210         U           95-57-8         2-Chloroaphtalece         1         210         U           95-84-7         2-Methylphenol         1         210         U           88-74-4         2-Nitroaniline         1         210         U           88-75-5         2-Nitroaniline         1         210         U           90-92         3-Nitroaniline         1         400         U           105-53         4-Bromophenyl phenol         1         210         U           105-54-7         4-Chloroaniline         1         210         U           105-54-7         4-Chloroaniline         1         210         U           106-47-8         4-Chlorophenyl phenyl ether         1         210	ican entre i tra entre i tra esta esta esta esta esta esta esta est							
121-14-2         2,4-Dinitrotoluene         1         210         U           606-20-2         2,C-Dinitrotoluene         1         210         U           91-58-7         2,Chloronaphtalene         1         210         U           95-57-8         2.Chlorophenol         1         210         U           95-57-8         2.Methylphenol         1         210         U           95-76         2.Methylphenol         1         210         U           98-77-8         2.Methylphenol         1         210         U           98-77-8         2.Methylphenol         1         210         U           98-74-4         2.Nitrophenol         1         210         U           88-75-5         2.Nitrophenol         1         210         U           91-94-1         3,3-Dichlorobenzidine         1         210         U           91-95-2         3.Nitroaniline         1         210         U           91-95-2         3.Nitroaniline         1         210         U           910-52-3         4.Chloron-3-methylphenol         1         210         U           106-47-8         4.Chloron-1         210         U         100	1							
606-20-2         2,6-Dimitrotoluene         1         210         U           91-58-7         2.Chlorosphihalene         1         210         U           95-57.8         2.Chlorosphihalene         1         210         U           91-57.6         2.Methylphenol         1         210         U           95-57.8         2.Methylphenol         1         210         U           95-57.8         2.Methylphenol         1         210         U           95-48-7         2.Methylphenol         1         210         U           88-75-5         2.Nitroaniline         1         400         U           91-94-1         3.3'Dichlorobenzidine         1         210         U           99-09-2         3.Nitroaniline         1         400         U           101-55-3         4.Foronphenyl phenyl ether         1         210         U           106-54-7.8         4.Chloro-3-methylphenol         1         210         U           106-64-7.8         4.Chloro-3-methylphenol         1         210         U           106-64-7.8         4.Chlorophenol         1         210         U           106-64-7         4.Methylphenol         1					*			
91-58-7         2-Chloronaphthalene         1         210         U           95-57-8         2-Chloronaphthalene         1         210         U           91-57-6         2-Methylaphthalene         1         210         U           95-84-7         2-Methylaphthalene         1         210         U           88-75-5         2-Nitroaniline         1         400         U           91-94-1         3.3i-Dichlorobenzidine         1         210         U           99-95-2         3.Nitroaniline         1         400         U           101-55-3         4-Bromophenyl phenyl ether         1         210         U           105-67-6         4-Chloroaniline         1         210         U           106-67-8         4-Chlorophenyl phenyl ether         1         210         U           106-72-3         4-Chlorophenyl phenyl ether         1         210         U           100-01-6         4-Nitroaniline								
95:57-8         2-Chlorophenol         1         210         U           91:57-6         2-Methylphenol         1         210         U           95:48-7         2-Methylphenol         1         210         U           98:74-4         2-Nitroamiline         1         400         U           88:74-5         2-Nitroamiline         1         210         U           99:90-2         3.Nitroamiline         1         400         U           99:00-2         3.Nitroamiline         1         400         U           99:00-2         3.Nitroamiline         1         400         U           99:00-2         3.Nitroamiline         1         210         U           99:00-2         3.Nitroamiline         1         210         U           101:55:7         4-Chloro-3-methylphenol         1         210         U           106:47:8         4-Chlorophenyl phenyl ether         1         210         U           106:47:8         4-Chlorophenyl phenyl ether         1         210         U           106:44:5         4-Methylphenol         1         210         U           10:0-02:7         4-Nitroamiline         1         210						-		
91:57-6         2-Methylnaphthalene         1         210         U           95:48-7         2-Methylphenol         1         210         U           88:74-4         2-Nitroanline         1         400         U           88:75-4         2-Nitroanline         1         210         U           88:75-5         2-Nitrophenol         1         210         U           99:90:2         3-Nitroamiline         1         400         U           99:09:2         3-Nitroamiline         1         400         U           99:09:2         3-Nitroamiline         1         400         U           99:09:7         4-Chloro-amethylphenol         1         210         U           101:55:3         4-Bromophenyl phenyl ether         1         210         U           105:57         4-Chloroaniline         1         210         U           106:44:5         4-Methylphenol         1         210         U           100:01:64:45         4-Methylphenol         1         210         U           10:00:27         4-Nitroaniline         1         210         U           10:00:27         4-Chlorophenyl phenyl ether         1         210	1							
95-48-7         2-Methylphenol         1         210         U           88-74-4         2-Nitroaniline         1         400         U           88-75-5         2-Nitrophenol         1         210         U           91-94-1         3,3'-Dichlorobenzidine         1         210         U           99-09-2         3-Nitronaniline         1         400         U           534-52-1         4,6-Dinitro-2-methylphenol         1         400         U           101-55-3         4-Bromophenyl phenyl ether         1         210         U           105-57         4-Chloro-3-methylphenol         1         210         U           106-47-8         4-Chloro-3-methylphenol         1         210         U           106-47-8         4-Chloro-3-methylphenol         1         210         U           106-44-5         4-Methylphenol         1         210         U           100-02-7         4-Nitrophenol         1         400         U           100-02-7         4-Nitrophenol         1         210         U           100-02-7         4-Nitrophenol         1         210         U           100-02-7         A-Nitrophenoe         1		AND STREET STOLEN		1				
88-74-4         2-Nitroaniline         1         400         U           88-75-5         2-Nitrophenol         1         210         U           91-94-1         3,3'-Dichlorobenzidine         1         210         U           99-09-2         3-Nitroaniline         1         400         U           99-09-2         3-Nitroaniline         1         400         U           534-52-1         4,6-Dinitro-2-methylphenol         1         400         U           101-55-3         4-Bromophenyl phenyl ether         1         210         U           106-47-8         4-Chloroaniline         1         210         U           7005-72-3         4-Chlorophenyl phenyl ether         1         210         U           106-47-8         4-Chlorophenyl phenyl ether         1         210         U           106-47-4         4-Methylphenol         1         210         U           106-47-5         4-Methylphenol         1         210         U           106-47-5         4-Methylphenol         1         210         U           100-01-6         4-Nitroaniline         1         210         U           100-02-7         4-Nitrophenol         1								
88-75-5         2-Nitrophenol         1         210         U           91-94-1         3,3'-Dichlorobenzidine         1         210         U           99-09-2         3-Nitroaniline         1         400         U           534-52-1         4,6-Dinitro-2-methylphenol         1         400         U           101-55-3         4-Bromophenyl phenyl ether         1         210         U           105-50-7         4-Chloro-3-methylphenol         1         210         U           106-47-8         4-Chloro-3-methylphenol         1         210         U           106-47-8         4-Chloro-a-methylphenol         1         210         U           106-47-8         4-Chloro-a-methylphenol         1         210         U           106-47-8         4-Chloroaniline         1         210         U           106-44-5         4-Methylphenol         1         210         U           106-44-5         4-Methylphenol         1         210         U           106-44-5         4-Methylphenol         1         210         U           100-02-7         4-Nitrophenol         1         210         U           100-02-7         A-cenaphthylene								
91-94-1         3,3'-Dichlorobenzidine         1         210         U           99-09-2         3-Nitroaniline         1         400         U           534-52-1         4,6-Dinitro-2-methylphenol         1         400         U           101-55-3         4-Bromophenyl phenyl ether         1         210         U           99-50-7         4-Chloro-3-methylphenol         1         210         U           106-47-8         4-Chloro-aniline         1         210         U           106-47-8         4-Chlorophenyl phenyl ether         1         210         U           106-47-8         4-Chlorophenyl phenyl ether         1         210         U           106-47-8         4-Chlorophenyl phenyl ether         1         210         U           106-47-5         4-Chlorophenyl phenyl ether         1         210         U           106-44-5         4-Methylphenol         1         210         U           100-01-6         4-Nitroaniline         1         400         U           100-02-7         4-Nitroaniline         1         210         U           208-96-8         Acenaphthylene         1         210         U           100-02-7         A								
99-09-2         3-Nitroaniline         1         400         U           534-52-1         4,6-Dinitro-2-methylphenol         1         400         U           101-55-3         4-Bromophenyl phenyl ether         1         210         U           59-50-7         4-Chloro-3-methylphenol         1         210         U           106-47-8         4-Chlorophenyl phenyl ether         1         210         U           106-47-5         4-Chlorophenyl ether         1         210         U           100-01-6         4-Nitroaniline         1         400         U           100-02-7         4-Nitroaniline         1         400         U           208-68         Accenaphthylene         1         210         U           208-96-8         Accenaphthylene         1         210         U           120-12-7				1				
534-52-1         4,6-Dinitro-2-methylphenol         1         400         U           101-55-3         4-Bromophenyl phenyl ether         1         210         U           59-50-7         4-Chloro-3-methylphenol         1         210         U           106-47-8         4-Chloroaniline         1         210         U           7005-72-3         4-Chlorophenyl phenyl ether         1         210         U           106-44-5         4-Methylphenol         1         210         U           100-01-6         4-Nitrophenol         1         210         U           100-02-7         4-Nitrophenol         1         400         U           100-02-7         4-Nitrophenol         1         400         U           100-02-7         4-Nitrophenol         1         400         U           100-02-7         4-Nitrophenol         1         210         U           208-96-8         Acenaphthylene         1         210         U           98-86-2         Acetophenone         1         210         U           120-12-7         Anthracene         1         210         U           1912-24-9         Atrazine         1         210								
101-55-3         4-Bromophenyl phenyl ether         1         210         U           59-50-7         4-Chloro-3-methylphenol         1         210         U           106-47-8         4-Chloro-3-methylphenol         1         210         U           7005-72-3         4-Chlorophenyl phenyl ether         1         210         U           106-44-5         4-Methylphenol         1         210         U           100-01-6         4-Nitroaniline         1         400         U           100-02-7         4-Nitroaniline         1         210         U           100-02-7         4-Nitroaniline         1         210         U           98-86-8         Accenaphthylene         1         210         U           120-12-7         Anthracene         1         210         U           1912-24-9         Atrazine         1         210         U           100-52-7         Benzo(a)anthracene         1         210<			.1					
59-50-7         4-Chloro-3-methylphenol         1         210         U           106-47-8         4-Chloroaniline         1         210         U           7005-72-3         4-Chlorophenyl phenyl ether         1         210         U           106-47-8         4-Chlorophenyl phenyl ether         1         210         U           106-44-5         4-Methylphenol         1         210         U           100-01-6         4-Nitroaniline         1         400         U           100-02-7         4-Nitrophenol         1         400         U           100-02-7         4-Nitrophenol         1         210         U           208-96-8         Acenaphthylene         1         210         U           208-96-8         Acenaphthylene         1         210         U           208-96-8         Acetophenone         1         210         U           120-12-7         Anthracene         1         210         U           1912-24-9         Atrazine         1         210         U           100-52-7         Benzo(a)anthracene         1         11         J           50-32-8         Benzo(b)fluoranthene         1         210				1				
106-47-8         4-Chloroaniline         1         210         U           7005-72-3         4-Chlorophenyl phenyl ether         1         210         U           106-44-5         4-Methylphenol         1         210         U           100-01-6         4-Nitroaniline         1         400         U           100-02-7         4-Nitrophenol         1         400         U           83-32-9         Acenaphthene         1         210         U           208-96-8         Acenaphthylene         1         210         U           208-96-8         Acenaphthylene         1         210         U           98-86-2         Acetophenone         1         210         U           120-12-7         Anthracene         1         210         U           120-12-7         Anthracene         1         210         U           1912-24-9         Atrazine         1         210         U           100-52-7         Benza(a)anthracene         1         11         J           156-55-3         Benzo(a)pyrene         1         210         U           205-99-2         Benzo(b)fluoranthene         1         210         U								
7005-72-3         4-Chlorophenyl phenyl ether         1         210         U           106-44-5         4-Methylphenol         1         210         U           100-01-6         4-Nitroaniline         1         400         U           100-02-7         4-Nitrophenol         1         400         U           83-32-9         Acenaphthene         1         210         U           208-96-8         Acenaphthylene         1         210         U           98-86-2         Acetophenone         1         210         U           120-12-7         Anthracene         1         210         U           1912-24-9         Atrazine         1         210         U           100-52-7         Benzaldehyde         1         210         U           100-52-7         Benzaldehyde         1         210         U           100-52-7         Benzaldehyde         1         11         J           56-55-3         Benzo(a)pyrene         1         210         U           205-99-2         Benzo(b)fluoranthene         1         210         U           191-24-2         Benzo(k)fluoranthene         1         210         U								
106-44-5         4-Methylphenol         1         210         U           100-01-6         4-Nitroaniline         1         400         U           100-02-7         4-Nitrophenol         1         400         U           100-02-7         4-Nitrophenol         1         400         U           83-32-9         Acenaphthene         1         210         U           208-96-8         Acenaphthylene         1         210         U           98-86-2         Acetophenone         1         210         U           120-12-7         Anthracene         1         210         U           1912-24-9         Atrazine         1         210         U           100-52-7         Benzaldehyde         1         210         U           100-52-7         Benzaldehyde         1         210         U           265-55-3         Benzo(a)anthracene         1         11         J           50-32-8         Benzo(a)pyrene         1         210         U           205-99-2         Benzo(b)fluoranthene         1         210         U           207-08-9         Benzo(k)fluoranthene         1         210         U				1			and the second sec	
100-01-6         4-Nitroaniline         1         400         U           100-02-7         4-Nitrophenol         1         400         U           83-32-9         Acenaphthene         1         210         U           208-96-8         Acenaphthylene         1         210         U           98-86-2         Acetophenone         1         210         U           120-12-7         Anthracene         1         210         U           1912-24-9         Atrazine         1         210         U           100-52-7         Benzaldehyde         1         210         U           100-52-7         Benzaldehyde         1         210         U           56-55-3         Benzo(a)anthracene         1         11         J           50-32-8         Benzo(a)pyrene         1         210         U           205-99-2         Benzo(b)fluoranthene         1         210         U           191-24-2         Benzo(k)fluoranthene         1         210         U           205-99-2         Benzo(k)fluoranthene         1         210         U           92-52-4         Biphenyl         1         210         U	AX4	a second s		1				
100-02-7         4-Nitrophenol         1         400         U           83-32-9         Acenaphthene         1         210         U           208-96-8         Acenaphthylene         1         210         U           98-86-2         Acetophenone         1         210         U           120-12-7         Anthracene         1         210         U           1912-24-9         Atrazine         1         210         U           100-52-7         Benzaldehyde         1         210         U           100-52-7         Benzaldehyde         1         210         U           56-55-3         Benzo(a)anthracene         1         11         J           50-32-8         Benzo(a)pyrene         1         210         U           205-99-2         Benzo(k)fluoranthene         1         210         U           191-24-2         Benzo(k)fluoranthene         1         210         U           207-08-9         Benzo(k)fluoranthene         1         210         U           92-52-4         Biphenyl         1         210         U           111-91-1         Bis(2-chloroethoxy)methane         1         210         U						-		
83-32-9         Acenaphthene         1         210         U           208-96-8         Acenaphthylene         1         210         U           98-86-2         Acetophenone         1         210         U           120-12-7         Anthracene         1         210         U           1912-24-9         Atrazine         1         210         U           100-52-7         Benzaldehyde         1         210         U           100-52-7         Benzaldehyde         1         210         U           56-55-3         Benzo(a)anthracene         1         11         J           50-32-8         Benzo(a)pyrene         1         210         U           205-99-2         Benzo(b)fluoranthene         1         210         U           191-24-2         Benzo(k)fluoranthene         1         210         U           207-08-9         Benzo(k)fluoranthene         1         210         U           92-52-4         Biphenyl         1         210         U           111-91-1         Bis(2-chloroethoxy)methane         1         210         U           111-44-4         Bis(2-chloroethyl)ether         1         210         U								
208-96-8         Acenaphthylene         1         210         U           98-86-2         Acetophenone         1         210         U           120-12-7         Anthracene         1         210         U           1912-24-9         Atrazine         1         210         U           100-52-7         Benzaldehyde         1         210         U           100-52-7         Benzaldehyde         1         210         U           56-55-3         Benzo(a)anthracene         1         11         J           50-32-8         Benzo(a)pyrene         1         210         U           205-99-2         Benzo(b)fluoranthene         1         210         U           191-24-2         Benzo(ghi)perylene         1         210         U           207-08-9         Benzo(k)fluoranthene         1         210         U           92-52-4         Biphenyl         1         210         U           111-91-1         Bis(2-chloroethoxy)methane         1         210         U           111-44-4         Bis(2-chloroethyl)ether         1         210         U								
98-86-2         Acetophenone         1         210         U           120-12-7         Anthracene         1         210         U           1912-24-9         Atrazine         1         210         U           100-52-7         Benzaldehyde         1         210         U           100-52-7         Benzaldehyde         1         210         U           56-55-3         Benzo(a)anthracene         1         11         J           50-32-8         Benzo(a)pyrene         1         210         U           205-99-2         Benzo(b)fluoranthene         1         210         U           191-24-2         Benzo(k)fluoranthene         1         210         U           207-08-9         Benzo(k)fluoranthene         1         210         U           207-08-9         Benzo(k)fluoranthene         1         210         U           92-52-4         Biphenyl         1         210         U           111-91-1         Bis(2-chloroethoxy)methane         1         210         U           111-44-4         Bis(2-chloroethyl)ether         1         210         U								
120-12-7         Anthracene         1         210         U           1912-24-9         Atrazine         1         210         U           100-52-7         Benzaldehyde         1         210         U           100-52-7         Benzaldehyde         1         210         U           56-55-3         Benzo(a)anthracene         1         11         J           50-32-8         Benzo(a)pyrene         1         210         U           205-99-2         Benzo(b)fluoranthene         1         210         U           191-24-2         Benzo(ghi)perylene         1         210         U           205-99-2         Benzo(k)fluoranthene         1         210         U           191-24-2         Benzo(k)fluoranthene         1         210         U           207-08-9         Benzo(k)fluoranthene         1         210         U           92-52-4         Biphenyl         1         210         U           111-91-1         Bis(2-chloroethoxy)methane         1         210         U           111-44-4         Bis(2-chloroethyl)ether         1         210         U								
1912-24-9         Atrazine         1         210         U           100-52-7         Benzaldehyde         1         210         U           56-55-3         Benzo(a)anthracene         1         11         J           50-32-8         Benzo(a)pyrene         1         210         U           205-99-2         Benzo(b)fluoranthene         1         210         U           191-24-2         Benzo(ghi)perylene         1         210         U           191-24-2         Benzo(ghi)perylene         1         210         U           207-08-9         Benzo(k)fluoranthene         1         210         U           92-52-4         Biphenyl         1         210         U           111-91-1         Bis(2-chloroethoxy)methane         1         210         U           111-44-4         Bis(2-chloroethyl)ether         1         210         U			an and and to					
100-52-7         Benzaldehyde         1         210         U           56-55-3         Benzo(a)anthracene         1         11         J           50-32-8         Benzo(a)pyrene         1         210         U           205-99-2         Benzo(b)fluoranthene         1         210         U           191-24-2         Benzo(ghi)perylene         1         210         U           207-08-9         Benzo(k)fluoranthene         1         210         U           92-52-4         Biphenyl         1         210         U           111-91-1         Bis(2-chloroethoxy)methane         1         210         U           111-44-4         Bis(2-chloroethyl)ether         1         210         U			·····					
56-55-3         Benzo(a)anthracene         1         11         J           50-32-8         Benzo(a)pyrene         1         210         U           205-99-2         Benzo(b)fluoranthene         1         210         U           191-24-2         Benzo(ghi)perylene         1         210         U           207-08-9         Benzo(k)fluoranthene         1         210         U           92-52-4         Biphenyl         1         210         U           111-91-1         Bis(2-chloroethoxy)methane         1         210         U           111-44-4         Bis(2-chloroethyl)ether         1         210         U								
50-32-8         Benzo(a)pyrene         1         210         U           205-99-2         Benzo(b)fluoranthene         1         210         U           191-24-2         Benzo(ghi)perylene         1         210         U           207-08-9         Benzo(k)fluoranthene         1         210         U           92-52-4         Biphenyl         1         210         U           111-91-1         Bis(2-chloroethoxy)methane         1         210         U           111-44-4         Bis(2-chloroethyl)ether         1         210         U								
205-99-2         Benzo(b)fluoranthene         1         210         U           191-24-2         Benzo(ghi)perylene         1         210         U           207-08-9         Benzo(k)fluoranthene         1         210         U           92-52-4         Biphenyl         1         210         U           111-91-1         Bis(2-chloroethoxy)methane         1         210         U           111-44-4         Bis(2-chloroethyl)ether         1         210         U								
191-24-2         Benzo(ghi)perylene         1         210         U           207-08-9         Benzo(k)fluoranthene         1         210         U           92-52-4         Biphenyl         1         210         U           111-91-1         Bis(2-chloroethoxy)methane         1         210         U           111-44-4         Bis(2-chloroethyl)ether         1         210         U								
207-08-9         Benzo(k)fluoranthene         1         210         U           92-52-4         Biphenyl         1         210         U           111-91-1         Bis(2-chloroethoxy)methane         1         210         U           111-44-4         Bis(2-chloroethyl)ether         1         210         U								
92-52-4         Biphenyl         1         210         U           111-91-1         Bis(2-chloroethoxy)methane         1         210         U           111-44-4         Bis(2-chloroethyl)ether         1         210         U		2231.0				-		
111-91-1         Bis(2-chloroetboxy)methane         1         210         U           111-44-4         Bis(2-chloroethyl)ether         1         210         U								
111-44-4         Bis(2-chloroethyl)ether         1         210         U			DÊ					
			10					
	117-81-7	Bis(2-ethylhexyl) phthalat			1		210	U

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aboratory:	TestAmerica Buffa	alo			SDG:	RSL0991		
Client:	New York State D	E.C Buffalo, J	NY		Project:	NYSDEC - RE	GION 9 REMEDIAT	ION/SPILLS
Aatrix:	Solid	Labor	atory ID:	RTA008	<u>2-02</u>	File ID:	<u>W9776.D</u>	
sampled:	12/31/09 15:30	Prepa	red:	01/04/10	19:00	Analyzed:	01/05/10 17:07	
olids:		-				Initial/Final:		
	<u>81.13</u>	-	ration:	3550B N			<u>30.14 g / 1 mL</u>	Theorem
Batch:	<u>10A0046</u>	Sequence:	<u>T000020</u>		Calibration:	<u>R9L1103</u>	Instrument:	<u>HP5973W</u>
CAS NO.	COMPOUND				DILUTION	COL	NC. (ug/kg)	Q
85-68-7	Butyl benzyl phtha	alate			1		210	U
105-60-2	Caprolactam				1		210	<u> </u>
86-74-8	Carbazole	Carbazole		1		210	U	
218-01-9	Chrysene				1		210	U
53-70-3	Dibenzo(a,h)anthr	acene			1		210	U
132-64-9	Dibenzofuran				1		210	U
84-66-2	Diethyl phthalate	110-1110-			11		210	U
131-11-3	Dimethyl phthalat	e			1		210	U
84-74-2	Di-n-butyl phthala	ute			1		210	U
117-84-0	Di-n-octyl phthala	te			1		210	U
206-44-0	Fluoranthene				1		11	J
86-73-7	Fluorene				I		210	U
118-74-1	Hexachlorobenzer	ne			1		210	U
87-68-3	Hexachlorobutadi	ene			1		210	U
77-47-4	Hexachlorocyclop	entadiene			1		210	U
67-72-1	Hexachloroethane				1		210	U
193-39-5	Indeno(1,2,3-cd)p	vrene			1		210	U
78-59-1	Isophorone				1		210	U
91-20-3	Naphthalene				1		210	U
98-95-3	Nitrobenzene				1		210	U
621-64-7	N-Nitrosodi-n-pro	nylamine			1		210	U
86-30-6	N-Nitrosodipheny				1		210	U
87-86-5	Pentachloropheno				1		400	U
85-01-8	Phenanthrene				1		210	U
108-95-2	Phenol				1	-	210	U
129-00-0	Pyrene				1		9.0	J
	NITORING COMPOI	UND	ADDEI	) (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
2.4.6-Tribromo	phenol			30	6140	100	39 - 146	-
2-Fluorobiphen				90	3260	80	37 - 120	
2-Fluorophenol				30	3850	63	18 - 120	
Nitrobenzene-d				90	2750	67	34 - 132	
Phenol-d5			61	30	4120	67	11 - 120	
p-Terphenyl-dl	4		40	90	3230	79	58 - 147	
INTERNAL ST	TANDARD		AI	REA	RT	REF AREA	REF RT	Q
1,4-Dichlorobe	nzene-d4		247	7930	6.18	212196	6.18	
Acenaphthene-	d10		597	7264	10.09	504865	10.09	
Chrysene-d12			127	1118	14.25	1063674	14.25	
Naphthalene-da	8		108	9135	7.84	943760	7.84	
Perylene-d12			125	9991	15.54	951660	15.54	
Phenanthrene-d	110		950	0281	11.79	806187	11.79	

Laboratory:	TestAmerica Buffalo	TestAmerica Buffalo		OG:	RSL0991		
Client:	New York State D.E.C Buffalo	<u>, NY</u>	Pro	oject:	NYSDEC - REG	ION 9 REMEDIA	TION/SPILLS CO
Matrix:	Solid Lab	oratory ID:	<u>RTA0166-(</u>	<u>01</u>	File ID:	<u>W9838.D</u>	
Sampled:	01/05/10 15:30 Prer	pared:	01/06/10 20	0:00	Analyzed:	01/07/10 13:53	
Solids:	<u>82.29</u> Prep	paration:	3550B MB		Initial/Final:	<u>30.55 g/1 mL</u>	
Batch:	10A0232 Sequence:	<u>T000060</u>	Ca	libration:	<u>R9L1103</u>	Instrument:	<u>HP5973W</u>
CAS NO.	COMPOUND			DILUTION	CON	C. (ug/kg)	Q
108-60-1	2,2'-Oxybis(1-Chloropropane)			1		200	U
95-95-4	2,4,5-Trichlorophenol			1		200	U
88-06-2	2,4,6-Trichlorophenol			1		200	U
120-83-2	2,4-Dichlorophenol			1		200	U
105-67-9	2,4-Dimethylphenol			1		200	U
51-28-5	2,4-Dinitrophenol			1		390	U
121-14-2	2,4-Dinitrotoluene			1		200	U
606-20-2	2,6-Dinitrotoluene			1	-	200	U
91-58-7	2-Chloronaphthalene			1	-	200	U U
95-57-8	2-Chlorophenol			1		200	U U
91-57-6	2-Methylnaphthalene			1		200	U U
95-48-7	2-Methylphenol			1		200	U U
88-74-4	2-Nitroaniline			1		390	U U
88-75-5	2-Nitrophenol			1	-	200	
91-94-1	3,3'-Dichlorobenzidine			1		200	U
99-09-2	3-Nitroaniline			1			U T
534-52-1				1		390	U
101-55-3	4,6-Dinitro-2-methylphenol 4-Bromophenyl phenyl ether			1		390	U
59-50-7				1		200	U
1	4-Chloro-3-methylphenol			1		200	U
106-47-8 7005-72-3	4-Chloroaniline			1		200	U
	4-Chlorophenyl phenyl ether			1		200	U
106-44-5	4-Methylphenol			1		200	U
100-01-0	4-Nitroaniline			1		390	U
83-32-9	4-Nitrophenol			1		390	U
	Acenaphthene	4. + 1.		1		200	U
208-96-8	Acenaphthylene			1		200	U
98-86-2 120-12-7	Acetophenone			1		200	U
	Anthracene			1		200	U
1912-24-9	Atrazine			1		200	<u>U</u>
100-52-7	Benzaldehyde			1		200	<u> </u>
56-55-3	Benzo(a)anthracene			1		200	U
50-32-8	Benzo(a)pyrene			1		200	U
205-99-2	Benzo(b)fluoranthene			1		200	U
191-24-2	Benzo(ghi)perylene			1		200	<u> </u>
207-08-9	Benzo(k)fluoranthene			1		200	U
92-52-4	Biphenyl			1		200	U
111-91-1	Bis(2-chloroethoxy)methane			1		200	U
111-44-4	Bis(2-chloroethyl)ether			1		200	U
117-81-7	Bis(2-ethylhexyl) phthalate			1		200	U

#### 8270C

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C.	Buffalo, NY		Project:	NYSDEC - REGI	ON 9 REMEDIAT	<u>ION/SPILLS C</u>
Matrix:	<u>Solid</u>	Laboratory I	D: <u>RTA016</u>	66-01	File ID:	<u>W9838.D</u>	
Sampled:	01/05/10 15:30	Prepared:	01/06/10	20:00	Analyzed:	01/07/10 13:53	
Solids:	82.29	Preparation:	3550B N	/B	Initial/Final:	30.55 g/1 mL	
Batch:	<u>10A0232</u> Seque	-	00060	Calibration:	R9L1103	Instrument:	<u>HP5</u> 973W
CAS NO.	COMPOUND	<u>10</u>	00000	DILUTION	CONC. (ug/kg)		
85-68-7							Q
105-60-2	Butyl benzyl phthalate	Caprolactam		1	the second se	200	U
86-74-8	Carbazole			1		200	U
218-01-9	Chrysene	Second States		1			U
53-70-3	Dibenzo(a,h)anthracene			1		200	U
132-64-9	Dibenzofuran		10.000	1		.00 .00	U
84-66-2				1			U
131-11-3	Diethyl phthalate Dimethyl phthalate			1		200	U
84-74-2	Dimetnyl phthalate					200	U
117-84-0	Di-n-outyl phthalate			1		200	U
206-44-0	Fluoranthene			1		200	U
86-73-7	Fluorantnene			1		200	U
				1		200	U
118-74-1	Hexachlorobenzene			1		200	U
87-68-3	Hexachlorobutadiene			1		200	<u> </u>
77-47-4	Hexachlorocyclopentadi	ene		1		200	U
67-72-1	Hexachloroethane			1		200	UU
193-39-5	Indeno(1,2,3-cd)pyrene			1	er land ter the second	200	U
78-59-1	Isophorone			11		200	U
91-20-3	Naphthalene			1		200	U
98-95-3	Nitrobenzene			1		200	U
621-64-7	N-Nitrosodi-n-propylam			11		200	U
86-30-6	N-Nitrosodiphenylamine			1	2	200	U
87-86-5	Pentachlorophenol			1	3	190	U
85-01-8	Phenanthrene			1	2	200	U
108-95-2	Phenol			1		200	U
129-00-0				1		200	U
SYSTEM MON	ITORING COMPOUND	A	DDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
2,4,6-Tribromor	henol		5970	6370	107	39 - 146	
2-Fluorobipheny	ıl		3980	3610	91	37 - 120	
2-Fluorophenol			5970	4420	74	18 - 120	
Nitrobenzene-d			3980	3200	80	34 - 132	
Phenol-d5			5970	4800	80	11 - 120	
p-Terphenyl-d14			3980	3450	87	58 - 147	
INTERNAL ST			AREA	RT	REF AREA	REF RT	Q
1,4-Dichloroben			193941	6.15	222888	6.15	
Acenaphthene-d	10		465657	10.07	538151	10.07	
Chrysene-d12			1007528	14.22	1253311	14.22	
Naphthalene-d8			852556	7.82	980592	7.82	
Perylene-d12			970655	15.49	1124213	15.5	
Phenanthrene-dl orm Rev: 11/23/0	and the second se		765613	11.76 0/3567	875221	11.76	J

BM-CONFIRM-C9-F

Laboratory:	<u>TestAmerica Buffalo</u>		SDG:	RTA0227	
Client:	New York State D.E.	<u>New York State D.E.C Buffalo, NY</u> Project: <u>N</u>		NYSDEC - REGION 9 F	REMEDIATION/SPILLS
Matrix:	Solid	Laboratory ID:	<u>RTA0227-01</u>	File ID: <u>W98</u>	52.D
Sampled:	01/06/10 14:30	Prepared:	01/08/10 07:00	Analyzed: 01/0	8/10 13:27
Solids:	83.07	Preparation:	3550B MB		<u>6 g / 1 mL</u>
Batch:	<u>10A0305</u> Se	quence; <u>T000</u>	073 Calibration:		ument: <u>HP5973</u> W
CAS NO.	COMPOUND		DILUTION	CONC. (ug/k	(g) Q
108-60-1	2,2'-Oxybis(1-Chloro	ntonane)	1	200	U
95-95-4	2,4,5-Trichloropheno		1	200	U U
88-06-2	2,4,6-Trichloropheno		1	200	U U
120-83-2	2,4-Dichlorophenol		1	200	U U
105-67-9	2,4-Dimethylphenol	CONTRACT OF STREET	1	200	U
51-28-5	2,4-Dinitrophenol		1	390	U
121-14-2	2,4-Dinitrotoluene	1	1	200	U
606-20-2	2,6-Dinitrotoluene		1	200	U
91-58-7	2-Chloronaphthalene		1	200	U
95-57-8	2-Chlorophenol			200	
93-37-8	2-Methylnaphthalene			200	U
91-37-6	2-Methylphenol		1		J
			1	200	U
88-74-4	2-Nitroaniline		1	390	U
88-75-5	2-Nitrophenol		1	200	U
91-94-1	3,3'-Dichlorobenzidir	10	1	200	U
99-09-2	3-Nitroaniline		1	390	U
534-52-1	4,6-Dinitro-2-methyl		1	390	U
101-55-3	4-Bromophenyl phen		1	200	U
59-50-7	4-Chloro-3-methylph	enol	l	200	U
106-47-8	4-Chloroaniline	······	1	200	U
7005-72-3	4-Chlorophenyl phen	yl ether	1	200	U
106-44-5	4-Methylphenol		1	200	U
100-01-6	4-Nitroaniline		1 1	390	U
100-02-7	4-Nitrophenol		1	390	U
83-32-9	Acenaphthene		1	200	U
208-96-8	Acenaphthylene		1	200	U
98-86-2	Acetophenone		1	200	U
120-12-7	Anthracene		1	200	U
1912-24-9	Atrazine		1	200	U
100-52-7	Benzaldehyde		1	200	U
56-55-3	Benzo(a)anthracene		1	200	U
50-32-8	Benzo(a)pyrene		1	200	U
205-99-2	Benzo(b)fluoranthene	3	1	200	U
191-24-2	Benzo(ghi)perylene		1	200	U
207-08-9	Benzo(k)fluoranthene	•	1	200	υ
92-52-4	Biphenyl		1	200	υ
111-91-1	Bis(2-chloroethoxy)n	nethane	1	200	U
111-44-4	Bis(2-chloroethyl)eth		1	200	U
117-81-7	Bis(2-ethylhexyl) pht		1	200	U

#### 8270C

Laboratory:	TestAmerica Buffal	<u>lo</u>		S	DG:	RTA0227		
Client:	New York State D.I	E.C Buffalo, N	Y	P	roject:	NYSDEC - REGI	ON 9 REMEDIAT	ION/SPILLS (
Matrix:	<u>Solid</u>	Laborat	ory ID: <u>R</u>	T <b>A02</b> 27	<u>-01</u>	File ID:	<u>W9852.D</u>	
Sampled:	01/06/10 14:30	Ртераге	d: <u>01</u>	/08/10	07:00	Analyzed:	01/08/10 13:27	
Solids:	83.07	Prepara	tion: <u>35</u>	550B M	B	Initial/Final:	<u>30.36 g/1 mL</u>	
Batch:	<u>10A0305</u>	Sequence:	T000073	C	Calibration:	<u>R9L1103</u>	Instrument:	HP5973W
CAS NO.	COMPOUND				DILUTION		. (ug/kg)	Q
85-68-7	Butyl benzyl phthal	ate			1		00	U
105-60-2	Caprolactam				1		00	U
86-74-8	Carbazole				1		.00	U
218-01-9	Chrysene		- <del>C 1</del>		1		.00	U
53-70-3		Dibenzo(a,h)anthracene					.00	U U
132-64-9		Dibenzofuran					.00	U
84-66-2		Diethyl phthalate						
131-11-3		Directlyl phthalate					00	U
84-74-2							00	U
	Di-n-butyl phthalate				1		.00	U
117-84-0	Di-n-octyl phthalate	5			1		U	
206-44-0	Fluoranthene				1	2	U	
86-73-7	Fluorene				1	2	U	
118-74-1	Hexachlorobenzene				1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	.00	U
87-68-3	Hexachlorobutadien				1		00	U
77-47-4	Hexachlorocyclope	ntadiene			1		.00	Ŭ
67-72-1	Hexachloroethane				1	2	.00	U
193-39-5	Indeno(1,2,3-cd)py	rene			1	2	:00	U
78-59-1	Isophorone				1	2	.00	U
91-20-3	Naphthalene				1		55	1
98-95-3	Nitrobenzene				1	2	.00	U
621-64-7	N-Nitrosodi-n-prop	ylamine			1	2	.00	U
86-30-6	N-Nitrosodiphenyla	umine			1	2	.00	U
87-86-5	Pentachlorophenol				1	3	90	U
85-01-8	Phenanthrene				1	200		U
108-95-2	Phenol				1	200		U
129-00-0	Pyrene				1	2	.00	U
SYSTEM MON	ITORING COMPOU	ND	ADDED (ug	g/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
2,4,6-Tribromo	phenol		5950		6320	106	39 - 146	
2-Fluorobiphen	yl		3960		3540	89	37 - 120	
2-Fluorophenol			5950		4330	73	18 - 120	
Nitrobenzene-d	5		3960		3060	77	34 - 132	
Phenol-d5			5950		4580	77	11 - 120	
p-Terphenyl-d1			3960		3390	85	58 - 147	
INTERNAL ST	ANDARD		AREA		RT	REF AREA	REF RT	Q
1,4-Dichlorober					6.14	242775	6.13	
Acenaphthene-				3	10.06	565894	10.06	
Chrysene-d12				7	14.21	1278296	14.22	
Naphthalene-d8			886723		7.81	1045574	7.81	
Perylene-d12	rylene-d12 983392				15.48	1184229	15.49	
Phenanthrene-d	10		786572	2	11.75	924842	11.75	

Form Rev: 11/23/09

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BM-CONFIRM-C10-F

## Form 1 ORGANIC ANALYSIS DATA SHEET

Laboratory:	TestAmerica Buffalo		SDG:	RTA	0227	
Client:	New York State D.E.C.	- Buffalo, NY	Project:	NYSD	EC - REGION 9 REME	DIATION/SPILLS CO
Matrix:	Solid	Laboratory ID:	RTA0227-02	File II	D: <u>W9853.D</u>	
Sampled:	01/07/10 14:30	Prepared:	01/08/10 07:00	Analy	zed: 01/08/10 1	3:51
Solids:	82.92	Preparation:	3550B MB	Initial	/Final: <u>30.43 g / 1</u>	mL
Batch:	<u>10A0305</u> Sequ		Calibration	n: <u>R9L1</u>		
CAS NO.	COMPOUND	<u>1000075</u>		TION		
					CONC. (ug/kg)	Q
108-60-1 95-95-4	2,2'-Oxybis(1-Chloropro	ppane)		1	200	<u> </u>
88-06-2	2,4,5-Trichlorophenol 2,4,6-Trichlorophenol			1 1	200	U U
120-83-2	2,4-Dichlorophenol			1	200	
105-67-9	2,4-Dimethylphenol			1	200	<u> </u>
51-28-5	2,4-Dinitrophenol				390	
121-14-2	2,4-Dinitrotoluene			1		<u> </u>
606-20-2	2,4-Dinitrotoluene		- 110 - UV 201	1	200 200	<u> </u>
91-58-7	2-Chloronaphthalene				200	<u> </u>
91-58-7		50000 - A-		1		U
	2-Chlorophenol			1	200	U
91-57-6	2-Methylnaphthalene			1	200	<u>U</u>
95-48-7	2-Methylphenol			1	200	U
88-74-4	2-Nitroaniline			1	390	<u> </u>
88-75-5	2-Nitrophenol			1	200	U
91-94-1	3,3'-Dichlorobenzidine	110 F 17 - 1		1	200	U
99-09-2	3-Nitroaniline			1	390	U
534-52-1	4,6-Dinitro-2-methylphe			1	390	U
101-55-3	4-Bromophenyl phenyl o			1	200	U
59-50-7	4-Chloro-3-methylpheno	ol		1	200	U
106-47-8	4-Chloroaniline			1	200	U
7005-72-3	4-Chlorophenyl phenyl e	ether		1	200	U
106-44-5	4-Methylphenol			1	200	U
100-01-6	4-Nitroaniline			1	390	U
100-02-7	4-Nitrophenol			1	390	U
83-32-9	Acenaphthene			1	200	U
208-96-8	Acenaphthylene			1	200	U
98-86-2	Acetophenone			1	200	U
120-12-7	Anthracene			1	200	U
1912-24-9	Atrazine			1	200	U
100-52-7	Benzaldehyde			1	200	U
56-55-3	Benzo(a)anthracene			1	200	U
50-32-8	Benzo(a)pyrene			1	200	U
205-99-2	Benzo(b)fluoranthene			1	200	U
191-24-2	Benzo(ghi)perylene		12.00	1	200	U
207-08-9	Benzo(k)fluoranthene			1	200	U
92-52-4	Biphenyl			1	200	U
111-91-1	Bis(2-chloroethoxy)met	hane		1	200	<u> </u>
111-44-4	Bis(2-chloroethyl)ether			1	200	<u> </u>
117-81-7	Bis(2-ethylhexyl) phthal	ate		1	200	UJ

#### 8270C

Laboratory:	TestAmerica Buffalo	0		SDG:	RTA0227		
Client:	New York State D.E	.C Buffalo, N	Y	Project:	NYSDEC - REGI	<u>ON 9 REMEDIAT</u>	TON/SPILLS CO
Matrix:	Solid	Labora	tory ID: RTA0	227-02	File ID:	<u>W9853.D</u>	
Sampled:	01/07/10 14:30	Prepare	ed; 01/08/	10 07:00	Analyzed:	01/08/10 13:51	
Solids:	82.92	Prepara			Initial/Final:	30.43 g/1 mL	
		-	1 States				105072317
Batch:		equence:	<u>T000073</u>	Calibration:	<u>R9L1103</u>	Instrument:	<u>HP5973W</u>
CAS NO.	COMPOUND			DILUTION		. (ug/kg)	Q
85-68-7	Butyl benzyl phthala	te		1		.00	U
105-60-2	Caprolactam			11		.00	U
86-74-8	Carbazole			1	1 1	.00	U
218-01-9	Chrysene			1	• • •	.00	U
53-70-3	Dibenzo(a,h)anthrac	ene		1		.00	U
132-64-9	Dibenzofuran					200	U
84-66-2		Diethyl phthalate				.00	U
131-11-3	Dimethyl phthalate			1		.00	U
84-74-2	Di-n-butyl phthalate			1		200	U
117-84-0	Di-n-octyl phthalate			1	2	U	
206-44-0	Fluoranthene			1	2	200	U
86-73-7	Fluorene			1	2	200	U
118-74-1	Hexachlorobenzene			1	2	200	U
87-68-3	Hexachlorobutadien	0		1	2	200	U
77-47-4	Hexachlorocyclopen	tadiene		1	2	200	U
67-72-1	Hexachloroethane			1	2	200	U
193-39-5	Indeno(1,2,3-cd)pyro	ene		1	2	200	U
78-59-1	Isophorone			11	2	200	U
91-20-3	Naphthalene			1	2	200	U
98-95-3	Nitrobenzene			1	2	200	U
621-64-7	N-Nitrosodi-n-propy	lamine		1	2	200	U
86-30-6	N-Nitrosodiphenyla	nine		1	2	200	U
87-86-5	Pentachlorophenol			1	3	90	U
85-01-8	Phenanthrene			1	2	200	U
108-95-2	Phenol			1	2	200	U
129-00-0	Pyrene			1	2	200	U
	NITORING COMPOUN	ID	ADDED (ug/kg	) CONC (ug/kg)	% REC	QC LIMITS	Q
2,4,6-Tribromo	nhenol		5940	6320	106	39 - 146	
2-Fluorobiphen			3960	3570	90	37 - 120	
2-Fluorophenol	-		5940	4330	73	18 - 120	
Nitrobenzene-d			3960	3110	79	34 - 132	
Phenol-d5			5940	4510	76	11 - 120	
p-Terphenyl-d1	4		3960	3360	85	58 - 147	
INTERNAL ST	TANDARD		AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobe	nzene-d4		210288	6.14	242775	6.13	
Acenaphthene-			10.06	565894	10.06		
Chrysene-d12	1066850			14.21	1278296	14.22	
Naphthalene-da	18 917313			7.81	1045574	7.81	
Perylene-d12	1013661			15.48	1184229	15.49	
Phenanthrene-d	110		830155	11.75	924842	11.75	
Form Rev: 11/23	/09			60/1734			

Laboratory:	TestAmerica Buffalo		SDG:	RTA0227		
Client:	New York State D.E.C Bu	uffalo, NY	Project:	NYSDEC - R	EGION 9 REMEDIA	TION/SPILLS
Matrix:	Solid	Laboratory ID:	RTA0317-01	File ID:	<u>W9894.D</u>	
Sampled:	01/08/10 15:30	Prepared:	01/09/10 09:32	Analyzed:	01/10/10 17:25	
Solids:	83.30	Preparation:	3550B MB	Initial/Final:	<u>30.32 g/1 mL</u>	
Batch:	10A0410 Sequence	e: <u>T000094</u>	Calibration	<u>R9L1103</u>	Instrument:	HP5973W
CAS NO.	COMPOUND		DILU	TION C	ONC. (ug/kg)	Q
108-60-1	2,2'-Oxybis(1-Chloropropar	ne)	1		200	U
95-95-4	2,4,5-Trichlorophenol	6 - 1 - C - C - I	1		200	U
88-06-2	2,4,6-Trichlorophenol		1		200	U
120-83-2	2,4-Dichlorophenol		1		200	υ
105-67-9	2,4-Dimethylphenol		1		200	U
51-28-5	2,4-Dinitrophenol		1		390	U U
121-14-2	2,4-Dinitrotoluene		1		200	<u>ບ</u>
606-20-2	2,4-Dinitrotoluene		1		200	<u>ບ</u>
91-58-7		957				
	2-Chloronaphthalene		1		200	U
95-57-8	2-Chlorophenol		1		200	U
91-57-6	2-Methylnaphthalene		1		200	<u> </u>
95-48-7	2-Methylphenol		1		200	U
88-74-4	2-Nitroaniline		1		390	<u>U</u>
88-75-5	2-Nitrophenol		1		200	υ
91-94-1	3,3'-Dichlorobenzidine		1		200	U
99-09-2	3-Nitroaniline		1		390	U
534-52-1	4,6-Dinitro-2-methylphenol		1		390	U
101-55-3	4-Bromophenyl phenyl ethe	r	1		200	U
59-50-7	4-Chloro-3-methylphenol		1		200	U
106-47-8	4-Chloroaniline		1		200	U
7005-72-3	4-Chlorophenyl phenyl ethe	r	1		200	U
106-44-5	4-Methylphenol		1		200	U
100-01-6	4-Nitroaniline		1		390	U
100-02-7	4-Nitrophenol		1		390	U
83-32-9	Acenaphthene		1		200	U
208-96-8	Acenaphthylene		1		200	U
98-86-2	Acetophenone		1	1914-115-1	200	U
120-12-7	Anthracene		1		200	υ
1912-24-9	Atrazine		1		200	U
100-52-7	Benzaldehyde		1		200	U
56-55-3	Benzo(a)anthracene		1		200	U
50-32-8	Benzo(a)pyrene		1		200	U
205-99-2	Benzo(b)fluoranthene		1		200	U
191-24-2	Benzo(ghi)perylene		1		200	U U
207-08-9	Benzo(k)fluoranthene	• · · · · · · · · · · · · · · · · · · ·				
92-52-4	Biphenyl		1		200	U
	Bis(2-chloroethoxy)methan		1		200	<u> </u>
111-91-1		¢	1		200	U
111-44-4 117-81-7	Bis(2-chloroethyl)ether Bis(2-ethylhexyl) phthalate		1		200	U

Laboratory:	TestAmerica Buffalo			SDG:	RTA0227		
Client:	New York State D.E.C.	<u>- Buffalo, NY</u>		Project:	NYSDEC - REGI	<u>ON 9 REMEDIAT</u>	<u>ION/SPILLS (</u>
Matrix:	Solid	Laboratory ID	: <u>RTA031</u>	<u>7-01</u>	File ID:	<u>W9894.D</u>	
Sampled:	01/08/10 15:30	Prepared:	01/09/10	09:32	Analyzed:	01/10/10 17:25	
Solids:	83.30	Preparation:	3550B N	/B	Initial/Final:	30.32 g / 1 mL	
Batch:		-		Calibration:	R9L1103	Instrument:	HP5973W
CAS NO.	COMPOUND	<u>1000</u>	<u>1074</u>		T		1
				DILUTION		C. (ug/kg)	Q
85-68-7	Butyl benzyl phthalate			1		200	U
105-60-2	Caprolactam			1		200	Ŭ
86-74-8	Carbazole			1		200	U
218-01-9	Chrysene			1		200	U
53-70-3	Dibenzo(a,h)anthracene			1	10 10 10 10 10 10 10 10 10 10 10 10 10 1	200	U
132-64-9		Dibenzofuran				200	U
84-66-2		Diethyl phthalate				200	U
131-11-3	Dimethyl phthalate			1		200	U
84-74-2	Di-n-butyl phthalate			1		200	U
117-84-0	Di-n-octyl phthalate			11		200	U
206-44-0	Fluoranthene			1		200	U
86-73-7	Fluorene			1		200	UU
118-74-1	Hexachlorobenzene			1		200	U
87-68-3	Hexachlorobutadiene			11		200	U
77-47-4	Hexachlorocyclopentad	liene		11		200	U
67-72-1	Hexachloroethane			1		200	U
193-39-5	Indeno(1,2,3-cd)pyrene			11		200	U
78-59-1	Isophorone			1		200	U
91-20-3	Naphthalene			1		200	U
98-95-3	Nitrobenzene			1		200	U
621-64-7	N-Nitrosodi-n-propylar	mine		1		200	U
86-30-6	N-Nitrosodiphenylamin	ne		1		200	U
87-86-5	Pentachlorophenol			1		U	
85-01-8	Phenanthrene	-		1		200	U
108-95-2	Phenol	the state of the s		1		200	U
129-00-0	Pyrene			1		200	U
SYSTEM MON	NITORING COMPOUND	AI	DDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
2,4,6-Tribromo	phenol		5940	5530	93	39 - 146	
2-Fluorobiphen	yl		3960	2990	76	37 - 120	
2-Fluorophenol			5940	3430	58	18 - 120	
Nitrobenzene-d	5		3960	2590	65	34 - 132	
Phenol-d5			5940	3700	62	11 - 120	
p-Terphenyl-d1			3960	3280	83	58 - 147	
INTERNAL ST	TANDARD		AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobe			188506	6.12	205165	6.13	
Acenaphthene-	d10438612		438612	10.05	470918	10.04	
Chrysene-d12	935179			14.2	1094939	14.2	
Naphthalene-da					7.8		
Perylene-d12			907708	15.47 1005576 15.47			
Phenanthrene-d orm Rev: 11/23/	the second se		716389	11.74	762515	11.74	

**BM-CONFIRM-W1** 

Laboratory:	TestAmerica Buf	falo			SDG:	RSL0991		
Client:	New York State I	D.E.C Buffalo	<u>, NY</u>		Project:	NYSDEC - REC	GION 9 REMEDIA	FION/SPILLS CO
Matrix:	Solid	Lab	oratory ID:	RSL099	3-01	File ID:	X9969.D	
Sampled:	12/23/09 13:30	Pren	ared:	12/29/0	9 16:00	Analyzed:	12/30/09 15:40	
Solids:	64.91		paration:	3550B I		Initial/Final:	<u>30.03 g / 10 mI</u>	2
Batch:	<u>9L28014</u>	Sequence:	RL93008		Calibration:	<u>R9L2306</u>	Instrument:	HP5973X
CAS NO.	COMPOUND				DILUTION	CON	iC. (ug/kg)	Q
108-60-1	2,2'-Oxybis(1-Ch	loropropane)		(	40		100000	UD
95-95-4	2,4,5-Trichloroph				40		100000	UD
88-06-2	2,4,6-Trichloroph				40		100000	UD
120-83-2	2,4-Dichlorophen				40		100000	UD
105-67-9	2,4-Dimethylpher				40		100000	UD
51-28-5	2,4-Dinitropheno				40		200000	105
121-14-2	2.4-Dinitrotoluen				40		100000	UD
606-20-2	2,6-Dinitrotoluen		-		40		100000	UD
91-58-7	2-Chloronaphthal				40		100000	UD
95-57-8	2-Chlorophenol				40		100000	UD
91-57-6	2-Methylnaphtha	1eme			40	ter a state of a	18000	JD
95-48-7	2-Methylphenol	lene			40		100000	
88-74-4	2-Nitroaniline				40		200000	UD
88-75-5			white a constant of the					
91-94-1	2-Nitrophenol				40		100000	UD
	3,3'-Dichloroben:	zidine		_			100000	UD
99-09-2	3-Nitroaniline				40		200000	UD
534-52-1	4,6-Dinitro-2-me				40		200000	UD
101-55-3	4-Bromophenyl p				40		100000	UD
59-50-7	4-Chloro-3-methy	ylphenol			40		100000	UD
106-47-8	4-Chloroaniline				40		100000	UD
7005-72-3	4-Chlorophenyl p	henyl ether			40		100000	UD
106-44-5	4-Methylphenol				40		100000	UD
100-01-6	4-Nitroaniline				40		200000	UD
100-02-7	4-Nitrophenol				40		200000	UD
83-32-9	Acenaphthene				40		54000	
208-96-8	Acenaphthylene				40		16000	JD
98-86-2	Acetophenone				40		100000	UD
120-12-7	Anthracene				40		110000	D
1912-24-9	Atrazine				40		100000	UD
100-52-7	Benzaldehyde				40		100000	UD
56-55-3	Benzo(a)anthrace	me			40		180000	D
50-32-8	Benzo(a)pyrene				40		140000	D
205-99-2	Benzo(b)fluorant	hene			40		160000	D
191-24-2	Benzo(ghi)peryle	ne			40		78000	JD
207-08-9	Benzo(k)fluorant	hene			40		82000	Л
92-52-4	Biphenyl				40		100000	UD
111-91-1	Bis(2-chloroetho:	xy)methane			40		100000	UD
111-44-4	Bis(2-chloroethy)	l)ether			40		100000	UD
117-81-7	Bis(2-ethylhexyl)	phthalate			40		100000	UD

#### 8270C

Laboratory:	TestAmerica Buffalo		SD	G:	RSL0991		
Client:	New York State D.E.C B	uffalo, NY	Pro	ject:	<u>NYSDEC - REG</u>	ION 9 REMEDIAT	ION/SPILLS C
Matrix:	Solid	Laboratory ID: R	SL0993-0	L	File ID:	X9969.D	
Sampled:	12/23/09 13:30	Prepared: 12	2/29/09 16	:00	Analyzed:	12/30/09 15:40	
Solids:	64.91		550B MB		Initial/Final:	30.03 g / 10 mL	
Batch:		_		'1			
	<u>9L28014</u> Sequence	e: <u>RL93008</u>		ibration:	<u>R9L2306</u>	Instrument:	<u>HP5973X</u>
CAS NO.	COMPOUND			DILUTION		C. (ug/kg)	Q
85-68-7	Butyl benzyl phthalate			40		00000	UD
105-60-2	Caprolactam			40		00000	UD
86-74-8	Carbazole			40		9000	Л
218-01-9	Chrysene			40		50000	D
53-70-3	Dibenzo(a,h)anthracene			40		00000	UD
132-64-9	Dibenzofuran			40		0000	JD
84-66-2	Diethyl phthalate			40		00000	UD
131-11-3	Dimethyl phthalate	and the second		40	1	00000	UD
84-74-2	Di-n-butyl phthalate			40	1	00000	UD
117-84-0	Di-n-octyl phthalate			40	1	00000	UD
206-44-0	Fluoranthene			40	4	20000	D
86-73-7	Fluorene			40	7	7000	JD
118-74-1	Hexachlorobenzene	111 101		40	1	00000	UD
87-68-3	Hexachlorobutadiene			40	1	00000	UD
77-47-4	Hexachlorocyclopentadien	8		40	1	00000	UD
67-72-1	Hexachloroethane			40	1	00000	UD
193-39-5	Indeno(1,2,3-cd)pyrene			40	7	0000	Л
78-59-1	Isophorone			40	1	00000	UD
91-20-3	Naphthalene			40	2	7000	лD
98-95-3	Nitrobenzene			40	1	00000	UD
621-64-7	N-Nitrosodi-n-propylamine	,		40	1	00000	UD
86-30-6	N-Nitrosodiphenylamine			40	1	00000	UD
87-86-5	Pentachlorophenol			40	2	00000	UD
85-01-8	Phenanthrene			40	4	20000	D
108-95-2	Phenol			40	1	00000	UD
129-00-0	Рутепе			40	3	20000	D
SYSTEM MON	NITORING COMPOUND	ADDED (u	ig/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
2,4,6-Tribromo	phenol	7700		ND	11.6.28.24.25.	39 - 146	D
2-Fluorobiphen	yl	5130		0.00		37 - 120	D
2-Fluorophenol		7700		0.00		18 - 120	D
Nitrobenzene-d	5	5130		0.00		34 - 132	D
Phenol-d5		7700		0.00	_	11 - 120	D
p-Terphenyl-d1		5130		4100	80	58 - 147	D
INTERNAL ST	TANDARD	AREA		RT	REF AREA	REF RT	Q
1,4-Dichlorobe	nzene-d4	142592	2	6.18	137391	6.18	
Acenaphthene-	d10	268074	4	9.75	239725	9.75	
Chrysene-d12		60854	9	13.74	528002	13.74	
Naphthalene-di	3	505724	4	7.69	456468	7.69	
Perylene-d12							
Phenanthrene-d	10	448743	3	11.34	419846	11.34	

