

ATTACHMENT 7
ENVIRONMENTAL INFORMATION ON MAGNESIA MATERIAL

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: 460-59194-1
Client Project/Site: Bast Property

For:
RT Environmental Services, Inc.
215 West Church Road
King of Prussia, Pennsylvania 19406

Attn: Walter Hungarter

Jill Miller

Authorized for release by:
7/29/2013 10:34:26 AM

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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: RT Environmental Services, Inc.
Project/Site: Bast Property

TestAmerica Job ID: 460-59194-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

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

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	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)
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: RT Environmental Services, Inc.
Project/Site: Bast Property

TestAmerica Job ID: 460-59194-1

Job ID: 460-59194-1

Laboratory: TestAmerica Edison

Narrative

Job Narrative
460-59194-1

Comments

No additional comments.

Receipt

The samples were received on 7/10/2013 5:02 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.3° C.

GC/MS VOA

Method(s) 8260B: The matrix spike duplicate (MSD) recoveries for batch 170743 were outside control limits for Carbon tetrachloride. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 92551.

Method(s) 8260B: The method blank for batch 94403 contained Chloroform and Methylene Chloride above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method(s) 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 170167 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8270C: The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 170167 was outside control limits for 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, Hexachlorocyclopentadiene and Pentachlorophenol.

Method(s) 8270C: The following sample contained one acid surrogate outside acceptance limits: TP-2. The laboratory's SOP allows one acid surrogate and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

No other analytical or quality issues were noted.

GC Semi VOA

Method(s) 8081A: The closing calibration verification (CCV) for multiple analytes associated with batch 170751 recovered above the upper control limit on the secondary column. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No other analytical or quality issues were noted.

Metals

Method(s) 6010B: The matrix duplicate %RPD for lead associated with batch 170217 was outside the control limits.

Method(s) 6010B: The matrix spike(MS) recoveries for antimony in batch 170217 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

General Chemistry

Method(s) 1664A, 9071B: The matrix spike duplicate (MSD) recovery for batch 284865 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.



Case Narrative

Client: RT Environmental Services, Inc.
Project/Site: Bast Property

TestAmerica Job ID: 460-59194-1

Job ID: 460-59194-1 (Continued)

Laboratory: TestAmerica Edison (Continued)

Method(s) 9045C: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample(s) has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe:
TP-1, TP-2

No other analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

VOA Prep

No analytical or quality issues were noted.



Client Sample Results

Client: RT Environmental Services, Inc.
Project/Site: Bast Property

TestAmerica Job ID: 460-59194-1

Client Sample ID: TP-1

Lab Sample ID: 460-59194-1

Date Collected: 07/09/13 11:03

Matrix: Solid

Date Received: 07/10/13 17:02

Percent Solids: 45.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.0029	0.0013	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
Ethylbenzene	ND		0.0029	0.00096	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
1,1,2,2-Tetrachloroethane	ND		0.0029	0.0014	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
1,1,2-Trichloro-1,2,2-trichloroethane	ND		0.0029	0.0011	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
1,1,2-Trichloroethane	ND		0.0072	0.0020	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
1,1-Dichloroethane	ND		0.0029	0.00096	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
1,1-Dichloroethene	ND		0.0029	0.00082	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
1,2,3-Trichlorobenzene	ND		0.0029	0.00054	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
1,2,4-Trichlorobenzene	ND		0.0029	0.00096	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
1,2-Dibromo-3-Chloropropane	ND		0.0072	0.0010	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
1,2-Dibromoethane (EDB)	ND		0.0029	0.0014	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
1,2-Dichlorobenzene	ND		0.0029	0.00049	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
1,2-Dichloroethane	ND		0.0029	0.00096	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
1,2-Dichloropropane	ND		0.0029	0.0013	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
1,3-Dichlorobenzene	ND		0.0029	0.00096	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
1,4-Dichlorobenzene	ND		0.0029	0.00096	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
2-Butanone (MEK)	ND		0.072	0.0073	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
2-Hexanone	ND		0.072	0.024	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
4-Methyl-2-pentanone (MIBK)	ND		0.072	0.024	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
Acetone	ND		0.072	0.057	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
Benzene	ND		0.0029	0.00096	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
Bromochloromethane	ND		0.0029	0.00079	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
Bromodichloromethane	ND		0.0029	0.00079	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
Bromoform	ND		0.0029	0.00079	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
Bromomethane	ND		0.0029	0.0017	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
Carbon disulfide	ND		0.0072	0.0052	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
Carbon tetrachloride	ND		0.0029	0.00096	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
Chlorobenzene	ND		0.0029	0.00096	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
Chlorodibromomethane	ND		0.0029	0.00049	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
Chloroethane	ND		0.0072	0.0027	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
Chloroform	ND		0.0029	0.00096	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
Chloromethane	ND		0.0029	0.00096	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
cis-1,2-Dichloroethene	ND		0.0029	0.00096	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
cis-1,3-Dichloropropene	ND		0.0029	0.00096	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
Cyclohexane	ND		0.014	0.0047	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
Dichlorodifluoromethane	ND		0.0029	0.0014	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
Isopropylbenzene	ND		0.0029	0.00059	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
Methyl acetate	ND		0.014	0.0034	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
Methyl tert-butyl ether	ND		0.0029	0.0014	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
Methylcyclohexane	ND		0.014	0.0047	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
Methylene Chloride	ND		0.014	0.0012	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
Styrene	ND		0.0029	0.0016	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
Tetrachloroethene	ND		0.0029	0.0010	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
Toluene	ND		0.0029	0.0011	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
trans-1,2-Dichloroethene	ND		0.0029	0.00096	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
trans-1,3-Dichloropropene	ND		0.0029	0.00096	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
Trichloroethene	ND		0.0029	0.0014	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
Trichlorofluoromethane	ND		0.0029	0.0014	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
Vinyl chloride	ND		0.0029	0.0016	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1

