

ANALYTICAL REPORT

Job Number: 460-36250-1

Job Description: Site No: 152125 (EAR) DEC Lindenhurst 63

For:
New York State D.E.C.
625 Broadway
11th Floor
Albany, NY 12233
Attention: Mr. David Gardner



Approved for release.
Larry Decker
Project Manager I
2/7/2012 4:14 PM

Larry Decker
Project Manager I
larry.decker@testamericainc.com
02/07/2012

cc: Mr. Greg Mann
Mrs. Tracy Salvitti
Ms. Karen Sanford

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TestAmerica Laboratories, Inc.

TestAmerica Edison 777 New Durham Road, Edison, NJ 08817
Tel (732) 549-3900 Fax (732) 549-3679 www.testamericainc.com



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CASE NARRATIVE

Client: New York State D.E.C.

Project: Site No: 152125 (EAR) DEC Lindenhurst 63

Report Number: 460-36250-1

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 01/28/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.4 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.

TOTAL METALS

Sample 460-36250-1 was analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared and analyzed on 02/03/2012.

No difficulties were encountered during the metals analysis.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-36250-1 and 460-36250-2 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA Method 624. The samples were analyzed on 02/06/2012.

No difficulties were encountered during the volatiles analyses.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Sample 460-36250-1 was analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 02/02/2012.

No difficulties were encountered during the mercury analysis.

All quality control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C.

Job Number: 460-36250-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Analyte						
460-36250-1	INFLUENT					
Vinyl chloride		0.85	J	1.0	ug/L	624
1,1-Dichloroethene		0.34	J	1.0	ug/L	624
1,1-Dichloroethane		0.23	J	1.0	ug/L	624
trans-1,2-Dichloroethene		1.1		1.0	ug/L	624
cis-1,2-Dichloroethene		120		1.0	ug/L	624
Trichloroethene		47		1.0	ug/L	624
Tetrachloroethene		210		1.0	ug/L	624
1,2-Dichlorobenzene		0.24	J	1.0	ug/L	624
Barium		15.3	J	200	ug/L	6010B
Calcium		21400		5000	ug/L	6010B
Iron		225		150	ug/L	6010B
Magnesium		3310	J	5000	ug/L	6010B
Manganese		1010		15.0	ug/L	6010B
Potassium		2420	J	5000	ug/L	6010B
Sodium		23300		5000	ug/L	6010B
460-36250-2	EFFLUENT					
cis-1,2-Dichloroethene		4.5		1.0	ug/L	624
Trichloroethene		0.68	J	1.0	ug/L	624
Tetrachloroethene		1.7		1.0	ug/L	624

METHOD SUMMARY

Client: New York State D.E.C.

Job Number: 460-36250-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL EDI	40CFR136A 624	
Metals (ICP)	TAL EDI	SW846 6010B	
Preparation, Total Metals			SW846 3010A
Mercury (CVAA)	TAL EDI	SW846 7470A	
Preparation, Mercury			SW846 7470A

Lab References:

TAL EDI = TestAmerica Edison

Method References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

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

METHOD / ANALYST SUMMARY

Client: New York State D.E.C.

Job Number: 460-36250-1

Method	Analyst	Analyst ID
40CFR136A 624	Moroney, Christopher J	CJM
SW846 6010B	Chang, Churn Der	CDC
SW846 7470A	Sheikh, Razia B	RBS

SAMPLE SUMMARY

Client: New York State D.E.C.

Job Number: 460-36250-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-36250-1	Influent	Water	01/26/2012 1410	01/28/2012 1000
460-36250-2	Effluent	Water	01/26/2012 1420	01/28/2012 1000

SAMPLE RESULTS

Analytical Data

Client: New York State D.E.C.

Job Number: 460-36250-1

Client Sample ID: Influent

Lab Sample ID: 460-36250-1

Date Sampled: 01/26/2012 1410

Client Matrix: Water

Date Received: 01/28/2012 1000

624 Volatile Organic Compounds (GC/MS)

Analysis Method:	624	Analysis Batch:	460-101444	Instrument ID:	VOAMS6
	N/A	Prep Batch:	N/A	Lab File ID:	f84622.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/06/2012 1402			Final Weight/Volume:	5 mL
Prep Date:	N/A				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	0.85	J	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Methylene Chloride	1.0	U	0.19	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	0.34	J	0.14	1.0
1,1-Dichloroethane	0.23	J	0.10	1.0
trans-1,2-Dichloroethene	1.1		0.14	1.0
cis-1,2-Dichloroethene	120		0.20	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	47		0.18	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
2-Chloroethyl vinyl ether	1.0	U	0.19	1.0
Bromoform	1.0	U	0.10	1.0
Tetrachloroethene	210		0.20	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	0.24	J	0.16	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 122
Toluene-d8 (Surr)	99		69 - 125
4-Bromofluorobenzene	99		69 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 460-36250-1