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Laboratory:	TestAmerica Buffalo		SDG:	RSL0991		
Client:	New York State D.E.C.	- Buffalo, NY	Project:	NYSDEC - RE	GION 9 REMEDIA	TION/SPILLS C
Matrix:	Solid	Laboratory ID:	RSL0993-02	File ID:	X9970.D	
Sampled:	12/23/09 14:00	Prepared:	12/29/09 16:00	Analyzed:	12/30/09 16:02	1 <u>1</u>
Solids:	67.64	Preparation:	3550B MB	Initial/Final:	<u>30.37 g / 10 m</u> l	L
Batch:	<u>9L28014</u> Sequ	ence: <u>RL930</u>	008 Calibration:	<u>R9L2306</u>	Instrument:	<u>HP5973X</u>
CAS NO.	COMPOUND		DILUTIO	N CO	NC. (ug/kg)	Q
108-60-1	2,2'-Oxybis(1-Chloropr	opane)	20		50000	UD
95-95-4	2,4,5-Trichlorophenol	• /	20		50000	UD
88-06-2	2,4,6-Trichlorophenol		20		50000	UD
120-83-2	2,4-Dichlorophenol		20		50000	UD
105-67-9	2,4-Dimethylphenol		20		50000	UD
51-28-5	2,4-Dinitrophenol		20		96000	UDX
121-14-2	2,4-Dinitrotoluene		20		50000	UD
606-20-2	2,6-Dinitrotoluene		20		50000	UD
91-58-7	2-Chloronaphthalene		20		50000	UD
95-57-8	2-Chlorophenol		20		50000	UD
91-57-6	2-Methylnaphthalene		20		50000	UD
95-48-7	2-Methylphenol		20		50000	UD
88-74-4	2-Nitroaniline		20		96000	UD
88-75-5	2-Nitrophenol		20		50000	UD
91-94-1	3,3'-Dichlorobenzidine		20		50000	UD UD
99-09-2	3-Nitroaniline		20		96000	
534-52-1	4,6-Dinitro-2-methylph		20		96000	
101-55-3	4-Bromophenyl phenyl		20		50000	
59-50-7					1.1.1.1	
	4-Chloro-3-methylphen	01	20		50000	UD
106-47-8	4-Chloroaniline	.1	20		50000	UD
7005-72-3	4-Chlorophenyl phenyl	ether	20		50000	UD
106-44-5	4-Methylphenol		20		50000	UD
	4-Nitroaniline		20		96000	UD
100-02-7	4-Nitrophenol		20		96000	UD
83-32-9	Acenaphthene		20		50000	UD
208-96-8	Acenaphthylene		20		50000	UD
98-86-2	Acetophenone		20		50000	UD
120-12-7	Anthracene		20		3200	JD
1912-24-9	Atrazine		20		50000	UD
100-52-7	Benzaldehyde		20		50000	UD
56-55-3	Benzo(a)anthracene	and firms	20		10000	
50-32-8	Benzo(a)pyrene		20		8400	JD.
205-99-2	Benzo(b)fluoranthene		20		9800	JD
191-24-2	Benzo(ghi)perylene		20		5000	"D
207-08-9	Benzo(k)fluoranthene	colline to a	20		4800	JD
92-52-4	Biphenyl		20		50000	UD
111-91-1	Bis(2-chloroethoxy)me		20		50000	UD
111-44-4	Bis(2-chloroethyl)ether		20		50000	UD
117-81-7	Bis(2-ethylhexyl) phtha	late	20		50000	UD

#### 8270C

TestAmerica Buffalo		:	SDG:	RSL0991		
New York State D.E.C H	Buffalo, NY	J	Project:	NYSDEC - REGI	ON 9 REMEDIAT	ION/SPILLS CO
Solid	Laboratory ID:	<u>RSL0993</u>	-02	File ID:	<u>X9970.D</u>	
12/23/09 14:00	Prepared:	12/29/09	16:00	Analyzed:	12/30/09 16:02	
		3550B M	TB.		30.37 g / 10 mL	
						<u>HP5973X</u>
r				1		1
						Q
						UD UD
			1.0 m 1 m 1 m 2 m			UD
						JD UD
	•••••			-		UD
			· · · · · · · · · · · · · · · · · · ·			UD
						UD
						UD
						<u></u>
						UD
						UD
						UD
	18					UD
						UD
Indeno(1,2,3-cd)pyrene			20	50	0000	UD
Isophorone			20	50	0000	UD
Naphthalene			20	50	0000	UD
Nitrobenzene			20	5	0000	UD
N-Nitrosodi-n-propylamin	ė		20	5	0000	UD
N-Nitrosodiphenylamine			20	5	0000	UD
Pentachlorophenol			20	96000		UD
Phenanthrene			20	1	7000	JD
Phenol			20	5	0000	UD
Ругепе			20	1	8000	JD
	ADDE	D (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
ienol	7	300	ND		39 - 146	D
			3800	78		D
	7	300	0.00		18 - 120	D
	4	870	0.00		34 - 132	D
	7	300	4190	57	11 - 120	D
	4	870	3700	76	58 - 147	D
NDARD	REA	RT	REF AREA	REF RT	Q	
ene-d4	4633	6.18	137391	6.18		
0	27	0269	9.75	239725	9.75	
	62	5405	13.74	528002	13.74	
	50	2698	7.69	456468		
	62	9122	15	569633	15	
0						
	New York State D.E.C J	New York State D.E.C Buffalo, NY         Solid       Laboratory ID:         12/23/09 14:00       Prepared:         67.64       Preparation:         9128014       Sequence:       RL93008         COMPOUND       Butyl benzyl phthalate       Caprolactam         Carbazole       Chrysene       Dibenzo(a,h)anthracene         Dibenzo(a,h)anthracene       Dibenzofuran       Dibenzofuran         Diethyl phthalate       Dinethyl phthalate       Dibenzofuran         Diethyl phthalate       Dine-octyl phthalate       Preparation:         Fluorene       Hexachlorobenzene       Hexachlorocyclopentadiene         Hexachlorocyclopentadiene       Hexachlorocyclopentadiene       Nitrobenzene         Nitrobenzene       Nitrosodi-n-propylamine       Nitrosodiphenylamine         Pentachlorophenol       Phenol       7         Pyrene       7       4         MADARD       ADDE       4         10       27       4         10       27       4	New York State D.E.C Buffalo, NY         RSL0993           Solid         Laboratory ID:         RSL0993           12/23/09 14:00         Prepared:         12/29/09           67.64         Preparation:         3550B M           9L28014         Sequence:         RL93008         R           COMPOUND         Butyl benzyl phthalate         Image: Carbazole         Image: Carbazole         Image: Carbazole           Carbazole         Chrysene         Image: Carbazole         Image: Carbaz	New York State D.E.C Buffalo, NY       Project:         Solid       Laboratory ID:       RSL0993-02         12/23/09 14:00       Prepared:       12/29/09 16:00         57.64       Preparation:       350B MB         9L28014       Sequence:       RL93003       Calibration:         COMPOUND       Equence:       RL93003       Calibration:         Compolation:       20       20       20         Carbazole       20       20       20         Carbazole       20       20       20         Dibenzo(a,b)anthracene       20       20       20         Dibenzofaran       20       20       20         Dibenzofaran       20       20       20         Dien-butyl phthalate       20       20       20         Di-n-otyl phthalate       20       20       20         Fluorenthene       20       20       20         Hexachlorobenzene       20       20       20         Hexachlorocethane       20       20       20         Indeno(1,2,3-ed)pyrene       20       20       20         Isophorone       20       20       20         Naphthalene       20 <t< td=""><td>New York State D.E.C. Buffalo, NY         Project:         NYSDEC - REGIL           Solid         Laboratory ID:         RSL0993-02         File D:           J223/09 14:00         Prepared:         J2/29/09 16:00         Analyzed:           GAG4         Preparation:         J350B MB         Initial/Final:           9L28014         Sequence:         RL93008         Calibration:         R9L2306           COMPOUND         DILUTION         CONC         CONC         CONC           Butyl benzyl phthalate         20         50           Carbazole         20         50           Carbazole         20         50           Chrysene         20         50           Dibenzofuran         20         50           Dinethyl phthalate         20         50           Dinethyl phthalate         20         50           Dinethyl phthalate         20         50           Din-butyl phthalate         20         50           Din-cotyl phthalate         20         50           Fluorene         20         50           Hexachlorobenzene         20         50           Horene         20         50           Hexachlorobenzene</td><td>New York State D.E.C Buffalo, NY         Project:         NYSDEC - REGION 9 REMEDIAT           Solid         Laboratory ID:         RSL0993-02         File ID:         X9270.D           12/23/09 14:00         Preparedi         12/29/09 16:00         Analyzed:         12/20/09 16:02           57.64         Preparation:         3550B MB         Initial/Final:         30.37 g / 10 mL           91.28014         Sequence:         RL93008         Calibration:         R9L2306         Instrument:           COMPOUND         DILUTION         CONC. (ug/kg)         Justrument:         20         50000           Carbacola         20         50000         Carbacola         20         50000           Chrysene         20         50000         S0000         S0000         S0000           Dibenzo(Abjantrinacene         20         50000         S0000         &lt;</td></t<>	New York State D.E.C. Buffalo, NY         Project:         NYSDEC - REGIL           Solid         Laboratory ID:         RSL0993-02         File D:           J223/09 14:00         Prepared:         J2/29/09 16:00         Analyzed:           GAG4         Preparation:         J350B MB         Initial/Final:           9L28014         Sequence:         RL93008         Calibration:         R9L2306           COMPOUND         DILUTION         CONC         CONC         CONC           Butyl benzyl phthalate         20         50           Carbazole         20         50           Carbazole         20         50           Chrysene         20         50           Dibenzofuran         20         50           Dinethyl phthalate         20         50           Dinethyl phthalate         20         50           Dinethyl phthalate         20         50           Din-butyl phthalate         20         50           Din-cotyl phthalate         20         50           Fluorene         20         50           Hexachlorobenzene         20         50           Horene         20         50           Hexachlorobenzene	New York State D.E.C Buffalo, NY         Project:         NYSDEC - REGION 9 REMEDIAT           Solid         Laboratory ID:         RSL0993-02         File ID:         X9270.D           12/23/09 14:00         Preparedi         12/29/09 16:00         Analyzed:         12/20/09 16:02           57.64         Preparation:         3550B MB         Initial/Final:         30.37 g / 10 mL           91.28014         Sequence:         RL93008         Calibration:         R9L2306         Instrument:           COMPOUND         DILUTION         CONC. (ug/kg)         Justrument:         20         50000           Carbacola         20         50000         Carbacola         20         50000           Chrysene         20         50000         S0000         S0000         S0000           Dibenzo(Abjantrinacene         20         50000         S0000         <

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Laboratory:	TestAmerica Buffal	<u>o</u>		S	SDG:	RSL0991		
Client:	New York State D.I	E.C Buffalo,	NY	I	Project:	NYSDEC - REGION 9 REMEDIATION/SPILLS		
Matrix:	Solid	Labo	ratory ID:	<u>RSL0993</u>	-03	File ID:	<u>X9971.D</u>	
Sampled:	12/23/09 15:00	Ргера	red:	12/29/09		Analyzed:	12/30/09 16:25	
Solids:	65.96	-	ration:	3550B M	B	Initial/Final:	<u>30.22 g / 1 mL</u>	
Batch:	<u>9L28014</u>	- Sequence:	RL93008		Calibration:	R9L2306	Instrument:	<u>HP5973X</u>
CAS NO.	COMPOUND				DILUTION	CON	NC. (ug/kg)	Q
108-60-1	2,2'-Oxybis(1-Chlor	opropane)			40		10000	UD
95-95-4	2,4,5-Trichlorophen	-2			40		10000	UD
88-06-2	2,4,6-Trichlorophen				40		10000	UD
120-83-2	2,4-Dichlorophenol				40		10000	
105-67-9	2,4-Dimethylphenol				40			
					the last of the second		10000	UD
51-28-5	2,4-Dinitrophenol				40	0.000	20000	UD·S
121-14-2	2,4 Dinitrotoluene			i	40		10000	UD
606-20-2	2,6-Dinitrotoluene				40		10000	UD
91-58-7	2-Chloronaphthalen	e			40		10000	UD
95-57-8	2-Chlorophenol		-		40		10000	UD
91-57-6	2-Methylnaphthalen	e			40		10000	UD
95-48-7	2-Methylphenol				40		10000	UD
88-74-4	2-Nitroaniline				40		20000	UD
88-75-5	2-Nitrophenol				40		10000	UD
91-94-1	3,3'-Dichlorobenzid	ine			40		10000	UD
99-09-2	3-Nitroaniline				40		20000	UD
534-52-1	4,6-Dinitro-2-methy	lphenol			40		20000	UD
101-55-3	4-Bromophenyl phe	nyl ether			40		10000	UD
59-50-7	4-Chloro-3-methylp	henol			40		10000	UD
106-47-8	4-Chloroaniline				40		10000	UD
7005-72-3	4-Chlorophenyl phe	nyl ether			40		10000	UD
106-44-5	4-Methylphenol			1	40		10000	UD
100-01-6	4-Nitroaniline	-			40		20000	UD
100-02-7	4-Nitrophenol				40		20000	UD
83-32-9	Acenaphthene				40		10000	
208-96-8	Acenaphthylene				40		3100	JD
98-86-2	Acetophenone				40		10000	
120-12-7	Anthracene				40		2500	JD
1912-24-9	Atrazine				40		10000	
100-52-7	Benzaldehyde				40			UD
56-55-3							10000	
50-32-8	Benzo(a)anthracene			1	40		13000	D
-	Benzo(a)pyrene				40		13000	D
205-99-2	Benzo(b)fluoranther		114.		40		16000	D
191-24-2	Benzo(ghi)perylene				40		8400	D
207-08-9	Benzo(k)fluoranther	ne	-		40		8800	
92-52-4	Biphenyl				40		10000	UD
111-91-1	Bis(2-chloroethoxy)				40		10000	UD
111-44-4	Bis(2-chloroethyl)et				40		10000	UD
117-81-7	Bis(2-ethylhexyl) pl	nthalate			40		10000	UD

aboratory:	TestAmerica Buffa			SDG:	RSL0991		
Client:	New York State D	.E.C Buffalo,	NY	Project:	NYSDEC - REGI	ON 9 REMEDIAT	ION/SPILLS
Matrix:	<u>Solid</u>	Labor	atory ID: <u>RSL</u>	<u>)993-03</u>	File ID:	<u>X9971.D</u>	
Sampled:	12/23/09 15:00	Ргера	red: <u>12/2</u>	0/09 16:00	Analyzed:	12/30/09 16:25	
Solids:	65.96	Prepa	ration; <u>3550</u>	<u>B MB</u>	Initial/Final:	<u>30.22 g / 1 mL</u>	
Batch:	<u>9L28014</u>	Sequence:	RL93008	Calibration:	R9L2306	Instrument:	HP5973X
CAS NO.	COMPOUND			DILUTION	CON	C. (ug/kg)	Q
85-68-7	Butyl benzyl phtha	late		40		0000	UD
105-60-2	Caprolactam			40		0000	UD
86-74-8	Carbazole			40		2600	JD
218-01-9	Chrysene	· · · · · · · · · · · · · · · · · · ·		40		7000	D
53-70-3	Dibenzo(a,h)anthra	acene		40		0000	UD
132-64-9	Dibenzofuran		and a second second second	40		0000	UD
84-66-2	Diethyl phthalate			40		0000	UD
131-11-3	Dimethyl phthalate	8		40		0000	UD
84-74-2	Di-n-butyl phthala			40		0000	UD
117-84-0	Di-n-octyl phthala			40		0000	UD
206-44-0	Fluoranthene			40		5000	D
86-73-7	Fluorene			40		1800	D
118-74-1	Hexachlorobenzen			40		0000	
87-68-3	-	exachlorobutadiene		40		0000	UD
77-47-4	Hexachlorocyclop			40		0000	UD
67-72-1	Hexachloroethane			40		0000	UD
193-39-5	Indeno(1,2,3-cd)py			40		8100	
78-59-1	Isophorone	yrene		40		0000	
91-20-3	Naphthalene			40		0000	
91-20-3							
	Nitrobenzene			40		0000	
621-64-7	N-Nitrosodi-n-pro			40		0000	
86-30-6	N-Nitrosodipheny			40		0000	UD
87-86-5	Pentachlorophenol			40		0000	UD
85-01-8 108-95-2	Phenanthrene			40		2000	D
	Phenol		No. 19 - 7. 19			4000	UD
129-00-0	I Pyrene		ADDED (ug/k	40 g) CONC (ug/kg)		QC LIMITS	D Q
2,4,6-Tribromo			7520	ND		39 - 146	D
2-Fluorobiphen	2		5020	3410	68	37 - 120	D
2-Fluorophenol			7520	2810	37	18 - 120	D
Nitrobenzene-d			5020	1790	36	34 - 132	D
Phenol-d5			7520	3470	46	11 - 120	D
p-Terphenyl-d1	4		5020	3050	61	58 - 147	D
INTERNAL ST	TANDARD		AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobe	nzene-d4		142661	6.18	137391	6.18	
Acenaphthene-	-d10 244690			9.75	239725	9.75	
Chrysene-d12	549127			13.74	528002	13.74	
Naphthalene-di	d8 498947			7.69	456468	7.69	
Perylene-d12	12 598436			15	569633	15	
Phenanthrene-d	110		382645	11.34	419846	11.34	

Laboratory:	TestAmerica Buffalo		SDG:	RSL0991		
Client:	New York State D.E.C Bu	ffalo, NY	Project:	NYSDEC - RE	GION 9 REMEDIA	TION/SPILLS CO
Matrix:	Solid	Laboratory ID:	<u>RSL1137-01</u>	File ID:	<u>W9771.D</u>	
Sampled:	<u>12/29/09 13:30</u>	Prepared:	01/04/10 19:00	Analyzed:	01/05/10 15:05	
Solids:	76.07	Preparation:	3550B MB	Initial/Final:	<u>30.27 g/1 mL</u>	
Batch:	10A0046 Sequence	: <u>T000020</u>	Calibration:	<u>R9L1103</u>	Instrument:	HP5973W
CAS NO.	COMPOUND		DILUTION	1 CO	NC. (ug/kg)	Q
108-60-1	2,2'-Oxybis(1-Chloropropan	e)	50		11000	UD
95-95-4	2,4,5-Trichlorophenol	2	50		11000	UD
88-06-2	2,4,6-Trichlorophenol		50		11000	UD
120-83-2	2,4-Dichlorophenol		50		11000	UD
105-67-9	2,4-Dimethylphenol	10-00 - 00 - 00-000 - 00-000 - 00-000 - 00-000 - 00-000 - 00-000 - 00-000 - 00-000 - 00-000 - 00-000 - 00-000	50		11000	UD
51-28-5	2,4-Dinitrophenol		50		21000	UD
121-14-2	2,4-Dinitrotoluene		50		11000	UD
606-20-2	2,6-Dinitrotoluene		50		11000	UD
91-58-7	2-Chloronaphthalene		50		11000	UD
95-57-8	2-Chlorophenol		50		11000	UD
91-57-6	2-Methylnaphthalene	1.0.0	50		3700	JD
95-48-7	2-Methylphenol		50		11000	
88-74-4	2-Nitroaniline	** -********	******			
1 anna a			50		21000	UD
88-75-5	2-Nitrophenol		50		11000	UD
91-94-1	3,3'-Dichlorobenzidine		50		11000	UD
99-09-2	3-Nitroaniline	·	50		21000	UD
534-52-1	4,6-Dinitro-2-methylphenol		50		21000	UD
101-55-3	4-Bromophenyl phenyl ethe	[	50		11000	UD
59-50-7	4-Chloro-3-methylphenol		50		11000	UD
106-47-8	4-Chloroaniline		50		11000	UD
7005-72-3	4-Chlorophenyl phenyl ethe	[	50		11000	UD
106-44-5	4-Methylphenol		50		890	JD
100-01-6	4-Nitroaniline		50		21000	UD
100-02-7	4-Nitrophenol		50		21000	UD
83-32-9	Acenaphthene		50		9100	лD
208-96-8	Acenaphthylene		50		13000	D
98-86-2	Acetophenone		50		11000	UD
120-12-7	Anthracene		50		21000	D
1912-24-9	Atrazine		50		11000	UD
100-52-7	Benzaldehyde		50		11000	UD
56-55-3	Benzo(a)anthracene		50		96000	D
50-32-8	Benzo(a)pyrene		50		100000	D
205-99-2	Benzo(b)fluoranthene		50	and the second	110000	D
191-24-2	Benzo(ghi)perylene		50		77000	D
207-08-9	Benzo(k)fluoranthene		50		49000	D
92-52-4	Biphenyl		50		1500	Л
111-91-1	Bis(2-chloroethoxy)methane	•	50		11000	UD
111-44-4	Bis(2-chloroethyl)ether		50		11000	UD
117-81-7	Bis(2-ethylhexyl) phthalate		50		11000	UD

#### 8270C

aboratory:	TestAmerica Buffalo		:	SDG:	RSL0991		
Client:	New York State D.E.C B	uffalo, NY	1	Project:	NYSDEC - REGI	ON 9 REMEDIAT	ION/SPILLS C
Matrix:	<u>Solid</u>	Laboratory ID:	RSL1137	-01	File ID:	<u>W9771.D</u>	
Sampled:	12/29/09 13:30	Prepared:	01/04/10	19:00	Analyzed:	01/05/10 15:05	
Solids:	76.07	Preparation:	3550B M	B	Initial/Final:	30.27 g/1 mL	
Batch:	<u>10A0046</u> Sequenc			Calibration:	R9L1103	Instrument:	HP5973W
CAS NO.	COMPOUND	<u> </u>	1	DILUTION		L (ug/kg)	T
						Q UD	
85-68-7	Butyl benzyl phthalate			50	11		
105-60-2	Caprolactam			50		000	D
86-74-8	Carbazole			50		7000	
218-01-9	Chrysene			50		0000	D
53-70-3	Dibenzo(a,h)anthracene			50		5000	D
132-64-9	Dibenzofuran			50		000	D
84-66-2	Diethyl phthalate			50		1000	
131-11-3	Dimethyl phthalate	11.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1		50		1000	UD
84-74-2	Di-n-butyl phthalate Di-n-octyl phthalate			50		1000	UD
117-84-0				50	1 1 2 3 5 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1000	UD
206-44-0	Fluoranthene			50		0000	D
86-73-7	Fluorene			50	16000		D
118-74-1	Hexachlorobenzene			50	11000		UD
87-68-3	Hexachlorobutadiene			50		1000	UD
77-47-4	Hexachlorocyclopentadiene			50	1	1000	UD
67-72-1	Hexachloroethane			50	1:	1000	UD
193-39-5	Indeno(1,2,3-cd)pyrene			50	6.	3000	D
78-59-1	Isophorone			50	1	1000	UD
91-20-3	Naphthalene			50	5	300	л
98-95-3	Nitrobenzene			50	1	UD	
621-64-7	N-Nitrosodi-n-propylamine	,		50	11000		UD
86-30-6	N-Nitrosodiphenylamine			50	11000		UD
87-86-5	Pentachlorophenol			50	2	UD	
85-01-8	Phenanthrene			50	18	D	
108-95-2	Phenol			50	1	1000	UD
129-00-0	Pyrene			50	20	0000	D
	VITORING COMPOUND	ADDEI	D (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
2,4,6-Tribromo	phenol	6:	510	14200	219	39 - 146	D
2-Fluorobiphen	yl		340	4230	97	37 - 120	D
2-Fluorophenol		6	510	4340	67	18 - 120	D
Nitrobenzene-d	5	4	340	3020	70	34 - 132	D
Phenol-d5	6510			4690	72	11 - 120	D
p-Terphenyl-d1				4040	93	58 - 147	D
INTERNAL ST	······································			RT	REF AREA	REF RT	Q
1,4-Dichlorobe				6.18	212196	6.18	
Acenaphthene-	ne-d10 619154			10.09	504865	10.09	
Chrysene-d12	2 1276205			14.25	1063674	14.25	
Naphthalene-d8	thalene-d8 1119492			7.84	943760	7.84	
Perylene-d12	erylene-d12 1342611			15.55	951660	15.54	-
Phenanthrene-d	110	99	7630	11.79	806187	11.79	

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Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.	<u>C Buffalo, NY</u>		Project:	NYSDEC - REC	GION 9 REMEDIA	TION/SPILLS CO
Matrix:	Solid	Laboratory I	D: <u>RSL11</u>	137-02	File ID:	<u>W9772.D</u>	
Sampled:	12/30/09 15:30	Prepared:	01/04/	10 19:00	Analyzed:	01/05/10 15:30	
Solids:	71.28	Preparation:	3550B	MB	Initial/Final:	<u>30.26 g/3 mL</u>	
Batch:	<u>10A0046</u> Se	-	00020	Calibration:	<u>R9L1103</u>	Instrument:	<u>HP5973W</u>
CAS NO.	COMPOUND			DILUTION	COI	NC. (ug/kg)	Q
108-60-1	2,2'-Oxybis(1-Chloro	propage)		40		28000	UD
95-95-4	2,4,5-Trichloropheno		N. B. A. B. B. B.	40		28000	UD
88-06-2	2,4,6-Trichloropheno			40		28000	UD
120-83-2	2,4-Dichlorophenol			40		28000	UD
105-67-9	2,4-Dimethylphenol			40		28000	UD
51-28-5	2,4-Dinitrophenol			40		55000	UD
121-14-2	2,4-Dinitrotoluene			40		28000	UD
606-20-2	2,6-Dinitrotoluene			40		28000	UD
91-58-7				40		28000	
	2-Chloronaphthalene			_ the second sec			UD
95-57-8 91-57-6	2-Chlorophenol			40		28000	
	2-Methylnaphthalene			40		28000	UD
95-48-7	2-Methylphenol			40		28000	UD
88-74-4	2-Nitroaniline			40		55000	UD
88-75-5	2-Nitrophenol			40		28000	UD
91-94-1	3,3'-Dichlorobenzidir	ne		40		28000	UD
99-09-2	3-Nitroaniline			40	المتحققة والم	55000	UD
534-52-1	4,6-Dinitro-2-methyl	phenol		40		55000	UD
101-55-3	4-Bromophenyl phen	yl ether		40		28000	UD
59-50-7	4-Chloro-3-methylph	enol		40		28000	UD
106-47-8	4-Chloroaniline			40		28000	UD
7005-72-3	4-Chlorophenyl phen	yl ether		40		28000	UD
106-44-5	4-Methylphenol			40		28000	UD
100-01-6	4-Nitroaniline		_	40		55000	UD
100-02-7	4-Nitrophenol			40		55000	UD
83-32-9	Acenaphthene			40		1200	Л
208-96-8	Acenaphthylene			40	_	4500	ЛD
98-86-2	Acetophenone			40		28000	UD
120-12-7	Anthracene			40		3300	л
1912-24-9	Atrazine			40		28000	UD
100-52-7	Benzaldehyde			40		28000	UD
56-55-3	Benzo(a)anthracene			40		16000	JD
50-32-8	Benzo(a)pyrene			40		17000	Л
205-99-2	Benzo(b)fluoranthen	8		40		22000	л
191-24-2	Benzo(ghi)perylene			40		12000	л
207-08-9	Benzo(k)fluoranthen	e		40		9600	л
92-52-4	Biphenyl			40		28000	UD
111-91-1	Bis(2-chloroethoxy)r	nethane		40		28000	UD
111-44-4	Bis(2-chloroethyl)eth			40		28000	UD
117-81-7	Bis(2-ethylhexyl) ph			40		28000	UD

#### 8270C

aboratory:	TestAmerica Bu	ffalo		2	SDG:	RSL0991		
lient:	New York State	D.E.C Buffalo,	NY	1	Project:	NYSDEC - REG	ION 9 REMEDIAT	ION/SPILLS
fatrix:	<u>Solid</u>	Labor	ratory ID:	<u>RSL1137</u>	-02	File ID:	<u>W9772.D</u>	
ampled:	12/30/09 15:30	Prepa	red:	01/04/10	19:00	Analyzed:	01/05/10_15:30	
olids:						Initial/Final:	30.26 g / 3 mL	
	<u>71.28</u>		ration:	<u>3550B M</u>				TRAGANY
atch:	<u>10A0046</u>	Sequence:	<u>T000020</u>		Calibration:	<u>R9L1103</u>	Instrument:	<u>HP5973W</u>
CAS NO.	COMPOUND				DILUTION		C. (ug/kg)	Q
85-68-7	Butyl benzyl ph	thalate		i	40		8000	UD
105-60-2	Caprolactam		-		40		8000	UD
86-74-8	Carbazole				40	10	3200	1D
218-01-9	Chrysene				40		1000	JD
53-70-3	Dibenzo(a,h)ant	hracene			40		3200	л
132-64-9	Dibenzofuran			]	40	1	1800	Л
84-66-2	Diethyl phthalat				40		8000	UD
131-11-3	Dimethyl phthal	ate			40	2	8000	UD
84-74-2	Di-n-butyl phtha	alate			40	2	8000	UD
117-84-0	Di-n-octyl phtha	alate			40	2	8000	UD
206-44-0	Fluoranthene			1	40	4	7000	D
86-73-7	Fluorene				40		3100	JD
118-74-1	Hexachlorobenz	ene			40	2	28000	UD
87-68-3	Hexachlorobuta	diene			40		28000	UD
77-47-4	Hexachlorocycl	opentadiene			40		28000	UD
67-72-1	Hexachloroetha	ne			40		28000	UD
193-39-5	Indeno(1,2,3-cd	)pyrene			40		2000	ЛD
78-59-1	Isophorone				40		28000	UD
91-20-3	Naphthalene				40		1100	л
98-95-3	Nitrobenzene				40		28000	UD
621-64-7	N-Nitrosodi-n-p	ropylamine			40		28000	UD
86-30-6	N-Nitrosodiphe			1	40		28000	UD
87-86-5	Pentachloropher				40		55000	UD
85-01-8	Phenanthrene				40		33000	D
108-95-2	Phenol				40		28000	UD
129-00-0				-	40		37000	D
	NITORING COMP	OUND	ADDED	(ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
2,4,6-Tribromo	phenol	×	69		31800	457	39 - 146	D
2-Fluorobiphen			46		4950	107	37 - 120	D
2-Fluorophenol			69		3280	47	18 - 120	D
Nitrobenzene-d			46		2840	61	34 - 132	D
Phenol-d5			69	50	4620	66	11 - 120	D
p-Terphenyl-d1	.4		46	40	5670	122	58 - 147	D
INTERNAL ST	TANDARD		AR	EA	RT	REF AREA	REF RT	Q
1,4-Dichlorobe	nzene-d4		251	447	6.18	212196	6.18	
Acenaphthene-	d10		622	336	10.09	504865	10.09	
Chrysene-d12	1293428			14.25	1063674	14.25		
Naphthalene-d	8		1124	4168	7.84	943760	7.84	
Perylene-d12			1304	1246	15.54	951660	15.54	
Phenanthrene-o	110		1015	5160	11.79	806187	11.79	

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Laboratory:	TestAmerica Buf	falo			SDG:	RSL0991		
Client:	New York State I	D.E.C Buffalo	<u>, NY</u>		Project:	NYSDEC - RE	GION 9 REMEDIA	TION/SPILLS CO
Matrix:	Solid	Lab	oratory ID:	<u>RTA00</u>	<u>83-01</u>	File ID:	<u>W9813.D</u>	
Sampled:	12/31/09 13:30	Prep	pared:	01/05/1	0 08:00	Analyzed:	01/06/10 21:33	
Solids:	74.73	Prej	paration:	3550B	MB	Initial/Final:	<u>30.46 g / 1 mL</u>	
Batch:	10A0094	Sequence:	<u>T000042</u>		Calibration:	<u>R9L1103</u>	Instrument:	<u>HP5973W</u>
CAS NO.	COMPOUND	1.4.500			DILUTION	CO	NC. (ug/kg)	Q
108-60-1	2,2'-Oxybis(1-Ch	loropropane)		1111-111-	100		22000	UD
95-95-4	2,4,5-Trichloroph				100		22000	UD
88-06-2	2,4,6-Trichloroph				100		22000	UD
120-83-2	2,4-Dichlorophen				100		22000	UD
105-67-9	2,4-Dimethylpher	-			100		22000	UD
51-28-5	2,4-Dinitropheno				100		43000	UD
121-14-2	2,4-Dinitrotoluen				100		22000	UD
606-20-2	2,6-Dinitrotoluen				100		22000	UD
91-58-7	2-Chloronaphthal				100		22000	UD
95-57-8	2-Chlorophenol				100		22000	UD
91-57-6	2-Methylnaphtha	lene			100		4300	л
95-48-7	2-Methylphenol				100		22000	UD
88-74-4	2-Nitroaniline				100		43000	UD
88-75-5	2-Nitrophenol				100		22000	UD
91-94-1	3,3'-Dichlorobenz	zidine			100		22000	UD
99-09-2	3-Nitroaniline				100		43000	UD
534-52-1	4,6-Dinitro-2-me	thylphenol			100		43000	UD
101-55-3	4-Bromophenyl p	20022			100		22000	UD
59-50-7	4-Chloro-3-methy				100		22000	UD
106-47-8	4-Chloroaniline				100		22000	UD
7005-72-3	4-Chlorophenyl p	henyl ether			100		22000	UD
106-44-5	4-Methylphenol				100		22000	UD
100-01-6	4-Nitroaniline				100		43000	UD
100-02-7	4-Nitrophenol				100		43000	UD
83-32-9	Acenaphthene				100		6700	л
208-96-8	Acenaphthylene				100		22000	UD
98-86-2	Acetophenone				100		22000	UD
120-12-7	Anthracene				100		19000	ற
1912-24-9	Atrazine				100		22000	UD
100-52-7	Benzaldehyde				100		22000	UD
56-55-3	Benzo(a)anthrace	ene			100		42000	D
50-32-8	Benzo(a)pyrene				100		34000	D
205-99-2	Benzo(b)fluorant	hene			100		43000	D
191-24-2	Benzo(ghi)peryle	ene			100		21000	D
207-08-9	Benzo(k)fluorant	hene			100		13000	л
92-52-4	Biphenyl				100		22000	UD
111-91-1	Bis(2-chloroetho	xy)methane			100		22000	UD
111-44-4	Bis(2-chloroethy)	l)ether			100		22000	UD
117-81-7	Bis(2-ethylhexyl)	) phthalate			100		22000	UD

#### 8270C

aboratory:	TestAmerica Buffalo			SD	G:	RSL0991		
Client:	New York State D.E	<u>C Buffalo, N</u>	IY	Рго	ject:	<u>NYSDEC - REGI</u>	ON 9 REMEDIAT	ION/SPILLS
Matrix:	Solid	Labora	tory ID: <u>RT</u>	A0083-0	1	File ID:	<u>W9813.D</u>	
Sampled:	12/31/09 13:30	Prepar	ed: 01/	05/10 08	:00	Analyzed:	01/06/10 21:33	
olids:	74.73	Prepar		50B MB		Initial/Final:	30.46 g/ <u>1 mL</u>	
Batch:		equence:	<u>T000042</u>		ibration:	R9L1103	Instrument;	<u>HP5973W</u>
CAS NO.	COMPOUND		1000042		DILUTION		C. (ug/kg)	Q
				~~ <u>-</u>				
85-68-7	Butyl benzyl phthala	te			100	1 1944 1944 1949 19	2000	
105-60-2	Caprolactam				100		2000	UD
86-74-8	Carbazole				100		900	<u>л</u>
218-01-9	Chrysene				100		000	D
53-70-3	Dibenzo(a,h)anthrac	ene			100	1	800	<u>D</u>
132-64-9	Dibenzofuran				100		500	DL Draft
84-66-2	Diethyl phthalate				100	33000-1		
131-11-3	Dimethyl phthalate				100		2000	UD
84-74-2	Di-n-butyl phthalate				100		2000	UD
117-84-0	Di-n-octyl phthalate				100		2000	UD
206-44-0	Fluoranthene				100		1000	D
86-73-7	Fluorene				100		700	JD
118-74-1	Hexachlorobenzene				100		2000	UD
87-68-3	Hexachlorobutadien				100		2000	UD
77-47-4	Hexachlorocyclopen	tadiene			100	2:	2000	UD
67-72-1	Hexachloroethane				100	2:	2000	UD
193-39-5	Indeno(1,2,3-cd)pyre	ene			100	1	8000	Л
78-59-1	Isophorone				100	2:	2000	UD
91-20-3	Naphthalene				100	6	700	Л
98-95-3	Nitrobenzene				100	2:	2000	UD
621 <b>-64-</b> 7	N-Nitrosodi-n-propy	lamine		1	100	2:	2000	UD
86-30-6	N-Nitrosodiphenylar	nine		1	100	2	2000	UD
87-86-5	Pentachlorophenol				100	4	3000	UD
85-01-8	Phenanthrene				100	8	1000	D
108-95-2	Phenol				100	2	2000	UD
129-00-0	Pyrene				100	7	3000	D
	ITORING COMPOUN	ID	ADDED (ug	/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
2,4,6-Tribromo	phenol		6590		24100	365	39 - 146	D
2-Fluorobiphen	yl		4390		3210	73	37 - 120	D
2-Fluorophenol			6590		3210	49	18 - 120	D
Nitrobenzene-d	5		4390		2060	47	34 - 132	D
Phenol-d5			6590	1	3560	54	11 - 120	D
p-Terphenyl-d1			4390		2990	68	58 - 147	D
INTERNAL ST	TANDARD		AREA		RT	REF AREA	REF RT	Q
1,4-Dichlorobe	nzene-d4		231196		6.17	246933	6.17	
Acenaphthene-	d10		555912		10.08	599749	10.09	
Chrysene-d12			1180579		14.24	1265408	14.25	
Naphthalene-d8	}		1001747		7.83	1102259	7.84	
Perylene-d12			1162375	;	15.53	1169503	15.53	
Phenanthrene-d	10		914693	1	11.78	979334	11.78	

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Laboratory:	TestAmerica Buffalo		S	DG:	RSL0991		
Client:	New York State D.E.C Buff	falo, NY	P	roject:	NYSDEC - RE	GION 9 REMEDIAT	ION/SPILLS CO
Matrix:	<u>Solid</u> I	aboratory ID:	RTA0083	-02	File ID:	<u>W9814.D</u>	
Sampled:	<u>12/31/09 13:30</u> I	repared:	01/05/10	08:00	Analyzed:	01/06/10 21:57	
Solids:	<u>81.22</u>	reparation:	3550B M	B	Initial/Final:	30.34 g/1 mL	
Batch:	10A0094 Sequence:	<u>T000042</u>	C	Calibration:	<u>R9L1103</u>	Instrument:	<u>HP5973W</u>
CAS NO.	COMPOUND			DILUTION	CO	NC. (ug/kg)	Q
108-60-1	2,2'-Oxybis(1-Chloropropane	)		50		10000	UD
95-95-4	2,4,5-Trichlorophenol			50		10000	UD
88-06-2	2,4,6-Trichlorophenol			50		10000	UD
120-83-2	2,4-Dichlorophenol			50		10000	UD
105-67-9	2,4-Dimethylphenol			50		10000	UD
51-28-5	2,4-Dinitrophenol			50		20000	UD
121-14-2	2,4-Dinitrotoluene			50		10000	UD
606-20-2	2,6-Dinitrotoluene			50		10000	UD
91-58-7	2-Chloronaphthalene			50		10000	UD
95-57-8	2-Chlorophenol			50		10000	UD
91-57-6	2-Methylnaphthalene			50		10000	UD
95-48-7	2-Methylphenol			50		10000	UD
88-74-4	2-Nitroaniline			50		20000	UD
88-75-5	2-Nitrophenol			50		10000	UD
91-94-1	3,3'-Dichlorobenzidine			50		10000	UD
99-09-2	3-Nitroaniline			50		20000	UD
534-52-1	4,6-Dinitro-2-methylphenol			50		20000	UD
101-55-3	4-Bromophenyl phenyl ether			50		10000	UD
59-50-7	4-Chloro-3-methylphenol			50		10000	UD
106-47-8	4-Chloroaniline			50		10000	UD
7005-72-3	4-Chlorophenyl phenyl ether			50		10000	UD
106-44-5	4-Methylphenol			50		10000	UD
100-01-6	4-Nitroaniline			50		20000	UD
100-02-7	4-Nitrophenol			50		20000	UD
83-32-9	Acenaphthene			50		730	лD
208-96-8	Acenaphthylene			50		10000	UD
98-86-2	Acetophenone			50		10000	UD
120-12-7	Anthracene			50		2300	JD
1912-24-9	Atrazine			50		10000	UD
100-52-7	Benzaldehyde		1	50		10000	UD
56-55-3	Benzo(a)anthracene			50		7000	JD
50-32-8	Benzo(a)pyrene			50		5800	JD
205-99-2	Benzo(b)fluoranthene			50		10000	ת.
191-24-2	Benzo(ghi)perylene			50		3700	л
207-08-9	Benzo(k)fluoranthene			50		10000	UD
92-52-4	Biphenyl			50		10000	UD_
111-91-1	Bis(2-chloroethoxy)methane			50		10000	UD
111-44-4	Bis(2-chloroethyl)ether			50		10000	UD
117-81-7	Bis(2-ethylhexyl) phthalate			50		10000	UD

#### 8270C

aboratory:	TestAmerica Buffalo		5	SDG:	RSL0991		
lient:	New York State D.E.C B	uffalo, NY	I	Project:	NYSDEC - REC	JION 9 REMEDIAT	FION/SPILLS CO
Aatrix:	<u>Solid</u>	Laboratory ID:	RTA0083	3-02	File ID:	<u>W9814.D</u>	
ampled:	12/31/09 13:30	Prepared:	01/05/10	08:00	Analyzed:	01/06/10 21:57	
olids:	81.22	Preparation:	3550B M	В	Initial/Final:	<u>30.34 g/1 mL</u>	
Batch:	10A0094 Sequence	-		Calibration:	<u>R9L1103</u>	<u>HP5973W</u>	
CAS NO.	COMPOUND	<u>1000012</u>		DILUTION		Q	
85-68-7						NC. (ug/kg)	
105-60-2	Butyl benzyl phthalate			50 50		10000	
86-74-8	Caprolactam Carbazole			50		1100	JD
	and the second sec				-		
218-01-9	Chrysene Diberer (a b) - the series			50 50		6800 1100	JD
53-70-3	Dibenzo(a,h)anthracene					650	
132-64-9	Dibenzofuran Distant aktivation			50	a contra par		
84-66-2	Diethyl phthalate			50 50	10000		
131-11-3	Dimethyl phthalate	i-n-butyl phthalate				10000	UD
84-74-2		h-n-butyl phthalate				10000	UD
117-84-0						10000	
206-44-0	Fluoranthene			<u>50</u> 50		16000	D
86-73-7		Fluorene				930 10000	D ID
118-74-1	Hexachlorobenzene			50		UD	
87-68-3	Hexachlorobutadiene			50		UD	
77-47-4	Hexachlorocyclopentadiene	8		50		UD	
67-72-1	Hexachloroethane			50	112 2	10000	UD
193-39-5	Indeno(1,2,3-cd)pyrene			50		3600 10000	JD
78-59-1	Isophorone			50		UD	
91-20-3	Naphthalene			50		UD	
98-95-3	Nitrobenzene			50		10000	UD
621-64-7	N-Nitrosodi-n-propylamine			50	-	10000	UD
86-30-6	N-Nitrosodiphenylamine			50		10000 20000	UD
87-86-5	Pentachlorophenol			50		UD	
85-01-8	Phenanthrene			50		12000	. D
108-95-2	Phenol			50		10000	UD
129-00-0				50		12000	D
SYSTEM MON	NITORING COMPOUND	ADDEI	) (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
2,4,6-Tribromo	phenol	6(	)90	12800	210	39 - 146	D
2-Fluorobiphen			060	3250	80	37 - 120	D
2-Fluorophenol			90	3470	57	18 - 120	D
Nitrobenzene-d	5		060	2350	58	34 - 132	D
Phenol-d5			)90	3810	63	11 - 120	D
p-Terphenyl-dl			060	3000	74	58 - 147	D
INTERNAL ST				RT	REF AREA		Q
1,4-Dichlorobe				6.17	246933	6.17	
Acenaphthene-				10.09	599749	10.09	
Chrysene-d12	1173976			14.24	1265408	14.25	
Naphthalene-da				7.84	1102259	7.84	
Perylene-d12	1137280			15.53	1169503	15.53	
Phenanthrene-d orm Rev: 11/23/		90	1762	11.78 /3567	979334	11.78	1

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Laboratory:	TestAmerica Buffalo		S	SDG:	RSL0991		
Client:	New York State D.E.C.	- Buffalo, NY	P	roject:	NYSDEC - REC	GION 9 REMEDIAT	ION/SPILLS CO
Matrix:	Solid	Laboratory ID:	<u>RTA0083</u>	3-03	File ID:	W9815.D	
Sampled:	12/31/09_14:00	Prepared:	01/05/10	08:00	Analyzed:	01/06/10 22:21	
Solids:	74.34	Preparation:	<u>3550B M</u>	B	Initial/Final:	<u>30.18 g / 1 mL</u>	
Batch:	<u>10A0094</u> Sequ	ience: <u>T000042</u>	c	Calibration:	<u>R9L1103</u>	Instrument:	<u>HP5973W</u>
CAS NO.	COMPOUND			DILUTION	COM	NC. (ug/kg)	Q
108-60-1	2,2'-Oxybis(1-Chloropr	onane)	-	50		11000	UD
95-95-4	2,4,5-Trichlorophenol	·	ļ	50		11000	UD
88-06-2	2,4,6-Trichlorophenol		i	50		11000	UD
120-83-2	2,4-Dichlorophenol		1	50		11000	UD
105-67-9	2,4-Dimethylphenol		Ĭ	50		11000	UD
51-28-5	2,4-Dinitrophenol			50		22000	UD
121-14-2	2,4-Dinitrotoluene			50		11000	UD
606-20-2	2,6-Dinitrotoluene			50		11000	UD
91-58-7	2-Chloronaphthalene			50		11000	UD
95-57-8	2-Chlorophenol			50		11000	UD
91-57-6	2-Methylnaphthalene			50		580	JD
95-48-7	2-Methylphenol			50		11000	UD
88-74-4	2-Nitroaniline			50		22000	UD
88-75-5	2-Nitrophenol			50		11000	UD
91-94-1	3,3'-Dichlorobenzidine	10100		50		11000	UD
99-09-2	3-Nitroaniline			50		22000	UD
534-52-1	4,6-Dinitro-2-methylph	enol		50		22000	UD
101-55-3	4-Bromophenyl phenyl			50		11000	UD
59-50-7	4-Chloro-3-methylphen		1	50		11000	UD
106-47-8	4-Chloroaniline	X		50		11000	UD
7005-72-3	4-Chlorophenyl phenyl	ether		50		11000	UD
106-44-5	4-Methylphenol			50		11000	UD
100-01-6	4-Nitroaniline			50		22000	UD
100-02-7	4-Nitrophenol	<u> </u>		50		22000	UD
83-32-9	Acenaphthene			50		3100	m
208-96-8	Acenaphthylene			50		1900	JD
98-86-2	Acetophenone			50		11000	UD
120-12-7	Anthracene		1	50		6600	лD
1912-24-9	Atrazine			50		11000	UD
100-52-7	Benzaldehyde	2 - 11 - 12 - 12 - 12 - 12 - 12 - 12 -		50		11000	UD
56-55-3	Benzo(a)anthracene			50		20000	D
50-32-8	Benzo(a)pyrene			50		19000	D
205-99-2	Benzo(b)fluoranthene			50		23000	D
191-24-2	Benzo(ghi)perylene			50		12000	D
207-08-9	Benzo(k)fluoranthene			50		6600	JD
92-52-4	Biphenyl			50		11000	UD
111-91-1	Bis(2-chloroethoxy)me	thane				11000	UD
111-44-4	Bis(2-chloroethyl)ether			50		11000	UD
117-81-7	Bis(2-ethylhexyl) phtha			50		11000	UD

BM-CONFIRM-W8

à.

aboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C.	Buffalo, NY		Project:	NYSDEC - REGI	ON 9 REMEDIAT	ION/SPILLS C
Matrix:	Solid	Laboratory ID:	<u>RTA008</u>	3-03	File ID:	<u>W9815.D</u>	
Sampled:	12/31/09 14:00	Prepared:	01/05/10	08:00	Analyzed:	01/06/10 22:21	
Solids:	74.34	Preparation:	3550B N		Initial/Final:	30.18 g/1 mL	
Batch:		-	0			Instrument:	110607233
		ence: <u>T000042</u>		Calibration:	<u>R9L1103</u>		<u>HP5973W</u>
CAS NO.	COMPOUND			DILUTION		. (ug/kg)	Q
85-68-7	Butyl benzyl phthalate			50		.000	UD
105-60-2	Caprolactam			50		000	UD
86-74-8	Carbazole			50		500	JD .
218-01-9	Chrysene			50		0000	D
53-70-3	Dibenzo(a,h)anthracene			50		100	
132-64-9	Dibenzofuran	in		50		800	<u></u>
84-66-2	Diethyl phthalate			50		000	UD
131-11-3	Dimethyl phthalate			50		000	UD
84-74-2	Di-n-butyl phthalate			50		000	UD
117-84-0	Di-n-octyl phthalate			50		000	UD
206-44-0	Fluoranthene			50		1000	D
86-73-7	Fluorene			50		700	
118-74-1	Hexachlorobenzene			50		1000	UD
87-68-3	Hexachlorobutadiene			50		000	UD
77-47-4	Hexachlorocyclopentadi	ene		50		1000	UD
67-72-1	Hexachloroethane		-	50		1000	UD
193-39-5	Indeno(1,2,3-cd)pyrene			50		900	JD
78-59-1	Isophorone			50	1	1000	UD
91-20-3	Naphthalene			50		320	ЛD
98-95-3	Nitrobenzene			50	1	1000	UD
621-64-7	N-Nitrosodi-n-propylam			50	1	1000	UD
86-30-6	N-Nitrosodiphenylamine			50	1	1000	UD
87-86-5	Pentachlorophenol			50	2:	2000	UD
85-01-8	Phenanthrene			50	20	5000	D
108-95-2	Phenol			50	1	1000	UD
129-00-0	Рутепе			50	34	1000	D
SYSTEM MON	NITORING COMPOUND	ADDEI	D (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
2,4,6-Tribromo	phenol	60	690	15000	225	39 - 146	D
2-Fluorobiphen	yl	44	460	3860	86	37 - 120	D
2-Fluorophenol		6	690	3880	58	18 - 120	D
Nitrobenzene-d	5	44	460	2850	64	34 - 132	D
Phenol-d5			690	4370	65	11 - 120	D
p-Terphenyl-d1			460	3860	86	58 - 147	D
INTERNAL ST		A	REA	RT	REF AREA	REF RT	Q
1,4-Dichlorobe		230	0872	6.17	246933	6.17	
Acenaphthene-			10.09	599749	10.09		
Chrysene-d12			14.24	1265408	14.25		
Naphthalene-da			7.83	1102259	7.84		
Perylene-d12				15.53	1169503	15.53	
Phenanthrene-dorm Rev: 11/23/		92:	5366	11.78 2/3567	979334	11.78	

