

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Edison

777 New Durham Road

Edison, NJ 08817

Tel: (732)549-3900

TestAmerica Job ID: 460-66829-1

Client Project/Site: Metro Container (33-00-1920)

For:

WRS Compass

1 South Gold Street

Hamilton Business Center

Hamilton, New Jersey 08691

Attn: Mr. [REDACTED]

Authorized for release by:

11/20/2013 6:02:28 PM

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Designee for

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

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

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



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## Definitions/Glossary

Client: WRS Compass  
Project/Site: Metro Container (33-00-1920)

TestAmerica Job ID: 460-66829-1

### Qualifiers

#### GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

### Glossary

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

## Case Narrative

Client: WRS Compass  
Project/Site: Metro Container (33-00-1920)

TestAmerica Job ID: 460-66829-1

**Job ID: 460-66829-1**

**Laboratory: TestAmerica Edison**

### Narrative

#### CASE NARRATIVE

**Client: WRS Compass**

**Project: Metro Container (33-00-1920)**

**Report Number: 460-66829-1**

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

#### RECEIPT

The samples were received on 11/15/2013 8:40 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.4° C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

#### POLYCHLORINATED BIPHENYLS

Samples 460-66829-1 through 460-66829-3 were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082. The samples were prepared on 11/18/2013 and analyzed on 11/19/2013.

Sample 460-66829-3(5X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

following sample(s) was diluted to bring the concentration of target analytes within the calibration range: MC-111513-Grid 37-0-2 0-2' (460-66829-3). Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the PCBs analyses.

All other quality control parameters were within the acceptance limits.

#### PERCENT SOLIDS/PERCENT MOISTURE

Samples 460-66829-1 through 460-66829-3 were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D). The samples were analyzed on 11/18/2013.

No difficulties were encountered during the %solids/moisture analyses.

All quality control parameters were within the acceptance limits.

## Detection Summary

Client: WRS Compass  
Project/Site: Metro Container (33-00-1920)

TestAmerica Job ID: 460-66829-1

**Client Sample ID: MC-111513-Grid 18 - Pipe 5 ft**

**Lab Sample ID: 460-66829-1**

No Detections.

**Client Sample ID: MC-111513-Grid 27-0-2 0-2'**

**Lab Sample ID: 460-66829-2**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor 1248	320		81	18	ug/Kg	1	☼	8082	Total/NA
Aroclor 1260	270		81	23	ug/Kg	1	☼	8082	Total/NA
Polychlorinated biphenyls, Total	590		81	23	ug/Kg	1	☼	8082	Total/NA

**Client Sample ID: MC-111513-Grid 37-0-2 0-2'**

**Lab Sample ID: 460-66829-3**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor 1248	2300		390	88	ug/Kg	5	☼	8082	Total/NA
Aroclor 1260	3100		390	110	ug/Kg	5	☼	8082	Total/NA
Polychlorinated biphenyls, Total	5400		390	110	ug/Kg	5	☼	8082	Total/NA

This Detection Summary does not include radiochemical test results.

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# Client Sample Results

Client: WRS Compass  
Project/Site: Metro Container (33-00-1920)

TestAmerica Job ID: 460-66829-1

**Client Sample ID: MC-111513-Grid 18 - Pipe 5 ft**

**Lab Sample ID: 460-66829-1**

**Date Collected: 11/15/13 11:30**

**Matrix: Solid**

**Date Received: 11/15/13 20:40**

**Percent Solids: 75.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	20	U	89	20	ug/Kg	☼	11/18/13 05:26	11/19/13 13:38	1
Aroclor 1221	20	U	89	20	ug/Kg	☼	11/18/13 05:26	11/19/13 13:38	1
Aroclor 1232	20	U	89	20	ug/Kg	☼	11/18/13 05:26	11/19/13 13:38	1
Aroclor 1242	20	U	89	20	ug/Kg	☼	11/18/13 05:26	11/19/13 13:38	1
Aroclor 1248	20	U	89	20	ug/Kg	☼	11/18/13 05:26	11/19/13 13:38	1
Aroclor 1254	25	U	89	25	ug/Kg	☼	11/18/13 05:26	11/19/13 13:38	1
Aroclor 1260	25	U	89	25	ug/Kg	☼	11/18/13 05:26	11/19/13 13:38	1
Aroclor 1262	25	U	89	25	ug/Kg	☼	11/18/13 05:26	11/19/13 13:38	1
Aroclor 1268	25	U	89	25	ug/Kg	☼	11/18/13 05:26	11/19/13 13:38	1
Polychlorinated biphenyls, Total	25	U	89	25	ug/Kg	☼	11/18/13 05:26	11/19/13 13:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	88		45 - 138	11/18/13 05:26	11/19/13 13:38	1
DCB Decachlorobiphenyl	75		45 - 138	11/18/13 05:26	11/19/13 13:38	1