TestAmerica Edison



Client Sample Results

Client: RT Environmental Services, Inc.
Project/Site: Bast Property

TestAmerica Job ID: 460-59194-1

Client Sample ID: TP-1

Lab Sample ID: 460-59194-1

Date Collected: 07/09/13 11:03

Matrix: Solid

Date Received: 07/10/13 17:02

Percent Solids: 45.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.0072	0.00096	mg/Kg	*	07/12/13 10:05	07/12/13 18:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		70 - 130				07/12/13 10:05	07/12/13 18:20	1
4-Bromofluorobenzene (Surr)	102		70 - 130				07/12/13 10:05	07/12/13 18:20	1
Dibromofluoromethane (Surr)	100		70 - 130				07/12/13 10:05	07/12/13 18:20	1
Toluene-d8 (Surr)	129		70 - 130				07/12/13 10:05	07/12/13 18:20	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		10	10	ug/L			07/16/13 13:36	10
Chlorobenzene	ND		10	10	ug/L			07/16/13 13:36	10
Chloroform	ND		10	10	ug/L			07/16/13 13:36	10
1,4-Dichlorobenzene	ND		10	10	ug/L			07/16/13 13:36	10
1,2-Dichloroethane	ND		10	10	ug/L			07/16/13 13:36	10
1,1-Dichloroethene	ND		10	10	ug/L			07/16/13 13:36	10
2-Butanone	ND		50	50	ug/L			07/16/13 13:36	10
Tetrachloroethene	ND		10	10	ug/L			07/16/13 13:36	10
Trichloroethene	ND		10	10	ug/L			07/16/13 13:36	10
Vinyl chloride	ND		10	10	ug/L			07/16/13 13:36	10
Benzene	ND		10	10	ug/L			07/16/13 13:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		70 - 130					07/16/13 13:36	10
Bromofluorobenzene	103		70 - 130					07/16/13 13:36	10
Toluene-d8 (Surr)	93		70 - 130					07/16/13 13:36	10
Dibromofluoromethane (Surr)	110		70 - 130					07/16/13 13:36	10

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.73	0.098	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
2-Chlorophenol	ND		0.73	0.096	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
2-Methylphenol	ND		0.73	0.12	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
4-Methylphenol	ND		0.73	0.14	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
2-Nitrophenol	ND		0.73	0.082	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
2,4-Dimethylphenol	ND		0.73	0.18	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
2,4-Dichlorophenol	ND		0.73	0.11	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
4-Chloro-3-methylphenol	ND		0.73	0.11	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
2,4,6-Trichlorophenol	ND		0.73	0.086	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
2,4,5-Trichlorophenol	ND		0.73	0.094	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
2,4-Dinitrophenol	ND		2.2	0.42	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
4-Nitrophenol	ND		2.2	0.47	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
4,6-Dinitro-2-methylphenol	ND		2.2	0.20	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Pentachlorophenol	ND		2.2	0.22	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Bis(2-chloroethyl)ether	ND		0.073	0.010	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
1,3-Dichlorobenzene	ND		0.73	0.066	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
1,4-Dichlorobenzene	ND		0.73	0.083	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
1,2-Dichlorobenzene	ND		0.73	0.085	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
N-Nitrosodi-n-propylamine	ND		0.073	0.012	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Hexachloroethane	ND		0.073	0.0081	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1