Clinith         New York State D.E.C. = Buffol, NY         Project:         NYSDEC-REGION 9 REMAINTON SPIFLA ON           Matrix:         Salid         Laboratory ID:         RTA0831-04         File ID:         W2816.2           Samplet         123.02 014.3/2         Preparetion         Oll/95/10 08.00         Analoz         00.55/10 02.00           Solida:         104.06994         Sequence:         T00042         Calibration:         RPL100         Instrument:         RPS973W           CAS NO.         COMPUND         T00042         Calibration:         RPL100         Instrument:         RPS973W           59554         2.4.5-Triciolorophenol         50         11000         UD         UD           95654         2.4.5-Triciolorophenol         50         11000         UD           120452         2.4.5-Triciolorophenol         50         11000         UD           130-57.9         2.4-Dioitorophenol         50         11000         UD           131-28.5         2.4-Dioitorophenol         50         11000         UD           131-28.5         2.4-Dioitorophenol         50         11000         UD           131-28.5         2.4-Dioitorophenol         50         11000         UD           131-28.5 <th>Laboratory:</th> <th>TestAmerica Buffalo</th> <th></th> <th>SDG:</th> <th><b>RSL0991</b></th> <th></th> <th></th>	Laboratory:	TestAmerica Buffalo		SDG:	<b>RSL0991</b>		
Interaction         Interaction         Interaction         Interaction           Solids:         J21/09/14:30         Preparation:         J250/09/10/08/00         Analyzed:         UL/06/10/23/65           Solids:         J04.00/14         Sequence:         T000042         Calibration:         R0/L103         Instrument:         H25973W           CAS NO.         COMPOUND         DILUTION         CONC. (ag/ag)         Q           108-60-1         22:Oxybic/l-Calicorpropano)         50         11000         UD           98-95:4         24:57 triblicorphenol         50         11000         UD           102-83:2         24:Dinterdyphenol         50         11000         UD           102-83:2         24:Dinterdyphenol         50         11000         UD           102-14:2         24:Dinterdyphenol         50         11000         UD           102-14:2         24:Dinterdyphenol         50         11000         UD           95:57:8         2-Chicrosphetolene         50         11000         UD           95:57:8         2-Methyphenol         50         11000         UD           95:57:8         2-Methyphenol         50         11000         UD           95:57:8 <t< td=""><td>Client:</td><td>New York State D.E.C B</td><td>uffalo, NY</td><td>Project:</td><td>NYSDEC - F</td><td>REGION 9 REMEDIA</td><td>TION/SPILLS CO</td></t<>	Client:	New York State D.E.C B	uffalo, NY	Project:	NYSDEC - F	REGION 9 REMEDIA	TION/SPILLS CO
Sölds:         74.42         Preparation:         3550B MB         Initia/Frinst:         30.52 g / 1mL           Batch:         100.0024         Sequence:         T0000042         Calibration:         E91.1103         Instrument:         E95233W           CAS NO.         COMPOUND         DILUTION         CONC. (ug/kg)         Q           108.40-1         2.2:Oxybig(1-Choopropane)         50         11000         UD           93.954         2.4.5:Trichlorophenol         50         11000         UD           120.852         2.4-0:Introphenol         50         11000         UD           120.825         2.4-Dinitrophenol         50         11000         UD           9121.142         2.4-Dinitrophenol         50         11000         UD           9123.7         2.Choropapthalene         50         11000         UD           94.57.8         2.Choropapthalene         50         11000         UD           91.57.6         2.Methylphanol         50         11000         UD           94.57.7         2.Nitrophenol         50         11000         UD           94.57.6         2.Methylphanol         50         11000         UD           94.57.7         2.Methylphano	Matrix:	<u>Solid</u>	Laboratory ID:	RTA0083-04	File ID:	<u>W9816.D</u>	
Batch:         100.0094         Sequence:         100.0092         Calibration:         R91.1103         Instrument         HP3973W           CAS NO.         COMPOUND         DILUTION         CONC. (ug/kg)         Q           108-60-1         2,2-Oxybis(1-Chiloroppene)         50         11000         UD           98-95-4         2,4-5-Trichlorophenol         50         11000         UD           108-67-9         2,4-5-Trichlorophenol         50         11000         UD           108-67-9         2,4-Dinethylphenol         50         11000         UD           112-8.5         2,4-Dinethylphenol         50         11000         UD           12-8.7         2,4-Dinethylphenol         50         11000         UD           12-8.7         2,4-Dinethylphenol         50         11000         UD           91-57-6         2,Chilorophenol         50         11000         UD           91-57-6         2,Chilorophenol         50         11000         UD           91-57-6         2,Chilorophenol         50         11000         UD           91-57-7         2,Chilorophenol         50         11000         UD           94-57-7         2,Abfurghphalone         50	Sampled:	<u>12/31/09_14:30</u>	Prepared:	01/05/10 08:00	Analyzed:	01/06/10 22:46	
Batch:         10.0094         Sequence:         T000042         Calibration: <u>R91.103</u> Instrument: <u>HP5973W</u> CAS NO.         COMPCUND         DILUTION         CONC. (ug/kg)         Q           108-60-1         2,2'-0xybin(1-Chloropropanc)         50         11000         UD           95-954         2,4,5' Tichlorophenol         50         11000         UD           88-05-2         2,4,6' Tichlorophenol         50         11000         UD           108-67.9         2,4-Dincthylphenol         50         11000         UD           51-28-5         2,4-Dinitrophenol         50         11000         UD           91-376-2         2,4-Dinitrophenol         50         11000         UD           91-377         2,4-Dinorphenol <t< td=""><td>Solids:</td><td>74.42</td><td>Preparation:</td><td>3550B MB</td><td>Initial/Final:</td><td><u>30.52 g / 1 mL</u></td><td></td></t<>	Solids:	74.42	Preparation:	3550B MB	Initial/Final:	<u>30.52 g / 1 mL</u>	
108-60-1         22-Oxybis(1-Chloropropane)         50         11000         UD           95-95-4         2,4,5-Trichlorophenol         50         11000         UD           128-83-2         2,4,6-Trichlorophenol         50         11000         UD           128-83-2         2,4-Dichlorophenol         50         11000         UD           128-83-2         2,4-Dinithorphenol         50         11000         UD           121-14-2         2,4-Dinitrophenol         50         22000         UD           121-14-2         2,4-Dinitrotolucae         50         11000         UD           91-58-7         2,Chloronapithalene         50         11000         UD           91-58-7         2,Chloronapithalene         50         11000         UD           91-57-6         2,Methylaphthalene         50         11000         UD           91-57-6         2,Methylaphthalene         50         11000         UD           88-74-4         2,Nitrophenol         50         11000         UD           98-97-5         2,Nitrophenol         50         11000         UD           98-97-4         4,Nitrophenol         50         11000         UD           99-90-3	Batch:	<u>10A0094</u> Sequenc	e: <u>T000042</u>	Calibration:	<u>R9L1103</u>		<u>HP5973W</u>
108-60-1         22'-Oxybia(1-Chloropropane)         50         11000         UD           95-95-4         2,4,5-Trichlorophenol         50         11000         UD           120-83-2         2,4,6-Trichlorophenol         50         11000         UD           120-83-2         2,4-Dichlorophenol         50         11000         UD           130-87-9         2,4-Dichlorophenol         50         11000         UD           121-14-2         2,4-Diribroblene         50         11000         UD           662-02         2,5-Dinibroblene         50         11000         UD           91-587.         2-Chlorophenol         50         11000         UD           95-57.8         2-Chlorophenol         50         11000         UD           95-57.4         2-Metrylphenol         50         11000         UD           95-87.5         2-Metrylphenol         50         11000         UD           88-744         2-Nitrophenol         50         11000         UD           98-9.2         3-Nitrophenol         50         11000         UD           99-9.2         3-Nitrophenol         50         11000         UD           99-9.2         3-Nitrophenol <td>CAS NO.</td> <td>COMPOUND</td> <td></td> <td>DILUT</td> <td></td> <td>ONC. (ug/kg)</td> <td>0</td>	CAS NO.	COMPOUND		DILUT		ONC. (ug/kg)	0
95-95-4         2,4,5-Trichlorophenol         50         11000         UD           88-06-2         2,4,5-Trichlorophenol         50         11000         UD           120-83-2         2,4-Dichlorophenol         50         11000         UD           105-67-9         2,4-Diintrophenol         50         11000         UD           512-14-2         2,4-Diintrotoluene         50         11000         UD           666-20-2         2,6-Dintrotoluene         50         11000         UD           95-57-8         2-Chlorophtalene         50         11000         UD           95-57-6         2-Methylphenol         50         11000         UD           95-57-8         2-Chlorophthalene         50         11000         UD           95-57-8         2-Methylphenol         50         11000         UD           98-74-4         2-Methylphenol         50         11000         UD           88-74-4         2-Methylphenol         50         11000         UD           98-75-5         2-Nitroniline         50         22000         UD           98-96-2         3-Nitroniline         50         11000         UD           99-96-2         3-Nitroniline <td>108-60-1</td> <td>2,2'-Oxybis(1-Chloropropa</td> <td>ne)</td> <td>50</td> <td></td> <td></td> <td></td>	108-60-1	2,2'-Oxybis(1-Chloropropa	ne)	50			
88-06-2         2,4,4-Trichlorophenol         50         11000         UD           120-83-2         2,4-Dindrybjenol         50         11000         UD           105-67-9         2,4-Dindrybjenol         50         11000         UD           121-14-2         2,4-Dindrybjenol         50         2000         UD           121-14-2         2,4-Dindrybjenol         50         11000         UD           666-20-2         2,6-Dinitrotoluene         50         11000         UD           91-58-7         2-Chlorosphthalene         50         11000         UD           91-57-6         2-Methylphenol         50         11000         UD           93-54-7         2-Chlorosphthalene         50         11000         UD           94-64-7         2-Methylphenol         50         11000         UD           94-54-7         2-Methylphenol         50         11000         UD           88-75-5         2-Nitrophenol         50         11000         UD           94-92         3-Witrophenol         50         11000         UD           94-92-1         3-Methylphenol         50         11000         UD           94-92-2         3-Witrophenol							
120-83-2         2,4-Dicklorophenol         50         11000         UD           105-67-9         2,4-Dinitrophenol         50         11000         UD           51-28-5         2,4-Dinitrophenol         50         12000         UD           121-14-2         2,4-Dinitrophenol         50         11000         UD           666-20-2         2,6-Dinitrobluene         50         11000         UD           91-58-7         2-Chloronghthalene         50         11000         UD           94-57-8         2-Chloronghthalene         50         11000         UD           95-57-8         2-Methylphenol         50         11000         UD           88-74-4         2-Methylphenol         50         11000         UD           88-74-4         2-Methylphenol         50         11000         UD           88-74-4         2-Methylphenol         50         11000         UD           91-94-1         33-Dichlorobezaidine         50         11000         UD           94-53-2         4-Gebinitro-2-methylphenol         50         11000         UD           91-94-4         33-Dichlorobezaidine         50         11000         UD           91-95-73 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
105-67-9         2,4-Dimetyphenol         50         11000         UD           5128-5         2,4-Dimitrophenol         50         22000         UD           121-14-2         2,4-Dimitrophenol         50         11000         UD           666-20-2         2,6-Dimitrotolucae         50         11000         UD           91-58-7         2-Chloronsphthalene         50         11000         UD           95-57.8         2-Chloronsphthalene         50         11000         UD           95-57.7         2-Methylaphthalene         50         770         JD           95-48.7         2-Methylaphthalene         50         11000         UD           88.75.5         2-Nitrophenol         50         11000         UD           88.75.5         2-Nitrophenol         50         11000         UD           91-94.1         3,3'Dichlorobenzidine         50         11000         UD           94-92         3-Nitroaniline         50         22000         UD           95-95.7         4-Chlorosanteryphenol         50         11000         UD           106-47.8         4-Chlorosanteryphenol         50         11000         UD           106-47.8         4-C							
\$1-28.5         2,4-Dinitrophenol         \$0         22000         UD           121-14-2         2,4-Dinitrotoluene         \$0         11000         UD           606-20-2         2,6-Dinitrotoluene         \$0         11000         UD           91-58-7         2-Chieronaphtalene         \$0         11000         UD           95-57.8         2-Chieronaphtalene         \$0         11000         UD           88-74.4         2-Nitroaniline         \$0         22000         UD           88-75.5         2-Nitroaniline         \$0         11000         UD           91-94-1         3,3-Dichlorobenzidine         \$0         11000         UD           94-92         3-Nitroaniline         \$0         22000         UD           101-55-3         4-Bromophenyl phenyl ether         \$0         11000         UD           105-72-3         4-Chioroaniline         \$0         11000         UD           106-47-8 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
121-14-2         2,4-Dinitrotoluene         50         11000         UD           606-20-2         2,6-Dinitrotoluene         50         11000         UD           91-58-7         2-Chloropaphthalene         50         11000         UD           95-57-8         2-Chlorophenol         50         11000         UD           95-57-8         2-Chlorophenol         50         11000         UD           95-57-8         2-Chlorophenol         50         11000         UD           95-57-8         2-Methylphenol         50         11000         UD           88-75-5         2-Nitrophenol         50         11000         UD           91-94-1         3,3-Dichlorobenzidine         50         22000         UD           91-94-1         3,3-Dichlorobenzidine         50         22000         UD           91-94-1         3,3-Dichlorobenzidine         50         22000         UD           91-94-1         4,6-Dinitro-2-methylphenol         50         22000         UD           101-55-3         4-Enorophenyl pheryl ether         50         11000         UD           101-55-3         4-Enorophenyl pheryl ether         50         11000         UD           106-							
606-20-2         2,6-Dimitrotoluene         50         11000         UD           91-58-7         2-Chlorosphthalere         50         11000         UD           95-57-8         2-Chlorosphthalere         50         11000         UD           91-57-6         2-Methylsphthalene         50         770         JD           95-48-7         2-Methylsphthalene         50         11000         UD           88-75-5         2-Nitrosphthalene         50         11000         UD           88-75-4         2-Nitrosphthalene         50         11000         UD           91-94-1         33'Dichlorobenzidine         50         11000         UD           94-92-2         3-Nitroaniline         50         22000         UD           95-45-7         4-Chloro-3-methylphenol         50         11000         UD           95-50-7         4-Chloro-3-methylphenol         50         11000         UD           106-44-5         4-Methylphenol         50         11000         UD           106-44-5         4-Methylphenol         50         11000         UD           106-44-5         4-Methylphenol         50         11000         UD           106-44-5 <td< td=""><td></td><td></td><td>100.010-00</td><td></td><td></td><td></td><td></td></td<>			100.010-00				
91-58-7         2-Chloronaphthalene         50         11000         UD           95-57-8         2-Chlorophenol         50         11000         UD           91-57-6         2-Methylnaphthalene         50         770         JD           95-48-7         2-Methylnaphthalene         50         770         JD           95-48-7         2-Methylphenol         50         11000         UD           88-75-5         2-Nitrophenol         50         11000         UD           91-94-1         3,3'Dichlorobenzidine         50         22000         UD           91-94-1         3,3'Dichlorobenzidine         50         22000         UD           91-94-1         3,3'Dichlorobenzidine         50         22000         UD           91-94-1         3,3'Dichlorobenzidine         50         11000         UD           91-94-1         4-Chloro-anethylphenol         50         11000         UD           101-55-3         4-Bromophemyl phenyl ether         50         11000         UD           106-47-8         4-Chloro-anethylphenol         50         11000         UD           106-47-5         4-Methylphenol         50         11000         UD           100-01-6						and the second sec	
95-57-8         2-Chlotophenol         50         1100         UD           91-57-6         2-Methylnaphthalene         50         770         JD           95-48-7         2-Methylphenol         50         11000         UD           88-74-4         2-Nitroaniline         50         2000         UD           88-75-5         2-Nitrophenol         50         11000         UD           91-94-1         3,3'Dichlorobenzidine         50         20000         UD           94-52-3         A-Nitroaniline         50         22000         UD           95-50-7         4-Chloro-3-methylphenol         50         11000         UD           10-57-23         4-Chloro-a-methylphenol         50         11000         UD           106-47-8         4-Chloroaniline         50         11000         UD           106-47-8         4-Chloroaniline         50         11000         UD           106-47-8         4-Chloroaniline         50         11000         UD           100-01-6         4-Nitroaniline         50         11000         UD           100-02-7         4-Nitrophenol         50         12000         UD           100-02-7         4-Nitroaniline <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	1						
91-57-6         2-Methylnaphthalene         50         770         ID           95-48-7         2-Methylphenol         50         11000         UD           88-74-4         2-Nitroaniline         50         22000         UD           88-74-4         2-Nitroaniline         50         11000         UD           88-75-5         2-Nitroaniline         50         11000         UD           91-94-1         3,3'Dichlorobenzidine         50         22000         UD           99-09-2         3-Nitroaniline         50         22000         UD           94-57-4         4-6 Diniro-2-methylphenol         50         22000         UD           101-55-3         4-Chloroa-3-methylphenol         50         11000         UD           106-47-8         4-Chloroaniline         50         12000         UD           100-02-7         4-Nitrophenol         50         22000         UD           100-02-7         4-Nitrophen							-
95-48-7         2-Methylphenol         50         11000         UD           88-74-4         2-Nitroaniline         50         11000         UD           88-75-5         2-Nitroaniline         50         11000         UD           91-94-1         3y-Dichlorobenzidine         50         11000         UD           99-09-2         3-Nitroaniline         50         22000         UD           534-52-1         4,6-Dinitro-2-methylphenol         50         22000         UD           544-52-1         4,6-Dinitro-2-methylphenol         50         22000         UD           534-52-1         4,6-Dinitro-2-methylphenol         50         11000         UD           550-7         4-Chloronphenyl phenyl ether         50         11000         UD           106-47-8         4-Chloronphenyl phenyl ether         50         11000         UD           106-47-5         4-Chloronphenyl phenyl ether         50         11000         UD           106-47-5         4-Chloronphenyl phenyl ether         50         11000         UD           100-01-6         4-Nitroaniline         50         22000         UD           100-02-7         4-Nitroaniline         50         11000         UD	1	and the second sec					
88-74-4         2-Nitroaniline         100         UD           88-74-4         2-Nitrophenol         50         22000         UD           98-75-5         2-Nitrophenol         50         11000         UD           91-94-1         3,3-Dichlorobenzidine         50         11000         UD           99-09-2         3-Nitroaniline         50         22000         UD           101-55-3         4-Bormophenyl phenyl ether         50         22000         UD           101-55-3         4-Bormophenyl phenyl ether         50         11000         UD           106-47-8         4-Chloroaniline         50         11000         UD           100-02-7         4-Nitroaniline			15-00				
88-75-5         2-Nitrophenol         50         11000         UD           91-94-1         3,3'-Dichlorobenzidine         50         11000         UD           99-09-2         3-Nitroaniline         50         22000         UD           534-52-1         4,6-Dinitro-2-methylphenol         50         22000         UD           101-55-3         4-Bromophenyl phenyl ether         50         11000         UD           104-57-3         4-Chloro-3-methylphenol         50         11000         UD           106-47-8         4-Chloro-3-methylphenol         50         11000         UD           106-47-8         4-Chloro-a-methylphenol         50         11000         UD           106-47-8         4-Chlorophenyl phenyl ether         50         11000         UD           106-47-8         4-Chlorophenyl phenyl ether         50         11000         UD           100-01-6         4-Nitrophenol         50         22000         UD           100-02-7         4-Nitrophenol         50         22000         UD           208-96-8         Acenaphthene         50         11000         UD           208-96-8         Acenaphthene         50         11000         UD      1							
91-94-1         3,3'-Dichlorobenzidine         50         11000         UD           99-09-2         3-Nitroaniline         50         22000         UD           534-52-1         4,6-Dinitro-2-methylphenol         50         22000         UD           101-55-3         4-Bromophenyl phenyl ether         50         11000         UD           59-50-7         4-Chloro-3-methylphenol         50         11000         UD           106-47-8         4-Chloro-3-methylphenol         50         11000         UD           7005-72-3         4-Chlorophenyl phenyl ether         50         11000         UD           106-44-5         4-Methylphenol         50         11000         UD           100-01-6         4-Nitroaniline         50         22000         UD           100-02-7         4-Nitrophenol         50         22000         UD           100-02-7         4-Nitrophenol         50         22000         UD           208-96-8         Accenaphthylene         50         11000         UD           208-96-8         Accetophenone         50         1000         UD           120-12-7         Arthracene         50         1000         UD           1912-24-9<				1			
99-09-2         3-Nitroaniline         50         22000         UD           534-52-1         4,6-Dinitro-2-methylphenol         50         22000         UD           101-55-3         4-Bromophenyl phenyl ether         50         11000         UD           39-50-7         4-Chloro-3-methylphenol         50         11000         UD           106-47-8         4-Chloros-inethylphenol         50         11000         UD           106-47-8         4-Chloroshenyl phenyl ether         50         11000         UD           106-47-8         4-Chlorophenyl phenyl ether         50         11000         UD           106-47-8         4-Chlorophenyl phenyl ether         50         11000         UD           106-47-4         4-Methylphenol         50         11000         UD           106-47-5         4-Chlorophenyl ether         50         11000         UD           100-01-6         4-Nitroaniline         50         22000         UD           100-02-7         4-Nitroaniline         50         22000         UD           208-96-8         Acenaphthylene         50         11000         UD           208-96-8         Acenaphthylene         50         11000         UD		10.00					
534-52-1         4,6-Dinitro-2-methylphenol         50         2000         UD           101-55-3         4-Bromophenyl phenyl ether         50         11000         UD           59-50-7         4-Chloro-3-methylphenol         50         11000         UD           106-47-8         4-Chloro-3-methylphenol         50         11000         UD           106-47-8         4-Chloro-a-methylphenol         50         11000         UD           106-47-8         4-Chlorophenyl phenyl ether         50         11000         UD           106-47-8         4-Chlorophenyl phenyl ether         50         11000         UD           106-44-5         4-Methylphenol         50         11000         UD           106-44-5         4-Methylphenol         50         22000         UD           100-01-6         4-Nitrophenol         50         22000         UD           100-02-7         4-Nitrophenol         50         22000         UD           208-96-8         Acenaphthylene         50         11000         UD           208-96-8         Acenaphthylene         50         11000         UD           120-12-7         Anthracene         50         10000         UD							
101-55-3         4-Bromophenyl phenyl ether         50         11000         UD           59-50-7         4-Chloro-3-methylphenol         50         11000         UD           106-47-8         4-Chloro-3-methylphenol         50         11000         UD           106-47-8         4-Chloro-3-methylphenol         50         11000         UD           106-47-8         4-Chlorophenyl phenyl ether         50         11000         UD           106-44-5         4-Methylphenol         50         11000         UD           106-44-5         4-Methylphenol         50         11000         UD           100-01-6         4-Nitroaniline         50         22000         UD           100-02-7         4-Nitroaniline         50         22000         UD           100-02-7         4-Nitroaniline         50         22000         UD           100-02-7         4-Nitrophenol         50         1000         UD           208-96-8         Acenaphthylene         50         1600         JD           98-86-2         Acetophenone         50         11000         UD           120-12-7         Anthracene         50         11000         UD           1912-24-9				50		22000	UD
59-50-7         4-Chloro-3-methylphenol         50         11000         UD           106-47-8         4-Chloroaniline         50         11000         UD           7005-72-3         4-Chlorophenyl phenyl ether         50         11000         UD           106-44-5         4-Methylphenol         50         11000         UD           100-01-6         4-Nitroaniline         50         22000         UD           100-02-7         4-Nitroaniline         50         22000         UD           100-02-7         4-Nitrophenol         50         22000         UD           208-96-8         Accenaphthene         50         11000         UD           208-96-8         Accenaphthylene         50         1600         JD           98-86-2         Acetophenone         50         11000         UD           120-12-7         Anthracene         50         2000         JD           1912-24-9         Atrazine         50         11000         UD           100-52-7         Benzo(a)anthracene         50         7200         JD           50-55-3         Benzo(a)anthracene         50         9400         JD           205-99-2         Benzo(b)fluoranthene <td>534-52-1</td> <td>4,6-Dinitro-2-methylphenol</td> <td></td> <td>50</td> <td></td> <td>22000</td> <td>UD</td>	534-52-1	4,6-Dinitro-2-methylphenol		50		22000	UD
106-47-8         4-Chloroaniline         1000         UD           7005-72-3         4-Chlorophenyl phenyl ether         50         11000         UD           106-44-5         4-Methylphenol         50         11000         UD           100-01-6         4-Nitroaniline         50         22000         UD           100-02-7         4-Nitrophenol         50         22000         UD           100-02-7         4-Nitrophenol         50         22000         UD           208-96-8         Acenaphthene         50         11000         UD           208-96-8         Acenaphthylene         50         1600         JD           98-86-2         Acetophenone         50         11000         UD           120-12-7         Anthracene         50         2000         JD           1912-24-9         Atrazine         50         11000         UD           100-52-7         Benzaldehyde         50         11000         UD           100-52-7         Benzaldehyde         50         11000         UD           56-55-3         Benzo(a)anthracene         50         6400         JD           205-99-2         Benzo(ch)fluoranthene         50         9400		a company of the second s	er	50		11000	UD
7005-72-3         4-Chlorophnyl phenyl ether         50         11000         UD           106-44-5         4-Methylphenol         50         11000         UD           100-01-6         4-Nitroaniline         50         22000         UD           100-02-7         4-Nitrophenol         50         22000         UD           83-32-9         Acenaphthene         50         11000         UD           208-96-8         Acenaphthylene         50         1600         JD           98-86-2         Acetophenone         50         11000         UD           120-12-7         Anthracene         50         2000         JD           1912-24-9         Atrazine         50         11000         UD           100-52-7         Benzaldehyde         50         11000         UD           100-52-7         Benzaldehyde         50         11000         UD           100-52-7         Benzaldehyde         50         11000         UD           50-32-8         Benzo(a)anthracene         50         7200         JD           50-32-8         Benzo(a)pyrene         50         4600         JD           205-99-2         Benzo(hfluoranthene         50	59-50-7	4-Chloro-3-methylphenol		50		11000	UD
106-44-5         4-Methylphenol         50         11000         UD           100-01-6         4-Nitroaniline         50         22000         UD           100-02-7         4-Nitrophenol         50         22000         UD           83-32-9         Acenaphthene         50         11000         UD           208-96-8         Acenaphthylene         50         1600         JD           98-86-2         Acetophenone         50         11000         UD           120-12-7         Anthracene         50         10000         UD           100-52-7         Benzaldehyde         50         11000         UD           56-55-3         Benzo(a)anthracene         50         7200         JD           50-32-8         Benzo(a)pyrene         50         6400         JD           205-99-2         Benzo(b)fluoranthene         50         4600         JD           207-08-9         Benzo(k)fluoranthene         50	106-47-8			50		11000	UD
100-01-6         4-Nitroaniline         50         1100         UD           100-02-7         4-Nitrophenol         50         22000         UD           83-32-9         Acenaphthene         50         11000         UD           208-96-8         Acenaphthene         50         11000         UD           98-86-2         Acetophenone         50         1600         JD           120-12-7         Anthracene         50         11000         UD           120-12-7         Anthracene         50         11000         UD           100-52-7         Benzaldehyde         50         11000         UD           100-52-7         Benzaldehyde         50         11000         UD           100-52-7         Benzaldehyde         50         11000         UD           100-52-7         Benzalaehyde         50         11000         UD           56-55-3         Benzo(a)anthracene         50         7200         JD           50-32-8         Benzo(a)pyrene         50         6400         JD           205-99-2         Benzo(b)fluoranthene         50         2800         JD           191-24-2         Benzo(k)fluoranthene         50         2	7005-72-3	4-Chlorophenyl phenyl ethe	r	50		11000	UD
100-02-7         4-Nitrophenol         50         1000         UD           83-32-9         Acenaphthene         50         11000         UD           208-96-8         Acenaphthene         50         1600         JD           98-86-2         Acetophenone         50         1600         JD           120-12-7         Anthracene         50         11000         UD           1912-24-9         Atrazine         50         11000         UD           100-52-7         Benzaldehyde         50         11000         UD           100-52-7         Benzo(a)anthracene         50         11000         UD           50-55-3         Benzo(a)anthracene         50         7200         JD           50-50-22         Benzo(a)anthracene         50         6400         JD           205-99-2         Benzo(b)fluoranthene         50         9400         JD           191-24-2         Benzo(b)fluoranthene         50         2800         JD           207-08-9         Benzo(k)fluoranthene         50         2800         JD           92-52-4         Biphenyl         50         11000         UD           111-91-1         Bis(2-chloroethoxy)methane <td< td=""><td>106-44-5</td><td>4-Methylphenol</td><td></td><td>50</td><td></td><td>11000</td><td>UD</td></td<>	106-44-5	4-Methylphenol		50		11000	UD
83-32-9         Acenaphthene         50         11000         UD           208-96-8         Acenaphthylene         50         1600         JD           98-86-2         Acetophenone         50         11000         UD           120-12-7         Anthracene         50         2000         JD           1912-24-9         Atrazine         50         11000         UD           100-52-7         Benzaldehyde         50         11000         UD           100-52-7         Benzaldehyde         50         11000         UD           56-55-3         Benzo(a)anthracene         50         7200         JD           50-32-8         Benzo(a)pyrene         50         6400         JD           205-99-2         Benzo(b)fluoranthene         50         9400         JD           191-24-2         Benzo(b)fluoranthene         50         2800         JD           207-08-9         Benzo(k)fluoranthene         50         11000         UD           92-52-4         Biphenyl         50         11000         UD           111-44-4         Bis(2-chloroethoxy)methane         50         11000         UD	100-01-6	4-Nitroaniline		50		22000	UD
208-96-8         Acenaphthylene         50         1100         010           98-86-2         Acetophenone         50         1600         JD           120-12-7         Anthracene         50         2000         JD           1912-24-9         Atrazine         50         11000         UD           100-52-7         Benzaldehyde         50         11000         UD           100-52-7         Benzaldehyde         50         11000         UD           56-55-3         Benzo(a)anthracene         50         7200         JD           50-32-8         Benzo(a)pyrene         50         6400         JD           205-99-2         Benzo(b)fluoranthene         50         9400         JD           191-24-2         Benzo(gh)perylene         50         4600         JD           207-08-9         Benzo(k)fluoranthene         50         2800         JD           92-52-4         Biphenyl         50         11000         UD           111-91-1         Bis(2-chloroethoxy)methane         50         11000         UD           111-44-4         Bis(2-chloroethyl)ether         50         11000         UD	100-02-7	4-Nitrophenol		50	:	22000	UD
98-86-2         Acetophenone         50         11000         UD           120-12-7         Anthracene         50         2000         JD           1912-24-9         Atrazine         50         11000         UD           100-52-7         Benzaldehyde         50         11000         UD           56-55-3         Benzo(a)anthracene         50         7200         JD           50-32-8         Benzo(a)anthracene         50         6400         JD           205-99-2         Benzo(a)pyrene         50         6400         JD           205-99-2         Benzo(b)fluoranthene         50         9400         JD           191-24-2         Benzo(k)fluoranthene         50         2800         JD           207-08-9         Benzo(k)fluoranthene         50         2800         JD           92-52-4         Biphenyl         50         11000         UD           111-91-1         Bis(2-chloroethoxy)methane         50         11000         UD           111-44-4         Bis(2-chloroethoxy)methane         50         11000         UD	83-32-9	Acenaphthene		50		11000	UD
120-12-7         Anthracene         50         2000         JD           1912-24-9         Atrazine         50         11000         UD           100-52-7         Benzaldehyde         50         11000         UD           56-55-3         Benzo(a)anthracene         50         7200         JD           50-32-8         Benzo(a)pyrene         50         6400         JD           205-99-2         Benzo(b)fluoranthene         50         9400         JD           191-24-2         Benzo(ghi)perylene         50         4600         JD           207-08-9         Benzo(k)fluoranthene         50         2800         JD           92-52-4         Biphenyl         50         11000         UD           111-44-4         Bis(2-chloroethoxy)methane         50         11000         UD	208-96-8	Acenaphthylene		50		1600	JD
1912-24-9         Atrazine         50         11000         UD           100-52-7         Benzaldehyde         50         11000         UD           56-55-3         Benzo(a)anthracene         50         7200         JD           50-32-8         Benzo(a)pyrene         50         6400         JD           205-99-2         Benzo(b)fluoranthene         50         9400         JD           191-24-2         Benzo(ghi)perylene         50         4600         JD           207-08-9         Benzo(k)fluoranthene         50         2800         JD           92-52-4         Biphenyl         50         11000         UD           111-44-4         Bis(2-chloroethoxy)methane         50         11000         UD           111-44-4         Bis(2-chloroethyl)ether         50         11000         UD	98-86-2	Acetophenone		50		11000	UD
100-52-7         Benzaldehyde         50         11000         UD           56-55-3         Benzo(a)anthracene         50         7200         JD           50-32-8         Benzo(a)pyrene         50         6400         JD           205-99-2         Benzo(b)fluoranthene         50         9400         JD           191-24-2         Benzo(ghi)perylene         50         4600         JD           207-08-9         Benzo(k)fluoranthene         50         2800         JD           92-52-4         Biphenyl         50         11000         UD           111-91-1         Bis(2-chloroethoxy)methane         50         11000         UD           111-44-4         Bis(2-chloroethoxy)methane         50         11000         UD	120-12-7	Anthracene		50		2000	JD
100-52-7         Benzaldehyde         50         11000         UD           56-55-3         Benzo(a)anthracene         50         7200         JD           50-32-8         Benzo(a)pyrene         50         6400         JD           205-99-2         Benzo(b)fluoranthene         50         9400         JD           191-24-2         Benzo(ghi)perylene         50         4600         JD           207-08-9         Benzo(k)fluoranthene         50         2800         JD           92-52-4         Biphenyl         50         11000         UD           111-91-1         Bis(2-chloroethoxy)methane         50         11000         UD           111-44-4         Bis(2-chloroethoxy)methane         50         11000         UD	1912-24-9	Atrazine		50		11000	UD
56-55-3         Benzo(a)anthracene         50         7200         JD           50-32-8         Benzo(a)pyrene         50         6400         JD           205-99-2         Benzo(b)fluoranthene         50         9400         JD           191-24-2         Benzo(ghi)perylene         50         4600         JD           207-08-9         Benzo(k)fluoranthene         50         2800         JD           92-52-4         Biphenyl         50         11000         UD           111-91-1         Bis(2-chloroethoxy)methane         50         11000         UD           111-44-4         Bis(2-chloroethyl)ether         50         11000         UD	100-52-7	Benzaldehyde		50		11000	UD
50-32-8         Benzo(a)pyrene         50         6400         JD           205-99-2         Benzo(b)fluoranthene         50         9400         JD           191-24-2         Benzo(ghi)perylene         50         4600         JD           207-08-9         Benzo(k)fluoranthene         50         2800         JD           92-52-4         Biphenyl         50         11000         UD           111-91-1         Bis(2-chloroethoxy)methane         50         11000         UD           111-44-4         Bis(2-chloroethyl)ether         50         11000         UD	56-55-3	Benzo(a)anthracene				7200	
205-99-2         Benzo(b)fluoranthene         50         9400         JD           191-24-2         Benzo(ghi)perylene         50         4600         JD           207-08-9         Benzo(k)fluoranthene         50         2800         JD           92-52-4         Biphenyl         50         11000         UD           111-91-1         Bis(2-chloroethoxy)methane         50         11000         UD           111-44-4         Bis(2-chloroethyl)ether         50         11000         UD	50-32-8	Benzo(a)pyrene					
191-24-2         Benzo(ghi)perylene         50         4600         JD           207-08-9         Benzo(k)fluoranthene         50         2800         JD           92-52-4         Biphenyl         50         11000         UD           111-91-1         Bis(2-chloroethoxy)methane         50         11000         UD           111-44-4         Bis(2-chloroethyl)ether         50         11000         UD	205-99-2	Benzo(b)fluoranthene					
207-08-9         Benzo(k)fluoranthene         50         2800         JD           92-52-4         Biphenyl         50         11000         UD           111-91-1         Bis(2-chloroethoxy)methane         50         11000         UD           111-44-4         Bis(2-chloroethyl)ether         50         11000         UD	191-24-2						
92-52-4         Biphenyl         50         11000         UD           111-91-1         Bis(2-chloroethoxy)methane         50         11000         UD           111-44-4         Bis(2-chloroethyl)ether         50         11000         UD	207-08-9						
111-91-1         Bis(2-chloroethoxy)methane         50         11000         UD           111-44-4         Bis(2-chloroethyl)ether         50         11000         UD							
111-44-4         Bis(2-chloroethyl)ether         50         11000         UD			e				
		The second se					

Laboratory:	TestAmerica Buffalo		5	SDG:	RSL0991		
Client:	New York State D.E.C.	- Buffalo, NY	1	Project:	NYSDEC - REGI	ON 9 REMEDIAT	ION/SPILLS C
Matrix:	Solid	Laboratory ID:	RTA0083	8-04	File ID:	<u>W9816.D</u>	
Sampled:	12/31/09 14:30	Prepared:	01/05/10	08:00	Analyzed:	01/06/10 22:46	
- Solids:	74.42	Preparation:	3550B M		Initial/Final:	30.52 g / 1 mL	
Batch:		-				-	1005053332
		ence: <u>T000042</u>		Calibration:	<u>R9L1103</u>	Instrument:	<u>HP5973W</u>
CAS NO.	COMPOUND			DILUTION		C. (ug/kg)	Q
85-68-7	Butyl benzyl phthalate			50		1000	UD
105-60-2	Caprolactam			50		1000	UD
86-74-8	Carbazole			50		300	JD
218-01-9	Chrysene			50		000	JD
53-70-3	Dibenzo(a,h)anthracene			50	1	1000	UD
132-64-9	Dibenzofuran			50	1	1000	UD
84-66-2	Diethyl phthalate			50	1	1000	UD
131-11-3	Dimethyl phthalate	Colored and the second second		50	1	1000	UD
84-74-2	Di-n-butyl phthalate			50	1	1000	UD
117-84-0	Di-n-octyl phthalate			50	1	1000	UD
206-44-0	Fluoranthene			50	1	8000	D
86-73-7	Fluorene			50	1	1000	UD
118-74-1	Hexachlorobenzene			50	1	1000	ບກ
87-68-3	Hexachlorobutadiene			50	1	1000	UD
77-47-4	Hexachlorocyclopentad	iene		50	1	1000	UD
67-72-1	Hexachloroethane			50	1	1000	UD
193-39-5	Indeno(1,2,3-cd)pyrene		1	50	4	000	Л
78-59-1	Isophorone			50	1	1000	UD
91-20-3	Naphthalene			50		950	л
98-95-3	Nitrobenzene			50	1	1000	UD
621-64-7	N-Nitrosodi-n-propylan	nine		50	1	1000	UD
86-30-6	N-Nitrosodiphenylamin	c		50	1	1000	UD
87-86-5	Pentachlorophenol			50		2000	UD
85-01-8	Phenanthrene			50		4000	D
108-95-2	Phenol			50		1000	UD
129-00-0	Pyrene			50		4000	D
	VITORING COMPOUND	ADDED	(ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
2,4,6-Tribromo	phenol	660		13600	207	39 - 146	D
2-Fluorobiphen	yl	440		3100	70	37 - 120	D
2-Fluorophenol		660	00	2400	36	18 - 120	D
Nitrobenzene-d	5	440	00	2400	54	34 - 132	D
Phenol-d5		660	ю	3040	46	11 - 120	D
p-Terphenyl-d1	4	440	00	3060	70	58 - 147	D
INTERNAL ST	TANDARD	ARI	EA	RT	REF AREA	REF RT	Q
1,4-Dichlorobe	nzene-d4	2344	91	6.17	246933	6.17	
Acenaphthene-	d10	5778	347	10.09	599749	10.09	
Chrysene-d12			14.24	1265408	14.25		
Naphthalene-d8	lene-d8 1041120			7.83	1102259	7.84	
Perylene-d12		1232	622	15.53	1169503	15.53	
Phenanthrene-d	10	9359	031	11.78	979334	11.78	

Laboratory:	TestAmerica Buffalo			SDG:	RTA0227		
Client:	New York State D.E.C H	Suffalo, NY		Project:	NYSDEC - REG	GION 9 REMEDIA	TION/SPILLS CO)
Matrix:	Solid	Laboratory ID:	<u>RTA031</u>	<u>9-01</u>	File ID:	<u>U7616.D</u>	
Sampled:	01/08/10 16:30	Prepared:	01/09/10	09:32	Analyzed;	<u>01/13/10 18:10</u>	1
Solids:	<u>72.34</u>	Preparation:	<u>3550B N</u>	<u>/B</u>	Initial/Final:	<u>30.18 g / 1 mL</u>	
Batch:	<u>10A0410</u> Sequen	ce: <u>T000133</u>		Calibration:	<u>R9L1301</u>	Instrument:	HP5973U
CAS NO.	COMPOUND			DILUTION	CON	NC. (ug/kg)	Q
108-60-1	2,2'-Oxybis(1-Chloropropa	але)		50		12000	UD
95-95-4	2,4,5-Trichlorophenol			50		12000	UD
88-06-2	2,4,6-Trichlorophenol	Cond Decem		50	54	12000	UD
120-83-2	2,4-Dichlorophenol			50		12000	UD
105-67-9	2,4-Dimethylphenol			50		12000	UD
51-28-5	2,4-Dinitrophenol			50		23000	UD
121-14-2	2,4-Dinitrotoluene			50		12000	UD
606-20-2	2,6-Dinitrotoluene			50		12000	UD
91-58-7	2-Chloronaphthalene			50		12000	UD
95-57-8	2-Chlorophenol			50		12000	UD
91-57-6	2-Methylnaphthalene			50		12000	UD
95-48-7	2-Methylphenol			50		12000	UD
88-74-4	2-Nitroaniline			50		23000	UD
88-75-5	2-Nitrophenol			50		12000	UD
91-94-1	3.3'-Dichlorobenzidine			50		12000	UD
99-09-2	3-Nitroaniline			50		23000	UD
534-52-1	4,6-Dinitro-2-methylpheno	s]		50		23000	UD
101-55-3	4-Bromophenyl phenyl eth			50		12000	UD
59-50-7	4-Chloro-3-methylphenol		6.11 - 17 - 18 - 18 - 18 - 18 - 18 - 18 -	50		12000	UD
106-47-8	4-Chloroaniline			50		12000	UD
7005-72-3	4-Chlorophenyl phenyl eth	IET		50		12000	UD
106-44-5	4-Methylphenol			50		12000	UD
100-01-6	4-Nitroaniline			50		23000	UD
100-02-7	4-Nitrophenol			50		23000	UD
83-32-9	Acenaphthene			50		1200	JD
208-96-8	Acenaphthylene			50		1900	JD
98-86-2	Acetophenone	- Charles		1 50		12000	UD
120-12-7	Anthracene			50		2400	D D
1912-24-9	Atrazine			50		12000	UD
100-52-7	Benzaldehyde		<del>70-01-</del> 01-	50		12000	
56-55-3	Benzo(a)anthracene			50		9400	0
50-32-8	Benzo(a)pyrene			50		8600	JD JD
205-99-2	Benzo(b)fluoranthene			50		10000	JD
191-24-2	Benzo(ghi)perylene			50		5700	JD 3D
207-08-9	Benzo(k)fluoranthene			50		4300	
92-52-4	Biphenyl			50		12000	UD UT
111-91-1	Bis(2-chloroethoxy)metha	ne		50		12000	UD
111-44-4	Bis(2-chloroethyl)ether			50		12000	UD
117-81-7	Bis(2-ethylhexyl) phthalat	a		50		12000	UD

Form Rev: 11/23/09



#### 8270C

aboratory:	TestAmerica Bu	ffalo		S	DG:	RTA0227		
lient:	New York State	D.E.C Buffalo,	NY	P	roject:	NYSDEC - REG	ON 9 REMEDIAT	ION/SPILLS
Matrix:	Solid	Labor	atory ID: <u>H</u>	RTA0319	<u>-01</u>	File ID:	<u>U7616.D</u>	
ampled:	01/08/10 16:30	Prepa	red: <u>(</u>	01/09/10	09:32	Analyzed:	01/13/10 18:10	
olids:	72.34	Prepa	ration: 3	3550B M	В	Initial/Final;	30.18 g / 1 mL	
Batch:	10A0410	Sequence:	T000133			R9L1301	Instrument:	HP5973U
CAS NO.	COMPOUND		1000100	T	DILUTION		C. (ug/kg)	Q
85-68-7	Butyl benzyl ph	thalate			50	1		
105-60-2	Caprolactam				50		2000	UD
86-74-8	Carbazole				50		900	Л
218-01-9	Chrysene				50		1000	JD
53-70-3	and the second s	Dibenzo(a,h)anthracene			50	1	2000	UD
132-64-9	Dibenzofuran				50	1	2000	UD
84-66-2	Diethyl phthalat	Diethyl phthalate			50	1	2000	UD
131-11-3	Dimethyl phthal	Dimethyl phthalate			50	1	2000	UD
84-74-2	Di-n-butyl phtha	Di-n-butyl phthalate			50	1	2000	UD
117-84-0	Di-n-octyl phtha	late			50	1	2000	UD
206-44-0	Fluoranthene				50	2	3000	D
86-73-7	Fluorene			1	50	2200		.JD
118-74-1	Hexachlorobenz	ene			50	12000		UD
87-68-3	Hexachlorobuta			1	50		2000	UD
77-47-4	Hexachlorocycl				50		2000	
67-72-1	Hexachloroetha	-					2000	
					50			UD
193-39-5	Indeno(1,2,3-cd	pyrene			50		5800	JD
78-59-1	Isophorone				50		2000	UD
91-20-3	Naphthalene				50		UD	
98-95-3	Nitrobenzene				50	1	UD	
621-64-7	N-Nitrosodi-n-p	ropylamine			50	1	UD	
86-30-6	N-Nitrosodipher	nylamine			50	1	UD	
87-86-5	Pentachloropher	10l			50	23000		
85-01-8	Phenanthrene				50	21000		
108-95-2	Phenol				50	12000		
129-00-0	Pyrene				50	2	0000	D
SYSTEM MON	ITORING COMP	OUND	ADDED (	ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
2,4,6-Tribromo	phenol		6870	)	3020	44	39 - 146	D
2-Fluorobiphen			4580	)	4330	94	37 - 120	D
2-Fluorophenol			6870		4370	64	18 - 120	D
Nitrobenzene-d	5		4580		3640	80	34 - 132	D
Phenol-d5	6870			5150	75	11 - 120	D	
p-Terphenyl-d1				0	4190	91	58 - 147	D
INTERNAL ST				RT	REF AREA	REF RT	Q	
1,4-Dichlorober	nzene-d4 189839			39	5.68	194982	5.68	
Acenaphthene-				9.67	429589	9.67		
Chrysene-d12	743697			13.86	694251	13.86		
Naphthalene-d8				7.4	800318	7.4		
Perylene-d12				15.1	496969	15.1		
Phenanthrene-d10 654869			11.39					

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### 8081A

Laboratory:	TestAmerica Buff	alo		SDG:	RSL0991		
Client:	New York State D	D.E.C Buffalo	<u>NY</u>	Project:	NYSDEC - RE	GION 9 REMEDI	ATION/SPILL
Matrix:	Solid	Labora	tory ID: <u>RSL0</u>	<u>991-01</u>	File ID:	<u>6b51243</u>	
Sampled:	<u>12/22/09 13:45</u>	Prepare	ed: <u>12/28</u>	/09 16:00	Analyzed:	<u>12/30/09 14:24</u>	
Solids:	<u>90.72</u>	Prepara	ation: <u>3550</u>	<u>3 GC</u>	Initial/Final:	<u>30.27 g / 10 ml</u>	_
Batch:	<u>9L28006</u>	Sequence:	<u>RL93111</u>	Calibration:	<u>R9K1705</u>	Instrument:	<u>HP6890-6</u>
CAS NO.	COMPOUND			DILUTION	CON	C. (ug/kg)	Q
72-54-8	4,4'-DDD [2C]			40		130	·SPD
72-55-9	4,4'-DDE [2C]			40		73	UD
50-29-3	4,4'-DDT			40		260	¢D
309-00-2	Aldrin [2C]			40		73	UD
319-84-6	alpha-BHC [2C]			40		73	UD
5103-71-9	alpha-Chlordane	2C]		40		73	UD
319-85-7	beta-BHC [2C]			40	73		UD
57-74-9	Chlordane [2C]			40		730	UD
319-86-8	delta-BHC [2C]			40		73	UD
60-57-1	Dieldrin [2C]			40		73	UD
959-98-8	Endosulfan I [2C]			40		16	JPD
33213-65-9	Endosulfan II [20	1		40		160	PD
1031-07-8	Endosulfan sulfat	e [2C]		40		73	UD
72-20-8	Endrin [2C]			40	13 -	58-	1510 D
7421-93-4	Endrin aldehyde [	2C]		40		73	UD
53494-70-5	Endrin ketone [20	]		40		73	UD
58-89-9	gamma-BHC (Lir	idane) [2C]		40		73	UD
5103-74-2	gamma-Chlordan	e [2C]		40		130	J PD
76-44-8	Heptachlor [2C]			40		73	UD
1024-57-3	Heptachlor epoxi	de [2C]		40		73	UD
72-43-5	Methoxychlor [2C]		40		73	UD ·S	
8001-35-2	2 Toxaphene [2C]		40		730	UD	
SYSTEM MO	ONITORING COMPOUND ADDED (ug/kg			g) CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobip	ecachlorobiphenyl [2C] 7.28			0.00		42 - 146	D
Tetrachloro-m-	xylene [2C]		7.28	0.00		37 - 136	D

\* Values outside of QC limits

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### 8081A

Laboratory:	TestAmerica Buffa	alo		ŝ	SDG:	RSL0991		
Client:	New York State D	.E.C Buffalo	<u>d, NY</u>	1	Project:	NYSDEC - REC	GION 9 REMEDI	ATION/SPILL
Matrix:	<u>Solid</u>	Labora	atory ID: <u>RSI</u>	L099	1-02	File ID:	<u>6b51244</u>	
Sampled:	<u>12/23/09 14:30</u>	Prepar	ed: <u>12/2</u>	28/09	9 16:00	Analyzed:	12/30/09 15:00	
Solids:	<u>84.01</u>	Prepar	ation: <u>3</u> 55	0B (	GC	Initial/Final:	4	
Batch:	<u>9L28006</u> S	equence:	<u>RL93111</u>		Calibration:	<u>R9K1705</u>	Instrument:	<u>HP6890-6</u>
CAS NO.	COMPOUND		A		DILUTION	CONC	C. (ug/kg)	Q
72-54-8	4,4'-DDD [2C]				2		2.9	JPD
72-55-9	4,4'-DDE [2C]			× .	2		3.9	UD
50-29-3	4,4'-DDT				2		5.7	¢D
309-00-2	Aldrin [2C]				2		3.9	UD
319-84-6	alpha-BHC [2C]				2		3.9	UD
5103-71-9	alpha-Chlordane [	2C]			2	3.9		UD
319-85-7	beta-BHC [2C]				2		3.9	UD
57-74-9	Chlordane [2C]				2		39	UD
319-86-8	delta-BHC [2C]				2		1.8	JPD
60-57-1	Dieldrin [2C]				2		3.9	UD
959-98-8	Endosulfan I [2C]				2	3.9		UD
33213-65-9	Endosulfan II [2C]				2	-2.5		JPD
1031-07-8	Endosulfan sulfate	[2C]			2	3.9		UD
72-20-8	Endrin [2C]				2	3.9-	1.3	C JBPD
7421-93-4	Endrin aldehyde	2C]			2		3.9	UD
53494-70-5	Endrin ketone [2C	]			2		3.9	UD
58-89-9	gamma-BHC (Line	dane) [2C]			2		3.9	UD
5103-74-2	gamma-Chlordane	[2C]			2		2.2	JPD
76-44-8	Heptachlor [2C]				2		3.9	UD
1024-57-3	Heptachlor epoxide [2C]			_	2		3.9	UD
72-43-5	Methoxychlor [2C]				2		3.9	UD 🔨
8001-35-2	Toxaphene [2C]			2		39	UD	
SYSTEM MO	ONITORING COMPOUND ADDED (ug/kg			/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobip	henyl [2C]		7.88		5.57	71	42 - 146	D
Tetrachloro-m-	xylene [2C]		7.88		5.03	64	37 - 136	D

\* Values outside of QC limits

Form Rev: 11/23/09

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8081A

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.	<u>C Buffalo,</u>	NY	Project:	NYSDEC - RE	GION 9 REMEDI	ATION/SPILL;
Matrix:	Solid	Laborate	ory ID: <u>RSL11</u>	35-02	File ID:	<u>6b52018</u>	
Sampled:	12/29/09 13:30	Preparec	l: <u>01/04/</u>	10 19:00	Analyzed:	<u>01/05/10 14:09</u>	
Solids:	<u>55.96</u>	Preparat	tion: <u>3550B</u>	GC	Initial/Final:	<u>30.23 g / 10 ml</u>	
Batch:	<u>10A0043</u> Sequ	ience:	<u>T000051</u>	Calibration:	<u>R9K1705</u>	Instrument:	HP6890-6
CAS NO.	COMPOUND			DILUTION	CON	C. (ug/kg)	Q
72-54-8	4,4'-DDD [2C]			1		3.0	U
72-55-9	4,4'-DDE [2C]			1		3.0	Ŭ
50-29-3	4,4'-DDT [2C]			1		3.0	U
309-00-2	Aldrin [2C]			1		3.0	U
319-84-6	alpha-BHC [2C]			1		3.0	U
5103-71-9	alpha-Chlordane [2C]			1		3.0	U
319-85-7	beta-BHC [2C]			1		3.0	U
57-74-9	Chlordane [2C]			1		30	U
319-86-8	delta-BHC [2C]			1		3.0	U
60-57-1	Dieldrin [2C]			1		3.0	U
959-98-8	Endosulfan 1 [2C]			1		3.0	U
33213-65-9	Endosulfan II [2C]			1	÷	3.0	U
1031-07-8	Endosulfan sulfate [2	C]		1		3.0	U
72-20-8	Endrin [2C]			1		3.0	U
7421-93-4	Endrin aldehyde [2C]			1		3.0	U
53494-70-5	Endrin ketone [2C]			1		3.0	U
58-89-9	gamma-BHC (Lindar	ie) [2C]		1		3.0	U
5103-74-2	gamma-Chlordane [2	C]		1		3.0	U
76-44-8	Heptachlor [2C]			1		3.0	U
1024-57-3	Heptachlor epoxide [	2C]		1		3.0	U
72-43-5	Methoxychlor [2C]			1	N	3.0	U
8001-35-2	Toxaphene [2C]			1		30	U
SYSTEM MO	NITORING COMPOU	ND	ADDED (ug/kg	) CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobip				11.2	95	42 - 146	
Tetrachloro-m-	xylene [2C]		11.8	10.1	85	37 - 136	

### 8081A

TestAmerica But	ffalo		1	SDG:	RSL0991		
New York State	D.E.C Buffalo	<u>), NY</u>	J	Project:	NYSDEC - REC	GION 9 REMED	ATION/SPILL
Solid	Labora	atory ID:	<u>RSL113</u>	<u>5-01</u>	File ID:	<u>6b52017</u>	
<u>12/28/09 14:30</u>	Prepar	ed:	01/04/10	) 19:00	Analyzed:	01/05/10 13:33	
81.86	Prepar	ation:	3550B (	GC		30.88  g / 10  m	- L
							= HP6890-6
	bequence.	1000051					-
	100 B. 100 B						Q
			·····			it is a second sec	U
							U
		_			-		U
							U
the second data and the second data and the second data and the				1			U
alpha-Chlordane	[2C]			1			U
beta-BHC [2C]				1		2.0	U
Chlordane [2C]				1		20	U
delta-BHC [2C]				1		2.0	U
Dieldrin [2C]				1		2.0	U
Endosulfan I [20	2]			1		2.0	U
Endosulfan II [20	C]			1		2.0	U
Endosulfan sulfa	te [2C]			1		2.0	U
Endrin [2C]				1		2.0	U
Endrin aldehyde	[2C]			1		2.0	U
	3			1		2.0	U
gamma-BHC (Li	indane) [2C]			1		2.0	U
				1			JBP V
				1			U
					U		
					U		
			1 20		U		
		) (11g/kg)		% REC		Q	
						<u> </u>	<u> </u>
xylene [2C]				6.47	82	37 - 136	
1	New York State Solid 12/28/09 14:30 81.86 10A0043 COMPOUND 4,4'-DDD [2C] 4,4'-DDD [2C] 4,4'-DDT [2C] Aldrin [2C] alpha-BHC [2C] alpha-Chlordane beta-BHC [2C] delta-BHC [2C] Dieldrin [2C] Endosulfan II [20 Endosulfan II [20 Endosulfan II [20 Endosulfan II [20 Endosulfan II [20 Endosulfan Sulfa Endrin [2C] Endrin aldehyde Endrin ketone [2 gamma-BHC [Li gamma-Chlordar Heptachlor [2C] Heptachlor epox Methoxychlor [2 Toxaphene [2C]	SolidLabora12/28/09 14:30Prepar81.86Prepar10A0043Sequence:COMPOUND4,4'-DDD [2C]4,4'-DDE [2C]4,4'-DDT [2C]4,4'-DDT [2C]4,4'-DDT [2C]Aldrin [2C]Image: Sequence:alpha-BHC [2C]Image: Sequence:alpha-BHC [2C]Image: Sequence:beta-BHC [2C]Image: Sequence:Chlordane [2C]Image: Sequence:beta-BHC [2C]Image: Sequence:Chlordane [2C]Image: Sequence:Beta-BHC [2C]Image: Sequence:Dieldrin [2C]Image: Sequence:Endosulfan II [2C]Image: Sequence:Endosulfan sulfate [2C]Image: Sequence:Endrin [2C]Image: Sequence:Endrin ketone [2C]Image: Sequence:gamma-Chlordane [2C]Image: Sequence:Heptachlor [2C]Image: Sequence:Methoxychlor [2C]Image: Sequence:ITORING COMPOUNDImage: Sequence:	New York State D.E.C Buffalo, NYSolidLaboratory ID: $12/28/09 14:30$ Prepared: $10A0043$ Sequence: $1000051$ $12/28/09 14:30$ Sequence: $1000051$ $10A0043$ Sequence: $1000051$ $4,4'-DDD [2C]$ $-1000051$ $4,4'-DDT [2C]$ $-1000051$ $4,4'-DDT [2C]$ $-1000051$ $1000120$ $-1000051$ $1000120$ $-1000051$ $1000120$ $-1000051$ $1000120$ $-1000051$ $1000051$ $-1000051$ $1000051$ $-1000051$ $1000051$ $-1000051$ $1000051$ $-1000051$ $1000051$ $-1000051$ $1000051$ $-1000051$ $1000051$ $-1000051$ $1000051$ $-1000051$ $1000051$ $-100005$	New York State D.E.C Buffalo, NYRSL113SolidLaboratory ID:RSL11312/28/09 14:30Prepared:01/04/10 $\$1.86$ Preparation:3550B C10A0043Sequence:T00005110A0043Sequence:T0000514,4'-DDD [2C]Image: Component of the second of t	New York State D.E.C Buffalo, NYProject:SolidLaboratory ID:RSL1135-0112/28/09 14:30Prepared:01/04/10 19:00 $\$1.86$ Preparation:3550B GC10A0043Sequence:T000051Calibration:COMPOUNDII14,4'-DDD [2C]I14,4'-DDT [2C]I1Aldrin [2C]I1alpha-BHC [2C]I1alpha-BHC [2C]I1beta-BHC [2C]I1chlordane [2C]I1beta-BHC [2C]I1chlordane [2C]I1beta-BHC [2C]I1Beldrin [2C]I1Endosulfan I [2C]I1Endosulfan I [2C]I1Endosulfan I [2C]I1Endrin aldehyde [2C]I1Endrin aldehyde [2C]I1Endrin aldehyde [2C]I1Endrin aldehyde [2C]I1Heptachlor [2C]I </td <td>New York State D.E.C Buffalo, NYProject:NYSDEC - REGSolidLaboratory ID:RSL1135-01File ID:12/28/09 14:30Prepared:01/04/10 19:00Analyzed:81.86Preparation:3550B GCInitial/Final:10A0043Sequence:T000051Calibration:R9K1705COMPOUNDDILUTIONCONC4,4*-DDD [2C]114,4*-DDT [2C]114,4*-DDT [2C]114,4*-DDT [2C]11alpha-BHC [2C]11alpha-BHC [2C]11beta-BHC [2C]11chlordane [2C]11beta-BHC [2C]11Dieldrin [2C]11Dieldrin [2C]11Endosulfan I [2C]11Endrin aldehyde [2C]11Endrin alfate [2C]11gamma-Chlordane [2C]11Indicaline [2C]11Indosulfan I [2C]11Indosulfan I [2C]11Indicaline [2C]11&lt;</td> <td>New York State D.E.C Buffalo. NY       Project:       NYSDEC - REG/ON 9 REMED/         Solid       Laboratory ID:       RSL1135-01       File ID:       <math>6b52017</math>         12/28/09 14:30       Prepared:       01/04/10 19:00       Analyzed:       01/05/10 13:33         81.86       Preparation:       3550B GC       Initial/Final:       30.88 g / 10 ml         10A0043       Sequence:       T000051       Calibration:       R9K1705       Instrument:         COMPOUND        1       2.0       4/4*DDD [2C]       1       2.0         4/4*DDD [2C]       1       2.0       1       2.0         Aldrin [2C]       1       2.0       1       2.0         Aldrin [2C]       1       2.0       1       2.0         alpha-BHC [2C]       1       2.0       1       2.0         chlordane [2C]       1       2.0       1       2.0         chlordane [2C]       1       2.0       1       2.0         Endosulfan II [2C]       1       2.0       1       2.0         Endosulfan sulfate [2C]       1       2.0       1       2.0         Endosulfan sulfate [2C]       1       2.0       1       2.0</td>	New York State D.E.C Buffalo, NYProject:NYSDEC - REGSolidLaboratory ID:RSL1135-01File ID:12/28/09 14:30Prepared:01/04/10 19:00Analyzed:81.86Preparation:3550B GCInitial/Final:10A0043Sequence:T000051Calibration:R9K1705COMPOUNDDILUTIONCONC4,4*-DDD [2C]114,4*-DDT [2C]114,4*-DDT [2C]114,4*-DDT [2C]11alpha-BHC [2C]11alpha-BHC [2C]11beta-BHC [2C]11chlordane [2C]11beta-BHC [2C]11Dieldrin [2C]11Dieldrin [2C]11Endosulfan I [2C]11Endrin aldehyde [2C]11Endrin alfate [2C]11gamma-Chlordane [2C]11Indicaline [2C]11Indosulfan I [2C]11Indosulfan I [2C]11Indicaline [2C]11<	New York State D.E.C Buffalo. NY       Project:       NYSDEC - REG/ON 9 REMED/         Solid       Laboratory ID:       RSL1135-01       File ID: $6b52017$ 12/28/09 14:30       Prepared:       01/04/10 19:00       Analyzed:       01/05/10 13:33         81.86       Preparation:       3550B GC       Initial/Final:       30.88 g / 10 ml         10A0043       Sequence:       T000051       Calibration:       R9K1705       Instrument:         COMPOUND        1       2.0       4/4*DDD [2C]       1       2.0         4/4*DDD [2C]       1       2.0       1       2.0         Aldrin [2C]       1       2.0       1       2.0         Aldrin [2C]       1       2.0       1       2.0         alpha-BHC [2C]       1       2.0       1       2.0         chlordane [2C]       1       2.0       1       2.0         chlordane [2C]       1       2.0       1       2.0         Endosulfan II [2C]       1       2.0       1       2.0         Endosulfan sulfate [2C]       1       2.0       1       2.0         Endosulfan sulfate [2C]       1       2.0       1       2.0