## General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	24.8		1.0	1.0	%			11/18/13 17:25	1
Percent Solids	75.2		1.0	1.0	%			11/18/13 17:25	1

**Client Sample ID: MC-111513-Grid 27-0-2 0-2'**

**Lab Sample ID: 460-66829-2**

**Date Collected: 11/15/13 13:00**

**Matrix: Solid**

**Date Received: 11/15/13 20:40**

**Percent Solids: 83.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	18	U	81	18	ug/Kg	☼	11/18/13 05:26	11/19/13 13:54	1
Aroclor 1221	18	U	81	18	ug/Kg	☼	11/18/13 05:26	11/19/13 13:54	1
Aroclor 1232	18	U	81	18	ug/Kg	☼	11/18/13 05:26	11/19/13 13:54	1
Aroclor 1242	18	U	81	18	ug/Kg	☼	11/18/13 05:26	11/19/13 13:54	1
Aroclor 1248	320		81	18	ug/Kg	☼	11/18/13 05:26	11/19/13 13:54	1
Aroclor 1254	23	U	81	23	ug/Kg	☼	11/18/13 05:26	11/19/13 13:54	1
Aroclor 1260	270		81	23	ug/Kg	☼	11/18/13 05:26	11/19/13 13:54	1
Aroclor 1262	23	U	81	23	ug/Kg	☼	11/18/13 05:26	11/19/13 13:54	1
Aroclor 1268	23	U	81	23	ug/Kg	☼	11/18/13 05:26	11/19/13 13:54	1
Polychlorinated biphenyls, Total	590		81	23	ug/Kg	☼	11/18/13 05:26	11/19/13 13:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	92		45 - 138	11/18/13 05:26	11/19/13 13:54	1
DCB Decachlorobiphenyl	74		45 - 138	11/18/13 05:26	11/19/13 13:54	1

## General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	17.0		1.0	1.0	%			11/18/13 17:25	1
Percent Solids	83.0		1.0	1.0	%			11/18/13 17:25	1

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# Client Sample Results

Client: WRS Compass  
Project/Site: Metro Container (33-00-1920)

TestAmerica Job ID: 460-66829-1

Client Sample ID: MC-111513-Grid 37-0-2 0-2'

Lab Sample ID: 460-66829-3

Date Collected: 11/15/13 13:15

Matrix: Solid

Date Received: 11/15/13 20:40

Percent Solids: 84.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	88	U	390	88	ug/Kg	☼	11/18/13 05:26	11/19/13 14:35	5
Aroclor 1221	88	U	390	88	ug/Kg	☼	11/18/13 05:26	11/19/13 14:35	5
Aroclor 1232	88	U	390	88	ug/Kg	☼	11/18/13 05:26	11/19/13 14:35	5
Aroclor 1242	88	U	390	88	ug/Kg	☼	11/18/13 05:26	11/19/13 14:35	5
Aroclor 1248	2300		390	88	ug/Kg	☼	11/18/13 05:26	11/19/13 14:35	5
Aroclor 1254	110	U	390	110	ug/Kg	☼	11/18/13 05:26	11/19/13 14:35	5
Aroclor 1260	3100		390	110	ug/Kg	☼	11/18/13 05:26	11/19/13 14:35	5
Aroclor 1262	110	U	390	110	ug/Kg	☼	11/18/13 05:26	11/19/13 14:35	5
Aroclor 1268	110	U	390	110	ug/Kg	☼	11/18/13 05:26	11/19/13 14:35	5
Polychlorinated biphenyls, Total	5400		390	110	ug/Kg	☼	11/18/13 05:26	11/19/13 14:35	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	99		45 - 138	11/18/13 05:26	11/19/13 14:35	5
DCB Decachlorobiphenyl	64	p	45 - 138	11/18/13 05:26	11/19/13 14:35	5

## General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15.1		1.0	1.0	%			11/18/13 17:25	1
Percent Solids	84.9		1.0	1.0	%			11/18/13 17:25	1