TestAmerica Edison



Client Sample Results

Client: RT Environmental Services, Inc.
Project/Site: Bast Property

TestAmerica Job ID: 460-59194-1

Client Sample ID: TP-1

Lab Sample ID: 460-59194-1

Date Collected: 07/09/13 11:03

Matrix: Solid

Date Received: 07/10/13 17:02

Percent Solids: 45.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		0.073	0.010	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Isophorone	ND		0.73	0.089	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Bis(2-chloroethoxy)methane	ND		0.73	0.094	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
1,2,4-Trichlorobenzene	ND		0.073	0.0083	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Naphthalene	ND		0.73	0.085	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
4-Chloroaniline	ND		0.73	0.19	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Hexachlorobutadiene	ND		0.15	0.018	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
2-Methylnaphthalene	ND		0.73	0.094	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Hexachlorocyclopentadiene	ND		0.73	0.086	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
2-Chloronaphthalene	ND		0.73	0.082	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
2-Nitroaniline	ND		1.5	0.31	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Dimethyl phthalate	ND		0.73	0.087	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Acenaphthylene	ND		0.73	0.087	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
2,6-Dinitrotoluene	ND		0.15	0.022	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
3-Nitroaniline	ND		1.5	0.26	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Acenaphthene	ND		0.73	0.11	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Dibenzofuran	ND		0.73	0.086	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
2,4-Dinitrotoluene	ND		0.15	0.024	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Diethyl phthalate	ND		0.73	0.087	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
4-Chlorophenyl phenyl ether	ND		0.73	0.086	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Fluorene	ND		0.73	0.094	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
4-Nitroaniline	ND		1.5	0.23	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
N-Nitrosodiphenylamine	ND		0.73	0.072	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
4-Bromophenyl phenyl ether	ND		0.73	0.073	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Hexachlorobenzene	ND		0.073	0.010	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Phenanthrene	ND		0.73	0.093	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Anthracene	ND		0.73	0.089	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Carbazole	ND		0.73	0.087	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Di-n-butyl phthalate	ND		0.73	0.090	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Fluoranthene	ND		0.73	0.098	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Pyrene	ND		0.73	0.061	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Butyl benzyl phthalate	ND		0.73	0.067	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
3,3'-Dichlorobenzidine	ND		1.5	0.26	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Benzo[a]anthracene	ND		0.073	0.0051	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Chrysene	ND		0.73	0.085	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Bis(2-ethylhexyl) phthalate	ND		0.73	0.24	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Di-n-octyl phthalate	ND		0.73	0.047	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Benzo[b]fluoranthene	ND		0.073	0.0046	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Benzo[k]fluoranthene	ND		0.073	0.0056	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Benzo[a]pyrene	ND		0.073	0.0052	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Indeno[1,2,3-cd]pyrene	ND		0.073	0.014	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Dibenz(a,h)anthracene	ND		0.073	0.0092	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Benzo[g,h,i]perylene	ND		0.73	0.054	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
bis (2-chloroisopropyl) ether	ND		0.73	0.081	mg/Kg	*	07/11/13 20:55	07/16/13 11:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	76		40 - 109				07/11/13 20:55	07/16/13 11:04	1
2-Fluorophenol	64		37 - 125				07/11/13 20:55	07/16/13 11:04	1
Phenol-d5	82		41 - 118				07/11/13 20:55	07/16/13 11:04	1
Nitrobenzene-d5	73		38 - 105				07/11/13 20:55	07/16/13 11:04	1

TestAmerica Edison



Client Sample Results

Client: RT Environmental Services, Inc.
Project/Site: Bast Property

TestAmerica Job ID: 460-59194-1

Client Sample ID: TP-1

Lab Sample ID: 460-59194-1

Date Collected: 07/09/13 11:03

Matrix: Solid

Date Received: 07/10/13 17:02

Percent Solids: 45.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	58		10 - 120	07/11/13 20:55	07/16/13 11:04	1
Terphenyl-d14	84		16 - 151	07/11/13 20:55	07/16/13 11:04	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	ND		40	40	ug/L		07/14/13 12:12	07/17/13 03:07	1
1,4-Dichlorobenzene	ND		40	40	ug/L		07/14/13 12:12	07/17/13 03:07	1
Hexachloroethane	ND		4.0	4.0	ug/L		07/14/13 12:12	07/17/13 03:07	1
Nitrobenzene	ND		4.0	4.0	ug/L		07/14/13 12:12	07/17/13 03:07	1
o-Cresol	ND		40	40	ug/L		07/14/13 12:12	07/17/13 03:07	1
m & p - Cresol	ND		40	40	ug/L		07/14/13 12:12	07/17/13 03:07	1
Pentachlorophenol	ND		120	120	ug/L		07/14/13 12:12	07/17/13 03:07	1
Hexachlorobutadiene	ND		8.0	8.0	ug/L		07/14/13 12:12	07/17/13 03:07	1
2,4-Dinitrotoluene	ND		8.0	8.0	ug/L		07/14/13 12:12	07/17/13 03:07	1
Hexachlorobenzene	ND		4.0	4.0	ug/L		07/14/13 12:12	07/17/13 03:07	1
2,4,5-Trichlorophenol	ND		40	40	ug/L		07/14/13 12:12	07/17/13 03:07	1
2,4,6-Trichlorophenol	ND		40	40	ug/L		07/14/13 12:12	07/17/13 03:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	75		53 - 108	07/14/13 12:12	07/17/13 03:07	1
2-Fluorophenol	33		10 - 65	07/14/13 12:12	07/17/13 03:07	1
Phenol-d5	20		10 - 48	07/14/13 12:12	07/17/13 03:07	1
Nitrobenzene-d5	64		56 - 112	07/14/13 12:12	07/17/13 03:07	1
2,4,6-Tribromophenol	73		46 - 122	07/14/13 12:12	07/17/13 03:07	1
Terphenyl-d14	80		50 - 122	07/14/13 12:12	07/17/13 03:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane	ND		5.0	5.0	ug/L		07/13/13 14:39	07/15/13 15:24	1
Endrin	ND		0.50	0.50	ug/L		07/13/13 14:39	07/15/13 15:24	1
gamma-BHC (Lindane)	ND		0.50	0.50	ug/L		07/13/13 14:39	07/15/13 15:24	1
Heptachlor	ND		0.50	0.50	ug/L		07/13/13 14:39	07/15/13 15:24	1
Heptachlor epoxide	ND		0.50	0.50	ug/L		07/13/13 14:39	07/15/13 15:24	1
Methoxychlor	ND		0.50	0.50	ug/L		07/13/13 14:39	07/15/13 15:24	1
Toxaphene	ND		5.0	5.0	ug/L		07/13/13 14:39	07/15/13 15:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	138		46 - 140	07/13/13 14:39	07/15/13 15:24	1
Tetrachloro-m-xylene	126		46 - 140	07/13/13 14:39	07/15/13 15:24	1
DCB Decachlorobiphenyl	133		55 - 150	07/13/13 14:39	07/15/13 15:24	1
DCB Decachlorobiphenyl	127		55 - 150	07/13/13 14:39	07/15/13 15:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		0.15	0.033	mg/Kg	*	07/12/13 03:45	07/12/13 11:01	1
Aroclor 1221	ND		0.15	0.033	mg/Kg	*	07/12/13 03:45	07/12/13 11:01	1
Aroclor 1232	ND		0.15	0.033	mg/Kg	*	07/12/13 03:45	07/12/13 11:01	1
Aroclor 1242	ND		0.15	0.033	mg/Kg	*	07/12/13 03:45	07/12/13 11:01	1
Aroclor 1248	ND		0.15	0.033	mg/Kg	*	07/12/13 03:45	07/12/13 11:01	1
Aroclor 1254	ND		0.15	0.042	mg/Kg	*	07/12/13 03:45	07/12/13 11:01	1