60

8081A

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C	C Buffalo, N	IY	Project:	NYSDEC - REC	GION 9 REMEDI	ATION/SPILL
Matrix:	Solid	Laborator	y ID: <u>RSL11</u>	<u>35-03</u>	File ID:	<u>6b52019</u>	
Sampled:	12/30/09 15:00	Prepared:	<u>01/04/1</u>	<u>0 19:00</u>	Analyzed:	01/05/10 14:45	
Solids:	77.53	Preparatio	on: <u>3550B</u>	GC	Initial/Final:	30.46 g / 10 mI	
Batch:			000051	Calibration:	R9K1705	Instrument:	- HP6890-6
CAS NO.	COMPOUND			DILUTION		C. (ug/kg)	Q
72-54-8	4,4'-DDD [2C]			1		2.1	U
72-55-9	4,4'-DDE [2C]			1		2.1	U
50-29-3	4,4'-DDT [2C]			1		2.1	U
309-00-2	Aldrin [2C]			1		2.1	U
319-84-6	alpha-BHC [2C]	*		1		2.1	U
5103-71-9	alpha-Chlordane [2C]	5		1		2.1	U
319-85-7	beta-BHC [2C]			1	2.1		U
57-74-9	Chlordane [2C]			1		21	U
319-86-8	delta-BHC [2C]			1		2.1	U
60-57-1	Dieldrin [2C]			1	C	.67	PNS
959-98-8	Endosulfan I [2C]			1		2.1	U
33213-65-9	Endosulfan II [2C]			1		2.1	U
1031-07-8	Endosulfan sulfate [20	C]		1		2.1	U
72-20-8	Endrin [2C]			1	0	0.78	J
7421-93-4	Endrin aldehyde [2C]			1		2.1	U
53494-70-5	Endrin ketone [2C]			1		2.1	U
58-89-9	gamma-BHC (Lindan	e) [2C]		1		2.1	U
5103-74-2	gamma-Chlordane [20	C]		1	2.1 -	0.60	ЈВР 🔾
76-44-8	Heptachlor [2C]			1		2.1	U
1024-57-3	Heptachlor epoxide [2C]			1		2.1	U
72-43-5	Methoxychlor [2C]			1		2.1	U
8001-35-2	01-35-2 Toxaphene [2C]			1		21	U
SYSTEM MO	EM MONITORING COMPOUND ADDED (ug/kg			CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobip	Decachlorobiphenyl [2C] 8.47			7.76	92	42 - 146	
Tetrachloro-m-	-xylene [2C]		8.47	7.00	83	37 - 136	

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### 8081A

aboratory:	TestAmerica Buffal	<u>o</u>		S	DG:	RSL0991		
Client:	New York State D.H	E.C Buffalo	<u>, NY</u>	P	roject:	NYSDEC - REC	GION 9 REMEDI	ATION/SPIL
Matrix:	Solid	Labora	tory ID: <u>RS</u>	<u>SL113:</u>	5-04	File ID:	<u>6b52020</u>	
Sampled:	12/30/09 15:00	Prepare	ed: <u>01</u>	/04/10	19:00	Analyzed:	01/05/10 15:21	
Solids:	<u>81.42</u>	Prepara	ation: 35	50B G	łC	Initial/Final:	<u>30.27 g / 10 ml</u>	_
Batch:		quence:	T000051			<u>R9K1705</u>	Instrument:	<u>HP6890-6</u>
CAS NO.	COMPOUND		win		DILUTION	CONC. (ug/kg)		Q
72-54-8	4,4'-DDD [2C]				1		2.0	U
72-55-9	4,4'-DDE [2C]				1		2.0	U
50-29-3	4,4'-DDT [2C]				1		1.4	J
309-00-2	Aldrin [2C]				1		2.0	U
319-84-6	alpha-BHC [2C]				1		2.0	U
5103-71-9	alpha-Chlordane [20	C]			1	2.0		U
319-85-7	beta-BHC [2C]				1		2.0	U
57-74-9	Chlordane [2C]				1		20	U
319-86-8	delta-BHC [2C]				1		2.0	U
60-57-1	Dieldrin [2C]				1		2.0	U
959-98-8	Endosulfan I [2C]				1		2.0	U
33213-65-9	Endosulfan II [2C]				1	2.0		U
1031-07-8	Endosulfan sulfate	[2C]			1		2.0	U
72-20-8	Endrin [2C]				1		2.0	U
7421-93-4	Endrin aldehyde [20	C]			11	(	).84	J
53494-70-5	Endrin ketone [2C]				1		2.0	U
58-89-9	gamma-BHC (Lind	ane) [2C]			1		2.0	U
5103-74-2	gamma-Chlordane	2C]			1	2.0 4	).45-	JBP L
76-44-8	Heptachlor [2C]				11	1.000	2.0	U
1024-57-3	Heptachlor epoxide	[2C]			1		2.0	U
72-43-5	Methoxychlor [2C]		0		1		2.0	U
8001-35-2	Toxaphene [2C]				1	_	20	U
SYSTEM MO	ONITORING COMPOUND ADDED (ug/		g/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q	
Decachlorobip	the second s		8.12		7.32	90	42 - 146	
Tetrachloro-m	-xylene [2C]		8.12		6.74	83	37 - 136	L

8081A

aboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C.	- Buffalo, NY	-	Project:	NYSDEC - REC	GION 9 REMEDI	ATION/SPILL
Matrix:	Solid	Laboratory ID:	RTA00	•	File ID:	6b52062	
Sampled:	12/31/09 15:00	Prepared:	01/05/1		Analyzed:	01/07/10 15:36	
							-
Solids:	<u>79.92</u>	Preparation:	<u>3550B</u>	<u>GC</u>	Initial/Final:	<u>30.47 g / 10 ml</u>	<u>_</u>
Batch:	<u>10A0092</u> Sequen	ce: <u>T000083</u>	3	Calibration:	<u>R9K1705</u>	Instrument:	<u>HP6890-6</u>
CAS NO.	COMPOUND			DILUTION	CONC	C. (ug/kg)	Q
72-54-8	4,4'-DDD [2C]			1	2	2.1	U
72-55-9	4,4'-DDE [2C]			1	2	2.1	U
50-29-3	4,4'-DDT [2C]			1		1.7	JP
309-00-2	Aldrin [2C]			1		2.1	U
319-84-6	alpha-BHC [2C]			1		2.1	U
5103-71-9	alpha-Chlordane [2C]			1		2.1	U
319-85-7	beta-BHC [2C]			1		2.1	U
57-74-9	Chlordane [2C]			1		21	U
319-86-8	delta-BHC [2C]			1		2.1	U
60-57-1	Dieldrin [2C]			1		2.1	U
959-98-8	Endosulfan I [2C]			1		2.1	U
33213-65-9	Endosulfan II [2C]			1	-0	).73	JP
1031-07-8	Endosulfan sulfate [2C]			1		2.1	U
72-20-8	Endrin [2C]			1		2.1	U
7421-93-4	Endrin aldehyde [2C]			1		2.1	U
53494-70-5	Endrin ketone [2C]			1		2.1	U
58-89-9	gamma-BHC (Lindane)	[2C]		1		2.1	U
5103-74-2	gamma-Chlordane [2C]			1	-0	).45	JP
76-44-8	Heptachlor [2C]			1		2.1	U
1024-57-3	Heptachlor epoxide [2C]	]		1		2.1	U
72-43-5	Methoxychlor [2C]			1		2.1	U
8001-35-2	Toxaphene [2C]			1		21	U
SYSTEM MO	NITORING COMPOUNE	D ADDEI	) (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobip		8	.21	6.96	85	42 - 146	
Tetrachloro-m	-xylene [2C]	8	.21	6.26	76	37 - 136	

\* Values outside of QC limits

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### 8081A

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991			
Client:	New York State D.E.C.	- Buffalo, NY		Project:	NYSDEC - REC	GION 9 REMEDI	ATION/SPILL	
Matrix:	Solid	Laboratory ID:	<u>RTA00</u>	<u>83-06</u>	File ID:	<u>6b52063</u>		
Sampled:	12/31/09 15:30	Prepared:	01/05/1	0 08:00	Analyzed:	01/07/10 16:22		
Solids:	71.60	Preparation:	3550B	GC	Initial/Final:	<u>30.8 g/10 mL</u>		
Batch:	<u>10A0092</u> Seque	-		Calibration:	R9K1705	Instrument:	HP6890-6	
CAS NO.	COMPOUND		<u></u>	DILUTION		C. (ug/kg)		
							Q	
72-54-8	4,4'-DDD [2C]			1		2.6		
72-55-9	4,4'-DDE [2C]		5	1		2.3	U-5	0
50-29-3	4,4'-DDT			1		3.9		R
309-00-2	Aldrin [2C]			1		2.3	UT	
319-84-6	alpha-BHC [2C]			1		2.3	U	
5103-71-9	alpha-Chlordane [2C]			1		2.3	U	
319-85-7	beta-BHC [2C]			1		2.3	U	
57-74-9	Chlordane [2C]			1		23	U	
319-86-8	delta-BHC [2C]			1		2.3	U V	
60-57-1	Dieldrin [2C]			1		.86		R
959-98-8	Endosulfan I [2C]			1		2.3	U 5	
33213-65-9	Endosulfan II [2C]			1		2.3	U )	
1031-07-8	Endosulfan sulfate [2C]			1		2.3	U 🚽	
72-20-8	Endrin [2C]			1	C	0.83	J	
7421-93-4	Endrin aldehyde [2C]			1		2.3	U-S	
53494-70-5	Endrin ketone [2C]			1		2.3	U	
58-89-9	gamma-BHC (Lindane)	)[2C]		1		2.3	U 🗸	
5103-74-2	gamma-Chlordane [2C]			1		0.73	JP 7	R
76-44-8	Heptachlor [2C]			1		2.3	US	
1024-57-3	Heptachlor epoxide [20	<u></u>		1		2.3	U ,	
72-43-5	Methoxychlor [2C]			1		2.3	U	
8001-35-2	Toxaphene [2C]			1		23	U J	
SYSTEM MO	NITORING COMPOUN	D ADDE	D (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q	
Decachlorobip	achlorobiphenyl [2C] 9.07			2.95	32	42 - 146	*	
Tetrachloro-m	-xylene [2C]	9	9.07	2.76	30	37 - 136	*	

\* Values outside of QC limits

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**BM-CONFIRM-C8-F** 

Form 1 ORGANIC ANALYSIS DATA SHEET

## 8081A

Laboratory:	TestAmerica Buffalo		5	SDG:	RSL0991		
Client:	New York State D.E.C Bu	ffalo, NY	I	Project:	NYSDEC - REC	HON 9 REMEDI	ATION/SPILL
Matrix:	<u>Solid</u> La	boratory ID:	<u>RTA016</u>	<u>66-01</u>	File ID:	<u>5b45144</u>	
Sampled:	01/05/10 15:30 Pre	epared:	01/06/10	<u>) 20:00</u>	Analyzed:	<u>01/08/10 08:45</u>	
Solids:	<u>82.29</u> Pre	eparation:	3550B (	GC	Initial/Final:	<u>30.17 g / 10 ml</u>	
Batch:	<u>10A0233</u> Sequence:	T000085		Calibration:	R10A030	Instrument:	- HP6890-5
CAS NO.	COMPOUND			DILUTION		. (ug/kg)	Q
72-54-8	4,4'-DDD [2C]	the first second		1	2.0		U
72-55-9	4,4'-DDE [2C]			1		2.0	U
50-29-3	,4'-DDT [2C]			1		2.0	U
309-00-2	Aldrin [2C]			1		2.0	U
319-84-6	alpha-BHC [2C]			1		2.0	U
5103-71-9	alpha-Chlordane [2C]			1	2.0		U
319-85-7	beta-BHC [2C]			1		2.0	U
57-74-9	Chlordane [2C]			1		20	U ,
319-86-8	delta-BHC [2C]			1		1.3	J
60-57-1	Dieldrin [2C]			1		2.0	U
959-98-8	Endosulfan I [2C]			1	2.0		U
33213-65-9	Endosulfan II [2C]			1	2.0		U
1031-07-8	Endosulfan sulfate [2C]			1	2.0		Ŭ 🗸
72-20-8	Endrin [2C]			1	2.0 0	.98	ABP US
7421-93-4	Endrin aldehyde [2C]			1		4.1	5
53494-70-5	Endrin ketone [2C]			1		2.0	US
58-89-9	gamma-BHC (Lindane) [2C]			1		2.0	U
5103-74-2	gamma-Chlordane [2C]			1		2.0	U
76-44-8	Heptachlor [2C]			1		2.0	U
1024-57-3	Heptachlor epoxide [2C]			1		2.0	U
72-43-5	Methoxychlor [2C]			1		2.0	U
8001-35-2	Toxaphene [2C]			1		20	U 🗸
SYSTEM MOI	ITORING COMPOUND ADDED (ug/kg			CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobipl				4.83	60	42 - 146	
Tetrachloro-m-	xylene [2C]	8.0	6	2.31	29	37 - 136	*

BM-CONFIRM-C9-F

## 8081A

Laboratory:	TestAmerica Buffalo			SDG:	RTA0227		
Client:	New York State D.E.C.	- Buffalo, NY	:	Project:	NYSDEC - REC	HON 9 REMEDI	ATION/SPILL
Matrix:	<u>Solid</u>	Laboratory ID:	<u>RTA02</u> 2	<u>27-01</u>	File ID:	<u>5a45151</u>	
Sampled:	01/06/10 14:30	Prepared:	01/08/1	0 0 <u>7:00</u>	Analyzed:	01/08/10 13:35	
Solids:	83.07	Preparation:	3550B (	GC	Initial/Final:	30.08 g / 10 mI	
Batch:	<u>10A0306</u> Seque			Calibration:	R10A030	Instrument:	HP6890-5
CAS NO.	COMPOUND	<u></u>	<u>.</u>	DILUTION		2. (ug/kg)	Q
72-54-8	4,4'-DDD				10 Y	2.0	U
72-55-9	4,4'-DDD 4,4'-DDE		-	1		2.0	U
50-29-3	4,4'-DDE 4,4'-DDT			1		2.0	U U
309-00-2	Aldrin			1		2.0	U
319-84-6	alpha-BHC			1		2.0	U
5103-71-9	alpha-Chlordane			1		2.0	U
319-85-7	beta-BHC			1		2.0	U
57-74-9	Chlordane			1		20	U
319-86-8	delta-BHC	the second s		1		1.1	JJ
60-57-1	Dieldrin	3×10		1		1.0	J
959-98-8	Endosulfan I	11.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1		1		2.0	U
33213-65-9	Endosulfan II			1		2.0	U
1031-07-8	Endosulfan sulfate			1		2.0	U
72-20-8	Endrin			1	0	.75	JF
7421-93-4	Endrin aldehyde			1		2.0	Ŭ
53494-70-5	Endrin ketone			1		2.0	U
58-89-9	gamma-BHC (Lindane)			1		2.0	.U
5103-74-2	gamma-Chlordane			1		1.0	J
76-44-8	Heptachlor			1		2.0	U
1024-57-3	Heptachlor epoxide			1		2.0	U
72-43-5	Methoxychlor			1		1.1	JP R
8001-35-2	Toxaphene			1		20	Ŭ
SYSTEM MOI	NITORING COMPOUN	D ADDEI	O (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
	cachlorobiphenyl 8.00			7.56	95	42 - 146	
Tetrachloro-m-	xylene	8.	.00	6.23	78	37 - 136	



## 8081A

Laboratory:	TestAmerica Buffalo		2	SDG:	RTA0227		
Client:	New York State D.E.C.	- Buffalo, NY	- 3	Project:	NYSDEC - REC	ION 9 REMEDI	ATION/SPILL
Matrix:	<u>Solid</u>	Laboratory ID:	<u>RTA022</u>	27-02	File ID:	<u>5a45152</u>	
Sampled:	01/07/10 14:30	Prepared:	<u>01/08/10</u>	0 07:00	Analyzed:	<u>01/08/10 14:11</u>	
Solids:	82.92	Preparation:	3550B (	GC	Initial/Final:	<u>30.44 g / 10 mI</u>	
Batch:	<u>10A0306</u> Sequer	-		Calibration:	R10A030	Instrument:	HP6890-5
CAS NO.	COMPOUND			DILUTION		. (ug/kg)	Q
72-54-8	4,4'-DDD		_	1		2.0	U
72-55-9	4,4'-DDE			1		2.0	U
50-29-3	4,4'-DDE	2		1		2.0	U
309-00-2	Aldrin			1		2.0	U
319-84-6	alpha-BHC	a di seconda		1		2.0	U
5103-71-9	alpha-Chlordane			1		2.0	U
319-85-7	beta-BHC			1		2.0	U
57-74-9	Chlordane	*****		1		20	U
319-86-8	delta-BHC			1		1.1	J
60-57-1	Dieldrin			1		2.0	U
959-98-8	Endosulfan I	41		1		2.0	U
33213-65-9	Endosulfan II			1		2.0	U
1031-07-8	Endosulfan sulfate			1		2.0	U
72-20-8	Endrin			1		2.0	U
7421-93-4	Endrin aldehyde			1		2.0	U
53494-70-5	Endrin ketone			11		2.0	U
58-89-9	gamma-BHC (Lindane)			1		2.0	U
5103-74-2	gamma-Chlordane			1		2.0	U
76-44-8	Heptachlor			1		2.0	U
1024-57-3	Heptachlor epoxide			1		2.0	U
72-43-5	Methoxychlor			1		2.0	U
8001-35-2	Toxaphene			1		20	U
SYSTEM MO	NITORING COMPOUN	D ADDEI	D (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobip	henyl	7	.92	7.66	97	42 - 146	
Tetrachloro-m-	xylene	7	.92	6.35	80	37 - 136	

BM-CONFIRM-C11-F

#### 8081A

Laboratory:	TestAmerica Buffalo		:	SDG:	RTA0227		
Client:	New York State D.E.C	<u>- Buffalo, NY</u>	]	Project:	NYSDEC - REG	ION 9 REMEDI	ATION/SPILL
Matrix:	Solid	Laboratory ID:	<u>RTA03</u>	<u>17-01</u>	File ID:	<u>5a45177</u>	
Sampled:	01/08/10 15:30	Prepared:	01/09/1	0 09:33	Analyzed:	01/11/10 11:51	
Solids:	<u>83.30</u>	Preparation:	<u>3550B (</u>	<u>GC</u>	Initial/Final:	<u>30.59 g / 10 mL</u>	2
Batch:	<u>10A0411</u> Seque	nce: <u>T000122</u>		Calibration:	<u>R10A030</u>	Instrument:	<u>HP6890-5</u>
CAS NO.	COMPOUND			DILUTION	CONC	Q	
72-54-8	4,4'-DDD			1	2	.0	U
72-55-9	4,4'-DDE			1	2	0	U
50-29-3	4,4'-DDT			1	2	0	U
309-00-2	Aldrin			1	2	0	U
319-84-6	alpha-BHC			1	2	2.0	U
5103-71-9	alpha-Chlordane			1	2	2.0	UC
319-85-7	beta-BHC			1	2	2.0	ť
57-74-9	Chlordane			1		20	U
319-86-8	delta-BHC			1	2.0	. <del>.</del>	to V
60-57-1	Dieldrin			1	2.0		U
959-98-8	Endosulfan I			1	2.0		U
33213-65-9	Endosulfan II			1	2	2.0	U
1031-07-8	Endosulfan sulfate			1		2.0	U
72-20-8	Endrin			1		2.0	U
7421-93-4	Endrin aldehyde			1	2	2.0	U
53494-70-5	Endrin ketone			1		2.0	U
58-89-9	gamma-BHC (Lindane	)		1		2.0	U
5103-74-2	gamma-Chlordane	1000		1		2.0	U
76-44-8	Heptachlor			11		2.0	U
1024-57-3	Heptachlor epoxide			1		2.0	U
72-43-5	Methoxychlor			1		2.0	U
8001-35-2			1		20	U	
SYSTEM MON	MONITORING COMPOUND ADDED (ug/kg			CONC (ug/kg)	% REC	QC LIMITS	Q
	ecachlorobiphenyl 7.85			7.01	89	42 - 146	
Tetrachloro-m-	xylene	7	.85	6.16	78	37 - 136	



### 8081A

Laboratory:	TestAmerica Buffalo	S	SDG:	RSL0991		
Client:	New York State D.E.C Buffalo	<u>, NY</u> I	Project:	NYSDEC - REC	GION 9 REMEDI	ATION/SPILL
Matrix:	Solid Labora	tory ID: <u>RSL099</u>	<u>3-01</u>	File ID:	<u>6b52006</u>	
Sampled:	12/23/09 13:30 Prepare	ed: <u>12/28/09</u>	0 16:00	Analyzed:	01/04/10 11:53	
Solids:	64.91 Prepara	ation: 3550B (	GC	Initial/Final:	_	
Batch:	<u>9L28006</u> Sequence:		Calibration:	<b>R9K</b> 1705	Instrument:	- H <u>P6890-6</u>
CAS NO.	COMPOUND		DILUTION		C. (ug/kg)	Q
72-54-8	4,4'-DDD [2C]		100	and the second se	250	
72-55-9	4,4'-DDE [2C]		100	-	250	UD
50-29-3	4,4'-DDT [2C]		100	and the second sec	250	UD
309-00-2	Aldrin [2C]		100		250	UD
319-84-6	alpha-BHC [2C]		100		40	JD
5103-71-9	alpha-Chlordane [2C]		100	2	250	UD
319-85-7	beta-BHC [2C]		100	2	250	UD
57-74-9	Chlordane [2C]		100	2	500	UD
319-86-8	delta-BHC [2C]		100	1	250	UD
60-57-1	Dieldrin [2C]		100		570	PD
959-98-8	Endosulfan I [2C]		100		250	UD
33213-65-9	Endosulfan II [2C]		100		250	UD
1031-07-8	Endosulfan sulfate [2C]		100	1	250	UD
72-20-8	Endrin [2C]		100		250	UD
7421-93-4	Endrin aldehyde [2C]		100		250	UD
53494-70-5	Endrin ketone [2C]		100		250	UD
58-89-9	gamma-BHC (Lindane) [2C]		100	1	250	UD
5103-74-2	gamma-Chlordane [2C]		100	_	180	л
76-44-8	Heptachlor [2C]		100		250	UD
1024-57-3	Heptachlor epoxide [2C]		100		250	UD
72-43-5	Methoxychlor [2C]		100	-	250	UD
8001-35-2	Toxaphene [2C]		100		.500	UD
SYSTEM MO	NITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobip		10.2	0.00		42 - 146	D
Tetrachloro-m-	xylene [2C]	10.2	0.00		37 - 136	D

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#### 8081A

Laboratory:	TestAmerica Buffa	lo		SDG:	RSL0991		
Client:	New York State D.	E.C Buffalo	<u>NY</u>	Project:	NYSDEC - REC	GION 9 REMEDI	ATION/SPILL
Matrix:	Solid	Labora	tory ID: <u>RSL(</u>	<u>1993-02</u>	File ID:	<u>6b52007</u>	
Sampled:	<u>12/23/09 14:00</u>	Prepare	ed: <u>12/28</u>	<u>/09 16:00</u>	Analyzed:	01/04/10 12:29	
Solids:	67.64	Prepara	ation: 3550	BGC	Initial/Final:	<u>30.04 g / 10 mI</u>	<u>_</u>
Batch:		equence:	T000164	Calibration:	R9K1705	Instrument:	HP6890-6
CAS NO.	COMPOUND	<u> </u>		DILUTION	CON	Q	
72-54-8	4,4'-DDD [2C]			40		99	UD
72-55-9	4,4'-DDE [2C]			40		99	UD
50-29-3	4,4'-DDT [2C]			40		160	TPD
309-00-2	Aldrin [2C]			40		99	UD
319-84-6	alpha-BHC [2C]			40		99	UD
5103-71-9	alpha-Chlordane [2	:C]		40		99	UD
319-85-7	beta-BHC [2C]			40	99		UD
57-74-9	Chlordane [2C]			40		990	UD
319-86-8	delta-BHC [2C]			40		99	UD
60-57-1	Dieldrin [2C]			40		99	UD
959-98-8	Endosulfan I [2C]			40		99	UD
33213-65-9	Endosulfan II [2C]			40		99	UD
1031-07-8	Endosulfan sulfate	[2C]		40		99	UD
72-20-8	Endrin [2C]			40		99	UD
7421-93-4	Endrin aldehyde [2	C]		40		99	UD
53494-70-5	Endrin ketone [2C]			40		99	UD
58-89-9	gamma-BHC (Lind	lane) [2C]		40		99	UD
5103-74-2	gamma-Chlordane	[2C]		40		99	UD
76-44-8	Heptachlor [2C]			40		99	UD
1024-57-3	Heptachlor epoxide	e [2C]		40		99	UD
72-43-5	72-43-5 Methoxychlor [2C]			40		99	UD
8001-35-2	8001-35-2 Toxaphene [2C]		40	5	990	UD	
SYSTEM MO	YSTEM MONITORING COMPOUND ADDED (ug/kg			g) CONC (ug/kg)	) % REC	QC LIMITS	Q
Decachlorobip	Decachlorobiphenyl [2C] 9.84			0.00		42 - 146	D
Tetrachloro-m-	-xylene [2C]		9.84	0.00		37 - 136	D

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### 8081A

Laboratory:	<u>TestAmerica Buffalo</u>			SDG:	RSL0991			
Client:	New York State D.E.C	<u> Buffalo, NY</u>		Project:	NYSDEC - REC	GION 9 REMED	ATION/SPILI	L
Matrix:	Solid	Laboratory ID:	<u>RSL099</u>	<u>93-03</u>	File ID:	<u>6b52008</u>		
Sampled:	<u>12/23/09 15:00</u>	Prepared:	12/28/0	<u>9 16:00</u>	Analyzed:	01/04/10 13:05		
Solids:	<u>65.96</u>	Preparation:	3550B (	GC	Initial/Final:	30.23 g / 10 ml		
Batch:	<u>9L28006</u> Seque	*		Calibration:	R9K1705	Instrument:	- HP6890-6	
CAS NO.	COMPOUND		-	DILUTION		C. (ug/kg)	Q	1
72-54-8	4,4'-DDD [2C]	11./// Williams		400		000	UD	1
72-55-9	4,4'-DDE [2C]			400		000	UD	-
50-29-3	4,4'-DDT [2C]			400		000	UD	1
309-00-2	Aldrin [2C]			400	1	000	UD	1
319-84-6	alpha-BHC [2C]			400	1	000	UD	1
5103-71-9	alpha-Chlordane [2C]			400	1	000	UD	1
319-85-7	beta-BHC [2C]		0+1	400	1000		UD	1
57-74-9	Chlordane [2C]			400	10000		UD	1
319-86-8	delta-BHC [2C]			400	1	000	UD	
60-57-1	Dieldrin [2C]			400	1	100	PD	R
959-98-8	Endosulfan I [2C]			400	1	000	UD	1
33213-65-9	Endosulfan II [2C]			400	3200		PD	R
1031-07-8	Endosulfan sulfate [2C	]		400	1	000	UD	1
72-20-8	Endrin [2C]			400	1	1000		
7421-93-4	Endrin aldehyde [2C]			400	1	000	UD	1
53494-70-5	Endrin ketone [2C]			400	1	000	UD	
58-89-9	gamma-BHC (Lindane)	) [2C]		400	1	000	UD	
5103-74-2	gamma-Chlordane [2C			400	1	300	PD	R
76-44-8	Heptachlor [2C]			400	1	000	UD	
1024-57-3	Heptachlor epoxide [2C]			400		990	JPD	R
72-43-5	Methoxychlor [2C]			400	1	000	UD	
8001-35-2	Toxaphene [2C]			400	10	0000	UD	7
SYSTEM MO	NITORING COMPOUND ADDED (ug/kg			CONC (ug/kg)	% REC	QC LIMITS	Q	1
Decachlorobip	hlorobiphenyl [2C] 10.0			0.00		42 - 146	D	1
Tetrachloro-m-	-xylene [2C]	1	0.0	0.00		37 - 136	D	

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### 8081A

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Laboratory:	TestAmerica Buffal	<u>o</u>		SDG:	RSL0991			
Client:	New York State D.I	E.C Buffalo,	NY	Project:	NYSDEC - RE	GION 9 REMEDI	ATION/SPIL	$\mathbf{L}$
Matrix:	Solid	Laborato	ory ID: <u>RS</u>	L1137- <u>01</u>	File ID:	<u>6b52028</u>		
Sampled:	12/29/09 13:30	Prepared	d: 01/	04/10 19:00	Analyzed:	01/06/10 11:07		
Solids:	76.07	Preparat	ion: 355	OB GC	Initial/Final:	<u>30.37 g / 10 m</u>	- L	
Batch:		-	T000140	Calibration:	<b>R9K</b> 1705	Instrument:	HP6890-6	
CAS NO.	COMPOUND	-		DILUTION	CON	C. (ug/kg)		٦
72-54-8	4,4'-DDD [2C]			50		110	UD	
72-55-9	4,4'-DDE [2C]			50		110	UD	
50-29-3	4,4'-DDT [2C]			50		76	JPD	
309-00-2	Aldrin [2C]					110	UD	
319-84-6	alpha-BHC [2C]			50		110	UD	=
5103-71-9	alpha-Chlordane [20			50		110	UD	
319-85-7	beta-BHC [2C]			50		110		
57-74-9	Chlordane [2C]			50		1100	UD	
319-86-8	delta-BHC [2C]			50		110	UD	8
60-57-1	Dieldrin [2C]			50		110	UD	
959-98-8	Endosulfan I [2C]			50	110		UD	
33213-65-9	Endosulfan II [2C]			50		JPD	-	
1031-07-8	Endosulfan sulfate	2C]		50		110	UD	
72-20-8	Endrin [2C]			50		110		
7421-93-4	Endrin aldehyde [20	C]		50		110	UD	
53494-70-5	Endrin ketone [2C]			50		110	UD	
58-89-9	gamma-BHC (Linda	ane) [2C]		50		110	UD	
5103-74-2	gamma-Chlordane [	2C]		50		110	UD	
76-44-8	Heptachlor [2C]			50		110	UD	
1024-57-3	Heptachlor epoxide [2C]			50	110		UD	
72-43-5	Methoxychlor [2C]		50		110	UD		
8001-35-2	2 Toxaphene [2C]		50		1100	UD		
SYSTEM MO	EM MONITORING COMPOUND ADDED (ug/kg)			(kg) CONC (ug/kg	) % REC	QC LIMITS	Q	
Decachlorobip	Decachlorobiphenyl [2C] 8.66			0.00		42 - 146	D	
Tetrachloro-m	-xylene [2C]	211-2	8.66	0.00		37 - 136	D	



#### 8081A

Laboratory:	TestAmerica Buffalo		5	SDG:	RSL0991		
Client:	New York State D.E.C	C Buffalo, NY	]	Project:	NYSDEC - REC	ION 9 REMEDI	ATION/SPILL:
Matrix:	Solid	Laboratory ID	: <u>RSL113</u>	7-02	File ID:	<u>6b52029</u>	
Sampled:	<u>12/30/09 15:30</u>	Prepared:	01/04/10	<u>) 19:00</u>	Analyzed:	01/06/10 11:43	
Solids:	71. <b>28</b>	Preparation:	3550B (	GC	Initial/Final:	<u>30.53 g/10 mI</u>	2
Batch:	<u>10A0043</u> Sequ	ence: <u>T000</u>	140	Calibration:	<u>R9K1705</u>	Instrument:	<u>HP6890-6</u>
CAS NO.	COMPOUND			DILUTION	CONC	Q	
72-54-8	4,4'-DDD [2C]			5000	18	000	SPD
72-55-9	4,4'-DDE [2C]			5000	11	000	ЛD
50-29-3	4,4'-DDT [2C]		1000	5000	45	000	SPD
309-00-2	Aldrin [2C]			5000	12	000	UD
319-84-6	alpha-BHC [2C]			5000	12	000	UD
5103-71-9	alpha-Chlordane [2C]			5000	12	000	UD
319-85-7	beta-BHC [2C]			5000	12000		UD
57-74-9	Chlordane [2C]			5000	12	0000	UD
319-86-8	delta-BHC [2C]			5000	12	2000	UD
60-57-1	Dieldrin [2C]			5000	12000		UD
959-98-8	Endosulfan I [2C]	(#)		5000	12	2000	UD
33213-65-9	Endosulfan II [2C]			5000	12	2000	UD
1031-07-8	Endosulfan sulfate [20	C]		5000	12	2000	UD
72-20-8	Endrin [2C]			5000	7	800	<b>J</b> ∲D
7421-93-4	Endrin aldehyde [2C]			5000	5	100	J <b>P</b> D
53494-70-5	Endrin ketone [2C]			5000	12	2000	UD
58-89-9	gamma-BHC (Lindan	e) [2C]		5000	12	2000	UD
5103-74-2	gamma-Chlordane [2	C]		5000	10	5000	BPD
76-44-8	Heptachlor [2C]			5000	12	2000	UD
1024-57-3	Heptachlor epoxide [2	2C]		5000	12	2000	UD
72-43-5	3-5 Methoxychlor [2C]			5000	12	2000	UD
8001-35-2	35-2 Toxaphene [2C]			5000	12	0000	UD
SYSTEM MO	EM MONITORING COMPOUND ADDED (ug/kg			CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobip	Decachlorobiphenyl [2C] 9.19			0.00		42 - 146	D
Tetrachloro-m-	-xylene [2C]		9.19	0.00		37 - 136	D

### 8081A

Laboratory:	TestAmerica Buffalo				SDG:	RSL0991		
Client:	New York State D.E	.C Buffalo	<u>, NY</u>		Project:	NYSDEC - RE	GION 9 REMED	ATION/SPILI
Matrix:	Solid	Labora	atory ID:	RTA00	83-01	File ID:	<u>6b52058</u>	
Sampled:	12/31/09 13:30	Prepar	ed:	01/05/1	0 08:00	Analyzed:	01/07/10 12:32	
Solids;	74.73	Prepara		3550B (		Initial/Final:	<u>30.96 g / 10 ml</u>	
Batch:		uence:	T000083		Calibration:	<u>R9K1705</u>	Instrument:	≝ HP6890-6
CAS NO.	COMPOUND	dence.	1000005				r	
			_		DILUTION		C. (ug/kg)	Q
72-54-8	4,4'-DDD [2C]	44.4			50		110	UD
72-55-9	4,4'-DDE [2C]				50		110	UD
50-29-3	4,4'-DDT [2C]				50		70	ЛD
309-00-2	Aldrin [2C]				50		110	UD
319-84-6	alpha-BHC [2C]				50		110	UD
5103-71-9	alpha-Chlordane [2C	]			50	110		UD
319-85-7	beta-BHC [2C]				50		110	UD
57-74-9	Chlordane [2C]				50	1	100	UD
319-86-8	delta-BHC [2C]				50		110	UD
60-57-1	Dieldrin [2C]				50	110		UD
959-98-8	Endosulfan I [2C]				50	110		UD
33213-65-9	Endosulfan II [2C]				50		19	ЛD
1031-07-8	Endosulfan sulfate [2	2C]			50		110	UD
72-20-8	Endrin [2C]				50		110	UD
7421-93-4	Endrin aldehyde [2C	]			50		110	UD
53494-70-5	Endrin ketone [2C]				50		110	UD
58-89-9	gamma-BHC (Lindar	ne) [2C]			50		110	UD
5103-74-2	gamma-Chlordane [2	2C]			50		110	UD
76-44-8	Heptachlor [2C]				50		110	UD
1024-57-3	Heptachlor epoxide [	[2C]			50		110	UD
72-43-5				50		110	UD	
8001-35-2				50		100	UD	
SYSTEM MO	MONITORING COMPOUND ADDED (ug/kg		(ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q	
Decachlorobip	henyl [2C]	-	8.6		0.00		42 - 146	D
Tetrachloro-m-			8.6		0.00		37 - 136	D

#### 8081A

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C	2 Buffalo, NY		Project:	NYSDEC - RE	GION 9 REMEDI	ATION/SPILL
Matrix:	<u>Solid</u>	Laboratory ID:	<u>RTA008</u>	<u>83-02</u>	File ID:	<u>6b52059</u>	
Sampled:	<u>12/31/09 13:30</u>	Prepared:	01/05/1	0 08:00	Analyzed:	01/07/10 13:18	
Solids:	81.22	Preparation:	3550B (	GC	Initial/Final:	<u>30.59 g / 10 mI</u>	_
Batch:	10A0092 Sequ	ence: <u>T00008</u>		Calibration:	<u>R9K1705</u>	Instrument:	<u>HP6890-6</u>
CAS NO.	COMPOUND			DILUTION	CON	C. (ug/kg)	Q
72-54-8	4,4'-DDD [2C]			5		10	UD
72-55-9	4,4'-DDE [2C]			5		10	UD
50-29-3	4,4'-DDT [2C]			5		29	SD
309-00-2	Aldrin [2C]			5		10	UD
319-84-6	alpha-BHC [2C]			5		10	UD
5103-71-9	alpha-Chlordane [2C]			5		10	UD
319-85-7	beta-BHC [2C]			5		10	UD
57-74-9	Chlordane [2C]			5		100	UD
319-86-8	delta-BHC [2C]			5		10	UD
60-57-1	Dieldrin [2C]			5		4.8	JPD
959-98-8	Endosulfan I [2C]			5		10	UD
33213-65-9	Endosulfan II [2C]			5		10	D 5
1031-07-8	Endosulfan sulfate [20	2]		5		10	UD
72-20-8	Endrin [2C]			5		4.2	JPD
7421-93-4	Endrin aldehyde [2C]			5		10	UD
53494-70-5	Endrin ketone [2C]			5		10	UD
58-89-9	gamma-BHC (Lindand	e) [2C]		5		10	UD
5103-74-2	gamma-Chlordane [20			5	_	2.5	JPD
76-44-8	Heptachlor [2C]		_	5		10	UD
1024-57-3	Heptachlor epoxide [2C]			5		3.7	JD
72-43-5	Methoxychlor [2C]			5	10		UD
8001-35-2	Toxaphene [2C]			5		100	UD
SYSTEM MO	NITORING COMPOUND ADDED (ug/kg			CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobip	probiphenyl [2C] 8.05			4.83	60	42 - 146	D
Tetrachloro-m	-xylene [2C]	8	3.05	5.80	72	37 - 136	D

\* Values outside of QC limits

### 8081A

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991	÷		
Client:	New York State D.E	. <u>C Buffalo, NY</u>	]	Project:	NYSDEC - RE	GION 9 REMEDI	ATION/SPIL	L
Matrix:	Solid	Laboratory ID:	<u>RTA008</u>	<u>33-03</u>	File ID:	<u>6b52060</u>		
Sampled:	12/31/09 14:00	Prepared:	01/05/10	00:800	Analyzed:			
Solids:	74.34	Preparation:	3550B (	GC	Initial/Final: <u>30.05 g / 10 mI</u>			
Batch:	10A0092 Sec	uence: T0000		Calibration:	R9K1705	Instrument:	HP6890-6	
CAS NO.	COMPOUND			DILUTION	CON	C. (ug/kg)	Q	٦
72-54-8	4,4'-DDD [2C]			50		110	UD	1
72-55-9	4,4'-DDE [2C]			50		110	UD	
50-29-3	4,4'-DDT [2C]			50		810	D	1
309-00-2	Aldrin [2C]			50		110	UD	
319-84-6	alpha-BHC [2C]			50		110	UD	
5103-71-9	alpha-Chlordane [20	;]		50		110	UD	
319-85-7	beta-BHC [2C]			50	110		UD	1
57-74-9	Chlordane [2C]			50	1100		UD	
319-86-8	delta-BHC [2C]			50		110	UD	
60-57-1	Dieldrin [2C]			50	100		JPD	-
959-98-8	Endosulfan I [2C]			50	110		UD	
33213-65-9	Endosulfan II [2C]	o		50	-	730	PD	-
1031-07-8	Endosulfan sulfate [2	2C]		50		110	UD	
72-20-8	Endrin [2C]			50		120	D	
7421-93-4	Endrin aldehyde [2C	]		50		110	UD	
53494-70-5	Endrin ketone [2C]			50		110	UD	
58-89-9	gamma-BHC (Linda	ne) [2C]		50		110	UD	
5103-74-2	gamma-Chlordane [2	2C]		50	-	210	PD	7
76-44-8	Heptachlor [2C]			50		110	UD	
1024-57-3	Heptachlor epoxide [2C]			50		110	UD	
72-43-5	Methoxychlor [2C]			50		110	UD	
8001-35-2	Toxaphene [2C]			50	1	100	UD	
SYSTEM MO	ONITORING COMPOUND ADDED (ug/kg			CONC (ug/kg)	% REC	QC LIMITS	Q	
	Decachlorobiphenyl [2C] 8.95		8.95	0.00		42 - 146	D	
Tetrachloro-m-	-xylene [2C]		8.95	0.00		37 - 136	D	

\* Values outside of QC limits

#### 8081A

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C	C Buffalo, NY		Project:	NYSDEC - RE	GION 9 REMEDI	ATION/SPIL
Matrix:	Solid	Laboratory ID:	RTA00	83-04	File ID:	<u>6b52061</u>	
Sampled:	<u>12/31/09 14:30</u>	Prepared:	01/05/1	0 08:00	Analyzed:	01/07/10 14:50	)
Solids:	74.42	Preparation:	3550B (	GC	Initial/Final: <u>30.22 g / 10 m</u> ]		- [.
Batch:		ence: <u>T00008</u>		Calibration:	R9K1705 Instrument:		- HP6890-6
CAS NO.	COMPOUND		-	DILUTION		C. (ug/kg)	Q
72-54-8	4,4'-DDD [2C]			50		110	UD
72-55-9	4,4'-DDE [2C]			50		110	UD
50-29-3	4,4'-DDE [2C]			50		300	D
309-00-2	Aldrin [2C]			50		110	UD
319-84-6	alpha-BHC [2C]			50		110	UD
5103-71-9	alpha-Chlordane [2C]			50		110	UD
319-85-7	beta-BHC [2C]			50	110		UD
57-74-9	Chlordane [2C]			50		100	UD
319-86-8	delta-BHC [2C]			50		110	UD
60-57-1	Dieldrin [2C]			50		75	JPD
959-98-8	Endosulfan I [2C]			50	41		JPD
33213-65-9	Endosulfan II [2C]			50	- 690		PD
1031-07-8	Endosulfan sulfate [20	2]		50		110	UD
72-20-8	Endrin [2C]			50		160	5 PD
7421-93-4	Endrin aldehyde [2C]			50		110	UD
53494-70-5	Endrin ketone [2C]			50		110	UD
58-89-9	gamma-BHC (Lindan	e) [2C]		50		110	UD
5103-74-2	gamma-Chlordane [20	2]		50		470	PD
76-44-8	Heptachlor [2C]			50		110	UD
1024-57-3	Heptachlor epoxide [2C]			50		110	UD
72-43-5				50		110	UD
8001-35-2	Toxaphene [2C]			50		1100	UD
SYSTEM MO	TEM MONITORING COMPOUND ADDED (ug/kg)		CONC (ug/kg)	% REC	QC LIMITS	Q	
Decachlorobip		8	8.89	0.00		42 - 146	D
Tetrachloro-m-	xylene [2C]	8	8.89	0.00		37 - 136	D

\* Values outside of QC limits

John .

Form Rev: 11/23/09

### 8081A

Laboratory:	TestAmerica Buffalo		9	SDG:	RTA0227		
Client:	New York State D.E.C	Buffalo, NY	1	Project:	NYSDEC - REG	ION 9 REMEDI	ATION/SPILL
Matrix:	Solid	Laboratory ID:	RTA031	9-01	File ID:	<u>5a45178</u>	
Sampled:	01/08/10 16:30	Prepared:	01/09/10	09:33	Analyzed:	<u>01/11/10 12:27</u>	
Solids:	72.34	Preparation:	3550B (	GC	Initial/Final: <u>30.23 g / 10 mL</u>		<u>,</u>
Batch:	<u>10A0411</u> Seque	<u>,</u>		Calibration:	<u>R10A030</u>	Instrument:	HP6890-5
CAS NO.	COMPOUND			DILUTION		. (ug/kg)	Q
72-54-8	4,4'-DDD			100		30	UD
72-55-9	4,4'-DDE			100		80	JPD
50-29-3	4,4'-DDT			100	2:	30	UD
309-00-2	Aldrin			100	2:	30	UD
319-84-6	alpha-BHC			100	2	30	UD
5103-71-9	alpha-Chlordane			100	2	30	UCD
319-85-7	beta-BHC			100	230		UD
57-74-9	Chlordane			100	23	800	UD
319-86-8	delta-BHC			100	2	30	UD
60-57-1	Dieldrin			100	310		<b>≤</b> AD
959-98-8	Endosulfan I			100	230		UD
33213-65-9	Endosulfan II			100	_56		JPD R
1031-07-8	Endosulfan sulfate			100	2	50	<b>SPD</b>
72-20-8	Endrin			100	1	30	JPD
7421-93-4	Endrin aldehyde			100		/2	JPD-R
53494-70-5	Endrin ketone			100	4	90	JPD-R
58-89-9	gamma-BHC (Lindand	2)		100	2	30	UD
5103-74-2	gamma-Chlordane			100	2	30	UD
76-44-8	Heptachlor			100	2	30	UD
1024-57-3	Heptachlor epoxide			100		59	JD
72-43-5	5 Methoxychlor			100	2	30	UD
8001-35-2	2 Toxaphene			100	2:	300	UD
SYSTEM MO	ONITORING COMPOUND ADDED (ug/kg			CONC (ug/kg)	% REC	QC LIMITS	Q
	Decachlorobiphenyl 9.15			0.00		42 - 146	D
Tetrachloro-m-	xylene	9	.15	0.00		37 - 136	D

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8082

Laboratory:	TestAmerica Buffalo				RSL0991		
Client:	New York State D.E.	<u>C Buffalo, NY</u>		Project:	NYSDEC - REC	GION 9 REMEDI	ATION/SPILL
Matrix:	<u>Solid</u>	Laboratory I	D: <u>RSL099</u>	<u>91-01</u>	File ID:	19A108-213	
Sampled:	<u>12/22/09 13:45</u> Prepared: <u>12/28/</u>			<u>9 16:00</u>	Analyzed:	<u>12/29/09 09:49</u>	
Solids:	<u>90.72</u> Preparation: <u>3550B</u>			<u>GC</u>	Initial/Final:	<u>30.27 g / 10 m</u>	<u> </u>
Batch:	<u>9L28007</u> Sequ	ence: <u>RL9</u>	92917	Calibration:	<u>R9K2012</u>	Instrument:	<u>HP5890-19</u>
CAS NO.	COMPOUND				CONC. (ug/kg)		Q
12674-11-2	Aroclor 1016	Aroclor 1016			3	60	UD
11104-28-2	Aroclor 1221			20	3	60	UD
11141-16-5	Aroclor 1232			20	3	60	UD
53469-21-9	Aroclor 1242			20	3	60	UD
12672-29-6	Aroclor 1248			20	2	000	NJPD
11097-69-1	Aroclor 1254			20	3	100	D
11096-82-5	Aroclor 1260			20	4	90	JPD
SYSTEM MO	IITORING COMPOUND ADDED (ug/kg			CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobip	chlorobiphenyl 7.28			0.00		34 - 148	D
Tetrachloro-m-	xylene		7.28	0.00		35 - 134	D

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### BM-CONFIRM-C2-F1

8082

Laboratory:	TestAmerica Buff	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State I	D.E.C Buffa	<u>lo, NY</u>	Project:		NYSDEC - REC	GION 9 REMEDI	ATION/SPILL
Matrix:	Solid	Labor	ratory ID: <u>R</u>	<u>RSL099</u>	1-02	File ID:	<u>19A108-214</u>	
Sampled:	<u>12/23/09 14:30</u> Prepared:		red: <u>1</u>	12/28/09 16:00		Analyzed:	<u>12/29/09 10:03</u>	
Solids:	84.01 Preparation:		3550B (	<u> 3C</u>	Initial/Final:	<u>30.23 g / 10 ml</u>	, 	
Batch:	<u>9L28007</u>	<u>RL92917</u>	(	Calibration:	<u>R9K2012</u>	Instrument:	<u>HP5890-19</u>	
CAS NO.	COMPOUND				DILUTION	CONC	C. (ug/kg)	Q
12674-11-2	Aroclor 1016				1		20	U
11104-28-2	Aroclor 1221				1		20	U
11141-16-5	Aroclor 1232				1	20		U
53469-21-9	Aroclor 1242				1	20		U
12672-29-6	Aroclor 1248			1	1	-	28	P
11097-69-1	Aroclor 1254				1		45	PJ
11096-82-5	Aroclor 1260				1		8.7	JP
SYSTEM MONITORING COMPOUND ADDED (ug			ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q	
Decachlorobip	Decachlorobiphenyl 7.88			3	5.40	69	34 - 148	
Tetrachloro-m	Tetrachloro-m-xylene 7.88				5.16	66	35 - 134	

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## 8082

Laboratory:	TestAmerica Buff	falo		2	SDG:	RSL0991		
Client:	New York State D	D.E.C Buffalc	o, NY	]	Project:	NYSDEC - REG	SDEC - REGION 9 REMEDIATION/S	
Matrix:	<u>Solid</u>	Labora	atory ID:	<u>RSL113</u>	5-02	File ID:	<u>7a104_172</u>	
Sampled:	<u>12/29/09 13:30</u>	Prepar	red:	01/04/10	0 19:00	Analyzed:	<u>01/06/10 08:31</u>	
Solids:	<u>55.96</u>	Prepar	ation:	<u>3550B (</u>	<u>3C</u>	Initial/Final:	<u>30.23 g / 10 ml</u>	_
Batch:	10A0045	Sequence:	<u>T000049</u>		Calibration:	<u>R9K1707</u>	Instrument:	<u>HP6890-7</u>
CAS NO.	COMPOUND				DILUTION	CONC	. (ug/kg)	Q
12674-11-2	Aroclor 1016	Aroclor 1016				3	30	U
11104-28-2	Aroclor 1221				1		30	U
11141-16-5	Aroclor 1232				1	1	30	U
53469-21-9	Aroclor 1242				1	1	30	U
12672-29-6.	Arocior 1248				1	1	30	U
11097-69-1	Aroclor 1254				1		30	U
11096-82-5	Aroclor 1260				1		30	U
SYSTEM MO	MONITORING COMPOUND ADDED (ug/k			(ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobip	Decachlorobiphenyl 11.8				12.1	102	34 - 148	
Tetrachloro-m-	xylene		11.8	8	11.6	98	35 - 134	

### 8082

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991			
Client:	New York State D.E.C	C Buffalo, NY		Project:	NYSDEC - REG	NYSDEC - REGION 9 REMEDIATION/SPIL		
Matrix:	Solid	Laboratory IE	D: <u>RSL113</u>	<u>35-01</u>	File ID:	<u>7A104_171</u>		
Sampled:	12/28/09 14:30	Prepared:	01/04/1	4/10 19:00 Analyzed: 01/06/10 08:		01/06/10 08:12		
Solids:	<u>81.86</u>	Preparation:	3550B	<u>GC</u>	Initial/Final:	<u>30.88 g / 10 ml</u>	<u>L</u>	
Batch:	<u>10A0045</u> Sequ	ence: <u>T000</u>	049	Calibration:	<u>R9K1707</u>	Instrument:	<u>HP6890-7</u>	
CAS NO.	COMPOUND			DILUTION	CONC. (ug/kg)		Q	
12674-11-2	Aroclor 1016			1	1	20	U	
11104-28-2	Aroclor 1221			1		20	U .	
11141-16-5	Aroclor 1232			1	20		U	
53469-21-9	Aroclor 1242			1	20		U	
12672-29-6	Aroclor 1248			1		20	U	
11097-69-1	Aroclor 1254			1	RO -	9.9-	JB U	
11096-82-5	Aroclor 1260			1		20	U	
SYSTEM MO	TEM MONITORING COMPOUND ADDED (ug/kg)			CONC (ug/kg)	% REC	QC LIMITS	Q	
Decachlorobip	Decachlorobiphenyl 7.91			7.72	98	34 - 148		
Tetrachloro-m-	xylene		7.91	7.36	93	35 - 134		

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### 8082

Laboratory:	TestAmerica Buffalo			1	SDG:	RSL0991		
Client:	New York State D.E.C	<u>C Buffalo,</u>	NY	]	Project:	NYSDEC - REG	GION 9 REMEDI	ATION/SPILL
Matrix:	Solid	Laborat	ory ID:	<u>RSL113</u>	5-03	File ID:	7A104_173	
Sampled:	12/30/09 15:00	Prepare	d: 9	01/04/1	<u>0 19:00</u>	Analyzed:	<u>01/06/10 08:49</u>	
Solids:	<u>77.53</u>	Preparat	tion:	<u>3550B (</u>	<u>GC</u>	Initial/Final:	<u>30.46 g / 10 m</u>	L
Batch:	<u>10A0045</u> Sequ	ence:	<u>T000049</u>		Calibration:	<u>R9K1707</u>	Instrument:	<u>HP6890-7</u>
CAS NO.	COMPOUND	COMPOUND				CONC. (ug/kg)		Q
12674-11-2	Aroclor 1016				1		21	U
11104-28-2	Aroclor 1221				1		21	U
11141-16-5	Aroclor 1232				1	21		U
53469-21-9	Aroclor 1242				1		21	U
12672-29-6	Aroclor 1248		(IEX		1		21	U
11097-69-1	Aroclor 1254				1	31	9.4	TB V
11096-82-5	Aroclor 1260				1		5.7	JP
SYSTEM MO	ONITORING COMPOUND ADDED (ug/kg)			(ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobip	Decachlorobiphenyl 8.47				8.08	95	34 - 148	
Tetrachloro-m-	-xylene		8.47	7	8.15	96	35 - 134	1