Client Sample ID: Effluent

Lab Sample ID: 460-36250-2

Date Sampled: 01/26/2012 1420

Client Matrix: Water

Date Received: 01/28/2012 1000

624 Volatile Organic Compounds (GC/MS)

Analysis Method:	624	Analysis Batch:	460-101444	Instrument ID:	VOAMS6
	N/A	Prep Batch:	N/A	Lab File ID:	f84621.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/06/2012 1339			Final Weight/Volume:	5 mL
Prep Date:	N/A				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Methylene Chloride	1.0	U	0.19	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
cis-1,2-Dichloroethene	4.5		0.20	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	0.68	J	0.18	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
2-Chloroethyl vinyl ether	1.0	U	0.19	1.0
Bromoform	1.0	U	0.10	1.0
Tetrachloroethene	1.7		0.20	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 122
Toluene-d8 (Surr)	99		69 - 125
4-Bromofluorobenzene	100		69 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 460-36250-1

Client Sample ID: Influent

Lab Sample ID: 460-36250-1

Date Sampled: 01/26/2012 1410

Client Matrix: Water

Date Received: 01/28/2012 1000

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-101320	Instrument ID:	ICP4
Prep Method:	3010A	Prep Batch:	460-101269	Lab File ID:	02032012.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/03/2012 1356			Final Weight/Volume:	100 mL
Prep Date:	02/03/2012 1024				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	200	U	72.1	200
Antimony	10.0	U	7.4	10.0
Arsenic	5.0	U	3.7	5.0
Barium	15.3	J	5.9	200
Beryllium	2.0	U	0.78	2.0
Cadmium	5.0	U	0.82	5.0
Calcium	21400		305	5000
Chromium	10.0	U	4.5	10.0
Cobalt	50.0	U	4.3	50.0
Copper	25.0	U	7.8	25.0
Iron	225		73.6	150
Lead	5.0	U	4.0	5.0
Magnesium	3310	J	321	5000
Manganese	1010		4.3	15.0
Nickel	40.0	U	5.0	40.0
Potassium	2420	J	525	5000
Selenium	10.0	U	5.8	10.0
Silver	10.0	U	1.3	10.0
Sodium	23300		821	5000
Thallium	10.0	U	5.2	10.0
Vanadium	50.0	U	4.0	50.0
Zinc	30.0	U	5.8	30.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-101154	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	460-101087	Lab File ID:	101087hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	02/02/2012 1403			Final Weight/Volume:	30 mL
Prep Date:	02/02/2012 1016				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.16	0.20

DATA REPORTING QUALIFIERS

Client: New York State D.E.C.

Job Number: 460-36250-1

Lab Section	Qualifier	Description
GC/MS VOA	U	Analyzed for but not detected.
	J	Indicates an estimated value.
Metals	U	Indicates analyzed for but not detected.
	J	Sample result is greater than the MDL but below the CRDL

QUALITY CONTROL RESULTS

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-36250-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-101444					
LCS 460-101444/3	Lab Control Sample	T	Water	624	
MB 460-101444/4	Method Blank	T	Water	624	
460-36250-1	Influent	T	Water	624	
460-36250-2	Effluent	T	Water	624	

Report Basis

T = Total

Metals

Prep Batch: 460-101087					
LCS 460-101087/2-A	Lab Control Sample	T	Water	7470A	
MB 460-101087/1-A	Method Blank	T	Water	7470A	
460-36250-1	Influent	T	Water	7470A	
Analysis Batch:460-101154					
LCS 460-101087/2-A	Lab Control Sample	T	Water	7470A	460-101087
MB 460-101087/1-A	Method Blank	T	Water	7470A	460-101087
460-36250-1	Influent	T	Water	7470A	460-101087
Prep Batch: 460-101269					
LCS 460-101269/2-A	Lab Control Sample	T	Water	3010A	
MB 460-101269/1-A	Method Blank	T	Water	3010A	
460-36250-1	Influent	T	Water	3010A	
Analysis Batch:460-101320					
LCS 460-101269/2-A	Lab Control Sample	T	Water	6010B	460-101269
MB 460-101269/1-A	Method Blank	T	Water	6010B	460-101269
460-36250-1	Influent	T	Water	6010B	460-101269

Report Basis

T = Total

Client: New York State D.E.C.