TestAmerica Edison



Client Sample Results

Client: RT Environmental Services, Inc.
Project/Site: Bast Property

TestAmerica Job ID: 460-59194-1

Client Sample ID: TP-1

Lab Sample ID: 460-59194-1

Date Collected: 07/09/13 11:03

Matrix: Solid

Date Received: 07/10/13 17:02

Percent Solids: 45.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1260	ND		0.15	0.042	mg/Kg	*	07/12/13 03:45	07/12/13 11:01	1
Aroclor 1262	ND		0.15	0.042	mg/Kg	*	07/12/13 03:45	07/12/13 11:01	1
Aroclor 1268	ND		0.15	0.042	mg/Kg	*	07/12/13 03:45	07/12/13 11:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	86		45 - 138				07/12/13 03:45	07/12/13 11:01	1
DCB Decachlorobiphenyl	87		45 - 138				07/12/13 03:45	07/12/13 11:01	1

Method: 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		17	17	ug/L	*	07/13/13 18:22	07/16/13 19:03	1
Silvex (2,4,5-TP)	ND		17	17	ug/L	*	07/13/13 18:22	07/16/13 19:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	108		72 - 145				07/13/13 18:22	07/16/13 19:03	1
2,4-Dichlorophenylacetic acid	110		72 - 145				07/13/13 18:22	07/16/13 19:03	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1600		86	39	mg/Kg	*	07/12/13 07:23	07/12/13 15:08	4
Antimony	ND		4.3	2.7	mg/Kg	*	07/12/13 07:23	07/12/13 15:08	4
Arsenic	ND		2.2	2.0	mg/Kg	*	07/12/13 07:23	07/12/13 15:08	4
Barium	20	J	86	2.5	mg/Kg	*	07/12/13 07:23	07/12/13 15:08	4
Beryllium	ND		0.86	0.31	mg/Kg	*	07/12/13 07:23	07/12/13 15:08	4
Cadmium	ND		2.2	0.32	mg/Kg	*	07/12/13 07:23	07/12/13 15:08	4
Calcium	310000		11000	760	mg/Kg	*	07/12/13 07:23	07/12/13 18:45	20
Chromium	ND		4.3	1.9	mg/Kg	*	07/12/13 07:23	07/12/13 15:08	4
Cobalt	ND		22	1.8	mg/Kg	*	07/12/13 07:23	07/12/13 15:08	4
Copper	16		11	4.2	mg/Kg	*	07/12/13 07:23	07/12/13 15:08	4
Iron	2500		65	26	mg/Kg	*	07/12/13 07:23	07/12/13 15:08	4
Lead	4.2		2.2	1.9	mg/Kg	*	07/12/13 07:23	07/12/13 15:08	4
Magnesium	29000		2200	160	mg/Kg	*	07/12/13 07:23	07/12/13 15:08	4
Manganese	170		6.5	1.9	mg/Kg	*	07/12/13 07:23	07/12/13 15:08	4
Nickel	ND		17	1.9	mg/Kg	*	07/12/13 07:23	07/12/13 15:08	4
Potassium	ND		2200	230	mg/Kg	*	07/12/13 07:23	07/12/13 15:08	4
Selenium	ND		4.3	2.8	mg/Kg	*	07/12/13 07:23	07/12/13 15:08	4
Silver	ND		4.3	0.43	mg/Kg	*	07/12/13 07:23	07/12/13 15:08	4
Sodium	ND		2200	340	mg/Kg	*	07/12/13 07:23	07/12/13 15:08	4
Thallium	ND		4.3	2.4	mg/Kg	*	07/12/13 07:23	07/12/13 15:08	4
Vanadium	2.4	J	22	1.7	mg/Kg	*	07/12/13 07:23	07/12/13 15:08	4
Zinc	12	J	13	2.3	mg/Kg	*	07/12/13 07:23	07/12/13 15:08	4

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		25	25	ug/L	*	07/13/13 16:20	07/14/13 15:41	5
Barium	ND		1000	1000	ug/L	*	07/13/13 16:20	07/14/13 15:41	5
Cadmium	ND		25	25	ug/L	*	07/13/13 16:20	07/14/13 15:41	5
Chromium	ND		50	50	ug/L	*	07/13/13 16:20	07/14/13 15:41	5
Copper	ND		130	130	ug/L	*	07/13/13 16:20	07/14/13 15:41	5
Lead	ND		25	25	ug/L	*	07/13/13 16:20	07/14/13 15:41	5
Nickel	ND		200	200	ug/L	*	07/13/13 16:20	07/14/13 15:41	5