### 8082

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.	C Buffalo, NY		Project:	NYSDEC - REC	GION 9 REMEDI	ATION/SPILL
Matrix:	Solid	Laboratory ID:	<u>RSL113</u>	35-04	File ID:	<u>7A104_174</u>	
Sampled:	12/30/09 15:00	Prepared:	01/04/1	<u>0 19:00</u>	Analyzed:	<u>01/06/10 09:07</u>	-
Solids:	<u>81.42</u>	Preparation:	3550B	<u>GC</u>	Initial/Final:	<u>30.27 g / 10 m</u>	Ŀ
Batch:	<u>10A0045</u> Sequ	ence: <u>T00004</u>	<u>19</u>	Calibration:	<u>R9K1707</u>	Instrument:	<u>HP6890-7</u>
CAS NO.	COMPOUND			DILUTION	CONC	C. (ug/kg)	Q
12674-11-2	Aroclor 1016			1		20	U
11104-28-2	Aroclor 1221			1		20	U
11141-16-5	Aroclor 1232			1	20		U
53469-21-9	Aroclor 1242			1	20		U
12672-29-6	Aroclor 1248			1		20	U
11097-69-1	Aroclor 1254			1	20 5.0		TB V
11096-82-5	Aroclor 1260			1		20	υ
SYSTEM MO	NITORING COMPOU	ND ADDI	ED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobip	cachlorobiphenyl 8.12				95	34 - 148	
Tetrachloro-m-	-xylene		8.12	7.88	97	35 - 134	



### 8082

Laboratory:	TestAmerica Buf	TestAmerica Buffalo			SDG:	RSL0991			
Client:	New York State 1	D.E.C Buffal	<u>o, NY</u>		Project:	NYSDEC - REC	GION 9 REMEDI	ATION/SPIL	Ľ
Matrix:	<u>Solid</u>	Labor	atory ID:	<u>RTA0082-01</u>		File ID:	<u>7b104_151</u>		
Sampled:	<u>12/31/09 15:00</u> Prepared:		01/04/10 19:00		Analyzed:	01/05/10 11:31			
Solids:	<u>82.92</u> Preparation:		3550B	<u>GC</u>	Initial/Final:	<u>30.83 g / 10 ml</u>	_		
Batch:	<u>10A0045</u> Sequence: <u>T000027</u>				Calibration:	<u>R9K1707</u>	Instrument:	<u>HP6890-7</u>	
CAS NO.	COMPOUND				DILUTION	CONC. (ug/kg)		Q	1
12674-11-2	Aroclor 1016 [2C]				1		20	U	1
11104-28-2	Aroclor 1221 [20	2]			1		20	U	1
11141-16-5	Aroclor 1232 [20	2]			1	20		U	1
53469-21-9	Aroclor 1242 [20	2]			1	20		U	
12672-29-6	Aroclor 1248 [20	2]			1		20	U	
11097-69-1	Aroclor 1254 [20	2]			1		56	B	
11096-82-5	Aroclor 1260 [2C]				1		21	P	R
SYSTEM MO	MONITORING COMPOUND ADDED			(ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q	
Decachlorobip	Decachlorobiphenyl [2C] 7.82			32	7.84	100	34 - 148		
Tetrachloro-m				32	7.93	101	35 - 134		

#### 8082

Laboratory:	TestAmerica I	Buffalo			SDG:	RSL0991			
Client:	New York Sta	te D.E.C Buf	falo, NY		Project:	NYSDEC - REG	C - REGION 9 REMEDIATION/SP		
Matrix:	Solid	Lab	oratory ID:	<u>RTA00</u>	82-02	File ID:	<u>7b104_152</u>		
Sampled:	12/31/09 15:3	0 Pre	pared:	01/04/10 19:00		Analyzed:	01/05/10_11:49		
Solids:	<u>81.13</u>	Рге	paration:	<u>3550B</u>	GC	Initial/Final:	<u>30.22 g / 10 m</u>	Ľ	
Batch:	<u>10A0045</u>	Sequence:	T000027	1	Calibration:	<u>R9K1707</u>	Instrument:	<u>HP6890-7</u>	
CAS NO.	COMPOUND	)			DILUTION	CONC	C. (ug/kg)	Q	
12674-11-2	Aroclor 1016	Aroclor 1016 [2C]					20	U	
11104-28-2	Aroclor 1221	[2C]			1		20	U	
11141-16-5	Aroclor 1232	[2C]			1		20	U	
53469-21-9	Aroclor 1242	[2C]			1		20	U	
12672-29-6	Aroclor 1248	[2C]			1		20	U	
11097-69-1	Aroclor 1254	[2C]			1	20		BU	
11096-82-5	Aroclor 1260 [2C]				1		21	R-S	
SYSTEM MO	IONITORING COMPOUND ADDED (ug/k			) (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q	
Decachlorobip	Decachlorobiphenyl [2C] 8.16			.16	8.22	101	34 - 148		
Tetrachloro-m-	xylene [2C]		8	.16	7.99	98	35 - 134		

John Halls

#### 8082

Laboratory:	TestAmerica	Buffalo			SDG:	RSL0991		
Client:	New York St	ate D.E.C I	Buffalo, NY		Project:	NYSDEC - REG	ION 9 REMEDI	ATION/SPILL
Matrix:	<u>Solid</u>	]	Laboratory I	D: <u>RTA01</u>	<u>66-01</u>	File ID:	<u>19B109-184</u>	
Sampled:	01/05/10 15:3	<u>30</u>	Prepared:	<u>01/06/1</u>	0 20:00	Analyzed:	01/07/10 12:45	
Solids:	<u>82.29</u>	]	Preparation:	<u>3550B</u>	<u>GC</u>	Initial/Final:	<u>30.17 g / 10 ml</u>	
Batch:	<u>10A0234</u>	Sequence	e: <u>T00</u>	00117	Calibration:	<u>R9K2012</u>	Instrument:	<u>HP5890-19</u>
CAS NO.	COMPOUNI	)			DILUTION	CONC	. (ug/kg)	Q
12674-11-2	Aroclor 1016	Aroclor 1016 [2C]				2	20	US
11104-28-2	Aroclor 1221	[2C]			1	2	20	U
11141-16-5	Aroclor 1232	[2C]			1	20		U
53469-21-9	Aroclor 1242	[2C]			1	2	20	U
12672-29-6	Aroclor 1248	[2C]			1	2	20	U
11097-69-1	Aroclor 1254	[2C]			1	2	20	U
11096-82-5	Aroclor 1260	Aroclor 1260 [2C]			11	2	20	υ
SYSTEM MO	ONITORING COMPOUND ADDED (ug/k			DDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobip	Decachlorobiphenyl [2C] 8.06			8.06	6.56	81	34 - 148	
Tetrachloro-m-	xylene [2C]			8.06	2.19	(27)	35 - 134	*

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### 8082

Laboratory:	TestAmerica	Buffalo			SDG:	RTA0227		
Client:	New York Sta	ate D.E.C H	<u>Buffalo, NY</u>		Project:	NYSDEC - REG	SDEC - REGION 9 REMEDIATION/	
Matrix:	<u>Solid</u>	]	Laboratory ID:	<u>RTA02</u>	<u>27-01</u>	File ID:	<u>19B110-010</u>	
Sampled:	<u>01/06/10 14:3</u>	<u>30</u> 1	Prepared:	01/08/1	0.07:00	Analyzed:	01/08/10 13:06	
Solids:	<u>83.07</u>	]	Preparation:	3550B	<u>GC</u>	Initial/Final:	<u>30.08 g / 10 m</u>	<u>L</u>
Batch:	<u>10A0307</u>	Sequence	: <u>T000118</u>		Calibration:	<u>R9K2012</u>	Instrument:	<u>HP5890-19</u>
CAS NO.	COMPOUNI	)			DILUTION	CONC	C. (ug/kg)	Q
12674-11-2	Aroclor 1016	[2C]			1		20	U
11104-28-2	Aroclor 1221	[2C]			1		20	U
11141-16-5	Aroclor 1232	[2C]			1		20	U
53469-21-9	Aroclor 1242	[2C]			1		20	U
12672-29-6	Aroclor 1248	[2C]			1		20	U
11097-69-1	Aroclor 1254	[2C]			1		20	U
11096-82-5	Aroclor 1260	[2C]			1		11	J/P
SYSTEM MO	NITORING COMPOUND ADDED (ug/l			) (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobip	hlorobiphenyl [2C] 8.00			00	8.30	104	34 - 148	
Tetrachloro-m-	-xylene [2C]		8.	00	7.92	99	35 - 134	

#### Form 1

**ORGANIC ANALYSIS DATA SHEET** 

#### 8082

Laboratory:	<u>TestAmerica</u>	Buffalo			SDG:	RTA0227		
Client:	<u>New York St</u>	ate D.E.C B	uffalo, NY		Project:	NYSDEC - RE	GION 9 REMED	ATION/SPILL
Matrix:	<u>Solid</u>	L	aboratory ID:	<u>RTA02</u>	27-02	File ID:	<u>19B110-011</u>	
Sampled:	<u>01/07/10 14:</u>	<u>30</u> P	repared:	<u>01/08/1</u>	<u>0 07:00</u>	Analyzed:	01/08/10 13:21	
Solids:	<u>82.92</u>	Р	reparation:	<u>3550B</u>	<u>GC</u>	Initial/Final:	<u>30.44 g / 10 m</u>	Ĺ
Batch:	<u>10A0307</u>	Sequence:	<u>T000118</u>		Calibration:	<u>R9K2012</u>	Instrument:	HP5890-19
CAS NO.	COMPOUN	D			DILUTION	CONC	C. (ug/kg)	Q
12674-11-2	Aroclor 1016	Aroclor 1016 [2C]					20	U
11104-28-2	Aroclor 1221	[2C]			1		20	U
11141-16-5	Aroclor 1232	2 [2C]			1		20	U
53469-21-9	Aroclor 1242	2 [2C]			1		20	U
12672-29-6	Aroclor 1248	8 [2C]			1		20	U
11097-69-1	Aroclor 1254	[2C]			1		20	U
11096-82-5	Aroclor 1260 [2C]				1		20	U
SYSTEM MOI	NITORING CO	OMPOUND	ADDEL	) (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobip	Decachlorobiphenyl [2C] 7.92			92	8.52	108	34 - 148	
Tetrachloro-m-	xylene [2C]		7.	92	8.10	102	35 - 134	

#### 8082

Laboratory:	TestAmerica I	Buffalo			SDG:	RTA0227		
Client:	New York Sta	te D.E.C Bu	ffalo, NY		Project:	NYSDEC - REG	GION 9 REMEDI	ATION/SPILL
Matrix:	Solid	La	boratory ID:	RTA0317-01		File ID:	<u>19B110-136</u>	
Sampled:	<u>01/08/10 15:3</u>	<u>0</u> Pro	epared:	01/09/10 09:34		Analyzed:	01/12/10 15:24	
Solids:	83.30	Pre	eparation:	3550B	<u>GC</u>	Initial/Final:	<u>30.59 g / 10 m</u> ]	
Batch:	<u>10A0412</u>	Sequence:	<u>T00015</u>	7_	Calibration:	<u>R10A053</u>	Instrument:	HP5890-19
CAS NO.	COMPOUND				DILUTION	CONC. (ug/kg)		Q
12674-11-2	Aroclor 1016	Aroclor 1016 [2C]					20	U
11104-28-2	Aroclor 1221	[2C]			_1		20	U
11141-16-5	Aroclor 1232	[2C]			1	20		U
53469-21-9	Aroclor 1242	[2C]			1		20	U
12672-29-6	Aroclor 1248	[2C]			1		20	U
11097-69-1	Aroclor 1254	[2C]			1		20	U
11096-82-5	Aroclor 1260	Aroclor 1260 [2C]					20	U
SYSTEM MO	YSTEM MONITORING COMPOUND ADDED (ug/			D (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobiphenyl [2C] 7.85			.85	6.77	86	34 - 148		
Tetrachloro-m-	Tetrachloro-m-xylene [2C] 7.85			.85	6.43	82	35 - 134	

\* Values outside of QC limits

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8082

Laboratory:	TestAmerica	Buffalo			SDG:	RTA0227		
Client:	New York St	tate D.E.C B	uffalo, NY		Project:	NYSDEC - REC	GION 9 REMED	ATION/SPILL
Matrix:	<u>Solid</u>	L	aboratory ID:	<u>RTA05</u>	<u>15-01</u>	File ID:	<u>19B111_063</u>	
Sampled:	01/13/10 14:	<u>00</u> P	repared:	01/13/1	0 17:44	Analyzed:	<u>01/14/10 06:47</u>	-
Solids:	<u>81.77</u>	P	reparation:	3550B	<u>GC</u>	Initial/Final:	<u>30.69 g / 10 m</u>	L
Batch:	10A0699	Sequence:	<u>T000214</u>		Calibration:	<u>R10A053</u>	Instrument:	<u>HP5890-19</u>
CAS NO.	COMPOUN	D			DILUTION	CONC	C. (ug/kg)	Q
12674-11-2	Aroclor 1016	6 [2C]			5	1	100	UD
11104-28-2	Aroclor 1221	[2C]			5	1	100	UD
11141-16-5	Aroclor 1232	2 [2C]			5	]	100	UD
53469-21-9	Aroclor 1242	2 [2C]			5	]	100	UD
12672-29-6	Aroclor 1248	8 [2C]			5	1	100	UD
11097-69-1	Aroclor 1254	4 [2C]			5		430	D
11096-82-5	Aroclor 1260 [2C]				5	100		UD
SYSTEM MO	NITORING CO	OMPOUND	ADDEL	) (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobip	henyl [2C]		7.	97	7.98	100	34 - 148	D
Tetrachloro-m-	xylene [2C]		7.	97	6.47	81	35 - 134	D

\* Values outside of QC limits

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### 8082

Laboratory:	<u>TestAmerica</u>	. Buffalo			SDG:	RTA0227		
Client:	New York St	tate D.E.C E	<u>Buffalo, NY</u>		Project:	NYSDEC - REGION 9 REMEDI		ATION/SPILL
Matrix:	Solid	I	Laboratory ID:	<u>RTA0515-02</u>		File ID:	<u>19B111_064</u>	
Sampled:	<u>01/13/10 14:</u>	<u>00</u> I	Prepared:	01/13/10 17:44		Analyzed:	01/14/10 07:02	2
Solids:	<u>82.38</u>	I	Preparation:	<u>3550B</u>	<u>GC</u>	Initial/Final:	<u>30.35 g / 10 m</u> ]	Ĺ
Batch:	<u>10A0699</u>	Sequence	: <u>T000214</u>		Calibration:	<u>R10A053</u>	Instrument:	HP5890-19
CAS NO.	COMPOUN	COMPOUND			DILUTION	CONC. (ug/kg)		Q
12674-11-2	Aroclor 1016 [2C]				20	4	100	UD
11104-28-2	Aroclor 1221	[2C]			20	4	400	UD
11141-16-5	Aroclor 1232	2 [2C]			20	400		UD
53469-21-9	Aroclor 1242	2 [2C]		1	20	400		UD
12672-29-6	Aroclor 1248	3 [2C]			20	4	400	UD
11097-69-1	Aroclor 1254	4 [2C]			20	1600		D
11096-82-5	Aroclor 1260	Aroclor 1260 [2C]			20	4	100	UD
SYSTEM MO	SYSTEM MONITORING COMPOUND ADDED (ug/k			) (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobip	Decachlorobiphenyl [2C] 8.00			00	0.00		34 - 148	D
Tetrachloro-m-	xylene [2C]		8.	00	0.00		35 - 134	D

#### 8082

Laboratory:	TestAmerica Buffalo				SDG:	RSL0991		
Client:	New York State D.E.C	C Buffalo	<u>, NY</u>		Project:	NYSDEC - REC	HON 9 REMEDI	ATION/SPILL
Matrix:	Solid	Labora	atory ID:	<u>RSL099</u>	<u>93-01</u>	File ID:	<u>19A108-215</u>	
Sampled:	12/23/09 13:30	Prepar	Prepared: <u>1</u>		9 16:00	Analyzed:	12/29/09 10:18	
Solids:	<u>64.91</u>	Prepar	ation:	<u>3550B</u>	GC	Initial/Final:	<u>30.34 g / 10 ml</u>	
Batch:	<u>9L28007</u> Sequ	ence:	<u>RL92917</u>		Calibration:	<u>R9K2012</u>	Instrument:	<u>HP5890-19</u>
CAS NO.	COMPOUND				DILUTION	CONC. (ug/kg)		Q
12674-11-2	Aroclor 1016				10	2	50	UD
11104-28-2	Aroclor 1221				10	2	50	UD
11141-16-5	Aroclor 1232				10	250		UD
53469-21-9	Aroclor 1242				10	2	50	UD
12672-29-6	Aroclor 1248				10	4200		<b>∕</b> ∳D
11097-69-1	Aroclor 1254				10	4400		-S.PD
11096-82-5	Aroclor 1260				10	1700		-S.PD
SYSTEM MO	SYSTEM MONITORING COMPOUND ADDED			(ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobip	Decachlorobiphenyl 10.2			0.2	0.00		34 - 148	D
Tetrachloro-m-	xylene		10	.2	0.00		35 - 134	D

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#### 8082

Laboratory:	TestAmerica Buffalo				SDG:	RSL0991		
Client:	New York State D.E.	<u>C Buffalo</u>	<u>, NY</u>		Project:	NYSDEC - REGION 9 REMEDI		ATION/SPILL
Matrix:	Solid	Labora	tory ID:	<u>RSL0993-02</u>		File ID:	<u>19A108-216</u>	
Sampled:	<u>12/23/09 14:00</u>	Prepare	ed:	12/28/0	12/28/09 16:00 Analyzed: <u>12/29/09 1</u>		<u>12/29/09 10:32</u>	
Solids:	<u>67.64</u>	Prepara	ation:	3550B (	<u>GC</u>	Initial/Final:	<u>30.04 g / 10 mI</u>	<u> </u>
Batch:	<u>91.28007</u> Sequ	ience:	<u>RL92917</u>		Calibration:	<u>R9K2012</u>	Instrument:	<u>HP5890-19</u>
CAS NO.	COMPOUND				DILUTION	CONC. (ug/kg)		Q
12674-11-2	Aroclor 1016				1	2	25	U
11104-28-2	Aroclor 1221				1	2	25	U
11141-16-5	Aroclor 1232				1	25		U
53469-21-9	Aroclor 1242				1	2	U	
12672-29-6	Aroclor 1248				1	1	80	#5
11097-69-1	Aroclor 1254				1	330		-5
11096-82-5	Aroclor 1260				1	370		NAS
SYSTEM MO	SYSTEM MONITORING COMPOUND ADDED			(ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobiphenyl 9.84			4	15.9	(162)	34 - 148	*	
			9.84	4	5,99	61	35 - 134	

#### Form 1

### **ORGANIC ANALYSIS DATA SHEET**

### 8082

Laboratory:	TestAmerica Buffalo			1	SDG:	RSL0991		
Client:	New York State D.E.	C Buffalo,	NY	]	Project:	NYSDEC - REGION 9 REMEDIA		ATION/SPILL
Matrix:	Solid	Laborat	ory ID: <u>R</u>	<u>RSL0993-03</u>		File ID:	<u>19A108-217</u>	
Sampled:	12/23/09 15:00	Prepare	Prepared: <u>12/28/(</u>		9 16:00	Analyzed:	<u>12/29/09 10:46</u>	
Solids:	<u>65.96</u>	Preparat	tion: <u>3</u>	550B (	<u>3C</u>	Initial/Final:	<u>30.23 g / 10 mI</u>	<u>.</u>
Batch:	<u>9L28007</u> Sequ	ence:	<u>RL92917</u>		Calibration:	<u>R9K2012</u>	Instrument:	<u>HP5890-19</u>
CAS NO.	COMPOUND				DILUTION	CONC. (ug/kg)		Q
12674-11-2	Aroclor 1016				50	13	100	UD
11104-28-2	Aroclor 1221				50	13	00	UD
11141-16-5	Aroclor 1232				50	1300		UD
53469-21-9	Aroclor 1242				50	1300		UD
12672-29-6	Aroclor 1248				50	13	00	UD
11097-69-1	Aroclor 1254				50	34	000	5 PED
11096-82-5	Aroclor 1260				50	50000		¢D
SYSTEM MO	SYSTEM MONITORING COMPOUND ADDED		ADDED (u	ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobip	ecachlorobiphenyl 10.0				0.00		34 - 148	D
Tetrachloro-m-	etrachloro-m-xylene 10.0				0.00		35 - 134	D

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### Form 1

**BM-CONFIRM-W4** 

## ORGANIC ANALYSIS DATA SHEET

#### 8082

Laboratory:	TestAmerica Buffalo				RSL0991		
Client:	New York State D.E.C	<u> Buffalo, NY</u>		Project:	NYSDEC - REGION 9 REMEDIA		ATION/SPILL
Matrix:	Solid	Laboratory 1	ID: <u>RSL113</u>	<u>87-01</u>	File ID:	<u>7A104_176</u>	
Sampled:	12/29/09 13:30	Prepared:	01/04/1	<u>0 19:00</u>	Analyzed:	<u>01/06/10 09:44</u>	
Solids:	<u>76.07</u>	Preparation:	<u>3550B</u>	GC	Initial/Final:	<u>30.37 g / 10 m</u> ]	
Batch:	<u>10A0045</u> Sequ	ence: <u>TOO</u>	00049	Calibration:	<u>R9K1707</u>	Instrument:	<u>HP6890-7</u>
CAS NO.	COMPOUND			DILUTION	CONC. (ug/kg)		Q
12674-11-2	Aroclor 1016			1		22	U
11104-28-2	Aroclor 1221			1		22	U
11141-16-5	Aroclor 1232			1	22		U
53469-21-9	Aroclor 1242			1	22		U
12672-29-6	Aroclor 1248			1		22	U
11097-69-1	Aroclor 1254			1	65		BP
11096-82-5	Aroclor 1260			1		56	P S
SYSTEM MONITORING COMPOUND ADDED (ug/k			DDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobiphenyl 8.66			8.66	6.38	74	34 - 148	
Tetrachloro-m-xylene 8.66			8.66	5.59	65	35 - 134	

28.313

#### 8082

Laboratory:	TestAmerica Buffalo				RSL0991		
Client:	New York State D.E.C	<u>C Buffalo, NY</u>		Project:	NYSDEC - REC	JION 9 REMEDI	ATION/SPILL
Matrix:	Solid	Laboratory ID:	<u>RSL113</u>	37-02	File ID:	7A104_177	
Sampled:	<u>12/30/09 15:30</u>	0/09 15:30 Prepared: 01/04/		<u>0 19:00</u>	Analyzed:	<u>01/06/10 10:02</u>	
Solids:	<u>71.28</u>	Preparation:	3550B	<u>GC</u>	Initial/Final:	<u>30.53 g / 10 ml</u>	_
Batch:	<u>10A0045</u> Sequ	ence: <u>T00004</u>	9	Calibration:	<u>R9K1707</u>	Instrument:	<u>HP6890-7</u>
CAS NO.	COMPOUND			DILUTION	CONC. (ug/kg)		Q
12674-11-2	Aroclor 1016			1000	23	1000	UD
11104-28-2	Aroclor 1221			1000	23	000	UD
11141-16-5	Aroclor 1232			1000	23000		UD
53469-21-9	Aroclor 1242			1000	23000		UD
12672-29-6	Aroclor 1248			1000	23	3000	UD
11097-69-1	Aroclor 1254			1000	320000		<b>B</b> D
11096-82-5	Aroclor 1260			1000	23	3000	UD
SYSTEM MONITORING COMPOUND ADDED (ug/k			D (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobiphenyl 9.19			9.19	0.00		34 - 148	D
Tetrachloro-m-	Tetrachloro-m-xylene 9.19			0.00		35 - 134	D

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#### 8082

Laboratory:	TestAmerica	Buffalo			SDG:	RSL0991		
Client:	New York St	ate D.E.C Bu	ffalo, NY		Project:	NYSDEC - REC	GION 9 REMEDI	ATION/SPILL
Matrix:	Solid	La	boratory ID:	<u>RTA00</u>	83-01	File ID:	<u>19B109-191</u>	
Sampled:	<u>12/31/09 13:</u>	<u>30</u> Pr	epared:	<u>01/05/1</u>	0.08:00	Analyzed:	01/07/10 14:27	
Solids:	74.73	Pr	eparation:	<u>3550B</u>	<u>GC</u>	Initial/Final:	<u>30.96 g / 10 ml</u>	
Batch:	<u>10A0093</u>	Sequence:	<u>T000078</u>	<u> 8</u>	Calibration:	<u>R9K2012</u>	Instrument:	<u>HP5890-19</u>
CAS NO.	COMPOUND				DILUTION	CONC. (ug/kg)		Q
12674-11-2	Aroclor 1016 [2C]				1		22	U
11104-28-2	Aroclor 1221	[2C]			1		22	U
11141-16-5	Aroclor 1232	2 [2C]			1	22		U
53469-21-9	Aroclor 1242	2 [2C]			11	22		U
12672-29-6	Aroclor 1248	3 [2C]			1		22	U
11097-69-1	Aroclor 1254	4 [2C]			1	22		U
11096-82-5	Aroclor 1260 [2C]				1	120		
SYSTEM MO	SYSTEM MONITORING COMPOUND ADDED (ug/k			D (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobiphenyl [2C] 8.64			.64	8.81	102	34 - 148		
Tetrachloro-m-	xylene [2C]		8	.64	10.0	116	35 - 134	

### 8082

Laboratory:	<u>TestAmerica</u> I	Buffalo			SDG:	RSL0991		
Client:	New York Sta	te D.E.C Buff	<u>alo, NY</u>		Project:	NYSDEC - REGION 9 REMEDIAT		ATION/SPILL
Matrix:	Solid	Lab	oratory ID:	<u>RTA00</u>	<u>83-02</u>	File ID:	<u>19B109-192</u>	
Sampled:	<u>12/31/09 13:3</u>	<u>09 13:30</u> Prepared: <u>01/0</u>		01/05/1	0 08:00	Analyzed:	01/07/10 14:41	
Solids:	<u>81.22</u>	Prej	paration:	3550B	GC	Initial/Final:	<u>30.59 g / 10 mI</u>	<u> </u>
Batch:	<u>10A0093</u>	Sequence:	<u>T000078</u>		Calibration:	<u>R9K2012</u>	Instrument:	<u>HP5890-19</u>
CAS NO.	COMPOUND				DILUTION	CONC. (ug/kg)		Q
12674-11-2	Aroclor 1016 [2C]				1		20	U
11104-28-2	Aroclor 1221	[2C]			1	1	20	U
11141-16-5	Aroclor 1232	[2C]			1	20		U
53469-21-9	Aroclor 1242	[2C]			1	20		U
12672-29-6	Aroclor 1248	[2C]			1	20		U
11097-69-1	Aroclor 1254	[2C]			1	20		U
11096-82-5	Aroclor 1260 [2C]				1	230		
SYSTEM MO	TEM MONITORING COMPOUND ADDED (ug/kg			) (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobip	Decachlorobiphenyl [2C] 8.05			05	6.80	84	34 - 148	
Tetrachloro-m-	xylene [2C]		8.	05	8.31	103	35 - 134	

#### 8082

Laboratory:	TestAmerica	Buffalo			SDG:	RSL0991		
Client:	New York S	tate D.E.C I	Buffalo, NY		Project:	NYSDEC - REGION 9 REMEDIATION		ATION/SPILL
Matrix:	Solid		Laboratory ID:	<u>RTA00</u>	83-03	File ID:	<u>19B109-193</u>	
Sampled:	<u>12/31/09 14:</u>	00	Prepared:	<u>01/05/1</u>	0 08:00	Analyzed:	01/07/10 14:56	
Solids:	74.34		Preparation:	3550B	<u>GC</u>	Initial/Final:	<u>30.05 g / 10 ml</u>	<u> </u>
Batch:	<u>10A0093</u>	Sequence	e: <u>T000078</u>		Calibration:	<u>R9K2012</u>	Instrument:	HP5890-19
CAS NO.	COMPOUND				DILUTION	CONC. (ug/kg)		Q
12674-11-2	Aroclor 1016 [2C]				100	2	200	UD
11104-28-2	Aroclor 122	1 [2C]			100	2	200	UD
11141-16-5	Aroclor 1232	2 [2C]			100	2200		UD
53469-21-9	Aroclor 1242	2 [2C]			100	2200		UD
12672-29-6	Aroclor 124	8 [2C]			100	2	200	UD
11097-69-1	Aroclor 1254	4 [2C]			100	9	800	JPD
11096-82-5	Aroclor 1260 [2C]				100	6	6000	JPD
SYSTEM MO	SYSTEM MONITORING COMPOUND ADDED (ug/k			) (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobiphenyl [2C] 8.95			95	0.00		34 - 148	D	
Tetrachloro-m-xylene [2C] 8.95			8.	95	0.00		35 - 134	D



#### 8082

Laboratory:	TestAmerica	Buffalo			SDG:	RSL0991		
Client:	New York St	ate D.E.C I	<u>Buffalo, NY</u>		Project:	NYSDEC - REC	ION 9 REMEDI	ATION/SPILL
Matrix:	Solid	1	Laboratory ID:	<u>RTA00</u>	<u>83-04</u>	File ID:	<u>19B109-194</u>	
Sampled:	<u>12/31/09 14:</u>	<u>30</u>	Prepared: <u>01/05/</u>		<u>0 08:00</u>	Analyzed:	01/07/10 15:15	
Solids:	74.42	j	Preparation:	<u>3550B</u>	GC	Initial/Final:	<u>30.22 g / 10 mI</u>	2
Batch:	<u>10A0093</u>	Sequence	: <u>T000078</u>		Calibration:	<u>R9K2012</u>	Instrument:	<u>HP5890-19</u>
CAS NO.	COMPOUND				DILUTION	CONC. (ug/kg)		Q
12674-11-2	Aroclor 1016 [2C]				100	22	200	UD
11104-28-2	Aroclor 1221	[2C]			100	22	200	UD
11141-16-5	Aroclor 1232	2 [2C]			100	2200		UD
53469-21-9	Aroclor 1242	2 [2C]			100	22	UD	
12672-29-6	Aroclor 1248	8 [2C]			100	2:	200	UD
11097-69-1	Aroclor 1254	[2C]			100	21	000	<b>P</b> D
11096-82-5	Aroclor 1260 [2C]				100	7:	800	5.PD
SYSTEM MO	NITORING CO	OMPOUND	ADDEL	) (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobiphenyl [2C] 8.89			89	0.00		34 - 148	D	
Tetrachloro-m-	xylene [2C]		8.	89	0.00		35 - 134	D

Strong John

### 8082

Laboratory:	TestAmerica	Buffalo			SDG:	RTA0227		
Client:	New York St	tate D.E.C ]	<u>Buffalo, NY</u>	2 2	Project:	NYSDEC - REC	JON 9 REMEDI	ATION/SPILL
Matrix:	<u>Solid</u>		Laboratory ID:	<u>RTA03</u>	<u>19-01</u>	File ID:	<u>19B110-135</u>	
Sampled:	01/08/10 16:	30	Prepared:	<u>01/09/1</u>	0 09:34	Analyzed:	01/12/10 15:09	
Solids:	<u>72.34</u>		Preparation:	<u>3550B</u>	<u>GC</u>	Initial/Final:	<u>30.23 g / 10 mI</u>	<u>-</u>
Batch:	<u>10A0412</u>	Sequence	e: <u>T0001</u>	57	Calibration:	<u>R10A053</u>	Instrument:	HP5890-19
CAS NO.	COMPOUND				DILUTION	CONC. (ug/kg)		Q
12674-11-2	Aroclor 1016 [2C]				100	2.	300	UD
11104-28-2	Aroclor 122	1 [2C]			100	2	300	UD
11141-16-5	Aroclor 1232	2 [2C]	un com		100	2300		UD
53469-21-9	Aroclor 1242	2 [2C]			100	2300		UD
12672-29-6	Aroclor 124	8 [2C]			100	2	300	UD
11097-69-1	Aroclor 1254	4 [2C]			100	11	000	D
11096-82-5	Aroclor 1260	0 [2C]			100	2	300	UD
SYSTEM MO	SYSTEM MONITORING COMPOUND ADDED (ug/		ED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q	
Decachlorobiphenyl [2C] 9.15			9.15	0.00		34 - 148	D	
Tetrachloro-m-	xylene [2C]			9.15	0.00		35 - 134	D

**BM-CONFIRM-C1-F** 

### 6010B

Laboratory:	TestAmerica Buffalo				SDG:	RSL0991		
Client:	New York State D.E.	C Buffalo, NY	-		Project:	NYSDEC - REG	ION 9 REI	MEDIATION/SPILL
Matrix:	Solid	Laborator	y ID:	<u>RSL0991-01</u>		File ID:	<u>1122809-</u>	-078
Sampled:	12/22/09 13:45	Prep	ared:	<u>12/28/09 11:00</u>	00 Analyzed: <u>12/28/09 21:03</u>			
Solids:	<u>90.72</u>	Prepara	ation:	<u>3050B</u>		Initial/Final:	<u>0.4975 g</u>	/ 50 mL
Batch:	<u>9L23044</u> Seque	ence: <u>RL9</u>	<u>3112</u>	Ca	libration:	<u>R9L3105</u>	Instrum	ent: Trace 1
CAS NO.	Analyte		C	oncentration	Units	Dilution Factor	Q	Method
7440-38-2	Arsenic			7.3	mg/kg	1		6010B
7440-39-3	Barium			90.5	mg/kg	1		6010B
7440-43-9	Cadmium			0.627	mg/kg	1		6010B
7440-47-3	Chromium			22.5	mg/kg	1		6010B
7439-92-1	Lead			41.6	mg/kg	1		6010B
7782-49-2	Selenium			4.4	mg/kg	1	U	6010B
7440-22-4	Silver			0.554	mg/kg	1	U	6010B

BM-CONFIRM-C1-F

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C	Buffalo, NY		Project:	NYSDEC - REG	ION 9 REI	MEDIATION/SPILL
Matrix:	<u>Solid</u>	Laboratory ID:	<u>RSL0991-01</u>		File ID:	<u>H12299S</u>	<u>2-21</u>
Sampled:	12/22/09 13:45	Prepared:	<u>12/29/09 11:4</u>	<u>5</u>	Analyzed:	12/29/09	<u>15:35</u>
Solids:	<u>90.72</u>	Preparation:	<u>7471A</u>		Initial/Final:	<u>0.5851 g</u>	<u>/ 50 mL</u>
Batch:	<u>91.28041</u> Sequence	: <u>RL93012</u>	C	alibration:	<u>R9L3003</u>	Instrum	ent: Leeman 2
CAS NO.	Analyte	с	oncentration	Units	Dilution Factor	Q	Method
7439 <b>-</b> 97-6	Mercury		0.0463	mg/kg	1		7471A

### BM-CONFIRM-C2-F2

# Form 1 INORGANIC ANALYSIS DATA SHEET

Laboratory:	TestAmerica Buffalo				SDG:	RSL0991		
Client:	New York State D.E.C.	New York State D.E.C Buffalo, NY Project: NYSDEC - REG					ION 9 RE	MEDIATION/SPILL
Matrix:	Solid	Laboratory	y ID:	<u>RSL1135-02</u>		File ID:	<u>A010410</u>	-089
Sampled:	<u>12/29/09 13:30</u>	Prepa	ared:	01/04/10 10:35		Analyzed:	<u>01/04/10</u>	<u>19:19</u>
Solids:	<u>55.96</u>	Prepara	tion:	<u>3050B</u>		Initial/Final:	<u>0.5204 g</u>	<u>/ 50 mL</u>
Batch:	10A0030 Sequenc	e: <u>T000</u>	0034	Ca	libration:	<u>R10A010</u>	Instrum	nent: Trace 2
CAS NO.	Analyte		C	oncentration	Units	Dilution Factor	Q	Method
7440-38-2	Arsenic			7.4	mg/kg	1		6010B
7440-39-3	Barium			157	mg/kg	1	5	6010B
7440-47-3	Chromium			32.9	mg/kg	1	B	6010B
7439-92-1	Lead			13.6	mg/kg	1		6010B
7782-49-2	Selenium			6.9	mg/kg	1	Ū.	6010B
7440-22-4	Silver			0.858	mg/kg	1	U	6010B



BM-CONFIRM-C2-F2

## Form 1 INORGANIC ANALYSIS DATA SHEET

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C	Buffalo, NY		Project: NYSDEC - REGION 9 REMEDIATION/S			
Matrix:	Solid	Laboratory ID:	RSL1135-02		File ID:	2010510-0	)19
Sampled:	<u>12/29/09 13:30</u>	Prepared:	01/04/10 10:3:	5	Analyzed:	<u>01/05/10</u>	<u>13:03</u>
Solids:	<u>55.96</u>	Preparation:	<u>3050B</u>		Initial/Final:	<u>0.5204 g/</u>	<u>50 mL</u>
Batch:	10A0030 Sequence	:: <u>T000035</u>	С	alibration:	<u>R10A011</u>	Instrum	ent: Trace 1
CAS NO.	Analyte	с	oncentration	Units	Dilution Factor	Q	Method
7440-43-9	Cadmium		1.72	mg/kg	5	UD	6010B

### **INORGANIC ANALYSIS DATA SHEET**

Laboratory:	TestAmerica Buffalo	TestAmerica Buffalo			SDG: RSL0991			
Client:	New York State D.E.C H		Project: NYSDEC - REGION 9 REMEDIATION/SP					
Matrix:	<u>Solid</u>	Laboratory ID:	RSL1135-02		File ID:	<u>H01050S</u>	<u>2–10</u>	
Sampled:	12/29/09 13:30	Prepared:	<u>01/05/10 16:</u>	<u>00</u>	Analyzed:	01/05/10	17:34	
Solids:	<u>55.96</u>	Preparation:	<u>7471A</u>		Initial/Final:	<u>0.5604 g</u> /	50 mL	
Batch:	10A0056 Sequence:	<u>T000047</u>		Calibration:	<u>R10A012</u>	Instrum	ent: Leeman 2	
CAS NO.	Analyte	С	oncentration	Units	Dilution Factor	Q	Method	
7439-97-6	Mercury		0.0383	mg/kg	1	U	7471A	

BM-CONFIRM-C3-F

## Form 1 INORGANIC ANALYSIS DATA SHEET 6010B

Laboratory:	TestAmerica Buffalo SDG: RSL0991						
Client:	New York State D.E.C Buff		Project:	NYSDEC - REG	ION 9 RE	MEDIATION/SPILL:	
Matrix:	<u>Solid</u> La	D: <u>RSL1135-01</u>		File ID:	<u>A010410</u>	-082	
Sampled:	12/28/09 14:30	Ргераге	d: <u>01/04/10 10:35</u>		Analyzed:	<u>01/04/10</u>	<u>18:41</u>
Solids:	<u>81.86</u>	Preparation	n: <u>3050B</u>		Initial/Final:	<u>0.4598 g</u>	<u>/ 50 mL</u>
Batch:	10A0030 Sequence:	<u>T00003</u>	<u>34</u> Ca	libration:	<u>R10A010</u>	Instrun	nent: Trace 2
CAS NO.	Analyte		Concentration	Units	Dilution Factor	Q	Method
7440-38-2	Arsenic		7.6	mg/kg	1		6010B
7440-39-3	Barium		85.9	mg/kg	1	5	6010B
7440-43-9	Cadmium		0.266	mg/kg	1	U	6010B
7440-47-3	Chromium		18.8	mg/kg	1	SB	6010B
7439-92-1	Lead		11.3	mg/kg	1		6010B
7782-49-2	Selenium		5.3	mg/kg	1	U	6010B
7440-22-4	Silver		0.664	mg/kg	1	U	6010B

Ord John

Form Rev: 11/23/09

#### **BM-CONFIRM-C3-F**

# Form 1 INORGANIC ANALYSIS DATA SHEET

Laboratory:	TestAmerica Buffalo			SDG: RSL0991				
Client:	New York State D.E.C		Project: NYSDEC - REGION 9 REMEDIATION/SP					
Matrix:	Solid	Laboratory	ID: <u>RSL1135-01</u>		File ID:	<u>H01050S</u>	<u>2-6</u>	
Sampled:	12/28/09 14:30	Prepar	red: 01/05/10 16:00		Analyzed:	01/05/10	17:27	
Solids:	81.86	Preparati	ion: <u>7471A</u>		Initial/Final:	<u>0.5706 g</u>	<u>/ 50 mL</u>	
Batch:	10A0056 Sequence	<u>T0000</u>	0 <u>47</u> Cal	libration:	<u>R10A012</u>	Instrum	ent: Leeman 2	
CAS NO.	Analyte		Concentration	Units	Dilution Factor	Q	Method	
7439-97-6	Mercury		0.0257	mg/kg	1	U	7471A	

**BM-CONFIRM-C4-F** 

### Form 1 INORGANIC ANALYSIS DATA SHEET

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		a 51
Client:	New York State D.E.C	Buffalo, NY		Project:	NYSDEC - REG	<u>ION 9 RE</u>	MEDIATION/SPILL
Matrix:	<u>Solid</u>	Laboratory ID:	<u>RSL1135-03</u>		File ID:	<u>A010410</u>	-090
Sampled:	12/30/09 15:00	Prepared	01/04/10 10:35		Analyzed:	<u>01/04/10</u>	<u>19:24</u>
Solids:	77.53	Preparation	<u>3050B</u>		Initial/Final:	<u>0.4655 g</u>	<u>/ 50 mL</u>
Batch:	<u>10A0030</u> Sequence	<u>T000034</u>	Ca	libration:	<u>R10A010</u>	Instrun	nent: Trace 2
CAS NO.	Analyte		Concentration	Units	Dilution Factor	Q	Method
7440-38-2	Arsenic		11.0	mg/kg	1		6010B
7440-39-3	Barium		85.1	mg/kg	1	5	6010B
7440-47-3	Chromium		17.9	mg/kg	1	В	6010B
7439-92-1	Lead		13.7	mg/kg	1		6010B
7782-49-2	Selenium		5.5	mg/kg	1	U	6010B
7440-22-4	Silver		0.693	mg/kg	1	U	6010B

#### 6010B

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C Buffa	llo, NY		Project: 1	NYSDEC - REG	ION 9 REM	EDIATION/SPILL:
Matrix:	Solid Lat	boratory ID:	<u>RSL1135-03</u>		File ID:	2010510-0	020
Sampled:	12/30/09 15:00	Prepared:	01/04/10 10:35		Analyzed:	<u>01/05/10 1</u>	3:08
Solids:	<u>77.53</u>	Preparation:	<u>3050B</u>		Initial/Final:	<u>0.4655 g/</u>	<u>50 mL</u>
Batch:	10A0030 Sequence:	<u>T000035</u>	Ca	libration:	<u>R10A011</u>	Instrum	ent: Trace 1
CAS NO.	Analyte	Co	oncentration	Units	Dilution Factor	Q	Method
7440-43-9	Cadmium		1.39	mg/kg	5	UD	6010B

**BM-CONFIRM-C4-F** 

# Form 1 INORGANIC ANALYSIS DATA SHEET

Laboratory:	TestAmerica Buffalo	TestAmerica Buffalo			RSL0991			
Client:	New York State D.E.C		Project: NYSDEC - REGION 9 REMEDIATION/SI				, 1	
Matrix:	Solid	Laboratory ID:	<u>RSL1135-03</u>		File ID:	H01050S2	2-11	
Sampled:	<u>12/30/09 15:00</u>	Prepared:	01/05/10 16:00	<u>)</u>	Analyzed	01/05/10	<u>17:35</u>	
Solids:	<u>77.53</u>	Preparation:	<u>7471A</u>		Initial/Final:	0.5803 g/	50 mL	
Batch:	10A0056 Sequence	<u>T000047</u>	C	alibration:	<u>R10A012</u>	Instrum	ent: <u>Leeman 2</u>	
CAS NO.	Analyte	C	oncentration	Units	Dilution Factor	Q	Method	
7439-97-6	Mercury	\$5	0.0267	mg/kg	1	U	7471A	

**BM-CONFIRM-C5-F** 

## Form 1 INORGANIC ANALYSIS DATA SHEET

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C I	<u>Buffalo, NY</u>		Project:	NYSDEC - REG	<u>ION 9 REI</u>	MEDIATION/SPILL;
Matrix:	Solid	Laboratory ID	: <u>RSL1135-04</u>		File ID:	A010410	-091
Sampled:	12/30/09 15:00	Prepared	: <u>01/04/10 10:35</u>		Analyzed:	<u>01/04/10</u>	19:29
Solids:	<u>81.42</u>	Preparation	: <u>3050B</u>		Initial/Final:	<u>0.4776 g</u>	<u>/ 50 mL</u>
Batch:	<u>10A0030</u> Sequence:	<u>T000034</u>	<u>I</u> Ca	libration:	<u>R10A010</u>	Instrum	nent: Trace 2
CAS NO.	Analyte		Concentration	Units	Dilution Factor	Q	Method
7440-38-2	Arsenic		9.2	mg/kg	1		6010B
7440-39-3	Barium		98.7	mg/kg	1	5,	6010B
7440-47-3	Chromium		19.2	mg/kg	1	В	6010B
7439-92-1	Lead		12.5	mg/kg	1		6010B
7782-49-2	Selenium		5.1	mg/kg	1	U	6010B
7440-22-4	Silver		0.643	mg/kg	1	υ	6010B

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C B	uffalo, NY		Project:	NYSDEC - REG	ION 9 REM	IEDIATION/SPILL:
Matrix:	Solid	Laboratory ID:	RSL1135-04		File ID:	2010510-0	021
Sampled:	12/30/09 15:00	Prepared:	01/04/10 10:35	i	Analyzed:	01/05/10 1	<u>3:13</u>
Solids:	<u>81.42</u>	Preparation:	3050B		Initial/Final:	<u>0.4776 g/</u>	<u>50 mL</u>
Batch:	10A0030 Sequence:	<u>T000035</u>	C	alibration:	<u>R10A011</u>	Instrume	ent: Trace 1
CAS NO.	Analyte	Co	oncentration	Units	Dilution Factor	Q	Method
7440-43-9	Cadmium		1.29	mg/kg	5	UD	6010B

**BM-CONFIRM-C5-F** 

# Form 1 INORGANIC ANALYSIS DATA SHEET

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C Buffalo, N	<u>Y</u>		Project:	NYSDEC - REG	ION 9 REI	MEDIATION/SPILL
Matrix:	Solid Laborate	ry ID:	RSL1135-04	18	File ID:	<u>H01050S</u>	2-12
Sampled:	<u>12/30/09 15:00</u> Pre	pared:	01/05/10 16:00	<u>)</u>	Analyzed:	<u>01/05/10</u>	<u>17:37</u>
Solids:	81.42 Preparation: 7471A Initial/Final: 0.6222 g / 50 mL					<u>/ 50 mL</u>	
Batch:	<u>10A0056</u> Sequence: <u>T0</u>	00047	C	alibration:	<u>R10A012</u>	Instrum	nent: Leeman 2
CAS NO.	Analyte	C	oncentration	Units	Dilution Factor	Q	Method
7439-97-6	Mercury		0.0237	mg/kg	1	U	7471A

### BM-CONFIRM-C6-F

## Form 1 INORGANIC ANALYSIS DATA SHEET

Laboratory:	TestAmerica Buffalo				SDG:	RSL0991		
Client:	New York State D.E.C E	uffalo, NY		10	Project:	NYSDEC - REG	ION 9 RE	MEDIATION/SPILL;
Matrix:	Solid	Laborator	y ID:	<u>RTA0083-05</u>		File ID:	A010610	-040
Sampled:	12/31/09 15:00	Prepa	ared:	<u>01/06/10 08:00</u>		Analyzed:	01/06/10	13:54
Solids:	<u>79.92</u>	Prepara	tion:	<u>3050B</u>		Initial/Final:	<u>0.5148 g</u>	<u>/ 50 mL</u>
Batch:	<u>10A0131</u> Sequence:	<u>T000</u>	<u>0055</u>	Ca	libration:	<u>R10A017</u>	Instrun	nent: Trace 2
CAS NO.	Analyte		C	oncentration	Units	Dilution Factor	Q	Method
7440-38-2	Arsenic			9.3	mg/kg	1		6010B
7440-39-3	Barium			120	mg/kg	1		6010B
7440-43-9	Cadmium			0.067	mg/kg	1	J	6010B
7440-47-3	Chromium			23.2	mg/kg	1	ß	6010B
7439-92-1	Lead			14.7	mg/kg	1		6010B
7782-49-2	Selenium			4.9	mg/kg	1	U	6010B
7440-22-4	Silver			0.608	mg/kg	1	U	6010B

BM-CONFIRM-C6-F

# INORGANIC ANALYSIS DATA SHEET

7471A

Form 1

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C I	<u>Buffalo, NY</u>		Project:	NYSDEC - REG	ION 9 RE	MEDIATION/SPILL
Matrix:	<u>Solid</u>	Laboratory ID:	<u>RTA0083-05</u>		File ID:	H010505	<u>82-21</u>
Sampled:	12/31/09 15:00	Prepared:	01/05/10 16:00	1	Analyzed:	<u>01/05/10</u>	17:51
Solids:	<u>79.92</u>	Preparation:	7471A_		Initial/Final:	<u>0.6141 g</u>	/ 50 mL
Batch:	<u>10A0056</u> Sequence:	<u>T000047</u>	Ca	alibration:	<u>R10A012</u>	Instrum	nent: Leeman 2
CAS NO.	Analyte	C	oncentration	Units	Dilution Factor	Q	Method
7439-97-6	Mercury		0.0245	mg/kg	1	U	7471A

### **INORGANIC ANALYSIS DATA SHEET**

Laboratory:	TestAmerica Buffalo				SDG:	RSL0991			
Client:	New York State D.E.C ]	Buffalo, NY			Project:	NYSDEC - REG	ION 9 RE	MEDIATION/SPILL:	
Matrix:	Solid	Laborator	y ID:	<u>RTA0083-06</u>	File ID: <u>A010610-041</u>				
Sampled:	12/31/09 15:30	Prepa	ared:	01/06/10 08:00		Analyzed:	<u>01/06/10</u>	13:59	
Solids:	71.60	Ргерага	tion:	<u>3050B</u>		Initial/Final:	<u>0.4988 g</u>	<u>/ 50 mL</u>	
Batch:	10A0131 Sequence:	<u>T000</u>	<u>0055</u>	Ca	libration:	<u>R10A017</u>	Instrun	nent: Trace 2	
CAS NO.	Analyte		C	oncentration	Units	Dilution Factor	Q	Method	
7440-38-2	Arsenic			11.4	mg/kg	1		6010B	
7440-39-3	Barium			133	mg/kg	1		6010B	
7440-43-9	Cadmium			0.101	mg/kg	1	J	6010B	
7440-47-3	Chromium	1		26.6	mg/kg	1	В	6010B	
7439-92-1	Lead			17.4	mg/kg	1		6010B	
7782-49-2	Selenium			5.6	mg/kg	1	U	6010B	
7440-22-4	Silver			0.700	mg/kg	1	U	6010B	

BM-CONFIRM-C7-F

### **INORGANIC ANALYSIS DATA SHEET**

Laboratory:	TestAmerica Buffalo				SDG:	RSL0991			
Client:	New York State D.E.	C Buffalo, NY	-		Project: ]	NYSDEC - REG	ION 9 RE	MEDIATION/SPILL:	ĺ
. Matrix:	Solid	Laborator	y ID:	<u>RTA0083-06</u>		File ID:	H01050S	2-22	
Sampled:	12/31/09 15:30	Prep	ared:	01/05/10 16:00		Analyzed:	01/05/10	<u>17:53</u>	
Solids:	<u>71.60</u>	Prepara	ation:	7471A		Initial/Final:	<u>0.6268 g</u>	/ 50 mL	
Batch:	<u>10A0056</u> Seque	ence: <u>T00</u>	0047	Ca	libration:	R10A012	Instrum	nent: Leeman 2	
CAS NO.	Analyte		C	oncentration	Units	Dilution Factor	Q	Method	
7439-97-6	Mercury			0.0267	mg/kg	1	U	7471A	

Laboratory:	TestAmerica Buffalo		SDG:	RSL0991		÷
Client:	New York State D.E.C Buffalc	<u>, NY</u>	Project:	NYSDEC - REG	ION 9 RE	MEDIATION/SPILL;
Matrix:	Solid Labo	ratory ID: <u>RTA0166-</u>	<u>01</u>	File ID:	<u>1010810</u>	-015
Sampled:	01/05/10 15:30	Prepared: 01/07/10 1	<u>6:30</u>	Analyzed:	01/08/10	10:26
Solids;	<u>82.29</u> Pr	eparation: <u>3050B</u>		Initial/Final:	<u>0.5028 g</u>	/ 50 mL
Batch:	10A0287 Sequence:	<u>T000098</u>	Calibration:	<u>R10A034</u>	Instrun	nent: Trace 1
CAS NO.	Analyte	Concentration	n Units	Dilution Factor	Q	Method
7440-38-2	Arsenic	9.4	mg/kg	1	B	6010B
7440-39-3	Barium	138	mg/kg	1		6010B
7440-43-9	Cadmium	0.277	mg/kg	1		6010B
7440-47-3	Chromium	23.8	mg/kg	1		6010B
7439-92-1	Lead	15.8	mg/kg	1	B	6010B
7782-49-2	Selenium	4.8	mg/kg	1	U	6010B
7440-22-4	Silver	0.604	mg/kg	1	U	6010B

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**BM-CONFIRM-C8-F** 

### **INORGANIC ANALYSIS DATA SHEET**

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C I	<u>Buffalo, NY</u>		Project:	NYSDEC - REG	ION 9 RE	MEDIATION/SPILL
Matrix:	<u>Solid</u>	Laboratory ID:	<u>RTA0166-01</u>		File ID:	<u>H01080S</u>	<u>1-11</u> ·
Sampled:	<u>01/05/10 15:30</u>	Prepared:	01/08/10 11:00		Analyzed:	01/08/10	12:28
Solids:	82.29	Preparation:	7471A_		Initial/Final:	<u>0.5909 g</u>	<u>/ 50 mL</u>
Batch:	<u>10A0268</u> Sequence:	<u>T000084</u>	Ca	libration:	<u>R10A031</u>	Instrun	nent: Leeman 2
CAS NO.	Analyte	C	oncentration	Units	Dilution Factor	Q	Method
7439-97-6	Mercury		0.0247	mg/kg	1	U	7471A

BM-CONFIRM-C9-F

Laboratory:	TestAmerica Buffalo			SDG:	RTA0227		
Client:	New York State D.E.C Bu	<u>iffalo, NY</u>		Project:	NYSDEC - REG	ION 9 RE	MEDIATION/SPILL
Matrix:	Solid	Laboratory ID	: <u>RTA0227-01</u>		File ID:	<u>A010810</u>	-014
Sampled:	01/06/10 14:30	Prepared	: <u>01/08/10 08:30</u>		Analyzed:	01/08/10	11:42
Solids:	<u>83.07</u>	Preparation	: <u>3050B</u>		Initial/Final:	<u>0.4848 g</u>	<u>/ 50 mL</u>
Batch:	10A0341 Sequence:	<u>T000096</u>	<u>5</u> Ca	libration:	<u>R10A032</u>	Instrun	nent: Trace 2
CAS NO.	Analyte		Concentration	Units	Dilution Factor	Q	Method
7440-38-2	Arsenic		7.4	mg/kg	1		6010B
7440-39-3	Barium		157	mg/kg	1	5	6010B
7440-43-9	Cadmium		0.072	mg/kg	1	J	6010B
7440-47-3	Chromium		24.4	mg/kg	ve: 1		6010B
7439-92-1	Lead		11.8	mg/kg	1		6010B
7782-49-2	Selenium		5.0	mg/kg	1	υ	6010B
7440-22-4	Silver		0.621	mg/kg	1	υ	6010B