Job Number: 460-36250-1

Surrogate Recovery Report

624 Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-36250-1	Influent	98	99	99
460-36250-2	Effluent	98	99	100
MB 460-101444/4		98	100	98
LCS 460-101444/3		95	100	101

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-122
TOL = Toluene-d8 (Surr)	69-125
BFB = 4-Bromofluorobenzene	69-135

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-36250-1

Method Blank - Batch: 460-101444

Method: 624

Preparation: N/A

Lab Sample ID: MB 460-101444/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 02/06/2012 0838
 Prep Date: N/A
 Leach Date: N/A

Analysis Batch: 460-101444
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VOAMS6
 Lab File ID: f84608.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Methylene Chloride	1.0	U	0.19	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
2-Chloroethyl vinyl ether	1.0	U	0.19	1.0
Bromoform	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	70 - 122
Toluene-d8 (Surr)	100	69 - 125
4-Bromofluorobenzene	98	69 - 135

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-36250-1

Lab Control Sample - Batch: 460-101444

Method: 624

Preparation: N/A

Lab Sample ID: LCS 460-101444/3
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 02/06/2012 0746
 Prep Date: N/A
 Leach Date: N/A

Analysis Batch: 460-101444
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VOAMS6
 Lab File ID: f84606.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	18.5	93	0 - 273	
Bromomethane	20.0	17.4	87	0 - 242	
Vinyl chloride	20.0	19.3	97	0 - 251	
Chloroethane	20.0	20.2	101	14 - 230	
Methylene Chloride	20.0	18.4	92	0 - 221	
Trichlorofluoromethane	20.0	19.2	96	17 - 181	
1,1-Dichloroethene	20.0	18.9	94	0 - 234	
1,1-Dichloroethane	20.0	18.5	92	59 - 155	
trans-1,2-Dichloroethene	20.0	18.2	91	54 - 156	
Chloroform	20.0	18.7	94	51 - 138	
1,2-Dichloroethane	20.0	19.4	97	49 - 155	
1,1,1-Trichloroethane	20.0	18.4	92	52 - 162	
Carbon tetrachloride	20.0	18.9	95	70 - 140	
Bromodichloromethane	20.0	18.2	91	35 - 155	
1,2-Dichloropropane	20.0	18.5	93	0 - 210	
cis-1,3-Dichloropropene	20.0	18.3	91	0 - 227	
Trichloroethene	20.0	18.2	91	71 - 157	
Dibromochloromethane	20.0	17.4	87	53 - 149	
1,1,2-Trichloroethane	20.0	18.0	90	52 - 150	
trans-1,3-Dichloropropene	20.0	18.7	93	17 - 183	
Bromoform	20.0	18.0	90	45 - 169	
Tetrachloroethene	20.0	18.4	92	64 - 148	
1,1,2,2-Tetrachloroethane	20.0	19.6	98	46 - 157	
Chlorobenzene	20.0	18.6	93	37 - 160	
1,3-Dichlorobenzene	20.0	18.9	94	59 - 156	
1,4-Dichlorobenzene	20.0	18.9	94	18 - 190	
1,2-Dichlorobenzene	20.0	18.8	94	18 - 190	
Surrogate	% Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	95		70 - 122		
Toluene-d8 (Surr)	100		69 - 125		
4-Bromofluorobenzene	101		69 - 135		

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-36250-1

Method Blank - Batch: 460-101269

Method: 6010B

Preparation: 3010A

Lab Sample ID: MB 460-101269/1-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 02/03/2012 1410
Prep Date: 02/03/2012 1024
Leach Date: N/A

Analysis Batch: 460-101320
Prep Batch: 460-101269
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP4
Lab File ID: 02032012.asc
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Aluminum	200	U	72.1	200
Antimony	10.0	U	7.4	10.0
Arsenic	5.0	U	3.7	5.0
Barium	200	U	5.9	200
Beryllium	2.0	U	0.78	2.0
Cadmium	5.0	U	0.82	5.0
Calcium	5000	U	305	5000
Chromium	10.0	U	4.5	10.0
Cobalt	50.0	U	4.3	50.0
Copper	25.0	U	7.8	25.0
Iron	150	U	73.6	150
Lead	5.0	U	4.0	5.0
Magnesium	5000	U	321	5000
Manganese	15.0	U	4.3	15.0
Nickel	40.0	U	5.0	40.0
Potassium	5000	U	525	5000
Selenium	10.0	U	5.8	10.0
Silver	10.0	U	1.3	10.0
Sodium	5000	U	821	5000
Thallium	10.0	U	5.2	10.0
Vanadium	50.0	U	4.0	50.0
Zinc	30.0	U	5.8	30.0

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-36250-1

Lab Control Sample - Batch: 460-101269

Method: 6010B

Preparation: 3010A

Lab Sample ID: LCS 460-101269/2-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 02/03/2012 1359
 Prep Date: 02/03/2012 1024
 Leach Date: N/A

Analysis Batch: 460-101320
 Prep Batch: 460-101269
 Leach Batch: N/A
 Units: ug/L