TestAmerica Edison



Client Sample Results

Client: RT Environmental Services, Inc.
Project/Site: Bast Property

TestAmerica Job ID: 460-59194-1

Client Sample ID: TP-1

Lab Sample ID: 460-59194-1

Date Collected: 07/09/13 11:03

Matrix: Solid

Date Received: 07/10/13 17:02

Method: 6010B - Metals (ICP) - TCLP (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		50	50	ug/L		07/13/13 16:20	07/14/13 15:41	5
Silver	ND		50	50	ug/L		07/13/13 16:20	07/14/13 15:41	5
Zinc	ND		150	150	ug/L		07/13/13 16:20	07/14/13 15:41	5

Method: 7470A - Mercury (CVAA) - TCLP									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.20	ug/L		07/15/13 11:01	07/15/13 14:38	1

Method: 7471A - Mercury (CVAA)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.037	0.026	mg/Kg	*	07/12/13 09:52	07/12/13 15:12	1

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate	ND		2.2	2.2	mm/sec			07/14/13 07:00	1
HEM (Oil & Grease)	ND		220	42	mg/Kg	*		07/17/13 09:14	1
Cyanide, Reactive	ND		25	25	mg/Kg		07/14/13 09:30	07/14/13 10:30	1
Sulfide, Reactive	ND		20	13	mg/Kg		07/14/13 09:30	07/14/13 10:30	1
Corrosivity	9.51	HF			SU			07/12/13 17:32	1
Free Liquid	0.50		0.50	0.50	mL/100g			07/11/13 10:00	1
Percent Moisture	55		1.0	1.0	%			07/15/13 15:05	1
Percent Solids	45		1.0	1.0	%			07/15/13 15:05	1
Total Volatile Solids	6.3		0.10	0.10	%			07/15/13 08:24	1

General Chemistry - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.62				SU			07/13/13 11:31	1
Corrosivity	7.62				SU			07/13/13 11:31	1

General Chemistry - ASTM Leach									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease	ND		100	28	mg/L		07/23/13 00:05	07/23/13 00:51	1
Chemical Oxygen Demand	19		10	10	mg/Kg			07/18/13 11:00	1
Ammonia	ND		100	100	ug/L		07/15/13 06:30	07/15/13 11:24	1
Total Solids	1400000		10000	10000	ug/L			07/15/13 08:46	1

Client Sample ID: TP-2

Lab Sample ID: 460-59194-2

Date Collected: 07/09/13 12:15

Matrix: Solid

Date Received: 07/10/13 17:02

Percent Solids: 64.7

Method: 8260B - Volatile Organic Compounds (GC/MS)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.0029	0.0014	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
Ethylbenzene	ND		0.0029	0.00099	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
1,1,2,2-Tetrachloroethane	ND		0.0029	0.0015	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
1,1,2-Trichloroethane	ND		0.0074	0.0021	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
1,1-Dichloroethane	ND		0.0029	0.00099	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
1,1-Dichloroethene	ND		0.0029	0.00084	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
1,2,3-Trichlorobenzene	ND		0.0029	0.00056	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
1,2,4-Trichlorobenzene	ND		0.0029	0.00099	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
1,2-Dibromo-3-Chloropropane	ND		0.0074	0.0010	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1