### 7471A

Laboratory:	TestAmerica Buffalo				SDG: RTA0227				
Client:	New York State D.E.C I	<u>Buffalo, NY</u>		Project:	NYSDEC - REG	ION 9 RE	MEDIATION/SPILL		
Matrix:	<u>Solid</u>	Laboratory	ID: <u>RTA0227-01</u>		File ID:	H010805	<u>81-12</u>		
Sampled:	01/06/10 14:30	Prepar	red: 01/08/10 11:00		Analyzed:	<u>01/08/10</u>	12:29		
Solids:	<u>83.07</u>	Preparati	ion: <u>7471A</u>		Initial/Final:	<u>0.6175 g</u>	<u>/ 50 mL</u>		
Batch:	10A0268 Sequence:	<u>T0000</u>	<u>084</u> Ca	libration:	<u>R10A031</u>	Instrun	nent: Leeman 2		
CAS NO.	Analyte		Concentration	Units	Dilution Factor	Q	Method		
7439-97-6	Mercury		0.0234	mg/kg	1	U	7471A		

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## **INORGANIC ANALYSIS DATA SHEET**

Laboratory:	TestAmerica Buffalo			SDG:	RTA0227		
Client:	New York State D.E.C I	<u>Buffalo, NY</u>		Project:	NYSDEC - REG	ION 9 RE	MEDIATION/SPILL
Matrix:	Solid	Laboratory	ID: <u>RTA0227-02</u>		File ID:	<u>A010810</u>	-019
Sampled:	01/07/10 14:30	Prepar	red: 01/08/10 08:30		Analyzed:	01/08/10	12:08
Solids:	<u>82.92</u>	Preparati	on: <u>3050B</u>		Initial/Final:	<u>0.4972 g</u>	<u>/ 50 mL</u>
Batch:	<u>10A0341</u> Sequence:	<u>T0000</u>	<u>196</u> Ca	libration:	<u>R10A032</u>	Instrun	nent: Trace 2
CAS NO.	Analyte		Concentration	Units	Dilution Factor	Q	Method
7440-38-2	Arsenic		5.4	mg/kg	1		6010B
7440-39-3	Barium		103	mg/kg	1	5	6010B
7440-43-9	Cadmium		0.131	mg/kg	1	J	6010B
7440-47-3	Chromium		20.3	mg/kg	1		6010B
7439-92-1	Lead		9.9	mg/kg	1		6010B
7782-49-2	Selenium		4.9	mg/kg	1	U	6010B
7440-22-4	Silver		0.606	mg/kg	1	U	6010B

## **INORGANIC ANALYSIS DATA SHEET**

Laboratory:	TestAmerica Buffalo		SDG: RTA0227				
Client:	New York State D.E.C	<u>Buffalo, NY</u>		Project:	NYSDEC - REG	ION 9 RE	MEDIATION/SPILL
Matrix:	Solid	Laboratory ID:	<u>RTA0227-02</u>		File ID:	<u>H010805</u>	<u>81-13</u>
Sampled:	<u>01/07/10 14:30</u>	Prepared:	01/08/10 11:00		Analyzed:	<u>01/08/10</u>	12:31
Solids:	<u>82.92</u>	Preparation:	<u>7471A</u>		Initial/Final:	<u>0.5753 g</u>	/ 50 mL
Batch:	10A0268 Sequence	: <u>T000084</u>	Ca	libration:	<u>R10A031</u>	Instrun	nent: <u>Leeman 2</u>
CAS NO.	Analyte	c	Concentration	Units	Dilution Factor	Q	Method
7439-97-6	Mercury		0.0252	mg/kg	1	U	7471A

## **INORGANIC ANALYSIS DATA SHEET**

Laboratory:	<u>TestAmerica</u> I	<u>Buffalo</u>				SDG:	RTA0227		
Client:	New York Sta	te D.E.C Bu	iffalo, NY			Project:	NYSDEC - REG	ION 9 REN	MEDIATION/SPILL
Matrix:	Solid		Laboratory	y ID:	<u>RTA0317-01</u>		File ID:	<u>1011110-</u>	<u>104</u>
Sampled:	01/08/10 15:3	<u>0</u>	Prepa	ared:	01/11/10 10:50		Analyzed:	<u>01/11/10</u>	<u>20:19</u>
Solids:	<u>83.30</u>		Prepara	tion:	<u>3050B</u>		Initial/Final:	<u>0.5004 g</u>	/ <u>50 mL</u>
Batch	<u>10A0438</u>	Sequence:	<u>T000</u>	<u>)123</u>	Ca	libration:	<u>R10A041</u>	Instrum	ent: Trace 1
CAS NO.	Analyte			C	oncentration	Units	Dilution Factor	Q	Method
7440-38-2	Arsenic				8.5	mg/kg	1		6010B
7440-39-3	Barium				110	mg/kg	1	BIS	6010B
7440-47-3	Chromium	- 413 -			21.4	mg/kg	1		6010B
7439-92-1	Lead		_		12.9	mg/kg	1		6010B
7782-49-2	Selenium				4.8	mg/kg	1	U	6010B
7440-22-4	Silver				0.600	mg/kg	1	U	6010B

### **INORGANIC ANALYSIS DATA SHEET**

Laboratory:	TestAmerica Buffalo			SDG: RTA0227			
Client:	New York State D.E.C ]	Buffalo, NY	Project: NYSDEC - REGION 9 REMEDIATION/SPIL				
Matrix:	<u>Solid</u>	Laboratory ID:	<u>RTA0317-01</u>		File ID:	<u>B011110</u>	-130
Sampled:	01/08/10 15:30	Prepared:	<u>01/11/10 10:50</u>		Analyzed:	<u>01/12/10</u>	02:49
Solids:	<u>83.30</u>	Preparation:	<u>3050B</u>		Initial/Final:	<u>0.5004 g</u>	<u>/ 50 mL</u>
Batch:	10A0438 Sequence:	<u>T000125</u>	Ca	libration:	<u>R10A045</u>	Instrun	nent: <u>Trace 2</u>
CAS NO.	Analyte	С	oncentration	Units	Dilution Factor	Q	Method
7440-43-9	Cadmium		1.20	mg/kg	5	UD	6010B

### **INORGANIC ANALYSIS DATA SHEET**

Laboratory:	TestAmerica Buffalo	estAmerica Buffalo			SDG: RTA0227			
Client:	New York State D.E.C H	Buffalo, NY		Project:	NYSDEC - REG	ION_9 RE	MEDIATION/SPILL	
Matrix:	<u>Solid</u>	Laboratory ID:	<u>RTA0317-01</u>	<u>TA0317-01</u> File ID: <u>J01120S1-11</u>				
Sampled:	01/08/10 15:30	Prepared:	01/12/10 10:00	<u>)</u>	Analyzed:	<u>01/12/10</u>	13:48	
Solids:	<u>83.30</u>	30         Preparation:         7471A_         Initial/Final:         0.6492 g / 50 mL					<u>/ 50 mL</u>	
Batch:	10A0397 Sequence:	<u>T000126</u>	С	alibration:	<u>R10A043</u>	Instrun	nent: Leeman 3	
CAS NO.	Analyte	C	oncentration	Units	Dilution Factor	Q	Method	
7439-97-6	Mercury		0.0222	mg/kg	1	U	7471A	

Laboratory:	TestAmerica Buffalo		SDG:	RSL0991		
Client:	New York State D.E.C Buffalo, 1	NY	Project:	NYSDEC - REG	ION 9 RE	MEDIATION/SPILL;
Matrix:	Solid Labora	tory ID: <u>RSL0993-01</u>		File ID:	<u>1122809</u>	-079
Sampled:	<u>12/23/09 13:30</u> Pr	repared: <u>12/28/09 11:00</u>		Analyzed:	12/28/09	21:08
Solids:	<u>64.91</u> Prep	paration: <u>3050B</u>		Initial/Final:	<u>0.4982 g</u>	<u>/ 50 mL</u>
Batch:	<u>9L23044</u> Sequence: <u>R</u>	<u>L93112</u> Ca	libration:	<u>R9L3105</u>	Instrun	nent: <u>Trace 1</u>
CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
7440-38-2	Arsenic	30.9	mg/kg	1		6010B
7440-39-3	Barium	356	mg/kg	1		6010B
7440-43-9	Cadmium	6.17	mg/kg	1		6010B
7440-47-3	Chromium	34.2	mg/kg	1		6010B
7439-92-1	Lead	567	mg/kg	1		6010B
7782-49-2	Selenium	4.6	mg/kg	1	J	6010B
7440-22-4	Silver	0.243	mg/kg	1	J	6010B

### **INORGANIC ANALYSIS DATA SHEET**

Laboratory:	TestAmerica Buffalo		SDG:	RSL0991				
Client:	New York State D.E.C J	Buffalo, NY		Project:	NYSDEC - REG	ION 9 REM	MEDIATION/SPILL	
Matrix:	Solid	Laboratory ID:	<u>RSL0993-01</u>	File ID: <u>H12299S2-32</u>				
Sampled:	12/23/09 13:30	Prepared:	<u>12/29/09 11:4</u>	<u>5</u> ·	Analyzed: <u>12/29/09 15:59</u>			
Solids:	<u>64.91</u>	Preparation: 7471A Initial/Final: 0.5717 g / 50 mL					/ 50 mL	
Batch:	<u>91.28041</u> Sequence:	<u>RL93012</u>	C	alibration:	<u>R9L3003</u>	Instrum	ent: Leeman 2	
CAS NO.	Analyte	C	oncentration	Units	Dilution Factor	Q	Method	
7439-97-6	Mercury		10.4	mg/kg	20	D	7471A	

# Form 1 INORGANIC ANALYSIS DATA SHEET

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C Buffalo,	NY		Project:	NYSDEC - REG	ION 9 RE	MEDIATION/SPILL:
Matrix:	Solid Labor	Solid Laboratory ID: <u>RSL0993</u>				1122809	-080
Sampled:	<u>12/23/09 14:00</u>	Prepared:	<u>12/28/09 11:00</u>		Analyzed:	12/28/09	21:13
Solids:	<u>67.64</u> Pre	paration:	<u>3050B</u>		Initial/Final:	<u>0.535 g /</u>	<u>50 mL</u>
Batch:	9L23044 Sequence:	<u>RL93112</u>	Ca	libration:	<u>R9L3105</u>	Instrun	nent: Trace 1
CAS NO.	Analyte	С	oncentration	Units	Dilution Factor	Q	Method
7440-38-2	Arsenic		14.6	mg/kg	1		6010B
7440-39-3	Barium		142	mg/kg	1		6010B
7440-43-9	Cadmium		0.597	mg/kg	1		6010B
7440-47-3	Chromium		19.7	mg/kg	* 1		6010B
7439-92-1	Lead		288	mg/kg	1		6010B
7782-49-2	Selenium		2.0	mg/kg	1	J	6010B
7440-22-4	Silver		0.691	mg/kg	1	U	6010B

# Form 1 INORGANIC ANALYSIS DATA SHEET

Laboratory:	TestAmerica Buffalo			SDG: RSL0991				
Client:	New York State D.E.C B	uffalo, NY		Project: NYSDEC - REGION 9 REMEDIATION/SP				
Matrix:	Solid	Laboratory ID:	<u>RSL0993-02</u>		File ID: <u>H1229982-23</u>			
Sampled:	12/23/09 14:00	Prepared:	<u>12/29/09 11:4</u>	5	Analyzed:	12/29/09	<u>15:39</u>	
Solids:	<u>67.64</u> Preparation: <u>7471A</u> Initial/Final: <u>0.6105 g / 50 mL</u>					50 mL		
Batch:	<u>9L28041</u> Sequence:	<u>RL93012</u>	C	Calibration:	<u>R9L3003</u>	Instrum	ent: <u>Leeman 2</u>	
CAS NO.	Analyte	C	oncentration	Units	Dilution Factor	Q	Method	
7439-97-6	Mercury		0.249	mg/kg	1		7471A	

### **INORGANIC ANALYSIS DATA SHEET**

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C ]	Buffalo, NY		Project:	NYSDEC - REG	ION 9 RE	MEDIATION/SPILL
Matrix:	<u>Solid</u>	Laboratory I	D: <u>RSL0993-03</u>		File ID:	1122809-	-081
Sampled:	12/23/09 15:00	Ргераге	ed: <u>12/28/09 11:00</u>		Analyzed:	12/28/09	<u>21:18</u>
Solids:	<u>65.96</u>	Preparatio	on: <u>3050B</u>		Initial/Final:	<u>0.4983 g</u>	<u>/ 50 mL</u>
Batch:	9L23044 Sequences	<u>RL931</u>	<u>12</u> Ca	libration:	<u>R9L3105</u>	Instrun	nent: Trace 1
CAS NO.	Analyte		Concentration	Units	Dilution Factor	Q	Method
7440-38-2	Arsenic		48.6	mg/kg	1		6010B
7440-39-3	Barium		217	mg/kg	1		6010B
7440-43-9	Cadmium		1.09	mg/kg	1		6010B
7440-47-3	Chromium		27.4	mg/kg	1		6010B
7439-92-1	Lead		525	mg/kg	1		6010B
7782-49-2	Selenium		7.2	mg/kg	1		6010B
7440-22-4	Silver		0.315	mg/kg	1	J	6010B

## Form 1 INORGANIC ANALYSIS DATA SHEET

Laboratory	TestAmerica Buffalo			SDG:	RSL0991		
Client	New York State D.E.C	<u>Buffalo, NY</u>		Project: NYSDEC - REGION 9 REMEDIATION/S			
Matrix	<u>Solid</u>	Laboratory ID:	<u>RSL0993-03</u>		File ID:	<u>H122998</u>	2-24
Sampled	12/23/09 15:00	Prepared:	<u>12/29/09 11:4</u>	<u>5</u>	Analyzed:	12/29/09	15:40
Solids	<u>65.96</u>	Preparation:	<u>7471A</u>		Initial/Final:	<u>0.6157 g</u>	/ 50 mL
Batch	<u>9L28041</u> Sequence:	<u>RL93012</u>	C	Calibration:	<u>R9L3003</u>	Instrun	nent: Leeman 2
CAS NO.	Analyte	C	oncentration	Units	Dilution Factor	Q	Method
7439-97-6	Mercury		0.302	mg/kg	1		7471A

## Form 1 INORGANIC ANALYSIS DATA SHEET

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C Bu	ffalo, NY		Project:	NYSDEC - REG	ION 9 RE	MEDIATION/SPILL
Matrix:	Solid	Laboratory ID:	<u>RSL1137-01</u>		File ID:	<u>A010410</u>	-092
Sampled:	<u>12/29/09 13:30</u>	Prepared:	01/04/10 10:35		Analyzed:	01/04/10	<u>19:34</u>
Solids:	<u>76.07</u>	Preparation:	<u>3050B</u>		Initial/Final:	<u>0.4897 g</u>	<u>/ 50 mL</u>
Batch:	10A0030 Sequence:	<u>T000034</u>	Ca	libration:	<u>R10A010</u>	Instrun	nent: Trace 2
CAS NO.	Analyte	С	oncentration	Units	Dilution Factor	Q	Method
7440-38-2	Arsenic		20.1	mg/kg	1		6010B
7440-39-3	Barium		547	mg/kg	1	5	6010B
7440-43-9	Cadmium		1.22	mg/kg	1		6010B
7440-47-3	Chromium		66.1	mg/kg	1	В	6010B
7439-92-1	Lead		676	mg/kg	1		6010B
7782-49-2	Selenium		1.3	mg/kg	1	J	6010B
7440-22-4	Silver		0.251	mg/kg	1	J	6010B

Laboratory:	TestAmerica Buffalo	estAmerica Buffalo			SDG: RSL0991				
Client:	New York State D.E.C	<u>Buffalo, NY</u>		Project: N	YSDEC - REG	ION 9 REM	MEDIATION/SPILL		
Matrix:	<u>Solid</u>	Laboratory ID:	RSL1137-01	<u>SL1137-01</u> File ID: <u>H01050S2-13</u>					
Sampled:	12/29/09 13:30	9/09 13:30 Prepared: 01/05/10 16:0				Analyzed: 01/05/10 17:38			
Solids:	<u>76.07</u>	Preparation: 7471A Initial/Final: 0.6181 g / 50 mL					/ 50 mL		
Batch:	10A0056 Sequence:	<u>T000047</u>	(	Calibration: <u>F</u>	<u>10A012</u>	Instrum	ent: Leeman 2		
CAS NO.	Analyte	C	oncentration	Units	Dilution Factor	Q	Method		
7439-97-6	Mercury		0.347	mg/kg	1		7471A		

# Form 1 INORGANIC ANALYSIS DATA SHEET

Laboratory:	TestAmerica Buffalo	TestAmerica Buffalo SDG: RSL0991							
Client:	New York State D.E.C Buffal		Project:	NYSDEC - REG	ION 9 REI	MEDIATION/SPILL:			
Matrix:	Solid Lab	oratory ID:	<u>RSL1137-02</u>		File ID:	<u>A010410</u>	-093		
Sampled:	12/30/09 15:30	<u>01/04/10 10:35</u>		Analyzed:	01/04/10	<u>19:39</u>			
Solids:	<u>71.28</u> P	reparation:	<u>3050B</u>		Initial/Final:	0.4614 g	/ 50 mL		
Batch:	10A0030 Sequence:	T000034	Ca	libration:	<u>R10A010</u>	Instrum	nent: Trace 2		
CAS NO.	Analyte	С	oncentration	Units	Dilution Factor	Q	Method		
7440-38-2	Arsenic		30.0	mg/kg	1		6010B		
7440-39-3	Barium		426	mg/kg	1	3	6010B		
7440-43-9	Cadmium		1.72	mg/kg	1	,	6010B		
7440-47-3	Chromium		218	mg/kg	1	В	6010B		
7439-92-1	Lead		1600	mg/kg	1		6010B		
7782-49-2	Selenium		3.4	mg/kg	1	J	6010B		
7440-22-4	Silver		0.447	mg/kg	1	J	6010B		

## Form 1 INORGANIC ANALYSIS DATA SHEET

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C B	uffalo, NY	Project: NYSDEC - REGION 9 REMEDIATION/S				
Matrix:	Solid	Laboratory ID:	<u>RSL1137-02</u>		File ID:	H01050S	2-14
Sampled:	12/30/09 15:30	Prepared:	01/05/10 16:00	1	Analyzed:	<u>01/05/10</u>	<u>17:40</u>
Solids:	<u>71.28</u>	Preparation:	<u>7471A</u>		Initial/Final:	<u>0.6124 g</u>	<u>50 mL</u>
Batch:	10A0056 Sequence:	<u>T000047</u>	Ca	libration:	<u>R10A012</u>	Instrum	ent: Leeman 2
CAS NO.	Analyte	C	oncentration	Units	Dilution Factor	Q	Method
7439-97-6	Mercury		0.423	mg/kg	1		7471A

## Form 1 INORGANIC ANALYSIS DATA SHEET 6010B

Laboratory:	TestAmerica Buff	estAmerica Buffalo SDG: RSL0991							
Client:	New York State D	D.E.C But	ffalo, NY		Project: NYSDEC - REGION 9 REMEDIATION/SPI				
Matrix:	<u>Solid</u>	I	aboratory II	): <u>RTA0083-01</u>		File ID:	<u>A010610</u>	-030	
Sampled:	<u>12/31/09 13:30</u>		Prepared	l: <u>01/06/10 08:00</u>	<u>)</u>	Analyzed:	<u>01/06/10</u>	13:02	
Solids:	<u>74.73</u>		Preparation: <u>3050B</u> Initial/Final: <u>0.5245 g / 50 mL</u>						
Batch:	<u>10A0131</u> Se	equence:	<u>T00005</u>	<u>5</u> Ca	alibration:	<u>R10A017</u>	Instrum	nent: Trace 2	
CAS NO.	Analyte			Concentration	Units	Dilution Factor	Q	Method	
7440-38-2	Arsenic			23.2	mg/kg	1		6010B	
7440-43-9	Cadmium			2.61	mg/kg	1		6010B	
7440-47-3	Chromium			16.1	mg/kg	1	В	6010B	
7439-92-1	Lead			747	mg/kg	1		6010B	
7782-49-2	Selenium	99-04		1.4	mg/kg	1	J	6010B	
7440-22-4	Silver			0.267	mg/kg	1	J	6010B	

#### **BM-CONFIRM-W6**

# Form 1 INORGANIC ANALYSIS DATA SHEET

	Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
	Client:	New York State D.E.C	<u>Buffalo, NY</u>		Project: ]	NYSDEC - REG	ION 9 REI	MEDIATION/SPILL
	Matrix:	Solid	Laboratory ID:	RTA0083-01		File ID:	1010610-	069
	Sampled:	12/31/09 13:30	Prepared:	01/06/10 08:00	1	Analyzed:	01/06/10	16:45
	Solids:	<u>74.73</u>	Preparation:	<u>3050B</u>		Initial/Final:	<u>0.5245 g</u>	<u>/ 50 mL</u>
	Batch:	10A0131 Sequence	<u>T000056</u>	Ca	alibration:	<u>R10A018</u>	Instrum	nent: Trace 1
	CAS NO.	Analyte	C	Concentration	Units	Dilution Factor	Q	Method
7	7440-39-3	Barium		2310	mg/kg	5	D	6010B

### **INORGANIC ANALYSIS DATA SHEET**

7471A

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C Buffalo	NY		Project:	NYSDEC - REG	ION 9 REI	MEDIATION/SPILL
Matrix:	Solid Labor	atory ID:	RTA0083-01		File ID:	H01050S	2-15
Sampled:	<u>12/31/09 13:30</u>	Prepared:	01/05/10 16:00		Analyzed:	01/05/10	17:42
Solids:	<u>74.73</u> Pro	paration:	<u>7471A_</u>		Initial/Final:	<u>0.6137 g</u>	/ 50 mL
Batch:	10A0056 Sequence:	<u> 1000047</u>	Ca	libration:	<u>R10A012</u>	Instrum	ent: Leeman 2
CAS NO.	Analyte	С	oncentration	Units	Dilution Factor	Q	Method
7439-97-6	Mercury		0.468	mg/kg	1	<u>م</u>	7471A

**BM-CONFIRM-W7** 

# Form 1 INORGANIC ANALYSIS DATA SHEET

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		-
Client:	New York State D.E.C Bu	<u>uffalo, NY</u>		Project:	NYSDEC - REG	ION 9 REI	MEDIATION/SPILL;
Matrix:	<u>Solid</u>	Laboratory ID:	<u>RTA0083-02</u>		File ID:	A010610	-037
Sampled:	<u>12/31/09 13:30</u>	Prepared:	<u>01/06/10 08:00</u>		Analyzed:	01/06/10	13:40
Solids:	<u>81.22</u>	Preparation:	<u>3050B</u>		Initial/Final:	<u>0.4934 g</u>	<u>/ 50 mL</u>
Batch:	10A0131 Sequence:	<u>T000055</u>	Ca	libration:	<u>R10A017</u>	Instrum	ent: Trace 2
CAS NO.	Analyte		Concentration	Units	Dilution Factor	Q	Method
7440-38-2	Arsenic		24.0	mg/kg	1	m	6010B
7440-39-3	Barium		385	mg/kg	1		6010B
7440-43-9	Cadmium		2.80	mg/kg	1		6010B
7440-47-3	Chromium		25.0	mg/kg	1	В	6010B
7439-92-1	Lead		1380	mg/kg	1		6010B
7782-49-2	Selenium		1.5	mg/kg	1	J	6010B
7440-22-4	Silver		0.379	mg/kg	1	J	6010B

#### 7471A

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C	Buffalo, NY		Project:	NYSDEC - REG	ION 9 REI	MEDIATION/SPILL:
Matrix:	Solid	Laboratory ID:	RTA0083-02		File ID:	<u>H01050S</u>	<u>2-29</u>
Sampled:	12/31/09 13:30	Prepared:	01/05/10 16:00	<u>)</u>	Analyzed:	01/05/10	<u>18:02</u>
Solids:	81.22	Preparation:	<u>7471A</u>		Initial/Final:	0.5708 g	<u>/ 50 mL</u>
Batch:	10A0056 Sequence	: <u>T000047</u>	Ca	alibration:	<u>R10A012</u>	Instrum	ent: Leeman 2
CAS NO.	Analyte	с	oncentration	Units	Dilution Factor	Q	Method
7439-97-6	Mercury		2.06	mg/kg	10	D	7471A

### **INORGANIC ANALYSIS DATA SHEET**

Laboratory:	TestAmerica Buffalo				SDG:	RSL0991		
Client:	New York State D.E.C	Buffalo, NY			Project:	NYSDEC - REG	ION 9 RE	MEDIATION/SPILL;
Matrix:	Solid	Laboratory	D:	<u>RTA0083-03</u>		File ID:	<u>A010610</u>	-038
Sampled:	<u>12/31/09 14:00</u>	Prepa	red:	01/06/10 08:00		Analyzed:	01/06/10	13:44
Solids:	<u>74.34</u>	Preparat	tion:	<u>3050B</u>		Initial/Final:	<u>0.5352 g</u>	<u>/ 50 mL</u>
Batch:	10A0131 Sequence:	<u>T000</u>	055	Ca	libration:	<u>R10A017</u>	Instrun	nent: Trace 2
CAS NO.	Analyte		Co	oncentration	Units	Dilution Factor	Q	Method
7440-38-2	Arsenic			19.6	mg/kg	1		6010B
7440-39-3	Barium			270	mg/kg	1		6010B
7440-43-9	Cadmium			2.40	mg/kg	1		6010B
7440-47-3	Chromium			20.8	mg/kg	1	В	6010B
7439-92-1	Lead			914	mg/kg	1		6010B
7782-49-2	Selenium			2.8	mg/kg	1	J	6010B
7440-22-4	Silver			1.34	mg/kg	1		6010B

**BM-CONFIRM-W8** 

### **INORGANIC ANALYSIS DATA SHEET**

7471A

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
1973099407710000099999710 1970-00	New York State D.E.C I	<u>Buffalo, NY</u>		Project:	NYSDEC - REG	ION 9 REN	MEDIATION/SPILL;
Matrix:	Solid	Laboratory ID:	RTA0083-03	-	File ID:	<u>H01050S</u>	2-19
Sampled:	12/31/09 14:00	Prepared:	<u>01/05/10 16:0</u>	00	Analyzed:	01/05/10	<u>17:48</u>
Solids:	<u>74.34</u>	Preparation:	<u>7471A</u>		Initial/Final:	0.5738 g/	<u>/ 50 mL</u>
Batch:	10A0056 Sequence:	<u>T000047</u>	(	Calibration:	<u>R10A012</u>	Instrum	ent: Leeman 2
CAS NO.	Analyte	C	oncentration	Units	Dilution Factor	Q	Method
7439-97-6	Mercury		0.390	mg/kg	1	_	7471A

#### **BM-CONFIRM-W9**

# Form 1 INORGANIC ANALYSIS DATA SHEET

	Laboratory:	TestAmerica Buffalo				SDG:	RSL0991		
la s	Client:	New York State D.E.C	Buffalo, NY			Project:	NYSDEC - REG	ION 9 RE	MEDIATION/SPILL:
	Matrix:	Solid	Laborator	ID:	<u>RTA0083-04</u>		File ID:	A010610	-039
	Sampled:	12/31/09 14:30	Prepa	ared:	01/06/10 08:00		Analyzed:	01/06/10	13:49
	Solids:	<u>74.42</u>	Prepara	tion:	<u>3050B</u>		Initial/Final:	<u>0.5073 g</u>	<u>/ 50 mL</u>
	Batch:	10A0131 Sequence	: <u>T000</u>	0055	Ca	libration:	<u>R10A017</u>	Instrum	ent: Trace 2
	CAS NO.	Analyte		C	oncentration	Units	Dilution Factor	Q	Method
	7440-38-2	Arsenic			24.7	mg/kg	1		6010B
·	7440-39-3	Barium			241	mg/kg	1		6010B
·	7440-43-9	Cadmium			1.79	mg/kg	1		6010B
	7440-47-3	Chromium			314	mg/kg	1	В	6010B
	7439-92-1	Lead			487	mg/kg	1		6010B
	7782-49-2	Selenium			4.4	mg/kg	1	J	6010B
	7440-22-4	Silver			0.286	mg/kg	1	J	6010B

**BM-CONFIRM-W9** 

7471A

Laboratory:	TestAmerica Buffalo		SDG:	RSL0991		
Client:	New York State D.E.C Buffalo, NY	-	Project: ]	NYSDEC - REG	ION 9 RE	MEDIATION/SPILL:
Matrix:	Solid Laborator	y ID: <u>RTA0083-04</u>		File ID:	<u>H01050S</u>	2-20
Sampled:	<u>12/31/09 14:30</u> Prep	oared: 01/05/10 16:00		Analyzed:	01/05/10	17:50
Solids:	74.42 Prepara	ation: <u>7471A</u>		Initial/Final:	<u>0.5965 g</u>	<u>/ 50 mL</u>
Batch:	<u>10A0056</u> Sequence: <u>T00</u>	<u>0047</u> Ca	libration:	<u>R10A012</u>	Instrun	nent: Leeman 2
CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
7439-97-6	Mercury	0.517	mg/kg	1		7471A

BM-CONFIRM-W10

# Form 1 INORGANIC ANALYSIS DATA SHEET

Laboratory:	TestAmerica Buffalo			SDG:	RTA0227		2
Client:	New York State D.E.C	Buffalo, NY		Project:	NYSDEC - REG	ION 9 RE	MEDIATION/SPILL
Matrix:	<u>Solid</u>	Laboratory	ID: <u>RTA03</u>	<u>319-01</u>	File ID:	<u>1011110</u>	<u>-105</u>
Sampled:	01/08/10 16:30	Prepa	red: <u>01/11/</u>	<u>10 10:50</u>	Analyzed:	<u>01/11/10</u>	20:25
Solids:	<u>72.34</u>	Preparat	ion: <u>3050B</u>		Initial/Final:	<u>0.4999 g</u>	<u>/ 50 mL</u>
Batch:	10A0438 Sequence	: <u>T000</u>	<u>123</u>	Calibration:	<u>R10A041</u>	Instrum	nent: Trace 1
CAS NO.	Analyte		Concentra	ation Units	Dilution Factor	Q	Method
7440-38-2	Arsenic		20.8	mg/kg	1		6010B
7440-39-3	Barium		155	mg/kg	1	BJ	6010B
7440-43-9	Cadmium		0.585	i mg/kg	1		6010B
7440-47-3	Chromium		10.0	mg/kg	1		6010B
7439-92-1	Lead		642	mg/kg	1		6010B
7782-49-2	Selenium		3.2	mg/kg	1	J	6010B
7440-22-4	Silver		0.299	mg/kg	1	J	6010B

**BM-CONFIRM-W10** 

# 7471A

Laboratory:	TestAmerica Buffalo			SDG:	RTA0227		
Client:	New York State D.E.C	Buffalo, NY		Project:	NYSDEC - REG	ION 9 RE	MEDIATION/SPILL
Matrix:	Solid	Laboratory ID:	<u>RTA0319-01</u>		File ID:	J01120S1	<u>I-12</u>
Sampled:	01/08/10 16:30	Prepared:	01/12/10 10:00	<u>0</u>	Analyzed:	01/12/10	13:50
Solids:	<u>72.34</u>	Preparation:	<u>7471A</u>		Initial/Final:	<u>0.603 g/</u>	<u>50 mL</u>
Batch:	10A0397 Sequence:	<u>T000126</u>	С	alibration:	<u>R10A043</u>	Instrum	nent: Leeman 3
CAS NO.	Analyte	С	oncentration	Units	Dilution Factor	Q	Method
7439-97-6	Mercury		0.159	mg/kg	1		7471A

# ATTACHMENT B

# SUPPORT DOCUMENTATION

Í	
	Record
of	
Chain	Custody



STL-4124 (0901)					
olient NYSDEC	Project	ELRENI	E MELNY	1212/09	Chain of Duspoot Number
Address MICHNYALI AR	Telepho	TIL - 95	)/Fax Number 1-7720	Lab Number	Page of I
City Carpenan State Zip Code NN 14203		Site Contact	Lab Contact	Analysis (Attach list if more space is needed) 5 ft	005
(State) - 91511		r/Waybill Number	57612 <b>V</b> V	570	Special Instructions/
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mable CSkin Irritant	Poison B Unknown	2	Disposal By Lab	Months	(A fee may be assessed if samples are relained longer than 1 month)
ie Required 7 Davs 14 Da	Q Q	ther	OC Requirements (Specify)	U	
e Melayle		(23/09 16:15	1. Reparend by Salar	Stymen &	12/22/00 Time
	124	etloyog36	2. RéconvedB		12/24/04 Time
3. Minquished By	Dale	Time	3. Received By	E	Dete Time 10
Comments				(440)	
DISTRIBUTION: WHITE . Returned to Client with Report; CANARY - Slays with the Sample; PINK - Field Copy	RY - Stays with the San	nple; PINK - Field Copy			

Chain of Custody Record						Set 1	SEVERN STL TRENT STL Severn Trent Laboratories, Inc.	T T I	<b>ST</b>		is, Inc		$\smile$	(
STL-4124 (DB01) CMart NYSAE/	Propect	ci Manager	EN S	X	MELNYK	L			Date	12/3	12/20/06		Chain of Oustooy Number 169221	69221
HA AL	Tekep	Telephone Number (Area Code)/Fax Number 71 6-851-7220	er (Area Co	dejifax N	1Fax Number 7 220				Г. С.	Leb Munber	~		Page	v 1
BURGLI NV 14700		Site Contact	r k	9 <b>4</b> 1		Lab Contact			Analysis	Analysis (Attach list if more space is needed)		ž	< c Ha	caller affached
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Possible Hazard Identification PCB \$ 500 C Conf	Control Sample		Sample Disposal	1	Disposal By Lab	By Lab	Archive Fo	₩ For		Munths .	A fee may onger fhar	Anomin 1	(A fee may bo assessed if samples are retained forger fran f month)	ំ ៥.៥ ខេនៃកាមលី
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DISTRIBUTION: WHITE - Returned to Client with Report CANARY - Stays with the Sample. PINK - Field Copy	Stays with the Sa	HVIH WH	- Field Cap	*	{		τ.	5	 					

		Chiain of Guardow Number	Page 1 of	attack	Special Instructions/	Conditions of Receipt		3 day	3 duit	3 day	3 day	1	1 day Pcolstoci	then	provide motal	4 Past when	as soon as	product	(4 fee may be assessed it samples are relained briger shan 1 month)		14/16 1305	Date	Data Tume		
TRENT STL	Severn Trent Laboratories, Inc.	Dare	Lab Number	Analysis (Attach fist if ntore space is needed)	153	0/2 0/5 0/5 0/15	107] 127] 127] 127] 127]	X X X	X X X X	× × × ×	XXXX								(4 fee may b Acchive For Months Ibnger than )	Şpecity.)			R	(4,6°)	
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	rd	8	Arte	Zacate	915115		Sample I.O. No. and Description Date each sample may be combined on one line! Date Trime	A- WG 1231/09 1230		50115121		10/2/04	12 31 04	• •					whication PLB { SVoC	7 21 21 Dave 7 21 Da	121 Manu Maple		Date		DISTRIBUTION: WHITE . Returned to Chent with Report. CAMARY . Stays with the Sumple.
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Chain of Custodiv Bacord						SEVERN TRENT		STL	<u>i</u>	)	$\overline{a}$	
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Clear NYSAE		Project Manag	ENE	Ž	MELNYK			Pate 12/20/06	109	Chain of Custody Number	69221	
LA AL		Tolephone Number (Area Code), Fax Number 716-851-7220	nber /Area C	del Fav N				եռն Митовг	L	Page	L or 1	
City State Zip Code		Site Contact	huk	Lab Contact	"Ficher		Ana	Anahysis (Altach list il more space is needed)	list if See	v	rather attach	6
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h		Zip Coote 14-203 5. M			Cate Time	1/5/10 1530							🖸 Pausan 🤁 🔲 Unknown	21 Oays	Date 1/16	1/1/	Cate		AAAY . Stays with the San
NYSDEC- FUGENE MELMI	and the		9 L		escription combined on one line!		-					RICUBL.	nable Skin fratant	0 7 Days			0		to Chert with Report. CAA
· · · ·	Address MICHIGAN	Pureato	NOA.	Contraction of the Contraction o	Sample I D. No. and Description (Containers for each sample may be compred on one line)	B.MCONFIRM-C.8-F						Possible Hazard Identification	🛈 Non-Hazard 📋 Fisimmedur	e Required D 48 Hours	A AAA	Rounguistee By CTC	3. Rehnaushed By	Convneriis	DISTRIBUTION: WHITE - Returned to Chent with Report, CANARY - Stays with the Sample: Pilvic + Field Cooy



THE LEADER IN ENVIRONMENTAL TESTING

New York State D.E.C. - Buffalo, NY 270 Michigan Avenue Buffalo, NY 14203 SDG Number: RSL0991

Received: 01/04/10-12/31/09 Reported: 01/26/10 13:33

Project: NYSDEC - Bengart & Memel : Site# 915115 Project Number: NYSDEC-0032

#### CASE NARRATIVE

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. field-pH), they were not analyzed immediately, but as soon as possible after laboratory receipt.

For method 8082, Blank Spike 10A0093-BS1 was inadvertantly spiked using a 8081 pesticide mix. The 8082 sample spikes within this batch are compliant, and can be used to verify acceptable recovery efficiencies for this analysis.

There are pertinent documents appended to this report, 8 pages, are included and are an integral part of this report. Reproduction of this analytical report is permitted only in its entirety. This report shall not be reproduced except in full without the written approval of the laboratory.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

#### Form 5A

### ANALYSIS BATCH (SEQUENCE) SUMMARY

Laboratory:	TestAmerica B	uffalo	SDG:	RSL0991
Client:	New York State	<u> D.E.C Buffalo, NY</u>	Project:	NYSDEC - REGION 9 REMEDIATION/SPILLS CO
Sequence:	RL92818		Instrument:	<u>HP5973F</u>
			Calibration:	<u>R9L1503</u>
Sample Name		Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune		RL92818-TUN1	F2431.D	12/28/09 19:42
Calibration Check	k	RL92818-CCV1	F2432.D	12/28/09 20:06
LCS		9L28068-BS1	F2434.D	12/28/09 21:04
Blank		9L28068-BLK1	F2435.D	12/28/09 21:30
BM-CONFIRM-	C1-F	RSL0991-01	F2442.D	12/29/09 00:37
BM-CONFIRM-	W1	RSL0993-01	F2443.D	12/29/09 01:02

#### **CONTINUING CALIBRATION CHECK**

Laboratory: <u>T</u>	estAmerica Bu	<u>iffalo</u>		SD	G:	RSL0991			
Client: <u>N</u>	ew York State	D.E.C B	uffalo, NY	Pro	ject:	NYSDEC - R	EGION 9 R	EMEDIATIO	N/SPILLS CO
Instrument ID: H	P5973F			Cal	ibration:	<u>R9L1503</u>			
Lab File ID: <u>F</u>	2432.D			Ca	ibration Date:	12/15/09 13:5	1		
Sequence: <u>R</u>	L92818			Inj	ection Date:	<u>12/28/09</u>			
Lab Sample ID: R	L92818-CCV1	L		Inj	ection Time:	<u>20:06</u>			
			CONC	. (ug/kg)	RESI	PONSE FACTO	OR	% DIFF	/ DRIFT
COMPOUND		TYPE	STD	ccv	ICAL	CCV	MIN (#)	ccv	LIMIT (#)
1,1,1-Trichloroethane		A	50.0	47.8	0.3694113	0.3530902		-4.4	
1,1,2,2-Tetrachloroetha	ne	A	50.0	45.4	0.6393622	0.5810901	0.3	-9.1	
1,1,2-Trichloro-1,2,2-tr		A	50.0	45.4	0.1945829	0.1765217		-9.3	
1,1,2-Trichloroethane		A	50.0	40.8	0.4281223	0.3489679		-18.5	
1,1-Dichloroethane		A	50.0	43.8	0.4495789	0.3940532	0.1	-12.4	
1,1-Dichloroethene		A	50.0	44.2	0.1633185	0.144356		-11.6	
1,2,4-Trichlorobenzene		A	50.0	45.1	1.017715	0.9188632		-9.7	
1,2-Dibromo-3-chlorop		LO	50.0	40.8	0.119169	0.1246017		-18.4	
1,2-Dibromoethane		A	50.0	43.2	0.5721593	0.4939577		-13.7	
1,2-Dichlorobenzene		A	50.0	43.9	1.342979	1.178633		-12.2	
1,2-Dichloroethane		A	50.0	43.8	0.432238	0.3788927		-12.3	
1,2-Dichloroethane-d4		A	50.0	52.6	0.3426741	0.3603962		5.2	
1,2-Dichloroethene, To	tal	A	100	86.1	0.2788833	0.2402032		-13.9	
1,2-Dichloropropane		A	50.0	42.6	0.2560664	0.2182263		-14.8	
1,3-Dichlorobenzene		A	50.0	45.2	1.377283	1.246504		-9.5	
1,4-Dichlorobenzene		A	50.0	44.4	1.417221	1.25742		-11.3	
2-Butanone		A	250	199	0.1792831	0.1425055		-20.5	
2-Hexanone		A	250	200	0.5313889	0.4248941		-20.0	
4-Bromofluorobenzene		A	50.0	54.7	0.8099011	0.8857793		9.4	
4-Methyl-2-pentanone		A	250	201	0.715216	0.575813		-19.5	
Acetone		A	250	202	9.616582E-02	0.0778846		-19.0	
Benzene		A	50.0	42.2	1.042389	0.8808208		-15.5	
Bromodichloromethane	,	LO	50.0	41.8	0.3153042	0.3057497		-16.4	
Bromoform		LO	50.0	36.5	0.2850581	0.2968087	0.1	-27.0	
Bromomethane		A	50.0	46.5	0.1178052	0.1095571		-7.0	
Carbon disulfide		A	50.0	45.3	0.5721027	0.5184254		-9.4	
Carbon Tetrachloride		LO	50.0	40.0	0.2576414	0.2590106		-20.0	
Chlorobenzene		A	50.0	40.8	1.71335	1.397351	0.3	-18.4	
Chloroethane		A	50.0	46.5	9.978535E-02	9.288501E-02		-6.9	

#### **CONTINUING CALIBRATION CHECK**

Laboratory:	<u>TestAmerica I</u>	Buffalo		S	DG:	RSL0991			
Client:	New York Sta	te D.E.C B	uffalo, NY	Ρ	roject:	NYSDEC - I	REGION 9 R	EMEDIATIC	N/SPILLS CO
Instrument ID:	HP5973F			C	alibration:	<u>R9L1503</u>			
Lab File ID:	<u>F2432.D</u>			С	alibration Date:	<u>12/15/09 13:</u>	51		
Sequence:	<u>RL92818</u>			Ir	jection Date:	12/28/09			
Lab Sample ID:	RL92818-CC	<u>V1</u>		Ir	ijection Time:	<u>20:06</u>			
			CONC.	(ug/kg)	RES	PONSE FACT	OR	% DIFF	/ DRIFT
COMPOUND		TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Chloroform		A	50.0	45.0	0.481654	0.4333035		-10.0	
Chloromethane		A	50.0	42.0	0.2455733	0.2062657	0.1	-16.0	
cis-1,2-Dichloroeth	iene	A	50.0	43.0	0.299936	0.257885		-14.0	
cis-1,3-Dichloropro	opene	A	50.0	46.6	0.3790058	0.3530699		-6.8	
Cyclohexane		A	50.0	43.6	0.4512676	0.3939069		-12.7	
Dibromochloromet	hane	LO	50.0	37.9	0.4847196	0.4713989		(-24.2)	
Dichlorodifluorom	ethane	A	50.0	45.4	0.2604908	0.2366579		-9.1	
Ethylbenzene		A	50.0	42.0	2.823863	2.369144		-16.1	
Isopropylbenzene		A	50.0	45.3	2.555926	2.315422		-9.4	
Methyl Acetate		A	50.0	39.8	0.4637487	0.3695957	-	-20.3	
Methylcyclohexane	•	A	50.0	42.8	0.4774748	0.408972		-14.3	
Methylene Chloride	8	A	50.0	42.9	0.2688663	0.23064		-14.2	
Methyl-t-Butyl Eth	er (MTBE)	A	50.0	43.7	0.9439205	0.8245896		-12.6	
Styrene		A	50.0	42.4	1.821574	1.543289		-15.3	
Tetrachloroethene		A	50.0	41.4	0.6941328	0.5739805		-17.3	
Toluene		A	50.0	42.0	1.469623	1.23393		-16.0	
Toluene-d8		A	50.0	59.0	2.084162	2.457651		17.9	
trans-1,2-Dichloroe	ethene	A	50.0	43.2	0.2578306	0.2225213		-13.7	
trans-1,3-Dichlorop	propene	LO	50.0	37.9	0.711277	0.6599658		(-24.1)	
Trichloroethene		A	50.0	42.7	0.2862431	0.2443478		-14.6	
Trichlorofluoromet	hane	A	50.0	46.4	0.3338104	0.3100691		-7.1	
Vinyl acetate		A	250	221	0.4573111	0.4038318		-11.7	
Vinyl chloride		A	50.0	42.6	0.2282771	0.1945104		-14.8	
Xylenes, total		A	150	124	1.111518	0.9172487		-17.5	

#### Form 5A

## ANALYSIS BATCH (SEQUENCE) SUMMARY

Laboratory:	TestAmerica Bu	iffalo	SDG:	RSL0991
Client:	New York State	D.E.C Buffalo, NY	Project:	NYSDEC - REGION 9 REMEDIATION/SPILLS CO
Sequence:	<u>RL92916</u>		Instrument:	<u>HP5973F</u>
			Calibration:	<u>R9L1503</u>
Sample Name		Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune		RL92916-TUN1	F2455.D	12/29/09 12:59
Calibration Check		RL92916-CCV1	F2456.D	12/29/09 13:23
LCS		9L29025-BS1	F2458.D	12/29/09 14:21
Blank		9L29025-BLK1	F2459.D	12/29/09 14:46
BM-CONFIRM-W	V2	RSL0993-02	F2460.D	12/29/09 15:19
BM-CONFIRM-W	V3	RSL0993-03	F2461.D	12/29/09 15:44
BM-CONFIRM-W	72	9L29025-MS1	F2462.D	12/29/09 16:10
BM-CONFIRM-W	72	9L29025-MSD1	F2463.D	12/29/09 16:35

#### **CONTINUING CALIBRATION CHECK**

Laboratory:	TestAmerica Buffalo	SDG:	RSL0991
Client:	New York State D.E.C Buffalo, NY	Project:	NYSDEC - REGION 9 REMEDIATION/SPILLS CC
Instrument ID:	<u>HP5973F</u>	Calibration:	<u>R9L1503</u>
Lab File ID:	<u>F2456.D</u>	Calibration Date:	12/15/09 13:51
Sequence:	<u>RL92916</u>	Injection Date:	12/29/09
Lab Sample ID:	RL92916-CCV1	Injection Time:	13:23

		CONC	(ug/kg)	RESP	ONSE FACT	OR	% DIFF	/ DRIFT
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1-Trichloroethane	A	50.0	50.1	0.3694113	0.3703575		0.3	
1,1,2,2-Tetrachloroethane	A	50.0	46.7	0.6393622	0.5974924	0.3	-6.5	
1,1,2-Trichloro-1,2,2-trifluoroethane	A	50.0	45.3	0.1945829	0.176302		-9.4	
1,1,2-Trichloroethane	A	50.0	45.8	0.4281223	0.391813		-8.5	
1,1-Dichloroethane	A	50.0	46.9	0.4495789	0.4217125	0.1	-6.2	
1,1-Dichloroethene	A	50.0	49.3	0.1633185	0.1611442		-1.3	
1,2,4-Trichlorobenzene	A	50.0	47.0	1.017715	0.9567388		-6.0	
1,2-Dibromo-3-chloropropane	LO	50.0	39.6	0.119169	0.1208088		-20.9	
1,2-Dibromoethane	A	50.0	47.1	0.5721593	0.5391492		-5.8	
1,2-Dichlorobenzene	A	50.0	47.0	1.342979	1.263424		-5.9	
1,2-Dichloroethane	A	50.0	46.5	0.432238	0.4022156		-6.9	
1,2-Dichloroethane-d4	A	50.0	52.6	0.3426741	0.3602313		5.1	
1,2-Dichloropropane	A	50.0	46.3	0.2560664	0.2372238		-7.4	
1,3-Dichlorobenzene	A	50.0	47.8	1.377283	1.317989		-4.3	
1,4-Dichlorobenzene	A	50.0	47.1	1.417221	1.33434		-5.8	
2-Butanone	A	250	206	0.1792831	0.1475751		-17.7	
2-Hexanone	A	250	212	0.5313889	0.4515788		-15.0	
4-Bromofluorobenzene	A	50.0	52.7	0.8099011	0.8529421		5.3	
4-Methyl-2-pentanone	A	250	214	0.715216	0.6113855	1	-14.5	
Acetone	A	250	212	9.616582E-02	0.0814413		-15.3	
Benzene	A	50.0	45.5	1.042389	0.9485909		-9.0	
Bromodichloromethane	LO	50.0	43.2	0.3153042	0.3155813		-13.7	
Bromoform	LO	50.0	38.1	0.2850581	0.3099811	0.1	(-23.8)	
Bromomethane	A	50.0	50.3	0.1178052	0.1185465		0.6	
Carbon disulfide	A	50.0	45.4	0.5721027	0.5191022		-9.3	
Carbon Tetrachloride	LO	50.0	40.5	0.2576414	0.2623431		-18.9	
Chlorobenzene	A	50.0	45.9	1.71335	1.572701	0.3	-8.2	
Chloroethane	A	50.0	50.2	9.978535E-02	0.1002201		0.4	
Chloroform	A	50.0	47.0	0.481654	0.4522422		-6.1	

8260B

#### SDG: **RSL0991** Laboratory: TestAmerica Buffalo NYSDEC - REGION 9 REMEDIATION/SPILLS CO Client: New York State D.E.C. - Buffalo, NY Project: File ID: F2513.D Matrix: Solid Laboratory ID: 10A0229-BLK1 Prepared: 01/06/10 19:23 Analyzed: 01/06/10 21:11 Sampled: Initial/Final: 5g/5mL Solids: Preparation: 5030B MS Calibration: R9L1503 Instrument: HP5973F Batch: 10A0229 Sequence: T000053 DILUTION CONC. (ug/kg) CAS NO. COMPOUND Q 5.0 U 71-55-6 1 1,1,1-Trichloroethane 5.0 υ 79-34-5 1,1,2,2-Tetrachloroethane 1 5.0 U 1,1,2-Trichloro-1,2,2-trifluoroethane 1 76-13-1 U 79-00-5 1 5.0 1.1.2-Trichloroethane U 1 5.0 75-34-3 1,1-Dichloroethane U 1 5.0 75-35-4 1,1-Dichloroethene 1 5.0 U 120-82-1 1,2,4-Trichlorobenzene U 1 5.0 96-12-8 1,2-Dibromo-3-chloropropane 1 5.0 U 106-93-4 1,2-Dibromoethane 5.0 U 95-50-1 1 1,2-Dichlorobenzene 107-06-2 1,2-Dichloroethane 1 5.0 U U 5.0 1 78-87-5 1,2-Dichloropropane U 541-73-1 1 5.0 1.3-Dichlorobenzene 1 5.0 U 106-46-7 1,4-Dichlorobenzene 25 U 78-93-3 2-Butanone 1 25 U 1 591-78-6 2-Hexanone 1 25 U 108-10-1 4-Methyl-2-pentanone 1 25 U 67-64-1 Acetone 5.0 U 71-43-2 1 Benzene 75-27-4 Bromodichloromethane 1 5.0 U 75-25-2 1 5.0 U Bromoform 74-83-9 Bromomethane 1 5.0 U 5.0 U 1 75-15-0 Carbon disulfide U 1 5.0 56-23-5 Carbon Tetrachloride 5.0 U 1 108-90-7 Chlorobenzene 5.0 U 75-00-3 Chloroethane 1 1 5.0 U 67-66-3 Chloroform 5.0 U 74-87-3 Chloromethane 1 156-59-2 cis-1,2-Dichloroethene 1 5.0 U 10061-01-5 5.0 U cis-1,3-Dichloropropene 1 110-82-7 Cyclohexane 1 5.0 U U 1 5.0 124-48-1 Dibromochloromethane 5.0 75-71-8 Dichlorodifluoromethane 1 U 5.0 U 100-41-4 Ethylbenzene 1 1 U 98-82-8 5.0 Isopropylbenzene 5.0 U 79-20-9 1 Methyl Acetate 1 5.0 U 108-87-2 Methylcyclohexane 1 1.0 J 75-09-2 Methylene Chloride U 1634-04-4 Methyl-t-Butyl Ether (MTBE) 1 5.0

Blank

#### 8270C

Laboratory:	TestAmerica Buffalo		SDG:	RSL0991		
Client:	New York State D.E.C Buffalo, 1	<u>VY</u>	Project:	NYSDEC - REG	ION 9 REMEDIAT	TION/SPILLS CO
Matrix:	Solid Labora	atory ID: <u>10A009</u>	4-BLK1	File ID:	<u>W9809.D</u>	
Sampled:	Prepar	ed: . 01/05/1	0 08:00	Analyzed:	01/06/10 19:56	
Solids:	Prepar			Initial/Final:	30.2 g / 1 mL	
Batch:			Calibration:		Instrument:	10507231/
Contract of Contract of Contract	10A0094 Sequence:	<u>T000042</u>	1	<u>R9L1103</u>		<u>HP5973W</u>
CAS NO.	COMPOUND		DILUTION		C. (ug/kg)	Q
85-68-7	Butyl benzyl phthalate		1		170	U
105-60-2	Caprolactam		1		170	U
86-74-8	Carbazole		1		170	U
218-01-9	Chrysene		1		170	<u> </u>
53-70-3	Dibenzo(a,h)anthracene		1		170	U
132-64-9	Dibenzofuran		1		170	U
84-66-2	Diethyl phthalate		1	(	16)	1
131-11-3	Dimethyl phthalate		1		170	U
84-74-2	Di-n-butyl phthalate		1		170	U
117-84-0	Di-n-octyl phthalate		1		170	U
206-44-0	Fluoranthene		1		170	U
86-73-7	Fluorene		1		170	U
118-74-1	Hexachlorobenzene		1		170	U
87-68-3	Hexachlorobutadiene		1		170	U
77-47-4	Hexachlorocyclopentadiene		1		170	U
67-72-1	Hexachloroethane		1 1		170	U
193-39-5	Indeno(1,2,3-cd)pyrene		1		170	U
78-59-1	Isophorone		1		170	U
91-20-3	Naphthalene		1		170	U
98-95-3	Nitrobenzene		1		170	U
621-64-7	N-Nitrosodi-n-propylamine		1		170	U
86-30-6	N-Nitrosodiphenylamine		1		170	U
87-86-5	Pentachlorophenol		1		330	U
85-01-8	Phenanthrene		1		170	U
108-95-2	Phenol		1		170	U
106-49-0	p-Toluidine		1		330	U
129-00-0	Pyrene		1		170	U
	VITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
2,4,6-Tribromo	phenol	4970	4190	84	39 - 146	
2-Fluorobiphen	And a second state of the second s	3310	2240	68	37 - 120	
2-Fluorophenol		4970	2700	54	18 - 120	
Nitrobenzene-d		3310	1980	60	34 - 132	
Phenol-d5		4970	2950	59	11 - 120	
p-Terphenyl-d1	4	3310	2200	66	58 - 147	
INTERNAL ST	ANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorober	nzene-d4	258260	6.17	246933	6.17	
Acenaphthene-	d10	619126	10.09	599749	10.09	
Chrysene-d12		1272980	14.24	1265408	14.25	
Naphthalene-d8	8	1129486	7.83	1102259	7.84	

Quantitation Report (QT Reviewed) Vial: 16 Data File : C:\MSDChem\1\DATA\010610\W9809.D Acq On : 6 Jan 2010 19:56 Operator: MKP Sample : 10A0094-BLK1 Inst : HP5973W Multiplr: 1.00 Misc . MS Integration Params: rteint.p Quant Time: Jan 07 11:19:54 2010 Results File: 8270-R9L1103.RES Quant Method : C:\MSDCHEM\1...\8270-R9L1103.M (RTE Integrator) Title : 8270 BNA Calibration with EPC Last Update : Thu Jan 07 08:49:24 2010 Response via : Initial Calibration DataAcq Meth : 8270 IS QA File : C:\MSDCHEM\1\DATA\010610\W9795.D (6 Jan 2010 14:14) 
 Internal Standards
 R.T. Qion Response Conc Unit Dev(Mn) Rcv(Ar)

 29) C440 2,4-Dichlorophenol
 0.00 162
 0
 N.D.

 30) C445 1,2,4-Trichlorobenz
 7.77 180
 723
 N.D.