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## Surrogate Summary

Client: WRS Compass  
Project/Site: Metro Container (33-00-1920)

TestAmerica Job ID: 460-66829-1

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

Matrix: Solid

Prep Type: Total/NA

#### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB1 (45-138)	DCB2 (45-138)
460-66695-F-13-C MS	Matrix Spike	102	75
460-66695-F-13-D MSD	Matrix Spike Duplicate	104	79
460-66829-1	MC-111513-Grid 18 - Pipe 5 ft	88	75
460-66829-2	MC-111513-Grid 27-0-2 0-2'	92	74
460-66829-3	MC-111513-Grid 37-0-2 0-2'	99	64 p
LCS 460-192678/2-A	Lab Control Sample	85	72
MB 460-192678/1-A	Method Blank	92	77

#### Surrogate Legend

DCB = DCB Decachlorobiphenyl



# QC Sample Results

Client: WRS Compass  
Project/Site: Metro Container (33-00-1920)

TestAmerica Job ID: 460-66829-1

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

Lab Sample ID: MB 460-192678/1-A

Matrix: Solid

Analysis Batch: 192789

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 192678

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	15	U	67	15	ug/Kg		11/18/13 05:26	11/19/13 07:18	1
Aroclor 1221	15	U	67	15	ug/Kg		11/18/13 05:26	11/19/13 07:18	1
Aroclor 1232	15	U	67	15	ug/Kg		11/18/13 05:26	11/19/13 07:18	1
Aroclor 1242	15	U	67	15	ug/Kg		11/18/13 05:26	11/19/13 07:18	1
Aroclor 1248	15	U	67	15	ug/Kg		11/18/13 05:26	11/19/13 07:18	1
Aroclor 1254	19	U	67	19	ug/Kg		11/18/13 05:26	11/19/13 07:18	1
Aroclor 1260	19	U	67	19	ug/Kg		11/18/13 05:26	11/19/13 07:18	1
Aroclor 1262	19	U	67	19	ug/Kg		11/18/13 05:26	11/19/13 07:18	1
Aroclor 1268	19	U	67	19	ug/Kg		11/18/13 05:26	11/19/13 07:18	1
Polychlorinated biphenyls, Total	19	U	67	19	ug/Kg		11/18/13 05:26	11/19/13 07:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	92		45 - 138	11/18/13 05:26	11/19/13 07:18	1
DCB Decachlorobiphenyl	77		45 - 138	11/18/13 05:26	11/19/13 07:18	1

Lab Sample ID: LCS 460-192678/2-A

Matrix: Solid

Analysis Batch: 192789

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 192678

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	333	290		ug/Kg		87	75 - 150
Aroclor 1016	333	281		ug/Kg		84	75 - 150
Aroclor 1260	333	273		ug/Kg		82	72 - 150
Aroclor 1260	333	250		ug/Kg		75	72 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	85		45 - 138
DCB Decachlorobiphenyl	72		45 - 138

Lab Sample ID: 460-66695-F-13-C MS

Matrix: Solid

Analysis Batch: 192789

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 192678

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	18	U	390	371		ug/Kg	☼	95	75 - 150
Aroclor 1016	18	U	390	358		ug/Kg	☼	NaN	75 - 150
Aroclor 1260	22	U	390	329		ug/Kg	☼	84	72 - 150
Aroclor 1260	22	U	390	301		ug/Kg	☼	NaN	72 - 150

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl	102		45 - 138
DCB Decachlorobiphenyl	75		45 - 138

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# QC Sample Results

Client: WRS Compass  
Project/Site: Metro Container (33-00-1920)

TestAmerica Job ID: 460-66829-1

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

Lab Sample ID: 460-66695-F-13-D MSD

Matrix: Solid

Analysis Batch: 192789

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 192678

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016	18	U	391	390		ug/Kg	⊛	100	75 - 150	5	30
Aroclor 1016	18	U	391	373		ug/Kg	⊛	NaN	75 - 150	4	30
Aroclor 1260	22	U	391	349		ug/Kg	⊛	89	72 - 150	6	30
Aroclor 1260	22	U	391	319		ug/Kg	⊛	NaN	72 - 150	6	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl	104		45 - 138
DCB Decachlorobiphenyl	79		45 - 138

## Method: Moisture - Percent Moisture

Lab Sample ID: 460-66808-A-7 DU

Matrix: Solid

Analysis Batch: 192843

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	14.5		14.5		%		0	20
Percent Solids	85.5		85.5		%		0	20

# QC Association Summary

Client: WRS Compass  
Project/Site: Metro Container (33-00-1920)

TestAmerica Job ID: 460-66829-1

## GC Semi VOA

### Prep Batch: 192678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-66695-F-13-C MS	Matrix Spike	Total/NA	Solid	3546	
460-66695-F-13-D MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	
460-66829-1	MC-111513-Grid 18 - Pipe 5 ft	Total/NA	Solid	3546	
460-66829-2	MC-111513-Grid 27-0-2 0-2'	Total/NA	Solid	3546	
460-66829-3	MC-111513-Grid 37-0-2 0-2'	Total/NA	Solid	3546	
LCS 460-192678/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 460-192678/1-A	Method Blank	Total/NA	Solid	3546	

### Analysis Batch: 192789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-66695-F-13-C MS	Matrix Spike	Total/NA	Solid	8082	192678
460-66695-F-13-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8082	192678
LCS 460-192678/2-A	Lab Control Sample	Total/NA	Solid	8082	192678
MB 460-192678/1-A	Method Blank	Total/NA	Solid	8082	192678

### Analysis Batch: 192962

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-66829-1	MC-111513-Grid 18 - Pipe 5 ft	Total/NA	Solid	8082	192678
460-66829-2	MC-111513-Grid 27-0-2 0-2'	Total/NA	Solid	8082	192678
460-66829-3	MC-111513-Grid 37-0-2 0-2'	Total/NA	Solid	8082	192678

## General Chemistry

### Analysis Batch: 192843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-66808-A-7 DU	Duplicate	Total/NA	Solid	Moisture	
460-66808-A-7 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-66829-1	MC-111513-Grid 18 - Pipe 5 ft	Total/NA	Solid	Moisture	
460-66829-2	MC-111513-Grid 27-0-2 0-2'	Total/NA	Solid	Moisture	
460-66829-3	MC-111513-Grid 37-0-2 0-2'	Total/NA	Solid	Moisture	

# Lab Chronicle

Client: WRS Compass  
Project/Site: Metro Container (33-00-1920)

TestAmerica Job ID: 460-66829-1

**Client Sample ID: MC-111513-Grid 18 - Pipe 5 ft**

**Lab Sample ID: 460-66829-1**

**Date Collected: 11/15/13 11:30**

**Matrix: Solid**

**Date Received: 11/15/13 20:40**

**Percent Solids: 75.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			192678	11/18/13 05:26	ARA	TAL EDI
Total/NA	Analysis	8082		1	192962	11/19/13 13:38	JHP	TAL EDI
Total/NA	Analysis	Moisture		1	192843	11/18/13 17:25	ITR	TAL EDI

**Client Sample ID: MC-111513-Grid 27-0-2 0-2'**

**Lab Sample ID: 460-66829-2**

**Date Collected: 11/15/13 13:00**

**Matrix: Solid**

**Date Received: 11/15/13 20:40**

**Percent Solids: 83.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			192678	11/18/13 05:26	ARA	TAL EDI
Total/NA	Analysis	8082		1	192962	11/19/13 13:54	JHP	TAL EDI
Total/NA	Analysis	Moisture		1	192843	11/18/13 17:25	ITR	TAL EDI

**Client Sample ID: MC-111513-Grid 37-0-2 0-2'**

**Lab Sample ID: 460-66829-3**

**Date Collected: 11/15/13 13:15**

**Matrix: Solid**

**Date Received: 11/15/13 20:40**

**Percent Solids: 84.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8082		5	192962	11/19/13 14:35	JHP	TAL EDI
Total/NA	Prep	3546			192678	11/18/13 05:26	ARA	TAL EDI
Total/NA	Analysis	Moisture		1	192843	11/18/13 17:25	ITR	TAL EDI

## Laboratory References:

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

## Certification Summary

Client: WRS Compass  
Project/Site: Metro Container (33-00-1920)

TestAmerica Job ID: 460-66829-1

### Laboratory: TestAmerica Edison

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Connecticut	State Program	1	PH-0200	09-30-14
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	N/A	04-30-14
New Jersey	NELAP	2	12028	06-30-14
New York	NELAP	2	11452	04-01-14
Pennsylvania	NELAP	3	68-00522	02-28-14
Rhode Island	State Program	1	LAO00132	12-30-13
USDA	Federal		NJCA-003-08	03-11-14