TestAmerica Edison

Client Sample Results

Client: RT Environmental Services, Inc.
Project/Site: Bast Property

TestAmerica Job ID: 460-59194-1

Client Sample ID: TP-2

Lab Sample ID: 460-59194-2

Date Collected: 07/09/13 12:15

Matrix: Solid

Date Received: 07/10/13 17:02

Percent Solids: 64.7

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.0029	0.0015	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
1,2-Dichlorobenzene	ND		0.0029	0.00050	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
1,2-Dichloroethane	ND		0.0029	0.00099	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
1,2-Dichloropropane	ND		0.0029	0.0014	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
1,3-Dichlorobenzene	ND		0.0029	0.00099	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
1,4-Dichlorobenzene	ND		0.0029	0.00099	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
2-Butanone (MEK)	ND		0.074	0.0075	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
2-Hexanone	ND		0.074	0.025	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
4-Methyl-2-pentanone (MIBK)	ND		0.074	0.025	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
Acetone	ND		0.074	0.059	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
Benzene	ND		0.0029	0.00099	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
Bromochloromethane	ND		0.0029	0.00081	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
Bromodichloromethane	ND		0.0029	0.00081	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
Bromoform	ND		0.0029	0.00081	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
Bromomethane	ND		0.0029	0.0018	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
Carbon disulfide	ND		0.0074	0.0053	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
Carbon tetrachloride	ND		0.0029	0.00099	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
Chlorobenzene	ND		0.0029	0.00099	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
Chlorodibromomethane	ND		0.0029	0.00050	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
Chloroethane	ND		0.0074	0.0028	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
Chloroform	0.0020	J B	0.0029	0.00099	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
Chloromethane	ND		0.0029	0.00099	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
cis-1,2-Dichloroethene	ND		0.0029	0.00099	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
cis-1,3-Dichloropropene	ND		0.0029	0.00099	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
Cyclohexane	ND		0.015	0.0049	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
Dichlorodifluoromethane	ND		0.0029	0.0015	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
Isopropylbenzene	ND		0.0029	0.00060	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
Methyl acetate	ND		0.015	0.0035	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
Methyl tert-butyl ether	ND		0.0029	0.0014	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
Methylcyclohexane	ND		0.015	0.0049	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
Methylene Chloride	0.013	J B	0.015	0.0013	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
Styrene	ND		0.0029	0.0016	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
Tetrachloroethene	ND		0.0029	0.0011	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
Toluene	0.0012	J	0.0029	0.0011	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
trans-1,2-Dichloroethene	ND		0.0029	0.00099	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
trans-1,3-Dichloropropene	ND		0.0029	0.00099	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
Trichloroethene	ND		0.0029	0.0014	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
Trichlorofluoromethane	ND		0.0029	0.0015	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
Vinyl chloride	ND		0.0029	0.0016	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
Xylenes, Total	ND		0.0074	0.00099	mg/Kg	*	07/22/13 15:41	07/22/13 19:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 130				07/22/13 15:41	07/22/13 19:56	1
4-Bromofluorobenzene (Surr)	102		70 - 130				07/22/13 15:41	07/22/13 19:56	1
Dibromofluoromethane (Surr)	103		70 - 130				07/22/13 15:41	07/22/13 19:56	1
Toluene-d8 (Surr)	104		70 - 130				07/22/13 15:41	07/22/13 19:56	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - TCLP									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		10	10	ug/L			07/16/13 17:47	10

TestAmerica Edison



Client Sample Results

Client: RT Environmental Services, Inc.
Project/Site: Bast Property

TestAmerica Job ID: 460-59194-1

Client Sample ID: TP-2

Lab Sample ID: 460-59194-2

Date Collected: 07/09/13 12:15

Matrix: Solid

Date Received: 07/10/13 17:02

Method: 8260B - Volatile Organic Compounds (GC/MS) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		10	10	ug/L			07/16/13 17:47	10
Chloroform	ND		10	10	ug/L			07/16/13 17:47	10
1,4-Dichlorobenzene	ND		10	10	ug/L			07/16/13 17:47	10
1,2-Dichloroethane	ND		10	10	ug/L			07/16/13 17:47	10
1,1-Dichloroethene	ND		10	10	ug/L			07/16/13 17:47	10
2-Butanone	ND		50	50	ug/L			07/16/13 17:47	10
Tetrachloroethene	ND		10	10	ug/L			07/16/13 17:47	10
Trichloroethene	ND		10	10	ug/L			07/16/13 17:47	10
Vinyl chloride	ND		10	10	ug/L			07/16/13 17:47	10
Benzene	ND		10	10	ug/L			07/16/13 17:47	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		70 - 130		07/16/13 17:47	10
Bromofluorobenzene	101		70 - 130		07/16/13 17:47	10
Toluene-d8 (Surr)	95		70 - 130		07/16/13 17:47	10
Dibromofluoromethane (Surr)	88		70 - 130		07/16/13 17:47	10

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.6	0.34	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
2-Chlorophenol	ND		2.6	0.34	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
2-Methylphenol	ND		2.6	0.44	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
4-Methylphenol	ND		2.6	0.50	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
2-Nitrophenol	ND		2.6	0.29	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
2,4-Dimethylphenol	ND		2.6	0.63	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
2,4-Dichlorophenol	ND		2.6	0.38	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
4-Chloro-3-methylphenol	ND		2.6	0.39	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
2,4,6-Trichlorophenol	ND		2.6	0.30	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
2,4,5-Trichlorophenol	ND		2.6	0.33	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
2,4-Dinitrophenol	ND		7.8	1.5	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
4-Nitrophenol	ND		7.8	1.7	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
4,6-Dinitro-2-methylphenol	ND		7.8	0.70	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Pentachlorophenol	ND		7.8	0.77	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Bis(2-chloroethyl)ether	ND		0.26	0.035	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
1,3-Dichlorobenzene	ND		2.6	0.23	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
1,4-Dichlorobenzene	ND		2.6	0.29	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
1,2-Dichlorobenzene	ND		2.6	0.30	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
N-Nitrosodi-n-propylamine	ND		0.26	0.043	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Hexachloroethane	ND		0.26	0.029	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Nitrobenzene	ND		0.26	0.036	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Isophorone	ND		2.6	0.31	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Bis(2-chloroethoxy)methane	ND		2.6	0.33	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
1,2,4-Trichlorobenzene	ND		0.26	0.029	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Naphthalene	ND		2.6	0.30	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
4-Chloroaniline	ND		2.6	0.68	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Hexachlorobutadiene	ND		0.52	0.063	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
2-Methylnaphthalene	0.41	J	2.6	0.33	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Hexachlorocyclopentadiene	ND		2.6	0.30	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
2-Chloronaphthalene	ND		2.6	0.29	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
2-Nitroaniline	ND		5.2	1.1	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5