 31) C450 Mapthalene
 7.66 128
 1447
 N.D.

 32) C455 4-Chloroaniline
 0.00 127
 0
 N.D.

 33) C466 Hexachlorobutadiene
 0.00 225
 0
 N.D.

 34) C465 4-Chloroa-Jamethylph
 0.00 107
 0
 N.D.

 37) C510 Hexachlorocyclopent
 0.00 196
 0
 N.D.

 38) C520 2,4,5-Trichlorophen
 0.00 196
 0
 N.D.

 31) C520 C,4,5-Trichlorophen
 0.00 162
 0
 N.D.

 31) C520 C,4,5-Trichlorophen
 0.00 155
 0
 N.D.

 31) C530 Accemapthylene
 0.01 163
 0
 N.D.

 42) C532 Z,6-Dinitrotoluene
 0.01 148
 0
 N.D.

 43) C540 Accemapthylene
 0.01 148
 0
 N.D.

 44) C535 J-Nitroaniline
 0.02 140
 N.D.
 0

 45) C562 J,2-Dinitrotoluene
 0.00 166
 0
 R.T. QIon Response Conc Units Dev(Min) Internal Standards Rcv(Ar) 

(#) = qualifier out of range (m) = manual integration (+) = signals summed 8270-R9L1103.M Thu Jan 07 11:20:11 2010015/856973W Page: 2

#### Form 5A

# ANALYSIS BATCH (SEQUENCE) SUMMARY

#### 8270C

Laboratory:	TestAmerica Bu	iffalo	SDG:	RSL0991
Client:	New York State	D.E.C Buffalo, NY	Project:	NYSDEC - REGION 9 REMEDIATION/SPILLS CO
Sequence:	RL93008		Instrument:	<u>HP5973X</u>
			Calibration:	<u>R9L2306</u>
Sample Name		Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune		RL93008-TUN1	X9956.D	12/30/09 10:11
Calibration Check	k	RL93008-CCV1	X9957.D	12/30/09 10:52
Calibration Check	k	RL93008-CCV2	X9958.D	12/30/09 11:14
Blank		9L28014-BLK1	X9965.D	12/30/09 14:08
LCS		9L28014-BS1	X9966.D	12/30/09 14:31
LCS Dup		9L28014-BSD1	X9967.D	12/30/09 14:54
BM-CONFIRM-	-C1-F	RSL0991-01	X9968.D	12/30/09 15:17
BM-CONFIRM-	-W1	RSL0993-01	X9969.D	12/30/09 15:40
BM-CONFIRM-	-W2	RSL0993-02	X9970.D	12/30/09 16:02
BM-CONFIRM-	-W3	RSL0993-03	X9971.D	12/30/09 16:25

## CONTINUING CALIBRATION CHECK

#### 8270C

Laboratory:	TestAmerica Buffalo	SDG:	RSL0991
Client:	New York State D.E.C Buffalo, NY	Project:	NYSDEC - REGION 9 REMEDIATION/SPILLS CC
Instrument ID:	HP5973X	Calibration:	<u>R9L2306</u>
Lab File ID:	<u>X9957.D</u>	Calibration Date:	<u>12/22/09 14:38</u>
Sequence:	<u>RL93008</u>	Injection Date:	12/30/09
Lab Sample ID:	<u>RL93008-CCV1</u>	Injection Time:	<u>10:52</u>

		CONC. (ng/ul)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#
1,2,4-Trichlorobenzene	A	50.0	52.3	0.3201172	0.3347091		4.6	40
1,2-Dichlorobenzene	A	50.0	51.5	1.408682	1.450622		3.0	40
1,2-Diphenylhydrazine	A	50.0	52.6	1.273047	1.340039		5.3	40
1,3-Dichlorobenzene	A	50.0	51.6	1.548939	1.599144		3.2	40
1,4-Dichlorobenzene	A	50.0	51.6	1.539632	1.59041		3.3	40
2,2'-Oxybis(1-Chloropropane)	A	50.0	49.0	1.543139	1.5126		-2.0	40
2,4,5-Trichlorophenol	A	50,0	53.7	0.3998312	0.4295622		7.4	40
2,4,6-Tribromophenol	A	50.0	55.6	0.1108805	0.1232852		11.2	
2,4,6-Trichlorophenol	A	50.0	54.8	0.2178236	0.2364981	1	8.6	40
2,4-Dichlorophenol	A	50.0	53.7	0.2931824	0,3148295		7.4	40
2,4-Dimethylphenol	A	50.0	52.6	0.3680165	0.3873428		5.3	40
2,4-Dinitrophenol	L	50.0	32.2	0.1336452	8.621212E-02	0.05	-35.5	40
2,4-Dinitrotoluene	A	50.0	59.6	0.3463852	0.41308		19.3	40
2,6-Dinitrotoluene	L	50.0	54.4	0.2525802	0.3018492		8.8	40
2-Chloronaphthalene	A	50.0	52.2	1.123822	1.173191		4.4	40
2-Chlorophenol	A	\$0.0	52.1	1.40202	1.460899		4.2	40
2-Fluorobiphenyl	A	50.0	52.2	1.328891	1.388508		4.5	
2-Fluorophenol	A	50,0	54.2	1.52305	1.650315		8.4	
2-Methylnaphthalene	A	50.0	52.9	0.6414177	0.6781251		5.7	40
2-Methylphenol	A	50.0	51.9	1.176975	1.22139		3.8	40
2-Nitroaniline	L	50.0	54,4	0.3691073	0.4336269		8.9	40
2-Nitrophenol	L	50.0	55.0	0.1762923	0.2068018		9.9	40
3 & 4 Methylphenol	A	50.0	52.5	1.16862	1.227021		5.0	40
3,3'-Dichlorobenzidine	L	50.0	51.0	0.3592965	0.403106		2.0	100
3,3'-Dimethylbenzidine	A	50.0	0.00	0.6142374				100
3-Nitroaniline	L	50.0	53.0	0.2849749	0.3268045		6.1	40
4,6-Dinitro-2-methylphenol	L	50.0	51.1	0.1100596	0.1233995		2.1	40
4-Bromophenyl phenyl ether	A	50.0	52.2	0.2094938	0.2188707		4.5	40
4-Chloro-3-methylphenol	A	50.0	54.3	0.2956595	0.3212352		8.7	40

# Form 2 SURROGATE STANDARD RECOVERY AND RT SUMMARY 8081A

Laboratory:	TestAmerica Buffalo	SDG:	RSL0991
Client:	New York State D.E.C Buffalo, NY	Project:	NYSDEC - REGION 9 REMEDIATION/SPILL
Sequence:	<u>T000085</u>	Instrument:	<u>HP6890-5</u>
Matrix:	Solid	Calibration:	<u>R10A030</u>

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
BM-CONFIRM-C8-F (RTA	0166-01 )		Lab File ID:	5a45143	Analyzed	1: 01/08/10 08	3:45	
Decachlorobiphenyl	8.06	56	42 - 146	22.0541	22.06979	-0.0157	+/-1.0	
Decachlorobiphenyl [2C]	8.06	60	42 - 146	25.10536	25.11384	-0.0085	+/-1.0	
Tetrachloro-m-xylene	8.06	25	37 - 136	9.220683	9.217885	0.0028	+/-1.0	*
Tetrachloro-m-xylene [2C]	8.06	29	37 - 136	10.54992	10.55474	-0.0048	+/-1.0	*

# Form 2 SURROGATE STANDARD RECOVERY AND RT SUMMARY 8081A

Laboratory:	TestAmerica Buffalo	SDG:	RSL0991
Client:	New York State D.E.C Buffalo, NY	Project:	NYSDEC - REGION 9 REMEDIATION/SPILL
Sequence:	<u>T000083</u>	Instrument:	<u>HP6890-6</u>
Matrix:	Solid	Calibration:	<u>R9K1705</u>

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
BM-CONFIRM-C7-F (RTA0083-06) Lab File ID: 6A52063 Analyz							5:22	
Decachlorobiphenyl	9.07	53	42 - 146	22.21236	22.40663	-0.1943	+/-1.0	
Decachlorobiphenyl [2C]	9.07	32	42 - 146	25.41589	25.56587	-0.1500	+/-1.0	*
Tetrachloro-m-xylene	9.07	32	37 - 136	9.2924	9.408785	-0.1164	+/-1.0	*
Tetrachloro-m-xylene [2C]	9.07	( 30 /	37 - 136	10.6747	10.75158	-0.0769	+/-1.0	*

Form Rev: 11/23/09

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Blank (1)

## 8081A

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C	<u> - Buffalo, NY</u>		Project:	NYSDEC - REC	GION 9 REMEDI	ATION/SPILL
Matrix:	Solid	Laboratory ID:	<u>10A004</u>	<u>3-BLK1</u>	File ID:	<u>6A52014</u>	
Sampled:		Prepared:	01/04/1	0 19:00	Analyzed:	<u>01/05/10 11:46</u>	
Solids:		Preparation:	3550B	<u>GC</u>	Initial/Final:	<u>30.27 g / 10 ml</u>	Ľ
Batch:	<u>10A0043</u> Seque	ence: <u>T000051</u>	1	Calibration:	<u>R9K1705</u>	Instrument:	HP6890-6
CAS NO.	COMPOUND			DILUTION	CONC	C. (ug/kg)	Q
72-54-8	4,4'-DDD			1	the second se	1.7	U
72-55-9	4,4'-DDE			1		1.7	U
50-29-3	4,4'-DDT			1		1.7	U
309-00-2	Aldrin			1	ľ	1.7	U
319-84-6	alpha-BHC			1		1.7	U
5103-71-9	alpha-Chlordane			1	1.7		U
319-85-7	beta-BHC			1	1.7		U
57-74-9	Chlordane			1		17	U
319-86-8	delta-BHC			1		1.7	U
60-57-1	Dieldrin			1	1.7		U
959-98-8	Endosulfan I			1		1.7	U
33213-65-9	Endosulfan II			1		1.7	U
1031-07-8	Endosulfan sulfate	3	с	1		1.7	U
72-20-8	Endrin			1		1.7	U
7421-93-4	Endrin aldehyde			1		1.7	U
53494-70-5	Endrin ketone			1		1.7	U
58-89-9	gamma-BHC (Lindane	;)		1		1.7	U
5103-74-2	gamma-Chlordane			1		1.2	ЛР
76-44-8	Heptachlor			1		1.7	U
1024-57-3	Heptachlor epoxide			1		1.7	U
72-43-5	Methoxychlor			1.7	U		
8001-35-2	Toxaphene			1		17	U
SYSTEM MOI	NITORING COMPOUN	ID ADDEI	) (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobip		6.	.61	6.68	101	42 - 146	
Tetrachloro-m-	xylene	6.	.61	5.68	86	37 - 136	

\* Values outside of QC limits

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Blank (2)

#### 8081A

Laboratory:	TestAmerica Buffalo		SDG:	RSL0991		
Client:	New York State D.E.C Buffa	llo, NY	Project:	NYSDEC - REC	GION 9 REMEDI	ATION/SPILL
Matrix:	Solid Labo	ratory ID: <u>10A004</u>	3-BLK1	File ID:	<u>6b52014</u>	
Sampled:	Prepa	ared: <u>01/04/1</u>	<u>0 19:00</u>	Analyzed:	01/05/10 11:46	
Solids:	Ргер	aration: <u>3550B</u>	<u>GC</u>	Initial/Final:	<u>30.27 g / 10 ml</u>	_
Batch:	10A0043 Sequence:	T000051	Calibration:	R9K1705	Instrument:	<u>HP6890-6</u>
CAS NO.	COMPOUND	104.2	DILUTION	CONC	C. (ug/kg)	Q
72-54-8	4,4'-DDD [2C]		1	-1	1.7	U
72-55-9	4,4'-DDE [2C]		1	1	1.7	U
50-29-3	4,4'-DDT [2C]		1		1.7	U
309-00-2	Aldrin [2C]		1		1.7	U
319-84-6	alpha-BHC [2C]		1		1.7	U
5103-71-9	alpha-Chlordane [2C]		1	1.7		U
319-85-7	beta-BHC [2C]		1		1.7	U
57-74-9	Chlordane [2C]		1		17	U
319-86-8	delta-BHC [2C]		- 1		1.7	U
60-57-1	Dieldrin [2C]		1	1.7		U
959-98-8	Endosulfan I [2C]		1		1.7	U
33213-65-9	Endosulfan II [2C]		1		1.7	U
1031-07-8	Endosulfan sulfate [2C]		1		1.7	U
72-20-8	Endrin [2C]		1	1.7		U
7421-93-4	Endrin aldehyde [2C]		1		1.7	U
53494-70-5	Endrin ketone [2C]		1	G	1.7	U
58-89-9	gamma-BHC (Lindane) [2C]	P	1		1.7	U
5103-74-2	gamma-Chlordane [2C]		1	(	).44	JP
76-44-8	Heptachlor [2C]		1		1.7	U
1024-57-3	Heptachlor epoxide [2C]		1		1.7	U
72-43-5	Methoxychlor [2C]		1	1 1.7		U
8001-35-2	Toxaphene [2C]		1	1	17	U
SYSTEM MO	NITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobip		6.61	6.35	96	42 - 146	
Tetrachloro-m-	xylene [2C]	6.61	5.40	82	37 - 136	

Blank (2)

### 8081A

Laboratory:	TestAmerica Buffalo		SDG:	RSL0991		
Client:	New York State D.E.C Buffalo	<u>NY</u>	Project:	NYSDEC - REC	GION 9 REMEDI	ATION/SPILL;
Matrix:	Solid Labora	tory ID: <u>10A023</u>	<u>3-BLK1</u>	File ID:	<u>5b45144</u>	
Sampled:	Prepare	ed: <u>01/06/1</u>	0.20:00	Analyzed:	01/08/10 09:21	
Solids:	Prepara	ation: <u>3550B</u>	GC	Initial/Final:	<u>30.01 g / 10 mI</u>	_ =
Batch:	10A0233 Sequence:		Calibration:	R10A030	Instrument:	HP6890-5
CAS NO.	COMPOUND		DILUTION	CONC	C. (ug/kg)	Q
72-54-8	4,4'-DDD [2C]		1		1.7	U
72-55-9	4,4'-DDE [2C]		1		1.7	U
50-29-3	4,4'-DDT [2C]		1		1.7	U
309-00-2	Aldrin [2C]		1		1.7	U
319-84-6	alpha-BHC [2C]		1		1.7	U
5103-71-9	alpha-Chlordane [2C]		1		1.7	U
319-85-7	beta-BHC [2C]		1	1.7		U
57-74-9	Chlordane [2C]		1		17	U
319-86-8	delta-BHC [2C]		1		1.7	U
60-57-1	Dieldrin [2C]		1		1.7	U
959-98-8	Endosulfan I [2C]		1		1.7	U
33213-65-9	Endosulfan II [2C]		1		1.7	U
1031-07-8	Endosulfan sulfate [2C]		1		1.7	U
72-20-8	Endrin [2C]		1	0.73		J
7421-93-4	Endrin aldehyde [2C]		1	1.7		U
53494-70-5	Endrin ketone [2C]		1		1.7	U
58-89-9	gamma-BHC (Lindane) [2C]		1		1.7	U
5103-74-2	gamma-Chlordane [2C]		1		1.7	U
76-44-8	Heptachlor [2C]		1		1.7	U
1024-57-3	Heptachlor epoxide [2C]		1		1.7	U
72-43-5	Methoxychlor [2C]		1		1.7	U
8001-35-2	Toxaphene [2C]		1		17	U
SYSTEM MO	NITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobip		6.66	6.17	93	42 - 146	
Tetrachloro-m-	xylene [2C]	6.66	3.04	46	37 - 136	

\* Values outside of QC limits

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8081A

aboratory:	TestAmerica B	uffalo		5	SDG:	RSL0991		
Client:	New York Stat	e D.E.C Buffal	o, NY	I	Project:	NYSDEC - REG	GION 9 REMEDI	ATION/SPILI
Matrix:	<u>Solid</u>	Labor	ratory ID: <u>10</u>	A023	<u>3-BLK1</u>	File ID:	<u>5a45144</u>	
Sampled:		Prepa	red: <u>01</u>	/06/10	20:00	Analyzed:	<u>01/08/10 09:21</u>	÷
Solids:		Prepa	ration: <u>35</u>	50B C	FC	Initial/Final:	<u>30.01 g / 10 mI</u>	_
Batch:	<u>10A0233</u>	Sequence:	T000085	(	Calibration:	<u>R10A030</u>	Instrument:	<u>HP6890-5</u>
CAS NO.	COMPOUND				DILUTION	CONC	C. (ug/kg)	Q
72-54-8	4,4'-DDD	4,4'-DDD			1		1.7	U
72-55-9	4,4'-DDE	4,4'-DDE			1		1.7	U
50-29-3	4,4'-DDT		<i>a</i> .		1		1.7	U
309-00-2	Aldrin		1997-1997-1997-1987-1		1		1.7	U
319-84-6	alpha-BHC				1		1.7	U
5103-71-9	alpha-Chlorda	alpha-Chlordane			1	1.7		U
319-85-7	beta-BHC	beta-BHC			1		1.7	U
57-74-9	Chlordane				1		17	U
319-86-8	delta-BHC	delta-BHC			1		1.7	U
60-57-1	Dieldrin				1	1.7		U
959-98-8	Endosulfan I				1	1.7		U
33213-65-9	Endosulfan II				1	1.7		U
1031-07-8	Endosulfan sul	fate			1		1.7	U
72-20-8	Endrin				1	0.60		J
7421-93-4	Endrin aldehyd	le			1		1.7	U
53494-70-5	Endrin ketone				1		1.7	U
58-89-9	gamma-BHC (				1		1.7	U
5103-74-2	gamma-Chlord	lane			1		1.7	U
76-44-8	Heptachlor				11		1.7	U
1024-57-3	Heptachlor epo	oxide			11		1.7	U
72-43-5	Methoxychlor				1		1.7	U
8001-35-2	Toxaphene				1		17	U
SYSTEM MO	NITORING CO	MPOUND	ADDED (u	g/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobip	henyl		6.66		6.01	90	42 - 146	
Tetrachloro-m-	-xylene		6.66		2.77	42	37 - 136	

Blank (1)

#### 8081A

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C	<u> 2 Buffalo, NY</u>	1	Project:	NYSDEC - REG	GION 9 REMEDI	ATION/SPIL
Matrix:	<u>Solid</u>	Laboratory ID:	9L2800	5-BLK1	File ID:	6A51240	
Sampled:		Prepared:	12/28/0	9 1 <u>6:00</u>	Analyzed:	12/30/09 12:36	
Solids:		Preparation:	3550B (	GC	Initial/Final:	<u>30.56 g / 10 mI</u>	
Batch:	<u>9L28006</u> Sequ			Calibration:	<u>R9K1705</u>	Instrument:	<u>HP6890-6</u>
CAS NO.	COMPOUND			DILUTION	CONC	C. (ug/kg)	Q
72-54-8	4,4'-DDD			1		1.6	U
72-55-9	4,4'-DDE			1		1.6	U
50-29-3	4,4'-DDT			1		1.6	UC
309-00-2	Aldrin			1		1.6	U
319-84-6	alpha-BHC			1		1.6	U
5103-71-9	alpha-Chlordane			1		1.6	U
319-85-7	beta-BHC			1		1.6	U
57-74-9	Chlordane			1		16	U
319-86-8	delta-BHC			1	1.6		U
60-57-1	Dieldrin			1		1.6	U
959-98-8	Endosulfan I			1		1.6	U
33213-65-9	Endosulfan II			1		1.6	U
1031-07-8	Endosulfan sulfate	2		1		1.6	UC
72-20-8	Endrin			1		0.93	JP
7421 <b>-9</b> 3-4	Endrin aldehyde			1		3.1	Р
53494-70-5	Endrin ketone			1		1.6	U
58-89-9	gamma-BHC (Lindan	e)		1		1.6	U
5103-74-2	gamma-Chlordane			1		1.6	U
76-44-8	Heptachlor			1		1.6	U
1024-57-3	Heptachlor epoxide			1		1.6	U
72-43-5	Methoxychlor			1		1.6	U
8001-35-2	Toxaphene			1		16	U
SYSTEM MON	NITORING COMPOUN	ND ADDE	ED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobiph	nenyl		6.54	6.03	92	42 - 146	
Tetrachloro-m-	xylene		6.54	5.41	83	37 - 136	

**ORGANIC ANALYSIS DATA SHEET** 

8081A

Laboratory:	TestAmerica Buffalo			SDG:	RSL0991		
Client:	New York State D.E.C.	- Buffalo, N	<u>NY</u>	Project:	NYSDEC - REC	GION 9 REMEDI	ATION/SPILL
Matrix:	Solid Laboratory ID: 9L28000			06-BLK1	File ID:	<u>6b51240</u>	
Sampled:	2	Prepared:	12/28/	<u>)9 16:00</u>	Analyzed:	12/30/09 12:36	
Solids:		Preparatio	on: <u>3550B</u>	GC	Initial/Final:	<u>30.56 g / 10 mI</u>	2
Batch:	<u>9L28006</u> Sequer	-	RL93111	Calibration:	<u>R9K1705</u>	Instrument:	<u>HP6890-6</u>
CAS NO.	COMPOUND			DILUTION	CONC	C. (ug/kg)	Q
72-54-8	4,4'-DDD [2C]			1		1.6	U
72-55-9	4,4'-DDE [2C]			1		U	
50-29-3	4,4'-DDT [2C]			1		1.6	U
309-00-2	Aldrin [2C]			1		1.6	U
319-84-6	alpha-BHC [2C]			1		1.6	U
5103-71-9	alpha-Chlordane [2C]			1		1.6	U
319-85-7	beta-BHC [2C]			1		1.6	U
57-74-9	Chlordane [2C]			1		16	U
319-86-8	delta-BHC [2C]			1		1.6	U
60-57-1	Dieldrin [2C]			1		1.6	U
959-98-8	Endosulfan I [2C]			1		1.6	U
33213-65-9	Endosulfan II [2C]			1		1.6	U
1031-07-8	Endosulfan sulfate [2C]			1		U	
72-20-8	Endosulfan sulfate [2C] Endrin [2C]			1		JP	
7421-93-4	Endrin aldehyde [2C]			1		1.0	JP
53494-70-5				1		U	
58-89-9	gamma-BHC (Lindane)	[2C]		1		1.6	U
5103-74-2	gamma-Chlordane [2C]	gamma-Chlordane [2C]			1.6		U
76-44-8	Heptachlor [2C]			1		1.6	U
1024-57-3	Heptachlor epoxide [20	]		1		1.6	U
72-43-5	Methoxychlor [2C]			1		U	
8001-35-2	Toxaphene [2C]			1		16	U
SYSTEM MO	NITORING COMPOUN	D	ADDED (ug/kg	) CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobip	henyl [2C]		6.54	5.59	85	42 - 146	
Tetrachloro-m-xylene [2C]			6.54	5.19	79	37 - 136	

# Form 7 **CONTINUING CALIBRATION CHECK** 8081A

Laboratory:	TestAmerica Buffalo	SDG:	RSL0991
Client:	New York State D.E.C Buffalo, NY	Project:	NYSDEC - REGION 9 REMEDIATION/SPILI
Instrument ID:	<u>HP6890-6</u>	Calibration:	<u>R9K1705</u>
Lab File ID:	<u>6b51246</u>	Calibration Date:	11/13/09 10:31
Sequence:	<u>RL93111</u>	Injection Date:	12/30/09
Lab Sample ID:	RL93111-CCV2	Injection Time:	<u>16:11</u>

	-	CONC. (ng/ul)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Endrin aldehyde [2C]	L	0.0500	0.0530	7087270	7069500		6.1	15
Endrin ketone	L	0.0500	0.0553	2.074186E+07	2.337938E+07		10.6	15
Endrin ketone [2C]	L	0.0500	0.0504	8015894	8153800		0.7	15
gamma-BHC (Lindane)	L	0.0500	0.0622	2.790769E+07	3.728864E+07		24.4	15 *
gamma-BHC (Lindane) [2C]	L	0.0500	0.0504	1.298326E+07	1.365149E+07		0.7	15
gamma-Chlordane	L	0.0500	0.0581	2.3372E+07	2.847086E+07		16.1	15 *
gamma-Chlordane [2C]	L	0.0500	0.0526	1.025252E+07	1.097643E+07		5.1	15
Heptachlor	L	0.0500	0.0568	2.892113E+07	3.499626E+07		13.6	15
Heptachlor [2C]	L	0.0500	0.0494	1.231093E+07	1.237472E+07	5	-1.2	15
Heptachlor epoxide	L	0.0500	0.0582	2.322549E+07	2.840872E+07		16.4	15 *
Heptachlor epoxide [2C]	L	0.0500	0.0526	1.05255E+07	1.115685E+07		5.2	15
Methoxychlor	L	0.0500	0.0467	8967872	8510498		-6.5	15
Methoxychlor [2C]	L	0.0500	0.0388	3117284	2444984		-22.4	15 *
Tetrachloro-m-xylene	L	0.0500	0.0569	2.340946E+07	2.821746E+07		13.8	15
Tetrachloro-m-xylene [2C]	L	0.0500	0.0505	8891742	9049528		1.0	15

# Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

\* Values outside of QC limits

Calibration Type Legend:

A: Average RF

L: Linear through Intercept

Q: Quadratic

L0: Linear forced through Zero

L1: 1/x Weighted Linear through Intercept

L2: 1/x2 Weighted Linear through Intercept

L01: 1/x Weighted Linear forced through Zero

L02: 1/x2 Weighted Linear forced through Zero

# Form 7 CONTINUING CALIBRATION CHECK

## 8081A

Laboratory:	TestAmerica	Buffalo		SD	G:	RSL0991				
Client:	New York Sta	ate D.E.C.	- Buffalo, NY	Pro	ject:	NYSDEC -	REGION 9	REMEDIA	. <u>TION/SF</u>	PILI
Instrument ID:	<u>HP6890-6</u>			Cal	ibration:	<u>R9K1705</u>				
Lab File ID:	6A52064			Cal	ibration Date:	11/13/09 10	:31			
Sequence:	T000083			Inje	ection Date:	01/07/10				
Lab Sample ID:	T000083-CC	<u>V2</u>		Inje	ection Time:	<u>17:08</u>				
		Γ	CONC.	(ng/ul)	RESP	ONSE FACT	OR	% DIFF	/ DRIFT	1
COMPOUND		TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT	(#)
4,4'-DDD		L	0.0500	0.0643	1.632044E+07	2.268708E+07		28.6	) 15	*
4,4'-DDD [2C]		L	0.0500	0.0466	7261329	7077356		-6.9	15	-
4,4'-DDE		L	0.0500	0.0601	2.033105E+07	2.673388E+07		20.1	15	*
4,4'-DDE [2C]		L	0.0500	0.0519	9029385	9743904		3.8	15	
4,4'-DDT		L	0.0500	0.0518	1.740869E+07	1.832071E+07		3.6	15	
4,4'-DDT [2C]		L	0.0500	0.0390	5888181	4821224		(-22.0)	15	*
Aldrin		L	0.0500	0.0582	2.528359E+07	3.204886E+07		16.5	15	*
Aldrin [2C]		L	0.0500	0.0519	1.109008E+07	1.214959E+07		3.8	15	
alpha-BHC		L	0,0500	0.0674	3.001447E+07	4.497484E+07		( 34.9 )	15	*
alpha-BHC [2C]		L	0.0500	0.0513	1.364757E+07	1.520844E+07		2.6	15	
alpha-Chlordane		L	0.0500	0.0562	2.209511E+07	2.616238E+07		12.5	15	
alpha-Chlordane	[2C]	L	0.0500	0.0534	9767154	1.057594E+07		6.7	15	
beta-BHC		L	0.0500	0.0634	1.184759E+07	1.506255E+07		26.8	15	*
beta-BHC [2C]		L	0.0500	0.0544	5354936	5807852		8.8	15	_
Decachlorobipher	ıyl	L	0.0500	0.0593	2.059404E+07	2.311694E+07		18.7	15	*
Decachlorobipher	nyl [2C]	L	0.0500	0.0528	9091508	9011152		5.7	15	-
delta-BHC		L	0.0500	0.0619	3.027901E+07	4.232966E+07		(23.9)	15	+
delta-BHC [2C]		L	0.0500	0.0524	1.246811E+07	1.40297E+07		4.8	15	
Dieldrin	C	L	0.0500	0.0594	2.196178E+07	2.820244E+07		18.8	15	*
Dieldrin [2C]		L	0.0500	0.0526	9667719	1.057279E+07		5.1	15	
Endosulfan I		L	0.0500	0.0588	2.1906E+07	2.580802E+07		17.6	15	*
Endosulfan I [2C]		L	0.0500	0.0530	9124541	9811622		6.1	15	
Endosulfan II		L	0.0500	0.0601	1.948607E+07	2.382226E+07		20.3	15	*
Endosulfan II [2C	;]	L	0.0500	0.0382	8296237	6391484		(-23.6)	15	*
Endosulfan sulfat	e	L	0,0500	0.0643	1.520007E+07	2.0313E+07		(28.5)	15	*
Endosulfan sulfat	e [2C]	L	0.0500	0.0585	6627453	7824448		17.1	15	*
Endrin		L	0.0500	0.0528	1.939415E+07	2.189708E+07		5.6	15	-
Endrin [2C]		L	0.0500	0.0460	7851362	7439628		-8.0	15	
the set of								- for a second		-

Endrin aldehyde

L

0.0500

0.0614

1295/3567

1.541457E+07 1.907792E+07

15 \*

22.7

# Form 7 CONTINUING CALIBRATION CHECK

## 8081A

Laboratory:	TestAmerica Buffalo	SDG:	RSL0991
Client:	New York State D.E.C Buffalo, NY	Project:	NYSDEC - REGION 9 REMEDIATION/SPILI
Instrument ID:	<u>HP6890-6</u>	Calibration:	<u>R9K1705</u>
Lab File ID:	<u>6A52052</u>	Calibration Date:	11/13/09 10:31
Sequence:	<u>T000083</u>	Injection Date:	01/07/10
Lab Sample ID:	T000083-CCV1	Injection Time:	<u>07:34</u>

		CONC. (ng/ul)		RESP	ONSE FACT	OR	% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4,4'-DDD	L	0.0500	0.0616	1.632044E+07	2.171238E+07		23.2	15 *	
4,4'-DDD [2C]	L	0.0500	0.0510	7261329	7775698		2.1	15	
4,4'-DDE	L	0.0500	0.0587	2.033105E+07	2.608224E+07	-	17.3	15 *	
4,4'-DDE [2C]	L	0.0500	0.0498	9029385	9339628		-0.4	15	
4,4'-DDT	L	0.0500	0.0518	1.740869E+07	1.831864E+07		3.6	15	
4,4'-DDT [2C]	L	0.0500	0.0444	5888181	5527004		-11.2	15	
Aldrin	L	0.0500	0.0573	2.528359E+07	3.152372E+07		14.6	15	
Aldrin [2C]	L	0.0500	0.0499	1.109008E+07	1.168213E+07		-0.1	15	
alpha-BHC	L	0.0500	0.0660	3.001447E+07	4.396834E+07		32.0	15 *	
alpha-BHC [2C]	L	0.0500	0.0506	1.364757E+07	1.498125E+07		1.1	15	
alpha-Chlordane	L	0.0500	0.0588	2.209511E+07	2.73665E+07		17.5	15 *	
alpha-Chlordane [2C]	L	0.0500	0.0513	9767154	1.015742E+07		2.5	15	
beta-BHC	L	0.0500	0.0617	1.184759E+07	1.466226E+07		23.4	15 *	
beta-BHC [2C]	L	0.0500	0.0527	5354936	5627100		5.4	15	
Decachlorobiphenyl	L	0.0500	0.0578	2.059404E+07	2.255118E+07		15.7	15 *	
Decachlorobiphenyl [2C]	L	0.0500	0.0516	9091508	8805968		3.1	15	
delta-BHC	L	0.0500	0.0597	3.027901E+07	4.071958E+07	-	19.4	15 *	
delta-BHC [2C]	L	0.0500	0.0506	1.246811E+07	1.353622E+07		1.3	15	
Dieldrin	L	0.0500	0.0577	2.196178E+07	2.734642E+07		15.4	15 *	
Dieldrin [2C]	L	0.0500	0.0504	9667719	1.012572E+07		0.8	15	
Endosulfan I	L	0.0500	0.0573	2.1906E+07	2.516346E+07		14.6	15	
Endosulfan I [2C]	L	0.0500	0.0511	9124541	9445476		2.2	15	
Endosulfan II	L	0.0500	0.0581	1.948607E+07	2.299606E+07		16.2	15 *	
Endosulfan II [2C]	L	0.0500	0.0506	8296237	8460596		1.1	15	
Endosulfan sulfate	L	0.0500	0.0628	1.520007E+07	1.983963E+07		25.5	15 \$	
Endosulfan sulfate [2C]	L	0.0500	0.0560	6627453	7481162		11.9	15	
Endrin	L	0.0500	0.0513	1.939415E+07	2.12414E+07		2.6	15	
Endrin [2C]	L	0.0500	0.0449	7851362	7254322		-10.3	15	
Endrin aldehyde	L	0.0500	0.0611	1.541457E+07	1.898265E+07		22.1	15 *	

Form Rev: 11/23/09

1293/3567

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Lab Name: TestAmerica Buffalo SDG No.: DRAFT RSL099 Project: NYSDEC - REGION 9 REMEDIATION/SPILLS CON' Client: New York State D.E.C. - Buffalo, NY Lab Sample ID: RTA0083-06 Date(s) Analyzed: 01/07/2010 01/07/2010 Instrument ID (1): HP6890-6Column 1 Instrument ID ( HP6890-6Column 2 ID: GC Column (1): ID: (mm) GC Column (2): (mm) **RT WINDOW** COL RT CONCENTRATION %D ANALYTE FROM TO 4,4'-DDD 1 17.13 17.31 17.41 3.1 2 19.01 19.23 19.13 2.6 18 17.74 17.92 3.9 4,4'-DDT 1 18.02 2 19.76 19.83 19.93 27 587 16.63 Dieldrin 1 16.52 16.73 1.8 2 18.21 18.26 18.36 0.86 106 17.00 17.14 17.24 1.0 Endrin 1 2 18.87 18.95 19.05 0.83 24 15.34 gamma-Chlordane 1 15.47 15.57 2.5 17.09 0.73 237 2 17.18 17.28

Lab Name: TestAmerica Buffalo SDG No.: DRAFT RSL099 Project: NYSDEC - REGION 9 REMEDIATION/SPILLS CONT Client: New York State D.E.C. - Buffalo, NY Lab Sample ID: RTA0083-02 Date(s) Analyzed: 01/07/2010 01/07/2010 Instrument ID (1): HP6890-6Column 1 Instrument ID (HP6890-6Column 2 ID: GC Column (1): ID: GC Column (2): (mm) (mm) **RT WINDOW** COL RT CONCENTRATION %D ANALYTE FROM TO 1 17.92 34 4,4'-DDT 17.74 18.02 19.93 29 19 2 19.78 19.83 16.63 16.73 12 Dieldrin 1 16.51 2 4.8 18.20 18.26 18.36 142 17.64 17.74 11 Endosulfan II 1 17.47 2 19.34 19.40 19.50 10 7 1 17.00 17.14 17.24 6.4 Endrin 4.2 2 18.86 18.95 19.05 53 15.47 5.6 1 15.33 15.57 gamma-Chlordane 2 17.09 17.18 17.28 2.5 124 15.19 15.29 Heptachlor epoxide 1 15.11 3.6 2 16.66 16.74 16.84 3.7 2

Lab Name: TestAmerica Buffalo SDG No.: DRAFT RSL099 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC - REGION 9 REMEDIATION/SPILLS CONT Lab Sample ID: RSL0991-01 Date(s) Analyzed: 12/30/2009 12/30/2009 Instrument ID (1): HP6890-6Column 1 Instrument ID ( HP6890-6Column 2 GC Column (1): ID: GC Column (2): ID: (mm) (mm)**RT WINDOW** CONCENTRATION ANALYTE COL RT %D FROM TO 4,4'-DDD 1 17.31 17.31 17.41 200 2 19.13 19.23 19.18 130 54 260 4,4'-DDT 1 17.92 17.92 18.02 2 19.98 19.83 19.93 280 6 alpha-Chlordane 1 15.81 15.78 15.88 31 2 17.58 17.51 0 17.61 11 Endosulfan I 1 16.12 16.08 16.18 33 2 17.78 17.65 16 106 17.75 17.68 17.64 17.74 38 Endosulfan II 1 2 19.53 19.40 19.50 160 317 1 17.18 17.14 17.24 42 Endrin 2 58 19.04 18.95 19.05 37 1 15.47 78 gamma-Chlordane 15.48 15.57 2 17.26 17.18 17.28 130 67

- 14 SDG No.: DRAFT RSL099 Lab Name: TestAmerica Buffalo Project: NYSDEC - REGION 9 REMEDIATION/SPILLS CONI Client: New York State D.E.C. - Buffalo, NY Lab Sample ID: RSL0991-02 Date(s) Analyzed: 12/30/2009 12/30/2009 Instrument ID (1): HP6890-6Column 1 Instrument ID ( HP6890-6Column 2 ID: ID: GC Column (1): (mm) (mm) GC Column (2): **RT WINDOW** COL RT CONCENTRATION ANALYTE %D FROM TO 1 4,4'-DDD 17.30 17.31 17.41 4.3 2 19.18 19.13 19.23 2.9 47 17.91 17.92 6.7 4,4'-DDT 1 18.02 2 19.97 19.83 19.93 6.0 11 12.48 12.58 2.5 delta-BHC 1 12.54 2 14.39 14.49 1.8 39 14.48 1 17.68 17.64 17.74 1.0 Endosulfan II 2 19.53 19.40 19.50 2.5 145 17.17 1 17.14 17.24 1.7 Endrin 2 32 19.04 18.95 19.05 1.3 1 15.49 15.47 15.57 3.3 gamma-Chlordane 2 17.26 17.18 17.28 2.2 51 .

Lab Name: TestAmerica Buffalo SDG No.: DRAFT RSL099 Project: NYSDEC - REGION 9 REMEDIATION/SPILLS CONT Client: New York State D.E.C. - Buffalo, NY Lab Sample ID: RTA0083-03 Date(s) Analyzed: 01/07/2010 01/07/2010 Instrument ID (1): HP6890-6Column 1 Instrument ID (HP6890-6Column 2 GC Column (1): ID: ID: (mm) GC Column (2): (mm) **RT WINDOW** COL CONCENTRATION ANALYTE RT %D FROM TO 4,4'-DDT 1 17.74 17.92 18.02 750 2 19.79 19.83 19.93 8 810 240 Dieldrin 1 16.52 16.63 16.73 2 138 100 18.20 18.26 18.36 16.08 71 Endosulfan I 1 15.94 16.18 < mpl 2 17.75 19 0 17.59 17.65 Endosulfan II 17.50 17.64 17.74 72 1 2 19.36 19.40 19.50 730 911 96 1 17.00 17.14 17.24 Endrin 120 25 2 18.86 18.95 19.05 92 1 15.31 15.47 15.57 gamma-Chlordane 2 17.08 17.18 17.28 210 128

1/18/10 1/18/10

	Lab Name: TestAmerica Buffalo					SDG No.:	DRAFT RSL099		
	Client:	New York St	ate D.E.C Bu	ffalo, NY		Project: NYSDEC - REGION 9 R			EDIATION/SPILLS CON
Lab	Sample ID:	RTA0083-04			Date(s	s) Analyzed	01/07/2010	1/07/2010	0
Instru	ment ID (1):	HP6890-6Co	lumn 1	-	Inst	trument ID	(HP6890-6Column 2		
GC	Column (1):		ID:	(mm)	GC	Column (2)	: ID		(mm)
Γ	ANA	ALYTE	COL	RT	RT WI	NDOW	CONCENTRATION	%D	1
			COL		FROM	TO	CONCENTION	, 0,25	
4	1,4'-DDT		1	17.74	17.92	18.02	1200		
			2	19.79	19.83	19.93	1300	10	
I	Dieldrin		1 .	16.52	16.63	16.73	370	-	
			2	18.20	18.26	18.36	75	387	2
Ē	Endosulfan I		1	15.94	16.08	16.18	120	1	2
			2	17.59	17.65	17.75	41	( 185	2
F	Endosulfan II		1	17.51	17.64	17.74	68		
			2	19.37	19.40	19.50	690	913	$\sum$
ŀ	Endrin		1	17.00	17.14	17.24	120	1	X
			2	18.86	18.95	19.05	160	36	2
£	gamma-Chlor	dane	1	15.31	15.47	15.57	220		1
			2	17.08	17.18	17.28	470	(113	2

	Lab Name:	TestAmerica B	uffalo			SDG No.:	DRAFT RSL099		
	Client:	New York State	e D.E.C B	uffalo, NY		Project	NYSDEC - REGION	9 REME	DIATION/SPILLS CONT
La	ab Sample ID:	RTA0083-05	71		Date(s	) Analyzed:	: 01/07/2010 01	/07/2010	
Instr	ument ID (1):	HP6890-6Colu	mn 1		Inst	rument ID (	(HP6890-6Column 2		
G	C Column (1):		ID:	(mm)	GC	Column (2):	: ID:		(mm)
Γ	ANA	LYTE	COL	RT	RT WI	NDOW	CONCENTRATION	%D	1
			_		FROM	TO			
ſ	4,4'-DDT		1	17.74	17.92	18.02	2.6	~	]
			2	19.79	19.83	19.93	1.7	( 52 )	7
-	Endosulfan II		1	17.47	17.64	17.74	1.8	1	
			2	19.35	19.40	19.50	0.73	151	)
-	gamma-Chlor	dane	1	15.34	15.47	15.57	2.3		
	_		2	17.09	17.18	17.28	0.45	413	2

Lab Name: TestAmerica Buffalo SDG No.: DRAFT RSL099 Project: NYSDEC - REGION 9 REMEDIATION/SPILLS CONT Client: New York State D.E.C. - Buffalo, NY Lab Sample ID: RTA0166-01 Date(s) Analyzed: 01/08/2010 01/08/2010 Instrument ID (HP6890-5Column 2 Instrument ID (1): HP6890-5Column 1 ID: GC Column (1): ID: (mm) (mm) GC Column (2): **RT WINDOW** COL CONCENTRATION ANALYTE RT %D FROM TO delta-BHC 1 12.28 12.24 12.34 1.1 2 13 14.19 14.13 14.23 1.3 0.73 Endrin 1 16.89 16.87 16.97 0.98 35 2 18.70 18.67 18.77 18.26 Endrin aldehyde 1 18.32 18.36 4.9 2 19.84 19.94 4.1 19 19.86

Lab Name: TestAmerica Buffalo SDG No.: DRAFT RSL099 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC - REGION 9 REMEDIATION/SPILLS CONT Lab Sample ID: RSL0993-01 Date(s) Analyzed: 01/04/2010 01/04/2010 Instrument ID (1): HP6890-6Column 1 Instrument ID ( HP6890-6Column 2 GC Column (1): ID: ID: (mm) (mm) GC Column (2): **RT WINDOW** COL RT CONCENTRATION ANALYTE %D FROM TO 1 140 alpha-BHC 10.88 10.94 11.04 2 12.46 12.46 12.56 140 1 1 16.63 16.73 220 Dieldrin 16.53 2 18.26 18.36 570 159 18.13 15.34 15.47 15.57 190 gamma-Chlordane 1 2 17.09 17.18 17.28 180 7

Lab Name: 1	TestAmerica Buffalo				SDG No.:	: DRAFT RSL099				
Client:	New York State	York State D.E.C Buffalo, NY Project:		NYSDEC - REGION 9 REMEDIATION/SPILLS CON						
Lab Sample ID:	RSL0993-02			Date(s	s) Analyzed:	01/04/2010 0	1/04/2010	)		
Instrument ID (1):	HP6890-6Colun	nn 1		Inst	trument ID (	HP6890-6Column 2				
GC Column (1):		ID:	(mm)	GC	Column (2):	ID	:	(mm)		
AN	ALYTE	COL	RT	RT WI	NDOW	CONCENTRATION	%D	1		
	BIID		IXI	FROM	ТО	CONCENTION				
4,4'-DDT		1	17.74	17.92	18.02	120				
		2	19.79	19.83	19.93	160	28	7		
Endrin		1	17.03	17.14	17.24	49				
		2	18.87	18.95	19.05	30	.0 4	< MBL		

ANS 118/10

Lab Name: TestAmerica Buffalo SDG No.: DRAFT RSL099 Project: NYSDEC - REGION 9 REMEDIATION/SPILLS CONI Client: New York State D.E.C. - Buffalo, NY Lab Sample ID: RSL0993-03 Date(s) Analyzed: 01/04/2010 01/04/2010 Instrument ID ( HP6890-6Column 2 Instrument ID (1): HP6890-6Column 1 ID: ID: (mm) GC Column (1): (mm) GC Column (2): **RT WINDOW** COL CONCENTRATION ANALYTE RT %D FROM TO 2400 Dieldrin 1 16.50 16.63 16.73 2 1100 118 18.19 18.26 18.36 17.64 17.74 560 Endosulfan II 1 17.48 2 3200 19.40 19.50 467 19.34 17.14 17.24 900 Endrin 1 16.98 2 18.95 19.05 1000 18.85 11 15.30 15.47 15.57 540 gamma-Chlordane 1 143 2 17.07 17.18 17.28 1300 440 15.10 15.19 15.29 Heptachlor epoxide 1 990 124 2 16.65 16.74 16.84

AFT: BM-CONFIRM-

35

Lab Name: TestAmerica Buffalo SDG No.: DRAFT RSL099 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC - REGION 9 REMEDIATION/SPILLS CON'I Lab Sample ID: RSL1135-04 Date(s) Analyzed: 01/05/2010 01/05/2010 Instrument ID (1): HP6890-6Column 1 Instrument ID ( HP6890-6Column 2 GC Column (1): ID: ID: (mm) GC Column (2): (mm) **RT WINDOW** COL CONCENTRATION ANALYTE RT %D ТО FROM 4,4'-DDT 1 17.76 17.92 18.02 1.8 2 19.81 19.83 19.93 28 1.4 Endrin aldehyde 1 18.43 18.56 18.66 0.42 2 20.04 20.23 20.13 0.84 0 gamma-Chlordane 1 15.35 15.47 15.57 0.83 2 17.10 84 17.18 17.28 0.45

Lab Name: TestAmerica Buffalo SDG No.: DRAFT RSL099 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC - REGION 9 REMEDIATION/SPILLS CONT Lab Sample ID: RSL1135-03 Date(s) Analyzed: 01/05/2010 01/05/2010 Instrument ID (1): HP6890-6Column 1 Instrument ID ( HP6890-6Column 2 ID: GC Column (1): ID: GC Column (2): (mm) (mm) **RT WINDOW** ANALYTE COL RT CONCENTRATION %D FROM TO 1 16.63 16.73 Dieldrin 16.53 1.2 2 18.22 18.26 18.36 0.67 85 Endrin 1 17.01 17.14 17.24 0.96 2 18.87 18.95 19.05 0.78 23 15.34 15.47 gamma-Chlordane 1 15.57 1.0 2 17.10 17.18 17.28 67 0.60 1 Heptachlor epoxide 15.13 15.19 15.29 0.54 CMBL 2 0 16.68 16.74 16.84 0.50

Nr3 118/10

Lab Name: TestAmerica Buffalo SDG No.: DRAFT RSL099 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC - REGION 9 REMEDIATION/SPILLS CONT Lab Sample ID: RSL1135-01 Date(s) Analyzed: 01/05/2010 01/05/2010 Instrument ID (1): HP6890-6Column 1 Instrument ID ( HP6890-6Column 2 GC Column (1): ID: ID: GC Column (2): (mm) (mm) **RT WINDOW** ANALYTE COL RT CONCENTRATION %D FROM TO 15.47 1 15.34 15.57 0.80 gamma-Chlordane 2 17.10 17.28 0.43 17.18 87

Lab Name: TestAmerica Buffalo SDG No.: DRAFT RSL099 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC - REGION 9 REMEDIATION/SPILLS CONT Lab Sample ID: RSL1137-01 Date(s) Analyzed: 01/06/2010 01/06/2010 Instrument ID (1): HP6890-6Column 1 Instrument ID ( HP6890-6Column 2 GC Column (1): ID: ID: GC Column (2): (mm) (mm) **RT WINDOW** ANALYTE COL RT CONCENTRATION %D FROM TO 1 17.92 4,4'-DDT 17.80 18.02 2.5 2 19.80 19.83 19.93 1.5 64 Endosulfan II 1 17.52 17.64 17.74 0.40 2 19.34 19.40 19.50 1.5 276

Lab Name: TestAmerica Buffalo SDG No.: DRAFT RSL099 Client: New York State D.E.C. - Buffalo, NY Project: NYSDEC - REGION 9 REMEDIATION/SPILLS CONT Lab Sample ID: RSL1137-02 Date(s) Analyzed: 01/06/2010 01/06/2010 Instrument ID (1): HP6890-6Column 1 Instrument ID ( HP6890-6Column 2 GC Column (1): ID: GC Column (2): ID: (mm) (mm) **RT WINDOW** ANALYTE COL RT CONCENTRATION %D FROM TO 4,4'-DDD 1 17.14 17.31 17.41 4.7 2 19.02 19.13 19.23 3.6 (31 4,4'-DDE 1 15.86 15.98 16.08 3.2 2 17.75 17.95 2.2 46 17.85 4,4'-DDT 1 17.76 17.92 18.02 6.2 2 19.81 19.93 8.9 19.83 43 Endrin 1 17.01 17.14 17.24 1.2 2 18.95 19.05 37 18.88 1.6 Endrin aldehyde 1 18.38 18.56 18.66 1.5 2 20.03 20.13 20.23 1.0 45 15.32 15.47 15.57 2.1 gamma-Chlordane 1 2 17.10 17.18 17.28 3.2 54

# Form 2 SURROGATE STANDARD RECOVERY AND RT SUMMARY

8082

Laboratory:	TestAmerica Buffalo	SDG:	RSL0991
Client:	New York State D.E.C Buffalo, NY	Project:	NYSDEC - REGION 9 REMEDIATION/SPILL
Sequence:	<u>T000117</u>	Instrument:	<u>HP5890-19</u>
Matrix:	Solid	Calibration:	<u>R9K2012</u>

Surrogate Compound	Spike Level ug/kg dry	% Recove <del>r</del> y	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
BM-CONFIRM-C8-F (RTA0166-01)         Lab File ID: 19A109-184         Analyzed: 01/07/10 12:45								
Decachlorobiphenyl	8.06	45	34 - 148	5.628751	5.670267	-0.0415	+/-1.0	
Decachlorobiphenyl [2C]	8.06	81	34 - 148	5.314621	5.329915	-0.0153	+/-1.0	
Tetrachloro-m-xylene	8.06	21	35 - 134	1.545716	1.572521	-0.0268	+/-1.0	*
Tetrachloro-m-xylene [2C]	8.06	(27)	35 - 134	1.259996	1.251859	0.0081	+/-1.0	*

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# Form 2 SURROGATE STANDARD RECOVERY AND RT SUMMARY

8082	
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Laboratory:	TestAmerica Buffalo	SDG:	RSL0991
Client:	New York State D.E.C Buffalo, NY	Project:	NYSDEC - REGION 9 REMEDIATION/SPILL
Sequence:	<u>RL92917</u>	Instrument:	<u>HP5890-19</u>
Matrix:	Solid	Calibration:	<u>R9K2012</u>

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
BM-CONFIRM-C1-F (RSL0			Lab File ID:	19A108-213	Analyzed	l: 12/29/09 09	):49	
Decachlorobiphenyl	7.28		34 - 148	5.634228	5.670267	-0.0360	+/-1.0	*
Decachlorobiphenyl [2C]	7.28		34 - 148	5.327165	5.329915	-0.0027	+/-1.0	*
Tetrachloro-m-xylene	7.28	17	35 - 134	1.545025	1.572521	-0.0275	+/-1.0	*
Tetrachloro-m-xylene [2C]	7.28		35 - 134	1.259417	1.251859	0.0076	+/-1.0	+
BM-CONFIRM-C2-F1 (RSL	0991-02)		Lab File ID:	19A108-214	Analyzed	1: 12/29/09 10	):03	1
Decachlorobiphenyl	7.88	69	34 - 148	5.634838	5.670267	-0.0354	+/-1.0	Г
Decachlorobiphenyl [2C]	7.88	112	34 - 148	5.326991	5.329915	-0.0029	+/-1.0	-
Tetrachloro-m-xylene	7.88	66	35 - 134	1.545796	1.572521	-0.0267	+/-1.0	
Tetrachloro-m-xylene [2C]	7.88	85	35 - 134	1.259021	1.251859	0.0072	+/-1.0	
BM-CONFIRM-W1 (RSL09	93-01)		Lab File ID:	19A108-215	Analyzed	1: 12/29/09 10	):18	
Decachlorobiphenyl	10.2		34 - 148	5.635378	5.670267	-0.0349	+/-1.0	*
Decachlorobiphenyl [2C]	10.2		34 - 148	5.324195	5.329915	-0.0057	+/-1.0	*
Tetrachloro-m-xylene	10.2		35 - 134	1.542975	1.572521	-0.0295	+/-1.0	+
Tetrachloro-m-xylene [2C]	10.2		35 - 134	1.260067	1,251859	0.0082	+/-1.0	*
BM-CONFIRM-W2 (RSL09	93-02)		Lab File ID:	19A108-216	Analyzed	d: 12/29/09 10	):32	
Decachlorobiphenyl	9.84	(162)	34 - 148	5.633531	5.670267	-0.0367	+/-1.0	*
Decachlorobiphenyl [2C]	9.84	94	34 - 148	5.326166	5.329915	-0.0037	+/-1.0	1
Tetrachloro-m-xylene	9.84	61	35 - 134	1.546368	1.572521	-0.0262	+/-1.0	
Tetrachloro-m-xylene [2C]	9.84	82	35 - 134	1.259801	1.251859	0.0079	+/-1.0	T
BM-CONFIRM-W3 (RSL09	93-03)		Lab File ID:	19A108-217	Analyze	d: 12/29/09 10	0:4 <b>6</b>	
Decachlorobiphenyl	10.0		34 - 148	5.635478	5.670267	-0.0348	+/-1.0	*
Decachlorobiphenyl [2C]	10.0		34 - 148	5.310213	5.329915	-0.0197	+/-1.0	*
Tetrachloro-m-xylene	10.0		35 - 134	1.542063	1.572521	-0.0305	+/-1.0	*
Tetrachloro-m-xylene [2C]	10.0		35 - 134	1.259428	1.251859	0.0076	+/-1.0	*

## Form 1 ORGANIC ANALYSIS DATA SHEET

#### 8082

Laboratory:	TestAmerica	Buffalo		SDG:	RSL0991		
Client:	New York Sta	ate D.E.C Buffal	<u>0, NY</u>	Project:	NYSDEC - RE	GION 9 REMEDI	ATION/SPILL
Matrix:	Solid	Labor	atory ID: <u>10A0(</u>	45-BLK1	File ID:	<u>7a104_148</u>	
Sampled:		Prepar	red: <u>01/04/</u>	<u>10 19:00</u>	Analyzed:	01/05/10 10:36	
Solids:		Ргера	ration: <u>3550E</u>	GC	Initial/Final:	<u>30.27 g / 10 m</u>	<u>L</u>
Batch:	<u>10A0045</u>	Sequence:	<u>T000027</u>	Calibration:	<u>R9K1707</u>	Instrument:	<u>HP6890-7</u>
CAS NO.	COMPOUND	)	14	DILUTION	CONC	C. (ug/kg)	Q
12674-11-2	Aroclor 1016			1		17	
11104-28-2	Aroclor 1221			1		17	
11141-16-5	Aroclor 1232			1	17		U
53469-21-9	Aroclor 1242			1		U	
12672-29-6	Aroclor 1248			1		U	
11097-69-1	Aroclor 1254			1		3.6	J
11096-82-5	Aroclor 1260			1		17	U
SYSTEM MO	NITORING CC	MPOUND	ADDED (ug/kg	) CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobip	henyl		6.61	6.08	92	34 - 148	
Tetrachloro-m	-xylene		6.61	6.85	104	35 - 134	