## Method Summary

Client: WRS Compass  
Project/Site: Metro Container (33-00-1920)

TestAmerica Job ID: 460-66829-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL EDI
Moisture	Percent Moisture	EPA	TAL EDI

### Protocol References:

EPA = US Environmental Protection Agency

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

### Laboratory References:

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

## Sample Summary

Client: WRS Compass

TestAmerica Job ID: 460-66829-1

Project/Site: Metro Container (33-00-1920)

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-66829-1	MC-111513-Grid 18 - Pipe 5 ft	Solid	11/15/13 11:30	11/15/13 20:40
460-66829-2	MC-111513-Grid 27-0-2 0-2'	Solid	11/15/13 13:00	11/15/13 20:40
460-66829-3	MC-111513-Grid 37-0-2 0-2'	Solid	11/15/13 13:15	11/15/13 20:40

# TestAmerica

## CHAIN OF CUSTODY REPOF

THE LEADER IN ENVIRONMENTAL TESTING

460-66629 Chain of Custody

1008 W. Ninth Avenue  
King of Prussia, PA 19406  
(610) 337-9992  
FAX (610) 337-9939



Client: WRS Compass - Metro Containment		Bill To: WRS Compass		1st: Site: 108		Received: <input checked="" type="checkbox"/> 3 DAY <input type="checkbox"/> 2 DAY <input type="checkbox"/> 1 DAY <input type="checkbox"/> 24 HRS.	
Address: 700 Pine ST		Address: 221 Hobbs ST, Suite 108		Terms: Net 30 days		Deliverable Package: <input type="checkbox"/> NO <input type="checkbox"/> YES	
Trainer PA 19061		Tempa FL 33619		Phone #: (813) 684-4400		Temp. Upon Receipt: 66829	
Report to: E-mail: T. Cooley & Associates		State & Program: PA/CERCLA		Phone #: (813) 684-4400		Fax #: 66829	
Project Name: Metro Containment		Sample Matrix		# of Bottles Preservative Used		ANALYSIS TYPE	
Project #/PO#: 33-00-1920		MeOH		DI		HCl	
Sampler: [REDACTED]		HNO <sub>3</sub>		H <sub>2</sub> SO <sub>4</sub>		NaOH	
FIELD ID, LOCATION		NONE		TOTAL # OF BOTTLES		SAMPLES FIELD FILTERED	
1 MC-111513-Grid 18 - 0-2'		11/5/13 11:30		5:1		11/5/13 11:30	
2 MC-111513-Grid 27 - 0-2'		13:00		5:01		13:15	
3 MC-111513-Grid 37 - 0-2'		13:15		5:01		13:15	
4		PID:					
5		PID:					
6		PID:					
7		PID:					
8		PID:					
9		PID:					
10		PID:					
REINQUISHED		DATE: 11/5/13		TIME: 11:30		RECEIVED DATE: 11/15	
RELINQUISHED		DATE: 11/10		TIME: 18:30		RECEIVED DATE: 11/15	
COMMENTS: 00		DATE: 11/10		TIME: 18:30		RECEIVED DATE: 11/15	

3-Day RUSH



**Job Number:**

66829

pH Log

Number of Coolers

IR Gun#

Temp. Cooler #1 (Deg C) (Raw/Corrected)

8/2

Temp. Cooler #4 (Deg.C) (Raw/Corrected)

Temp. Cooler #7 (Deg C) (Raw/Corrected)

Temp. Cooler #2 (Deg C) (Raw/Corrected)

1000

Temp. Cooler #5 (Deg C) (Raw/Corrected)

Temp. Cooler #8 (Deg C) (Raw/Corrected)

Temp. Cooler #3 (Deg C) (Raw/Corrected)

1.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

Temp. Cooler #6 (Deg C) (Raw/Corrected)

Temp. Cooler #9 (Deg C) (Raw/Corrected)

[illegible]

**If pH adjustments are required record the information below:**

**Sample No(s). adjusted:**

Preservative Name/Conc.:

Volume of Preservative used (ml):

**Lot # of Preservative:**

**Expiration Date:**

*\* Samples for metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials:

Date:

## Login Sample Receipt Checklist

Client: WRS Compass

Job Number: 460-66829-1

Login Number: 66829

List Source: TestAmerica Edison

List Number: 1

Creator: Hall, Alonzo

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.4° C IR #5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.