TestAmerica Edison



Client Sample Results

Client: RT Environmental Services, Inc.
Project/Site: Bast Property

TestAmerica Job ID: 460-59194-1

Client Sample ID: TP-2

Lab Sample ID: 460-59194-2

Date Collected: 07/09/13 12:15

Matrix: Solid

Date Received: 07/10/13 17:02

Percent Solids: 64.7

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		2.6	0.30	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Acenaphthylene	ND		2.6	0.30	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
2,6-Dinitrotoluene	ND		0.52	0.077	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
3-Nitroaniline	ND		5.2	0.91	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Acenaphthene	ND		2.6	0.37	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Dibenzofuran	ND		2.6	0.30	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
2,4-Dinitrotoluene	ND		0.52	0.085	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Diethyl phthalate	ND		2.6	0.31	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
4-Chlorophenyl phenyl ether	ND		2.6	0.30	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Fluorene	ND		2.6	0.33	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
4-Nitroaniline	ND		5.2	0.80	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
N-Nitrosodiphenylamine	ND		2.6	0.25	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
4-Bromophenyl phenyl ether	ND		2.6	0.25	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Hexachlorobenzene	ND		0.26	0.035	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Phenanthrene	0.53	J	2.6	0.33	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Anthracene	ND		2.6	0.31	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Carbazole	ND		2.6	0.30	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Di-n-butyl phthalate	ND		2.6	0.32	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Fluoranthene	ND		2.6	0.34	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Pyrene	0.26	J	2.6	0.21	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Butyl benzyl phthalate	ND		2.6	0.23	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
3,3'-Dichlorobenzidine	ND		5.2	0.90	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Benzo[a]anthracene	ND		0.26	0.018	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Chrysene	ND		2.6	0.30	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Bis(2-ethylhexyl) phthalate	ND		2.6	0.85	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Di-n-octyl phthalate	ND		2.6	0.16	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Benzo[b]fluoranthene	ND		0.26	0.016	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Benzo[k]fluoranthene	ND		0.26	0.019	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Benzo[a]pyrene	ND		0.26	0.018	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Indeno[1,2,3-cd]pyrene	ND		0.26	0.048	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Dibenz(a,h)anthracene	ND		0.26	0.032	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
Benzo[g,h,i]perylene	ND		2.6	0.19	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5
bis (2-chloroisopropyl) ether	ND		2.6	0.28	mg/Kg	*	07/11/13 20:55	07/16/13 19:16	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	64		40 - 109	07/11/13 20:55	07/16/13 19:16	5
2-Fluorophenol	22	X	37 - 125	07/11/13 20:55	07/16/13 19:16	5
Phenol-d5	42		41 - 118	07/11/13 20:55	07/16/13 19:16	5
Nitrobenzene-d5	59		38 - 105	07/11/13 20:55	07/16/13 19:16	5
2,4,6-Tribromophenol	15		10 - 120	07/11/13 20:55	07/16/13 19:16	5
Terphenyl-d14	65		16 - 151	07/11/13 20:55	07/16/13 19:16	5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	ND		40	40	ug/L		07/14/13 12:12	07/17/13 03:28	1
1,4-Dichlorobenzene	ND		40	40	ug/L		07/14/13 12:12	07/17/13 03:28	1
Hexachloroethane	ND		4.0	4.0	ug/L		07/14/13 12:12	07/17/13 03:28	1
Nitrobenzene	ND		4.0	4.0	ug/L		07/14/13 12:12	07/17/13 03:28	1
o-Cresol	ND		40	40	ug/L		07/14/13 12:12	07/17/13 03:28	1
m & p - Cresol	ND		40	40	ug/L		07/14/13 12:12	07/17/13 03:28	1