\* Values outside of QC limits

## Form 1 ORGANIC ANALYSIS DATA SHEET

8082

Laboratory:	TestAmerica	<u>Buffalo</u>		SDG:	RSL0991		
Client:	New York St	ate D.E.C Buffalo	<u>o, NY</u>	Project:	NYSDEC - RE	GION 9 REMED	ATION/SPILL
Matrix:	Solid Laboratory ID: 10A00			0045-BLK1	File ID:	<u>7b104_148</u>	
Sampled:		Prepar	red: <u>01/(</u>	04/10 19:00	Analyzed:	01/05/10 10:36	i
Solids:		Ртерат	ration: <u>355</u>	<u>0B GC</u>	Initial/Final:	<u>30.27 g / 10 m</u>	<u>L</u>
Batch:	<u>10A0045</u>	Sequence:	<u>T000027</u>	Calibration:	<u>R9K1707</u>	Instrument:	<u>HP6890-7</u>
CAS NO.	COMPOUNI	)		DILUTION	CON	C. (ug/kg)	Q
12674-11-2	Aroclor 1016	[2C]		1		17	U
11104-28-2	Aroclor 1221	[2C]		1		17	U
11141-16-5	Aroclor 1232	[2C]		1		17	U
53469-21-9	Aroclor 1242	[2C]		1		17	U
12672-29-6	Aroclor 1248	[2C]		1		17	U
11097-69-1	Aroclor 1254	[2C]		1		3.7	J
11096-82-5	Aroclor 1260	[2C]		1		17	U
SYSTEM MO	NITORING CO	MPOUND	ADDED (ug/	kg) CONC (ug/kg	) % REC	QC LIMITS	Q
Decachlorobip	henyl [2C]		6.61	6.82	103	34 - 148	
Tetrachloro-m-	xylene [2C]		6.61	6.88	104	35 - 134	

\* Values outside of QC limits

**BM-CONFIRM-C1-F** 

Lab Name:	TestAmerica E	Buffalo		SDG No.: DRAFT RSL099					
Client:	New York Stat	te D.E.C	Buffalo, 1	NY	_ Ргој	ect: NYSD	EC - REGIO	ON 9 REM	EDIATION/SPILLS CONTR
Lab Sample ID:	RSL0991-01			Date	(s) Analyz	zed: 12/29/2	2009	12/29/20	09
Instrument ID (1):	HP5890-19			In	strument	D ( HP589			
GC Column (1):	C Column (1): ID: (		(mr	n) GC	C Column	(2):	I	D:	(mm)
	ANALYTE		RT	RTWD	NDOW	CONCEN	TRATION		
		PEAK	K1	FROM	ТО	PEAK	MEAN	%D	
Aroclor 1248		1	2.48	-0.05	0.05	240			
		2	2.60	-0.05	0.05	3800	1		
COLUMN 1		3	2.75	-0.05	0.05	1400	1		
COLUMINI		4	3.06	-0.05	0.05	2600	1		
							2000		
Aroclor 1248		1	2.79	-0.05	0.05	1900			]
		2	2.86	-0.05	0.05	4000			
COLUMN 2		3	2.99	-0.05	0.05	3300			
COLONIA 2		4	3.21	-0.05	0.05	5800		5	
							3700	( 85 )	0
Aroclor 1254		1	3.22	-0.05	0.05	3400		0	
		2	3.49	-0.05	0.05	3300			
COLUMN 1		3	3.67	-0.05	0.05	3100			
COLONE I		4	4.03	-0.05	0.05	2600			
							3100		
Aroclor 1254		1	3.29	-0.05	0.05	3800			
		2	3.41	-0.05	0.05	3800			
COLUMN 2		3	3.52	-0.05	0.05	3300			
		4	3.80	-0.05	0.05	3000			
	-						3500	12	1
Aroclor 1260		1	4.51	4.46	4.56	630			
		2	4.72	4.67	4.77	770			
COLUMN 1		3	5.03	4.98	5.08	530			
		4	5.16	5.11	5.21	410			
							590		
Aroclor 1260		1	4.08	4.03	4.13	1800	-		
		2	4.22	4.17	4.27	810	4		
COLUMN 2		3	4.51	4.46	4.56	790	4	-	
		4	4.88	4.83	4.93	560			
							980	67	4

BM-CONFIRM-C2-F1

Lab Name: Te	stAmerica Buf	falo			o.: DRAFT RSL099				
Client: Ne	w York State	D.E.C	Buffalo, 1	YY	Ргој	ect: NYSD	EC - REGIO	ON 9 REM	EDIATION/SPILLS CONTI
Lab Sample ID: RS	L0991-02			Date	(s) Analyz	zed: 12/29/2	2009	12/29/20	09
nstrument ID (1):HP5	5890-19			Instrument ID ( HP5890-19					-
GC Column (1):	Π	D:	(mr	(mm) GC Column (2):			Ι	D:	(mm)
ANALYI	TE I	PEAK	RT	RT WD	NDOW	CONCEN	TRATION		1
111111111			KI .	FROM	TO	PEAK	MEAN	%D	
Aroclor 1248		1	0.00	-0.05	0.05	0.0			
		2 [	2.60	-0.05	0.05	40	]		-
COLUMN 1		3 [	2.75	-0.05	0.05	13			
		4	3.06	-0.05	0.05	31			
8	-		2.70	0.05	0.05	21	28		
Aroclor 1248		1 2	2.79	-0.05	0.05	21 52	-		
		3	2.80	-0.05	0.05	41	1		
COLUMN 2		4	3.21	-0.05	0.05	110	1		
				0.05	0.05	110	56	100	
Aroclor 1254		1	3.22	-0.05	0.05	46		$\sim$	
		2 [	3.49	-0.05	0.05	46	]		
COLUMN 1		3	3.67	-0.05	0.05	48			
		4	4.03	-0.05	0.05	41			
			2.00	0.05	0.05		45		
Aroclor 1254		1 2	3.29	-0.05	0.05	60 64	-		
		3	3.52	-0.05	0.05	56	-		
COLUMN 2		4	3.80	-0.05	0.05	53			
			5.00	0.05	0.05		58	29	
Aroclor 1260		1	4.51	4.46	4.56	12		-	1
		2	4.72	4.67	4.77	13	1		
COLUMN 1		3	5.03	4.98	5.08	5.1	]		
002000111		4	5.16	5.11	5.21	4.7			
	-						8.7		-
Aroclor 1260		1	4.08	4.03	4.13	33	-		
		2	4.22	4.17	4.27	16	-		
COLUMN 2		3	4.51	4.46	4.56	14	-	1	
		4	4.88	4.83	4.93	9.5	18	108	$\mathbf{D}$
							10	100	

**BM-CONFIRM-W1** 

Lab Name:	TestAmerica B	uffalo			SDG N	Io.: DRAF	DRAFT RSL099			
Client:	New York Stat	e D.E.C	Buffalo, N	١Y	– Proje	ect: NYSD	EC - REGIO	N 9 REM	EDIATION/SPILLS CONTH	
Lab Sample ID:	RSL0993-01			Date	(s) Analyz	ed: 12/29/2	2009	12/29/20	09	
Instrument ID (1):	HP5890-19			lr	istrument I	D ( HP589	0-19		_	
GC Column (1):		ID:	(mn	a) GC Column (2):			IJ	D:	(mm)	
ANA	LYTE	PEAK	RT	RT WINDOW		CONCENTRATION			1	
	MALITE		N1	FROM TO		PEAK	MEAN	%D		
Aroclor 1248		1	2.49	-0.05	0.05	9600			1	
		2	2.63	-0.05	0.05	2400	1			
COLUMN 1		3	2.76	-0.05	0.05	2000	1			
		4	3.06	-0.05	0.05	2800	1			
							4200			
Aroclor 1248		1	2.79	-0.05	0.05	2200			]	
		2	2.82	-0.05	0.05	2300	1			
COLUMN 2		3	2.99	-0.05	0.05	5700	1			
COLOMITZ		4	3.21	-0.05	0.05	12000		2		
							5600	(32)		
Aroclor 1254		1	3.22	-0.05	0.05	3900		0	1	
		2	3.49	-0.05	0.05	5000	1			
COLUMN 1	-	3	3.67	-0.05	0.05	3500	1			
COLOMITI		4	4.04	-0.05	0.05	5100				
							4400			
Aroclor 1254		1	3.28	-0.05	0.05	5600		1		
		2	3.41	-0.05	0.05	5200				
COLUMN 2		3	3.52	-0.05	0.05	4200	]			
CODOMITE		4	3.80	-0.05	0.05	7100		-		
							5500	(27)		
Aroclor 1260		1	4.51	4.46	4.56	1500				
		2	4.72	4.67	4.77	1700				
COLUMN 1		3	5.03	4.98	5.08	2000				
COLOMICI		4	5.16	5.11	5.21	1600				
							1700			
Aroclor 1260		1	4.08	4.03	4.13	3400				
		2	4.21	4.17	4.27	1900				
COLUMN 2		3	4.52	4.46	4.56	2700				
		4	4.88	4.83	4.93	2100		()		
							2500	51	<i>.</i>	

**BM-CONFIRM-W2** 

Lab Name:	TestAmerica	Buffalo		SDG No.: DRAFT RSL099					
Client:	New York St	ate D.E.C	Buffalo, 1	Y	Ргој	ect: NYSD	EC - REGIO	ON 9 REM	EDIATION/SPILLS CONT
Lab Sample ID:	RSL0993-02		1.1.	Date	(s) Analyz	zed: 12/29/2	2009	12/29/20	09
instrument ID (1):	HP5890-19			In	strument ]	ID ( HP589		-	
GC Column (1):		ID:	(mr	n) GC	) GC Column (2):			D:	(mm)
ANAI	VTF	PEAK	RT	RTWI	NDOW	CONCEN	TRATION		1
11111	ANALYTE		KI	FROM	ТО	PEAK	MEAN	%D	
Aroclor 1248		1	2.49	-0.05	0.05	310			
		2	2.60	-0.05	0.05	170	]		
COLUMN 1		3	2.76	-0.05	0.05	82			
		4	3.06	-0.05	0.05	160	180		
Aroclor 1248		1	0.00	-0.05	0.05	0.0	100		
AIUCIOI 1240		2	2.86	-0.05	0.05	290			
COLUMN 2		- 3	2.99	-0.05	0.05	170			
COLOMIN 2		4	3.21	-0.05	0.05	370	1	$\cap$	
							280	(53)	
Aroclor 1254		1	3.22	-0.05	0.05	210			
		2	3.49	-0.05	0.05	340			
COLUMN 1		3	3.66	-0.05	0.05	260			
		4	4.03	-0.05	0.05	530			
							330		-
Aroclor 1254		1	3.29	-0.05	0.05	360	4		
		- 2	3.42	-0.05	0.05	280	4		
COLUMN 2		3	3.52	-0.05	0.05	440			
		4	3.80	-0.05	0.05	490	390	18	
Aroclor 1260		1	4.51	4.46	4.56	310	550		-
		2	4.73	4.67	4.77	380	1		1
COLUMN 1		3	5.03	4.98	5.08	200	1		
COLONIA		4	5.16	5.11	5.21	610			
			4.00				370		4
Aroclor 1260		1	4.08	4.03	4.13	930	-		
		2	4.22	4.17	4.27	440			
COLUMN 2		3	4.51	4.46	4.56	560	4		
		4	4.88	4.83	4.93	850	690	86	
				1			090	00	1

**BM-CONFIRM-W3** 

Lab Name:	TestAmerica B	uffalo		SDG No.: DRAFT RSL099									
Client:	New York Stat	e D.E.C	Buffalo, N	ΥY	Proj	ect: NYSD	EC - REGI	ON 9 REM	EDIATION/SPILLS CONTI				
Lab Sample ID:	RSL0993-03		M	Date	e(s) Analyz	zed: 12/29/2	2009	12/29/2009					
Instrument ID (1):	strument ID (1):HP5890-19					Instrument ID ( HP5890-19							
GC Column (1):	GC Column (1): ID:			1) G(	C Column	(2):	]	D:	(mm)				
ANA	LYTE	PEAK	RT	RT WI	NDOW	CONCEN	TRATION		[				
				FROM	ТО	PEAK	MEAN	%D					
Aroclor 1254		1	3.22	-0.05	0.05	22000							
		2	3.48	-0.05	0.05	22000							
COLUMN 1		3	3.66	-0.05	0.05	41000							
		4	4.03	-0.05	0.05	52000	0.4000						
							34000						
Aroclor 1254			3.30	-0.05	0.05	38000							
		23	3.41 3.52	-0.05	0.05	42000							
COLUMN 2		4	3.80	-0.05	0.05	53000							
		4	5.60	-0.05	0.05	33000	52000	(51)					
Aroclor 1260		1	4.51	4.46	4.56	52000		$\nabla$					
		2	4.72	4.67	4.77	54000							
COLUMN 1		3	5.03	4.98	5.08	43000							
		4	5.16	5.11	5.21	49000							
							50000						
Aroclor 1260		1	4.08	4.03	4.13	57000							
		2	4.21	4.17	4.27	51000							
COLUMN 2		3	4.51	4.46	4.56	55000		2					
	4	4.88	4.83	4.93	60000	56000	12						

BM-CONFIRM-C4-F

Lab Name:	TestAmerica E	Г RSL099								
Client: 1	New York Sta	te D.E.C	Buffalo, N	IY	_ Proj	ect: NYSD	EC - REGI	ON 9 REM	EDIATION/SPILLS CONT	
Lab Sample ID: 1	RSL1135-03			Date(s) Analyzed: 01/06/2010				01/06/2010		
nstrument ID (1):H	P6890-7			In	strument	D ( HP689	0-7		_	
GC Column (1):	GC Column (1): ID:			l) G(	C Column	(2):	1	D:	(mm)	
ANAL	ANALYTE PEA			RT WD	NDOW	CONCENTRATIC		l	1	
			RT	FROM	ТО	PEAK	MEAN	%D		
Aroclor 1254		1	3.56	-0.05	0.05	8.1			1	
		2 [	3.85	-0.05	0.05	8.1	]			
COLUMN 1		3 [	4.04	-0.05	0.05	10		1		
		4	4.44	-0.05	0.05	11	9.4	-		
Aroclor 1254		1	3.63	-0.05	0.05	8.2	7.4		-	
Alocior 1254		2	3.77	-0.05	0.05	9.5	1			
		3	4.07	-0.05	0.05	7.3	1			
COLUMN 2		4	4.19	-0.05	0.05	7.0				
							8.0	17		
Aroclor 1260		1	4.96	4.91	5.01	5.0			1	
(Beecontermine)		2 [	5.20	5.14	5.24	5.5				
COLUMN 1		3 [	5.30	5.25	5.35	6.3	]			
		4	5.68	5.63	5.73	6.0				
							5.7		_	
Aroclor 1260		1	4.28	4.23	4.33	4.6				
		2	4.49	4.44	4.54	7.9		No.		
COLUMN 2		3	4.63	4.58	4.68	6.0	1			
		4	4.96	4.91	5.01	11	7.3	28	)	

**BM-CONFIRM-W4** 

Lab Name: TestAmerica	Buffalo		SDG No.: DRAFT RSL099							
Client: New York S	tate D.E.C	Buffalo, 1	NY	Proj	ect: NYSD	EC - REGI	ON 9 REMI	EDIATION/SPILLS CONTI		
Lab Sample ID: RSL1137-01	l		Date	e(s) Analyz	zed: 01/06/2	2010	01/06/20	01/06/2010		
Instrument ID (1):HP6890-7			Ir							
GC Column (1):	(mn	n) G(	C Column	(2):	ID: (mm)					
ANALYTE	PEAK	RT	RT WI	NDOW	CONCEN	TRATION				
			FROM	ТО	PEAK	MEAN	%D			
Aroclor 1254	1	3.56	-0.05	0.05	42					
	2	3.85	-0.05	0.05	64					
COLUMN 1	3	4.04	-0.05	0.05	65					
	4	4.44	-0.05	0.05	88	65				
Aroclor 1254	1	3.63	-0.05	0.05	68	05				
Afocior 1254	2	3.77	-0.05	0.05	64	1				
COLUBALO		4.07	-0.05	0.05	56	1				
COLUMN 2	4	4.18	-0.05	0.05	170	1	0			
						90	(39)			
Aroclor 1260	1	4.96	4.91	5.01	57					
	2	5.19	5.14	5.24	45					
COLUMN 1	3	5.30	5.25	5.35	75					
	4	5.68	5.63	5.73	47					
			100	1.00	100	56		-		
Aroclor 1260	1	4.31	4.23	4.33	180	-				
	- 2 3	4.49	4.44	4.54	75	-				
COLUMN 2	4	4.96	4.58	5.01	53		$\square$			
		1.70	1.7.7	5.01		94	( 69 )			
	_									

**BM-CONFIRM-C6-F** 

Lab Name:	TestAmerica B	uffalo		SDG No.: DRAFT RSL099						
Client:	New York Stat	e D.E.C	Buffalo, N	NΥ	Proj	ect: NYSD	EC - REGIO	ON 9 REMI	EDIATION/SPILLS CO	NTI
Lab Sample ID:	RTA0082-01			Date	(s) Analy	zed: 01/05/2	2010	01/05/20	10	
Instrument ID (1):	HP6890-7			Īr		-				
GC Column (1): ID:			(mn	n) GG	C Column	D:	(mm)			
ANALYTE PEAK			RT	RT WI	NDOW	CONCENTRATIO				
	DITE		N1	FROM	то	PEAK	MEAN	%D		
Aroclor 1254			3.56	-0.05	0.05	52				
		2	3.86	-0.05	0.05	58	]			
COLUMN 1		3	4.05	-0.05	0.05	53				
		4	4.45	-0.05	0.05	63		F		
							56			
Aroclor 1254		1	3.63	-0.05	0.05	53				
	;	2	3.76	-0.05	0.05	52	1			
COLUMN 2		3	4.07	-0.05	0.05	57				
		4	4.19	-0.05	0.05	62		1		
			1.07	1.01	<b>F</b> 01	- 0.1	20	1		
Aroclor 1260		1 1					-			
			And the second sec				-			
COLUMN 1		1 P					{			
		*	5.00	3.05	5.75	3.5	1 77			
Angelog 1960			4.28	4.73	1 33	28	1.7	Concernation of		
AFOCIOF 1200							1			
COLUMBIA							1			
COLUMN 2		4					1			
							21	175		
COLUMN 2 Aroclor 1260 COLUMN 1 Aroclor 1260 COLUMN 2		4 1 2 3 4 1 2 3	4.07 4.19 5.19 5.30 5.68 4.28 4.49 4.63 4.96	-0.05 -0.05 4.91 5.15 5.25 5.63 4.23 4.44 4.58 4.91	0.05 0.05 5.01 5.25 5.35 5.73 4.33 4.54 4.68 5.01	57         62         8.1         12         5.1         5.3         28         29         11         16	56 7.7 21	1		

**BM-CONFIRM-C7-F** 

Lab Name: TestAmer	ica Buffalo		SDG No.: DRAFT RSL099						
Client: New York	state D.E.C	Buffalo, 1	YY	Proj	ect: NYSD	EC - REGIO	ON 9 REM	IEDIATION/SPILLS	CONT
Lab Sample ID: RTA0082	-02		Date	(s) Analy:	zed: 01/05/2	2010	01/05/2010		
Instrument ID (1):HP6890-7			In						
GC Column (1):	(mr	n) G(	C Column	D:	(mm)				
ANALYTE	PEAK	RT	RT WI	NDOW	CONCEN	TRATION	<b></b>	7	
AUGULTIE		MI	FROM	ТО	PEAK	MEAN	%D		
Aroclor 1254	1	3.56	-0.05	0.05	11		1	1	
	2	3.85	-0.05	0.05	14				
COLUMN 1	3	4.04	-0.05	0.05	18				
	4	4.45	-0.05	0.05	27	1.0			
						18		_	
Aroclor 1254		3.64	-0.05	0.05	16	4			
	2	3.77	-0.05	0.05	16				
COLUMN 2	3 4	4.07	-0.05	0.05	17	-			
	4	4.19	-0.05	0.05	30	20	13		
Aroclor 1260		4.96	4.91	5.01	17			-	
	2	5.20	5.15	5.25	17	1			
COLUMN 1		5.30	5.25	5.35	16				
COLOIVIN	4	5.68	5.63	5.73	16	1			
						17			
Aroclor 1260	1	4.28	4.23	4.33	22				
2000	2	4.49	4.44	4.54	21				
COLUMN 2	3	4.63	4.58	4.68	20				
	4	4.96	4.91	5.01	21		00		
		-2.00 - 0				21	28		

**BM-CONFIRM-W8** 

Lab Name: TestAmeric	ca Buffalo		SDG No.: DRAFT RSL099							
Client: New York	State D.E.C	Buffalo, N	Y	Proj	ect: NYSD	EC - REGIO	ON 9 REMI	EDIATION/SPI	LLS CONTE	
Lab Sample ID: RTA0083-	03		Date	(s) Analyz	zed: 01/07/2	01/07/2010				
Instrument ID (1):HP5890-19	trument ID (1):HP5890-19					0-19		-		
GC Column (1):	) G(	C Column	(2):	Ι	D:	(mm)				
ANALYTE	RT	RT WI	NDOW	CONCENTRATIO						
	PEAK		FROM	TO	PEAK	MEAN	%D			
Aroclor 1254	1	3.22	-0.05	0.05	6000					
	2	3.48	-0.05	0.05	5100	]				
COLUMN 1	—   3 [	3.66	-0.05	0.05	6800					
	4	4.03	-0.05	0.05	6700	6200				
Aroclor 1254	1	3.28	-0.05	0.05	8200	0200				
Arocior 1234		3.41	-0.05	0.05	9600					
COLUMBIA	$-1_{3}^{-1}$	3.51	-0.05	0.05	12000	1				
COLUMN 2	4	3.79	-0.05	0.05	8800	1	1	5		
						9800	59	Y		
Aroclor 1260	1	4.50	4.46	4.56	4600			1		
	2 [	4.72	4.67	4.77	4600					
COLUMN 1	— 3 [	5.02	4.98	5.08	4800					
	4	5.15	5.11	5.21	3800	4400				
4 1 12 (0	1	4.07	4.02	4.12	7300	4400		-		
Aroclor 1260	2	4.07	4.02	4.12	5700					
	$- \frac{2}{3}$	4.50	4.45	4.55	5800	1				
COLUMN 2	4	4.87	4.82	4.92	5300	]	1			
					6000	36	)			

**BM-CONFIRM-W9** 

Lab Name: TestAmeri	ca Buffalo			SDG 1	No.: DRAF	TRSL099					
Client: New York	State D.E.C	Buffalo, 1	YY	Proj	ect: NYSD	EC - REGIO	ON 9 REMI	EDIATION/SPILLS CONTI			
Lab Sample ID: RTA0083-	-04		Date	e(s) Analyz	zed: 01/07/2	2010	01/07/20	10			
Instrument ID (1):HP5890-19			Instrument ID (HP5890-19								
GC Column (1):	(mn	(mm) GC Column (2): ID:					(mm)				
ANALYTE	PEAK	RT	RT WI	NDOW	CONCEN	TRATION					
			FROM	ТО	PEAK	MEAN	%D				
Aroclor 1254	1	3.21	-0.05	0.05	17000		1				
	2	3.48	-0.05	0.05	16000						
COLUMN 1	3	3.66	-0.05	0.05	18000						
	4	4.03	-0.05	0.05	16000						
						17000		-			
Aroclor 1254	1	3.28	-0.05	0.05	20000						
	2	3.40	-0.05	0.05	22000						
COLUMN 2	3	3.51	-0.05	0.05	22000						
	4	3.79	-0.05	0.05	20000	01000	25				
						21000	25	4			
Aroclor 1260	1	4.50	4.46	4.56	5200	4					
	2	4.72	4.67	4.77	6100	4					
COLUMN 1	3	5.02	4.98	5.08	4600	•					
	4	5.15	5.11	5.21	3800	4900					
	1	4.07	4.02	4.10	12000	4900		4			
Aroclor 1260	2		4.02	4.12							
		4.20	4.15	4.25	6800 6700	-					
COLUMN 2	4	4.30	4.43	4.55	5100	-					
	T	4.07	-1.02	4.32	5100	7800	58				

#### Form 5A

## MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

### 6010B

Laboratory:	TestAmerica Buffalo	SDG:	RSL0991
Client:	New York State D.E.C Buffalo, NY	Project:	NYSDEC - REGION 9 REMEDIATION/SPILL
Matrix:	Solid	Spike standard:	9120572
Batch:	<u>10A0030</u>	Laboratory ID:	<u>10A0030-MS1</u>
Preparation:	<u>3050B</u>	Initial/Final:	<u>0.4625 g / 50 mL</u>

Source Sample Name: <u>BM-CONFIRM-C3-F</u>

COMPOUND	SPIKE ADDED	UNITS	SAMPLE CONCENTRATION	MS CONCENTRATION	MS % REC. #	QC LIMITS REC.
Arsenic	52.8	mg/kg dry	7.55	53.8	88	75 - 125
Barium	52.8	mg/kg dry	85.9	129	81	75 - 125
Cadmium	52.8	mg/kg dry	ND	43.3	82	75 - 125
Chromium	52.8	mg/kg dry	18.8	63.0	84	75 - 125
Lead	52.8	mg/kg dry	11.3	58.7	90	75 - 125
Selenium	52.8	mg/kg dry	ND	43.9	83	75 - 125
Silver	13.2	mg/kg dry	ND	11.2	85	75 - 125

	SPIKE		MSD	MSD		QC	LIMITS
COMPOUND	ADDED	UNITS	CONCENTRATION	% REC. #	% RPD #	RPD	REC.
Arsenic	46.2	mg/kg dry	47.4	86	13	20	75 - 125
Barium	46.2	mg/kg dry	113	59 *	13	20	75 - 125
Cadmium	46.2	mg/kg dry	37.1	80	15	20	75 - 125
Chromium	46.2	mg/kg dry	55.5	80	13	20	75 - 125
Lead	46.2	mg/kg dry	51.5	87	13	20	75 - 125
Selenium	46.2	mg/kg dry	38.0	82	14	20	75 - 125
Silver	11.5	mg/kg dry	9.80	85	14	20	75 - 125

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

### Form 8

## SERIAL DILUTION

#### 6010B

Laboratory: TestAmerica Buffalo

Client: New York State D.E.C. - Buffalo, NY

Matrix: Solid

Sequence: T000034

Preparation: 10A0030

### Source Sample Name: BM-CONFIRM-C3-F

SDG: RSL0991

Project: NYSDEC - REGION 9 REMEDIATION/SPILLS

Laboratory ID: T000034-SRD1

Lab Source ID: RSL1135-01

Initial/Final: 0.4598 / 50

ource Sample Nam	e: <u>BM-CONFIRM-C3-I</u>	2		%	Solids: <u>81.86</u>			
Analyte	Initial Sample Result (I) mg/L	с	Serial Dilution Result (S) mg/L	с	% Difference	Q	Method	QC Limits % Difference
Arsenic	0.0568		0.0678	1	(19)	*	6010B	10
Barium	0.646		0.834		(29) #	+	6010B	10
Cadmium	ND		ND				6010B	10
Chromium	0.141		0.180		28	*	6010B	10
Lead	0.0852		0.0955		12	*	6010B	10
Selenium	ND		ND				6010B	10
Silver	ND		ND				6010B	10

\* Values outside of QC limits # Values >MDL

**BM-CONFIRM-C3-F** 

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STL-4124	Client

STL-4124 (0901)					
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Custody Record		Severn Trent	Severn Trent Laboratories, Inc.	
511-4124  0901)				
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THE LEADER IN ENVIRONMENTAL TESTING

New York State D.E.C. - Buffalo, NY 270 Michigan Avenue Buffalo, NY 14203 SDG Number: RTA0227

Received: 01/07/10-01/13/10 Reported: 01/26/10 11:21

Project: NYSDEC - Bengart & Memel : Site# 915115 Project Number: NYSDEC-0032

#### CASE NARRATIVE

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. field-pH), they were not analyzed immediately, but as soon as possible after laboratory receipt.

There are pertinent documents appended to this report, 5 pages, are included and are an integral part of this report. Reproduction of this analytical report is permitted only in its entirety. This report shall not be reproduced except in full without the written approval of the laboratory.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

## Form 5A ANALYSIS BATCH (SEQUENCE) SUMMARY 8270C

Laboratory:	TestAmerica Buffalo		SDG:	RTA0227
Client:	New York State D.E.C	Buffalo, NY	Project:	NYSDEC - REGION 9 REMEDIATION/SPILLS CO
Sequence:	T000133		Instrument:	<u>HP5973U</u>
			Calibration:	<u>R9L1301</u>
Sample Name	L	ab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	T	000133-TUN1	U7595.D	01/13/10 09:56
Calibration Check	T	000133-CCV1	U7596.D	01/13/10 10:11
Calibration Check	T	000133-CCV2	U7597.D	01/13/10 10:35
Blank	10	A0410-BLK2	U7613.D	01/13/10 16:58
LCS	1	0A0410-BS2	U7614.D	01/13/10 17:22
LCS Dup	10	0A0410-BSD2	U7615.D	01/13/10 17:46
BM-CONFIRM-W	/10	RTA0319-01	U7616.D	01/13/10 18:10

#### **CONTINUING CALIBRATION CHECK**

### 8270C

Laboratory: <u>TestAmerica</u>			in SD	14 JA	RTA0227			
Client: <u>New York S</u>	tate D.E.C Bu	<u>ıffalo, NY</u>	Pro	ject:	NYSDEC - 1	REGION 9 R	EMEDIATIO	N/SPILLS C
nstrument ID: <u>HP5973U</u>			Cal	ibration:	<u>R9L1301</u>			
ab File ID: U7596.D			° Cal	ibration Date:	<u>12/13/09 10:</u>	28		
Sequence: <u>T000133</u>			Inje	ection Date:	<u>01/13/10</u>		9 E	
ab Sample ID: <u>T000133-C0</u>	<u>CV1</u>	1.	Inje	ection Time:	<u>10:11</u>			
		CONC.	(ng/ul)	RES	PONSE FACT	OR	% DIFF	/ DRIFT
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#
4-Chloroaniline	A	50.0	51.5	0.4409622	0.4542914		3.0	40
4-Chlorophenyl phenyl ether	A	50.0	48.2	0.5797346	0.5589063		-3.6	40
4-Methylphenol	Α	50.0	57.0	1.464331	1.670316		14.1	40
4-Nitroaniline	L	50.0	49.8	0.3846306	0.4069471		-0.4	40
4-Nitrophenol	L	50.0	59.3	0.1542609	0.2000144	0.05	18.7	40
Acenaphthene	A	50.0	53.9	1.032324	1.11279		7.8	20
Acenaphthylene	A	50.0	54.6	1.666689	1.821834		9.3	40
Aniline	A	50.0	58.1	2.399154	2.785763		16.1	40
Anthracene	A	50.0	56.1	1.097349	1.230543		12.1	40
Benzidine	L	50.0	53.8	0.4329455	0.5012147		7.5	100
Benzo(a)anthracene	A	50.0	53.5	1.021637	1.092589		6.9	40
Benzo(a)pyrene	A	50.0	54.4	1.149731	1.250248		8.7	20
Benzo(b)fluoranthene	A	50.0	51_0	1.317926	1.345628		2.1	40
Benzo(ghi)perylene	A	50.0	60.0	1.022735	1.227211		20.0	40
Benzo(k)fluoranthene	A	50.0	57.6	1.246306	1.435285		15.2	40
Benzoic acid	A	150	147	0.22329	0.2181959		-2.3	40
Benzyl alcohol	A	50.0	58.4	0.9798946	1.144372		16.8	40
Bis(2-chloroethoxy)methane	A	50.0	53.6	0.4531075	0.4852931	1	7.1	40
Bis(2-chloroethyl)ether	A	50.0	52.2	1.703856	1.778576		4.4	- 40
Bis(2-ethylhexyl) phthalate	A	50.0	62.0	0.6367397	0.7897282		24,0	40
Butyl benzyl phthalate	A	50.0	64.8	0.4401014	0.5706005		29.7	40
Carbazole	A	50.0	56.3	1.074814	1.210382	1	12.6	100
Chrysene	A	50.0	51.6	1.018154	1.051125		3.2	40
Dibenzo(a,h)anthracene	A	50.0	59.3	1.049024	1.24468		18.7	40
Dibenzofuran	A	50.0 -	52.1	1.530708	1.594441		4.2	40
Diethyl phthalate	A	50.0	51.1	1.175451	1.202258		2.3	40
Dimethyl phthalate	A	50.0	48.5	1.296807	1.258734		-2.9	40
Di-n-butyl phthalate	A	50.0	58.0	1.191034	1.382253		16.1	40
Di-n-octyl phthalate	Q	50.0	52.9	1.065724	1.307325		5.7	20

### CONTINUING CALIBRATION CHECK

### 8270C

Laboratory:	<u>TestAmerica</u> I	Buffalo		S	DG:	RTA0227			
Client:	New York Sta	ite D.E.C Bu	<u>ıffalo, NY</u>	P	roject:	NYSDEC - J	REGION 9 RE	EMEDIATIO	N/SPILLS C
Instrument ID:	<u>HP5973U</u>			С	calibration:	<u>R9L1301</u>			
Lab File ID:	<u>U7596.D</u>			С	Calibration Date:	<u>12/13/09 10:</u>	28		
Sequence:	<u>T000133</u>			Ŀ	njection Date:	01/13/10			
Lab Sample ID:	T000133-CC	<u>V1</u>		Ir	njection Time:	<u>10:11</u>			
- Mile			CONC	. (ng/ul)	RES	PONSE FACT	OR	% DIFF	/ DRIFT
COMPOUND		TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Fluoranthene		A	50.0	49.5	1.244515	1.231729		-1.0	20
Fluorene		A	50.0	54.0	1.185166	1.280076		8.0	40
Hexachlorobenzer	ne	Α	50.0	40.8	0.2456817	0.2004029		-18.4	40
Hexachlorobutadie	ene	A	50.0	42.3	0.1787996	0.1513298		-15.4	20
Hexachlorocyclop	entadiene	A	50.0	46.5	0.3421399	0.3179094	0.05	-7.1	40
Hexachloroethane	5-147-16-84	A	50.0	55.4	0.5967126	0.6613657		10.8	40
Indeno(1,2,3-cd)p	yrene	A	50.0	59.3	1.231782	1.461971		18.7	40
Isophorone		A	50.0	58.3	0.7344445	0.8558518		16.5	40
Naphthalene		A	50.0	53.1	1.032188	1.095515		6.1	40
Nitrobenzene		A	50.0	57.6	0.4048345	0.4660537		15.1	40
Nitrobenzene-d5		A	50.0	59.3	0.3710623	0.440309		18.7	
N-Nitrosodimethy	lamine	A	50.0	55.1	1.204001	1.32578		10.1	40
N-Nitrosodi-n-pro	pylamine	A	50.0	61.0	1.075945	1.311978	0.05	21.9	40
N-Nitrosodipheny	lamine	A	50.0	56.8	0.5339518	0.6062653		13.5	20
Pentachloropheno	1	L	50.0	40.2	0.1298678	0.1105429		-19.6	20
Phenanthrene		A	50,0	55.3	1.097385	1.213467		10.6	40
Phenol	10-10-11-1	A	50.0	55.8	2.222355	2.480524		11.6	20
Phenol-d5		A	50.0	54.3	1.9765	2.147238		8.6	
p-Terphenyl-d14		A	50.0	53.3	0.7600876	0.8103767		6.6	
Ругепе		A	50.0	56.4	1.038191	1.171538		12.8	40
Pyridine		A	50.0	58.6	2.043696	2.396303		17.3	40

# Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

\* Values outside of QC limits

Calibration Type Legend:

A: Average RF

L: Linear through Intercept

Q: Quadratic

L0: Linear forced through Zero

L1: 1/x Weighted Linear through Intercept

L2: 1/x2 Weighted Linear through Intercept

L01: 1/x Weighted Linear forced through Zero

L02: 1/x2 Weighted Linear forced through Zero

## Form 5A ANALYSIS BATCH (SEQUENCE) SUMMARY 8270C

Laboratory: Client:	<u>TestAmerica B</u> New York Stat	<u>uffalo</u> e D.E.C Buffalo, NY	SDG: Project:	RTA0227 <u>NYSDEC - REGION 9 REMEDIATION/SPILLS CO</u>
Sequence:	<u>T000073</u>		Instrument: Calibration:	<u>HP5973W</u> <u>R9L1103</u>
Sample Name		Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune		T000073-TUN1	W9846.D	01/08/10 10:24
Calibration Che	ck	T000073-CCV1	W9847.D	01/08/10 10:53
Calibration Che	ck	T000073-CCV2	W9848.D	01/08/10 11:23
Blank		10A0305-BLK1	W9849.D	01/08/10 12:00
LCS	-	10A0305-BS1	W9850.D	01/08/10 12:25
LCS Dup		10A0305-BSD1	W9851.D	01/08/10 12:57
BM-CONFIRM	1-C9-F	RTA0227-01	W9852.D	01/08/10 13:27
BM-CONFIRM	1-C10-F	RTA0227-02	W9853.D	01/08/10 13:51

### CONTINUING CALIBRATION CHECK

### 8270C

Laboratory:	TestAmerica 1	Buffalo		SI	DG:	RTA0227			
Client:	New York Sta	te D.E.C Bi	<u>ıffalo, NY</u>	Pr	oject:	NYSDEC - 2	REGION 9 R	EMEDIATIC	N/SPILLS C
Instrument ID:	HP5973W			Ca	libration:	<u>R9L1103</u>			
Lab File ID:	W9847.D			Ca	alibration Date:	12/11/09 11:	10		
Sequence:	<u>T000073</u>			In	jection Date:	01/08/10			
Lab Sample ID:	T000073-CCV	<u>/1</u>		In	jection Time:	10:53			
			CONC	. (ng/ul)	RES	PONSE FACT	OR	% DIFF	/ DRIFT
COMPOUND		TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Anthracene		A	50.0	51.5	1.147077	1.181104		3.0	40
Benzo(a)anthracen	e	A	50.0	49.0	0.9042639	0.8858518		-2.0	40
Benzo(a)pyrene		A	50.0	49,9	1.102315	1,099278		-0.3	20 .
Benzo(b)fluoranth	ene	A	50.0	49.0	1.211928	1.18888		-1.9	40
Benzo(ghi)perylen	e	A	50.0	51.3	1.219057	1.251007		2.6	40
Benzo(k)fluoranth	ene	A	50.0	50.1	1.185868	1.187772		0.2	40
Bis(2-chloroethoxy	y)methane	A	50.0	45.8	0.447908	0.409913		-8.5	40
Bis(2-chloroethyl)	ether	A	50.0	44.4	1.798616	1.595795		-11.3	40
Bis(2-ethylhexyl)	phthalate	Q	50.0	39.0	0.7346743	0.6335991		-22.1	40
Butyl benzyl phtha	late	A	50,0	45.0	0.4919482	0.4432663		-9.9	40
Carbazole		A	50.0	49.4	1.055166	1.04348		-1.1	100
Chrysene		A	50.0	49.0	0.8678716	0.8500485		-2.1	40
Dibenzo(a,h)anthr	acene	A	50.0	51.0	1.248392	1.272378		1.9	40
Dibenzofuran		A	50.0	51.3	1.477905	1.516643		2.6	40
Diethyl phthalate		A	<u>\$0.0</u>	51.0	1.184612	1.208112		2.0	40
Dimethyl phthalat	e	A	50.0	50.7	1.224053	1.241653		1.4	40
Di-n-butyl phthala	te	A	50.0	50.4	1.251818	1.262091		0.8	40
Di-n-octyl phthala	te	A	50.0	45,9	1.192454	1.095655		-8.1	20
Fluoranthene		A	50.0	52.5	1.172561	1.23078		5.0	20
Fluorene		A	50.0	51.4	1.157307	1.1893		2.8	40
Hexachlorobenzen	e	A	50.0	54.0	0.2981538	0.3219767		8.0	40
Hexachlorobutadie	ene	A	50.0	59.0	0.1411715	0.166705		18.1	20
Hexachlorocyclop	entadiene	A	50.0	57.2	0.3295706	0.3767151	0.05	14.3	40
Hexachloroethane		A	50.0	48.2	0.6807138	0.6564136		-3.6	40
Indeno(1,2,3-cd)py	yrene	A	50.0	49.7	1.457163	1.448353		-0.6	40
Isophorone		A	50.0	47.9	0.7085865	0.6782074		-4.3	40
Naphthalene		A	50,0	51.0	0.935007	0.9545716		2.1	40
Nitrobenzene		A	50.0	48.4	0.388376	0.3757454		-3.3	40
Nitrobenzene-d5		A	50.0	51.2	0.3400658	0.3615438		6.3	

# Form 5A ANALYSIS BATCH (SEQUENCE) SUMMARY 8270C

Laboratory: Client: Sequence:	<u>TestAmerica Bu</u> <u>New York State</u> <u>T000094</u>	iffalo D.E.C Buffalo, NY	SDG: Project: Instrument: Calibration:	RTA0227 <u>NYSDEC - REGION 9 REMEDIATION/SPILLS CO</u> <u>HP5973W</u> <u>R9L1103</u>
Sample Name		Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune		T000094-TUN1	W9877.D	01/10/10 10:31
Calibration Chee	ck	T000094-CCV1	W9879.D	01/10/10 11:12
Calibration Chee	ck	T000094-CCV2	W9880.D	01/10/10 11:37
Blank		10A0410-BLK1	W9891.D	01/10/10 16:13
LCS		10A0410-BS1	W9892.D	01/10/10 16:37
LCS Dup		10A0410-BSD1	W9893.D	01/10/10 17:01
BM-CONFIRM	I-C11-F	RTA0317-01	W9894.D	01/10/10 17:25

### CONTINUING CALIBRATION CHECK

## 8270C

Laboratory:	TestAmerica 1	Buffalo		SI	)G:	RTA0227			
Client:	<u>New York Sta</u>	ate D.E.C Bu	<u>ffalo, NY</u>	Pr	oject:	NYSDEC - I	REGION 9 R	EMEDIATIC	N/SPILLS C
Instrument ID:	HP5973W			Ca	libration:	<u>R9L1103</u>			
Lab File ID:	<u>W9879.D</u>			Ca	libration Date:	<u>12/11/09 11:</u>	10		
Sequence:	<u>T000094</u>			Inj	ection Date:	01/10/10			
Lab Sample ID:	T000094-CC	V1		Inj	ection Time:	<u>11:12</u>			
			CONC	(ng/ul)	RES	PONSE FACT	OR	% DIFF	/ DRIFT
COMPOUND		TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Anthracene		A	50.0	52.0	1.147077	1.192728		4.0	40
Benzo(a)anthracer	ıe	A	50.0	48.2	0.9042639	0.8723861		-3.5	40
Benzo(a)pyrene		A	50.0	48.5	1.102315	1.069756		-3.0	20
Benzo(b)fluoranth	ene	A	50,0	48.3	1.211928	1.169856		-3.5	40
Benzo(ghi)perylen	10	A	50.0	50.9	1.219057	1.241148		1.8	40
Benzo(k)fluoranth	iene	A	50.0	51.0	1.185868	1.210288		2.1	40
Bis(2-chloroethox	y)methane	A	50.0	45.0	0.447908	0.4026678	1	-10.1	40
Bis(2-chloroethyl)	)ether	A	50,0	44.5	1.798616	1.601267		-11.0	40
Bis(2-ethylhexyl)	phthalate	Q	50.0	37.5	0.7346743	0.6114642		(-25.1)	40
Butyl benzyl phth	alate	A	50.0	43.5	0.4919482	0.4279296		-13.0	40
Carbazole		A	50.0	49.8	1.055166	1.051651		-0.3	100
Chrysene		A	50.0	50.1	0.8678716	0.8691567		0.1	40
Dibenzo(a,h)anthr	racene	A	50.0	50.7	1.248392	1.26627		1.4	40
Dibenzofuran		A	50.0	52.8	1.477905	1.561045		5.6	40
Diethyl phthalate		A	50.0	49.9	1.184612	1.183133		-0.1	40
Dimethyl phthalat	e	A	50.0	50.1	1.224053	1.226843		0.2	40
Di-n-butyl phthala	ate	A	50.0	49.8	1.251818	1.24678		-0.4	40
Di-n-octyl phthala	ite	A	50.0	42.4	1.192454	1.012112		-15.1	20
Fluoranthene		A	50.0	53.3	1.172561	1.249101		6.5	20
Fluorene		A	50.0	52.3	1.157307	1.209933		4.5	40
Hexachlorobenzer	ne	A	50.0	55.1	0.2981538	0.3288035		10.3	40
Hexachlorobutadi	ene	A	50.0	59.4	0.1411715	0.1677826	1	18.9	20
Hexachlorocyclop	entadiene	A	50.0	57.6	0.3295706	0.3795701	0.05	15.2	40
Hexachloroethane		A	50.0	48.6	0.6807138	0.660947		-2.9	40
Indeno(1,2,3-cd)p	yrene	A	50,0	49.8	1,457163	1.450693		-0.4	40
Isophorone		A	50.0	46.2	0.7085865	0.6552738		-7.5	40
Naphthalene		A	50.0	50.6	0.935007	0.9454381		1.1	40
Nitrobenzene		A	50.0	47.4	0.388376	0.368118		-5.2	40
Nitrobenzene-d5		A	50.0	50.0	0.3400658	0.3531043		3.8	1

# Form 1 ORGANIC ANALYSIS DATA SHEET

Blank (1)

## 8081A

Laboratory:	TestAmerica Buffalo		5	SDG:	RTA0227		
Client:	New York State D.E.C.	- Buffalo, NY	I	Project:	NYSDEC - REG	ION 9 REMEDI	ATION/SPILL
Matrix:	Solid	Laboratory ID:	<u>10A041</u>	<u>1-BLK1</u>	File ID:	<u>5a45174</u>	
Sampled:		Prepared:	01/09/10	09:33	Analyzed:	<u>01/11/10 10:03</u>	
Solids:		Preparation:	3550B (	G	Initial/Final:	30.68 g / 10 mI	_
Batch:	<u>10A0411</u> Sequen	-		Calibration:	R10A030	Instrument:	HP6890-5
CAS NO.	COMPOUND			DILUTION		. (ug/kg)	Q
				1			U
72-54-8	4,4'-DDD			1		.6	U
72-55-9 50-29-3	4,4'-DDE 4,4'-DDT			1			U
309-00-2	Aldrin			1		1.6	U
319-84-6	alpha-BHC			1		1.6	U
5103-71-9	alpha-Chlordane	(1 a)  = 30		1		1.6	UC
319-85-7	beta-BHC	and the second se		1		1,6	U
57-74-9	Chlordane			1		16	U
319-86-8	delta-BHC			1		.96	1
60-57-1	Dieldrin			1		1.6	U
959-98-8	Endosulfan I	and the second		1		1.6	U
33213-65-9	Endosulfan II			1		1.6	U
1031-07-8	Endosulfan sulfate			1		1,6	U
72-20-8	Endrin			1		1.6	U
7421-93-4	Endrin aldehyde			1		1.6	U
53494-70-5	Endrin ketone			1		1.6	U
58-89-9	gamma-BHC (Lindane)			1		1.6	U
5103-74-2	gamma-Chlordane			1		1.0	JP
76-44-8	Heptachlor			1		1.6	U
1024-57-3	Heptachlor epoxide			1		1.6	U
72-43-5	Methoxychlor			1		1.6	U
8001-35-2	Toxaphene			1		16	U
SYSTEM MO	NITORING COMPOUNI	D ADDE	D (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobip	henyl		1.52	5.62	86	42 - 146	
Tetrachloro-m-			5.2	4.42	68	37 - 136	

\* Values outside of QC limits

# Form 1 ORGANIC ANALYSIS DATA SHEET

Blank (2)

## 8081A

Laboratory:	TestAmerica Buffalo		\$	SDG:	RTA0227		
Client:	New York State D.E.C E	uffalo, NY	]	Project:	NYSDEC - REGION 9 REMEDIATION		
Matrix:	<u>Solid</u> I	aboratory ID:	<u>10A041</u>	<u>1-BLK1</u>	File ID:	<u>5b45174</u>	
Sampled:	I	repared:	01/09/10	0 09:33	Analyzed:	<u>01/11/10 10:03</u>	
Solids:	I	Preparation:	<u>3550B (</u>	<u> 3C</u>	Initial/Final:	<u>30.68 g / 10 ml</u>	- -
Batch:	<u>10A0411</u> Sequence	<u>T000122</u>	(	Calibration:	<u>R10A030</u>	Instrument:	<u>HP6890-5</u>
CAS NO.	COMPOUND			DILUTION	CONC	). (ug/kg)	Q
72-54-8	4,4'-DDD [2C]			1		1.6	U
72-55-9	4,4'-DDE [2C]			1		1.6	U
50-29-3	4,4'-DDT [2C]		_	1		1.6	U
309-00-2	Aldrin [2C]			1		1.6	U
319-84-6	alpha-BHC [2C]			1		1.6	U
5103-71-9	alpha-Chlordane [2C]			1	1.6		U
319-85-7	beta-BHC [2C]			1	1.6		U
57-74-9	Chlordane [2C]			1	16		U
319-86-8	delta-BHC [2C]			1	1.1		J
60-57-1	Dieldrin [2C]			1		1.6	U
959-98-8	Endosulfan I [2C]		0	1		1.6	U
33213-65-9	Endosulfan II [2C]			1		1.6	U
1031-07-8	Endosulfan sulfate [2C]			1		1.6	U
72-20-8	Endrin [2C]			1		1.6	U
7421-93-4	Endrin aldehyde [2C]			1		1.6	U
53494-70-5	Endrin ketone [2C]	A		11	-	1.6	U
58-89-9	gamma-BHC (Lindane) [2	C]		1	1.6		U
5103-74-2	gamma-Chlordane [2C]			1	(	).69	JP
76-44-8	Heptachlor [2C]			1	1.6		U
1024-57-3	Heptachlor epoxide [2C]			1	1.6		UC
72-43-5	Methoxychlor [2C]			1		1.6	UC
8001-35-2	Toxaphene [2C]			1		16	U
SYSTEM MO	NITORING COMPOUND	ADDED	(ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobip	henyl [2C]	6.5	52	5.67	87	42 - 146	
Tetrachloro-m-	xylene [2C]	6.:	52	4.95	76	37 - 136	1

\* Values outside of QC limits

## Form 10A IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

AFT: BM-CONFIRM-C

Lab Name: TestAmeri	ca Buffalo			SDG No.	: DRAFT RTA022		
Client: New York	State D.E.C Bi		Project	: NYSDEC - REGION	9 REME	DIATION/SPILLS CONT	
Lab Sample ID: RTA0227-	-01		Date(s	s) Analyzed	1: 01/08/2010 01	/08/2010	)
Instrument ID (1): HP6890-5	Column 1		Ins	trument ID	(HP6890-5Column 2		
GC Column (1):	ID:	- (mm)	GC	Column (2)	: ID:		(mm)
ANALYTE	COL	RT	RT WI	NDOW	CONCENTRATION	%D	1.
	001		FROM	TO	Contolliting		
delta-BHC	1	12.34	12.24	12.34	1.1	$\sim$	
	2	14.16	14.13	14.23	1.6	(40)	
Dieldrin	1	16.42	16.36	16.46	1.0		
	2	18.05	18.00	18.10	1.0	5	
Endrin	1	16.90	16.87	16.97	0.75	-	
	2	18.71	18.67	18.77	0.99	( 32 )	
gamma-Chlordane	1	15.23	15.23	15.33	1.0	0	
	2	16.94	16.93	17.03	0.87	18	
Methoxychlor	1	18.79	18.71	18.81	1.1	0	N
	2	21.00	21.00	21.10	2.3	117	

## Form 10A IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

AFT: BM-CONFIRM-V

Lab Name: TestAmerica Buffalo					SDG No.:	DRAFT RTA022			
Client:	New York State D	D.E.C B	uffalo, NY		Project	NYSDEC - REGION	9 REME	DIATION/SI	ILLS CONT
Lab Sample ID:	RTA0319-01			Date(	s) Analyzed:	01/11/2010 0	1/11/2010	)	
Instrument ID (1):	HP6890-5Column	n 1	-	Ins	trument ID (	HP6890-5Column 2			
GC Column (1):	I	D:	- (mm)	GC	Column (2)	: ID:		(mm)	
ANA	ALYTE	COL	RT	RT WJ	NDOW	CONCENTRATION	%D	1	
				FROM	ТО				
4,4'-DDE		1	15.80	15.74	15.84	180	12	N.	
		2	17.67	17.61	17.71	270	50	) r	
beta-BHC		1	11.84	11.80	11.90	140			
200		2	13.37	13.39	13.49	9.9	0		
Dieldrin		1	16.38	16.36	16.46	310	0		
		2	18.01	18.00	18.10	200	(54)	X	
Endosulfan II		1	17.36	17.36	17.46	56			
		2	19.18	19.12	19.22	550	889		
Endosulfan su	lfate	1	19.25	19.19	19.29	250	Y		
		2	20.44	20.46	20.56	350	39	X	
Endrin		1	16.86	16.87	16.97	130	X		
		2	18.68	18.67	18.77	210	56	*	
Endrin aldehy	/de	1	18.30	18.26	18.36	72	X		
		2	19.90	19.84	19.94	420	479		
Endrin ketone	;	1	19.80	19.80	19.90	190	$\geq$		
		2	21.66	21.65	21.75	76	(149		
Heptachlor ep	ooxide	1	14.99	14.93	15.03	59			
		2	16.46	16.48	16.58	500	0	_	

## Form 10C IDENTIFICATION SUMMARY FOR MULTICOMPONENT ANALYTES

**BM-CONFIRM-C9-F** 

Lab Name: TestAr	nerica Buffalo			SDG 1	No.: DRAF	T RTA022			
Client: New Y	ork State D.E.C	Buffalo, 1	YY	Proj	ect: NYSD	EC - REGIO	ON 9 REM	EDIATION	SPILLS CONT
Lab Sample ID: RTA02	227-01		Date	e(s) Analy	zed: 01/08/2	2010	01/08/20	10	
Instrument ID (1):HP5890	)-19		- Ir	istrument 2	D ( HP589	0-19			
GC Column (1):	ID:	(mn	n) G(	C Column	(2):	Π	D:	(mm)	
ANALYTE	PEAK	RT	RT WD	NDOW	CONCEN	TRATION		1	
			FROM	ТО	PEAK	MEAN	%D		
Aroclor 1260	1	4.51	4.45	4.55	9.5			1	
	2	4.72	4.67	4.77	8.2				
COLUMN 1	3	5.03	4.97	5.07	9.4				
	4	5.16	5.10	5.20	5.9	0.7			
1 10/0		4.07	4.02	4.12	12	8.3			
Aroclor 1260	2	4.07	4.02	4.12	12				
		4.50	4.15	4.25	9.9	1			
COLUMN 2	4	4.87	4.82	4.92	9.9	]	0		
					10.1756	11	29	1	

At least three peaks for each column are required for identification of multicomponent analytes.

#### Form 5A

## BM-CONFIRM-C9-F

# MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

### 6010B

Laboratory:	TestAmerica Buffalo	SDG:	RTA0227
Client:	New York State D.E.C Buffalo, NY	Project:	NYSDEC - REGION 9 REMEDIATION/SPILL
Matrix:	Solid	Spike standard:	<u>RT00061</u>
Batch:	<u>10A0341</u>	Laboratory ID:	<u>10A0341-MS1</u>
Preparation:	<u>3050B</u>	Initial/Final:	<u>0.528 g / 50 mL</u>

Source Sample Name: <u>BM-CONFIRM-C9-F</u>

COMPOUND	SPIKE ADDED	UNITS	SAMPLE CONCENTRATION	MS CONCENTRATION	MS % REC. #	QC LIMITS REC.
Arsenic	45.6	mg/kg dry	7.41	47.8	89	75 - 125
Barium	45.6	mg/kg dry	157	166	20 *	75 - 125
Cadmium	45.6	mg/kg dry	0.0720	39.5	87	75 - 125
Chromium	45.6	mg/kg dry	24.4	62.4	83	75 - 125
Lead	45.6	mg/kg dry	11.8	54.0	93	75 - 125
Selenium	45.6	mg/kg dry	ND	39.2	86	75 - 125
Silver	11.4	mg/kg dry	ND	10.6	93	75 - 125

COMPOUND	SPIKE ADDED	UNITS	MSD CONCENTRATION	MSD % REC. #	% RPD #	QC RPD	LIMITS REC.
Arsenic	49.0	mg/kg dry	50.5	88	5	20	75 - 125
Barium	49.0	mg/kg dry	175	(38) *	6	20	75 - 125
Cadmium	49.0	mg/kg dry	41.9	85	6	20	75 - 125
Chromium	49.0	mg/kg dry	64.3	81	3	20	75 - 125
Lead	49.0	mg/kg dry	54.8	88	2	20	75 - 125
Selenium	49.0	mg/kg dry	41.2	84	5	20	75 - 125
Silver	12.3	mg/kg dry	11.1	91	5	20	75 - 125

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits