

ANALYTICAL REPORT

Job Number: 460-38856-1

Job Description: Site No: 130050 DEC Hempstead 206

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



Approved for release.
Jackie Trudell
Project Manager I
4/30/2012 7:51 AM

Designee for
Larry Decker
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04/30/2012

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

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



Approved for release.
Jackie Trudell
Project Manager I
4/30/2012 7:51 AM

Designee for
Larry Decker

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CASE NARRATIVE

Client: New York State D.E.C.

Project: Site No: 130050 DEC Hempstead 206

Report Number: 460-38856-1

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 04/06/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.3 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 460-38856-3 was analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared and analyzed on 04/19/2012.

No difficulties were encountered during the metals analysis.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-38856-1 through 460-38856-3 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA Method 624. The samples were analyzed on 04/16/2012.

No difficulties were encountered during the volatiles analyses.

All quality control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C.

Job Number: 460-38856-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-38856-1 Tetrachloroethene	EW-1	15		1.0	ug/L	624
460-38856-2 Tetrachloroethene	EW-2	44		1.0	ug/L	624
460-38856-3 Manganese	AS	13.7	J	15.0	ug/L	6010B

METHOD SUMMARY

Client: New York State D.E.C.

Job Number: 460-38856-1

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	TAL EDI		SW846 3010A

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: 460-38856-1

Method	Analyst	Analyst ID
40CFR136A 624	Moroney, Christopher J	CJM
SW846 6010B	Chang, Churn Der	CDC

SAMPLE SUMMARY

Client: New York State D.E.C.

Job Number: 460-38856-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-38856-1	EW-1	Water	04/05/2012 1230	04/06/2012 1935
460-38856-2	EW-2	Water	04/05/2012 1240	04/06/2012 1935
460-38856-3	AS	Water	04/05/2012 1250	04/06/2012 1935

SAMPLE RESULTS

Analytical Data

Client: New York State D.E.C.

Job Number: 460-38856-1

Client Sample ID: EW-1

Lab Sample ID: 460-38856-1

Date Sampled: 04/05/2012 1230

Client Matrix: Water

Date Received: 04/06/2012 1935

624 Volatile Organic Compounds (GC/MS)

Analysis Method: 624	Analysis Batch: 460-109392	Instrument ID: VOAMS1
N/A	Prep Batch: N/A	Lab File ID: a75046.d
Dilution: 1.0		Initial Weight/Volume: 5 mL
Analysis Date: 04/16/2012 0300		Final Weight/Volume: 5 mL
Prep Date: N/A		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
2-Chloroethyl vinyl ether	1.0	U	0.34	1.0
Bromoform	1.0	U	0.19	1.0
Tetrachloroethene	15		0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 130
Toluene-d8 (Surr)	93		70 - 130
4-Bromofluorobenzene	98		70 - 130

Analytical Data

Client: New York State D.E.C.

Job Number: 460-38856-1

Client Sample ID: EW-2

Lab Sample ID: 460-38856-2

Date Sampled: 04/05/2012 1240

Client Matrix: Water

Date Received: 04/06/2012 1935

624 Volatile Organic Compounds (GC/MS)

Analysis Method: 624	Analysis Batch: 460-109392	Instrument ID: VOAMS1
N/A	Prep Batch: N/A	Lab File ID: a75047.d
Dilution: 1.0		Initial Weight/Volume: 5 mL
Analysis Date: 04/16/2012 0320		Final Weight/Volume: 5 mL
Prep Date: N/A		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
2-Chloroethyl vinyl ether	1.0	U	0.34	1.0
Bromoform	1.0	U	0.19	1.0
Tetrachloroethene	44		0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 130
Toluene-d8 (Surr)	92		70 - 130
4-Bromofluorobenzene	95		70 - 130

Analytical Data

Client: New York State D.E.C.

Job Number: 460-38856-1

Client Sample ID: AS

Lab Sample ID: 460-38856-3

Date Sampled: 04/05/2012 1250

Client Matrix: Water

Date Received: 04/06/2012 1935

624 Volatile Organic Compounds (GC/MS)

Analysis Method: 624	Analysis Batch: 460-109392	Instrument ID: VOAMS1
N/A	Prep Batch: N/A	Lab File ID: a75048.d
Dilution: 1.0		Initial Weight/Volume: 5 mL
Analysis Date: 04/16/2012 0339		Final Weight/Volume: 5 mL
Prep Date: N/A		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
2-Chloroethyl vinyl ether	1.0	U	0.34	1.0
Bromoform	1.0	U	0.19	1.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 130
Toluene-d8 (Surr)	94		70 - 130
4-Bromofluorobenzene	98		70 - 130

Analytical Data

Client: New York State D.E.C.

Job Number: 460-38856-1

Client Sample ID: AS

Lab Sample ID: 460-38856-3

Date Sampled: 04/05/2012 1250

Client Matrix: Water

Date Received: 04/06/2012 1935

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-110000	Instrument ID:	ICP4
Prep Method:	3010A	Prep Batch:	460-109886	Lab File ID:	04192012A.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	04/19/2012 2211			Final Weight/Volume:	100 mL
Prep Date:	04/19/2012 1051				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	150	U	73.6	150
Manganese	13.7	J	4.3	15.0

DATA REPORTING QUALIFIERS

Client: New York State D.E.C.

Job Number: 460-38856-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
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: 460-38856-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-109392					
LCS 460-109392/3	Lab Control Sample	T	Water	624	
MB 460-109392/4	Method Blank	T	Water	624	
460-38856-1	EW-1	T	Water	624	
460-38856-2	EW-2	T	Water	624	
460-38856-3	AS	T	Water	624	

Report Basis

T = Total

Metals

Prep Batch: 460-109886					
LCS 460-109886/2-A	Lab Control Sample	T	Water	3010A	
MB 460-109886/1-A	Method Blank	T	Water	3010A	
460-38856-3	AS	T	Water	3010A	
Analysis Batch:460-110000					
LCS 460-109886/2-A	Lab Control Sample	T	Water	6010B	460-109886
MB 460-109886/1-A	Method Blank	T	Water	6010B	460-109886
460-38856-3	AS	T	Water	6010B	460-109886

Report Basis

T = Total

Client: New York State D.E.C.

Job Number: 460-38856-1

Surrogate Recovery Report

624 Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-38856-1	EW-1	106	93	98
460-38856-2	EW-2	106	92	95
460-38856-3	AS	105	94	98
MB 460-109392/4		105	95	98
LCS 460-109392/3		102	101	96

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-38856-1

Method Blank - Batch: 460-109392

Method: 624

Preparation: N/A

Lab Sample ID: MB 460-109392/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 04/15/2012 1655
 Prep Date: N/A
 Leach Date: N/A

Analysis Batch: 460-109392
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VOAMS1
 Lab File ID: a75037.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
2-Chloroethyl vinyl ether	1.0	U	0.34	1.0
Bromoform	1.0	U	0.19	1.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	70 - 130
Toluene-d8 (Surr)	95	70 - 130
4-Bromofluorobenzene	98	70 - 130

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-38856-1

Lab Control Sample - Batch: 460-109392

Method: 624

Preparation: N/A

Lab Sample ID: LCS 460-109392/3	Analysis Batch: 460-109392	Instrument ID: VOAMS1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: a75034.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 04/15/2012 1556	Units: ug/L	Final Weight/Volume: 5 mL
Prep Date: N/A		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	18.6	93	0 - 273	
Bromomethane	20.0	15.8	79	0 - 242	
Vinyl chloride	20.0	16.8	84	0 - 251	
Chloroethane	20.0	17.0	85	14 - 230	
Methylene Chloride	20.0	18.3	92	0 - 221	
Trichlorofluoromethane	20.0	18.1	91	17 - 181	
1,1-Dichloroethene	20.0	20.2	101	0 - 234	
1,1-Dichloroethane	20.0	18.6	93	59 - 155	
trans-1,2-Dichloroethene	20.0	19.6	98	54 - 156	
cis-1,2-Dichloroethene	20.0	18.3	92	80 - 120	
Chloroform	20.0	18.5	92	51 - 138	
1,2-Dichloroethane	20.0	18.5	93	49 - 155	
1,1,1-Trichloroethane	20.0	19.0	95	52 - 162	
Carbon tetrachloride	20.0	20.0	100	70 - 140	
Bromodichloromethane	20.0	18.6	93	35 - 155	
1,2-Dichloropropane	20.0	17.8	89	0 - 210	
cis-1,3-Dichloropropene	20.0	17.2	86	0 - 227	
Trichloroethene	20.0	18.5	93	71 - 157	
Dibromochloromethane	20.0	18.7	94	53 - 149	
1,1,2-Trichloroethane	20.0	17.4	87	52 - 150	
trans-1,3-Dichloropropene	20.0	16.8	84	17 - 183	
2-Chloroethyl vinyl ether	20.0	17.9	89	0 - 305	
Bromoform	20.0	17.7	88	45 - 169	
Tetrachloroethene	20.0	19.4	97	64 - 148	
1,1,2,2-Tetrachloroethane	20.0	15.9	80	46 - 157	
Chlorobenzene	20.0	18.5	93	37 - 160	
1,3-Dichlorobenzene	20.0	18.1	90	59 - 156	
1,4-Dichlorobenzene	20.0	17.9	89	18 - 190	
1,2-Dichlorobenzene	20.0	17.1	85	18 - 190	
Dichlorodifluoromethane	20.0	19.0	95	46 - 145	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		102		70 - 130	
Toluene-d8 (Surr)		101		70 - 130	
4-Bromofluorobenzene		96		70 - 130	

Quality Control Results

Client: New York State D.E.C.

Job Number: 460-38856-1

Method Blank - Batch: 460-109886

**Method: 6010B
Preparation: 3010A**

Lab Sample ID: MB 460-109886/1-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 04/19/2012 2044
 Prep Date: 04/19/2012 1051
 Leach Date: N/A

Analysis Batch: 460-110000
 Prep Batch: 460-109886
 Leach Batch: N/A
 Units: ug/L

Instrument ID: ICP4
 Lab File ID: 04192012A.asc
 Initial Weight/Volume: 100 mL
 Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Iron	150	U	73.6	150
Manganese	15.0	U	4.3	15.0

Lab Control Sample - Batch: 460-109886

**Method: 6010B
Preparation: 3010A**

Lab Sample ID: LCS 460-109886/2-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 04/19/2012 2034
 Prep Date: 04/19/2012 1051
 Leach Date: N/A

Analysis Batch: 460-110000
 Prep Batch: 460-109886
 Leach Batch: N/A
 Units: ug/L

Instrument ID: ICP4
 Lab File ID: 04192012A.asc
 Initial Weight/Volume: 100 mL
 Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Iron	1000	1038	104	80 - 120	
Manganese	500	521.2	104	80 - 120	

Chain of Custody Record

Client Contact: Karen Sawford Field Sampler: VB TAT Required (business days): Standard

Company: ENR Mobile/Field Number: 1335 Deliverable Type (Report/EDD): As Required / PDF

Address: 225 Atlantic Ave E-Mail: kar@sawford.com Sample Disposal: Return to Client Archive for ___ Months

City, State Zip: Patterson, NJ 07472 PO #: 1335 (A fee may be assessed if samples are retained for longer than 1 month)

Phone: 973-444-1640 WO #: 1335 State Regulatory QC Criteria Requirements: Part A

Email: kar@sawford.com Project #: Site ID 130050 State Regulatory QC Criteria Requirements: Part A

Project Name/Location (State): Dec Remediation 2006 SSO#: 1335 No. of Containers/Preservatives

TA #	Field Sample Identification (Containers for each sample may be combined on one line)	Collection Date	Collection Time (24-Hour Clock)	Matrix Aq=Aqueous, S=Solid, W=Wastewater, O=Other	MS/MSD (Yes or No)	No. of Containers/Preservatives						Unpreserved	H2SO4	HNO3	HCL	NaOH	ZnAc/NaOH	Other	Cooling/Storage	Analysis (Attach list if more space is needed)	Comments
	EN-1	4/5/12	1230	AQ																	1
	EN-2	4/5/12	1240	AQ																	2
	AS	4/5/12	1250	AQ																	3

Relinquished by: [Signature] Date/Time: 4-5-12/1700 Company: ENR Received by: BAR PRIDGE Date/Time: 4-5-12/1700 Company: ENR

Relinquished by: [Signature] Date/Time: 4-6-12 1300 Company: ENR Received by: ROBERT ANCIANO Date/Time: 4-6-12 1300 Company: ENR

Relinquished by: [Signature] Date/Time: 4-6-12 1300 Company: ENR Received by: [Signature] Date/Time: 4/6/12 1300 Company: ENR

Comments: Part A 4-6-12 1335 4-6-12 addl 4/6/12 1335

DISTRIBUTION: WHITE - Stays with the Samples; CANARY - Returned to Client with Report; PINK - Field Copy
Field Sampling / Shipping Instructions and Laboratory Sample Receipt Policy Included on Reverse Side of COC
7A-0015 (06/09) 1.3 #30

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 460-38856-1

Login Number: 38856

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	1.3° C 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.