Instrument ID: ICP4
 Lab File ID: 02032012.asc
 Initial Weight/Volume: 100 mL
 Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	2000	1973	99	80 - 120	
Antimony	500	484.6	97	80 - 120	
Arsenic	2000	1887	94	80 - 120	
Barium	2000	2015	101	80 - 120	
Beryllium	50.0	49.03	98	80 - 120	
Cadmium	50.0	50.42	101	80 - 120	
Calcium	20000	20430	102	80 - 120	
Chromium	200	203.9	102	80 - 120	
Cobalt	500	503.7	101	80 - 120	
Copper	250	249.8	100	80 - 120	
Iron	1000	1026	103	80 - 120	
Lead	500	517.0	103	80 - 120	
Magnesium	20000	19850	99	80 - 120	
Manganese	500	523.7	105	80 - 120	
Nickel	500	518.8	104	80 - 120	
Potassium	20000	18870	94	80 - 120	
Selenium	2000	1852	93	80 - 120	
Silver	50.0	49.05	98	80 - 120	
Sodium	20000	19440	97	80 - 120	
Thallium	2000	2123	106	80 - 120	
Vanadium	500	499.5	100	80 - 120	
Zinc	500	498.8	100	80 - 120	

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-36250-1

Method Blank - Batch: 460-101087

Method: 7470A Preparation: 7470A

Lab Sample ID: MB 460-101087/1-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 02/02/2012 1311
Prep Date: 02/02/2012 1016
Leach Date: N/A

Analysis Batch: 460-101154
Prep Batch: 460-101087
Leach Batch: N/A
Units: ug/L

Instrument ID: LEEMAN3
Lab File ID: 101087hg1.PRN
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.20	U	0.16	0.20

Lab Control Sample - Batch: 460-101087

Method: 7470A Preparation: 7470A

Lab Sample ID: LCS 460-101087/2-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 02/02/2012 1313
Prep Date: 02/02/2012 1016
Leach Date: N/A

Analysis Batch: 460-101154
Prep Batch: 460-101087
Leach Batch: N/A
Units: ug/L

Instrument ID: LEEMAN3
Lab File ID: 101087hg1.PRN
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	0.984	98	80 - 120	

TestAmerica Connecticut

128 Long Hill Cross Road
Shelton, CT 06484
Phone (203) 929-8140 Fax (203) 929-8142

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Contact:
K. Savard

Field Sampler:
EMR

TAT Required (business days):
Standard

Lab PM/Contact:

COC Number: **20846**

02/07/2012

Company:
E. A. R.

Mobile/Field Number:

Deliverable Type (Report/EDD):

Lab Job Number (Lab Use Only):
36250

Page ____ of ____

Address:
225 Atlantic Ave.

E-Mail:

Sample Disposal: ☐ Return to Client
☐ Archive for ____ Months
(A fee may be assessed if samples are retained for longer than 1 month)

Passed Rad Screen (Lab Use Only):
☐ Yes ☐ No

Carrier Tracking Notes:

City, State, Zip:
Patuxent, NY 11772

PO #:

Cooler Temperatures (Lab Use Only):

Analysis (Attach list if more space is needed)

Notes:

Phone:
831-447-6400

MO #:

State Regulatory QC Criteria Requirements:

Carrier Tracking Notes:

Email:

Project #:
51TE ID # 152125

State Regulatory QC Criteria Requirements:

Carrier Tracking Notes:

Project Name/Location (State):
DEC - Lindhurst 63 (NY)

SSOW#:

State Regulatory QC Criteria Requirements:

Carrier Tracking Notes:

Samples submitted for analysis will be subject to TestAmerica Terms and Conditions

State Regulatory QC Criteria Requirements:

Carrier Tracking Notes:

Comments

Field Sample Identification
TA # (Containers for each sample may be combined on one line)

Collection Date

Collection Time (24-Hour Clock)

Matrix
Aq=Aqueous, S=Solid, W=Waste/Oil, O=Other (Yes or No)

MS/MSD (Yes or No)

Unpreserved

H2SO4

HNO3

HCL

NaOH

ZnAc/NaOH

Other

601 via 624

TAL Metals

601 via 624

1-21-12

1410

Aq

MS/MSD

MS/MSD

1-26-12

1410

Aq

MS/MSD

MS/MSD

1-26-12

1410

Aq

MS/MSD

MS/MSD

1-26-12

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1-26-12

1410

Aq

MS/MSD

MS/MSD

1-26-12

1410

Aq

MS/MSD

MS/MSD

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 460-36250-1

Login Number: 36250

List Source: TestAmerica Edison

List Number: 1

Creator: Hall, Alonzo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	not present
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	2.4C IR# 50
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
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.