TestAmerica Edison



Client Sample Results

Client: RT Environmental Services, Inc.
Project/Site: Bast Property

TestAmerica Job ID: 460-59194-1

Client Sample ID: TP-2

Lab Sample ID: 460-59194-2

Date Collected: 07/09/13 12:15

Matrix: Solid

Date Received: 07/10/13 17:02

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		120	120	ug/L		07/14/13 12:12	07/17/13 03:28	1
Hexachlorobutadiene	ND		8.0	8.0	ug/L		07/14/13 12:12	07/17/13 03:28	1
2,4-Dinitrotoluene	ND		8.0	8.0	ug/L		07/14/13 12:12	07/17/13 03:28	1
Hexachlorobenzene	ND		4.0	4.0	ug/L		07/14/13 12:12	07/17/13 03:28	1
2,4,5-Trichlorophenol	ND		40	40	ug/L		07/14/13 12:12	07/17/13 03:28	1
2,4,6-Trichlorophenol	ND		40	40	ug/L		07/14/13 12:12	07/17/13 03:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	79		53 - 108				07/14/13 12:12	07/17/13 03:28	1
2-Fluorophenol	30		10 - 65				07/14/13 12:12	07/17/13 03:28	1
Phenol-d5	17		10 - 48				07/14/13 12:12	07/17/13 03:28	1
Nitrobenzene-d5	69		56 - 112				07/14/13 12:12	07/17/13 03:28	1
2,4,6-Tribromophenol	72		46 - 122				07/14/13 12:12	07/17/13 03:28	1
Terphenyl-d14	93		50 - 122				07/14/13 12:12	07/17/13 03:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane	ND		5.0	5.0	ug/L		07/13/13 14:39	07/15/13 15:40	1
Endrin	ND		0.50	0.50	ug/L		07/13/13 14:39	07/15/13 15:40	1
gamma-BHC (Lindane)	ND		0.50	0.50	ug/L		07/13/13 14:39	07/15/13 15:40	1
Heptachlor	ND		0.50	0.50	ug/L		07/13/13 14:39	07/15/13 15:40	1
Heptachlor epoxide	ND		0.50	0.50	ug/L		07/13/13 14:39	07/15/13 15:40	1
Methoxychlor	ND		0.50	0.50	ug/L		07/13/13 14:39	07/15/13 15:40	1
Toxaphene	ND		5.0	5.0	ug/L		07/13/13 14:39	07/15/13 15:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	134		46 - 140				07/13/13 14:39	07/15/13 15:40	1
Tetrachloro-m-xylene	122		46 - 140				07/13/13 14:39	07/15/13 15:40	1
DCB Decachlorobiphenyl	106		55 - 150				07/13/13 14:39	07/15/13 15:40	1
DCB Decachlorobiphenyl	101		55 - 150				07/13/13 14:39	07/15/13 15:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		0.10	0.023	mg/Kg	✱	07/12/13 03:45	07/12/13 11:18	1
Aroclor 1221	ND		0.10	0.023	mg/Kg	✱	07/12/13 03:45	07/12/13 11:18	1
Aroclor 1232	ND		0.10	0.023	mg/Kg	✱	07/12/13 03:45	07/12/13 11:18	1
Aroclor 1242	ND		0.10	0.023	mg/Kg	✱	07/12/13 03:45	07/12/13 11:18	1
Aroclor 1248	ND		0.10	0.023	mg/Kg	✱	07/12/13 03:45	07/12/13 11:18	1
Aroclor 1254	ND		0.10	0.029	mg/Kg	✱	07/12/13 03:45	07/12/13 11:18	1
Aroclor 1260	ND		0.10	0.029	mg/Kg	✱	07/12/13 03:45	07/12/13 11:18	1
Aroclor 1262	ND		0.10	0.029	mg/Kg	✱	07/12/13 03:45	07/12/13 11:18	1
Aroclor 1268	ND		0.10	0.029	mg/Kg	✱	07/12/13 03:45	07/12/13 11:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	90		45 - 138				07/12/13 03:45	07/12/13 11:18	1
DCB Decachlorobiphenyl	91		45 - 138				07/12/13 03:45	07/12/13 11:18	1

Method: 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		17	17	ug/L		07/13/13 18:22	07/16/13 19:18	1
Silvex (2,4,5-TP)	ND		17	17	ug/L		07/13/13 18:22	07/16/13 19:18	1

TestAmerica Edison

Client Sample Results

Client: RT Environmental Services, Inc.
Project/Site: Bast Property

TestAmerica Job ID: 460-59194-1

Client Sample ID: TP-2

Lab Sample ID: 460-59194-2

Date Collected: 07/09/13 12:15

Matrix: Solid

Date Received: 07/10/13 17:02

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	108		72 - 145	07/13/13 18:22	07/16/13 19:18	1
2,4-Dichlorophenylacetic acid	109		72 - 145	07/13/13 18:22	07/16/13 19:18	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7300		62	28	mg/Kg	*	07/12/13 07:23	07/12/13 15:11	4
Antimony	ND		3.1	1.9	mg/Kg	*	07/12/13 07:23	07/12/13 15:11	4
Arsenic	3.5		1.5	1.5	mg/Kg	*	07/12/13 07:23	07/12/13 15:11	4
Barium	44	J	62	1.8	mg/Kg	*	07/12/13 07:23	07/12/13 15:11	4
Beryllium	0.54	J	0.62	0.22	mg/Kg	*	07/12/13 07:23	07/12/13 15:11	4
Cadmium	ND		1.5	0.23	mg/Kg	*	07/12/13 07:23	07/12/13 15:11	4
Calcium	180000		7700	550	mg/Kg	*	07/12/13 07:23	07/12/13 18:49	20
Chromium	2.5	J	3.1	1.3	mg/Kg	*	07/12/13 07:23	07/12/13 15:11	4
Cobalt	2.7	J	15	1.3	mg/Kg	*	07/12/13 07:23	07/12/13 15:11	4
Copper	44		7.7	3.0	mg/Kg	*	07/12/13 07:23	07/12/13 15:11	4
Iron	4600		46	19	mg/Kg	*	07/12/13 07:23	07/12/13 15:11	4
Lead	190		1.5	1.3	mg/Kg	*	07/12/13 07:23	07/12/13 15:11	4
Magnesium	120000		7700	560	mg/Kg	*	07/12/13 07:23	07/12/13 18:49	20
Manganese	220		4.6	1.4	mg/Kg	*	07/12/13 07:23	07/12/13 15:11	4
Nickel	5.9	J	12	1.4	mg/Kg	*	07/12/13 07:23	07/12/13 15:11	4
Potassium	810	J	1500	170	mg/Kg	*	07/12/13 07:23	07/12/13 15:11	4
Selenium	ND		3.1	2.0	mg/Kg	*	07/12/13 07:23	07/12/13 15:11	4
Silver	ND		3.1	0.31	mg/Kg	*	07/12/13 07:23	07/12/13 15:11	4
Sodium	ND		1500	240	mg/Kg	*	07/12/13 07:23	07/12/13 15:11	4
Thallium	ND		3.1	1.7	mg/Kg	*	07/12/13 07:23	07/12/13 15:11	4
Vanadium	19		15	1.2	mg/Kg	*	07/12/13 07:23	07/12/13 15:11	4
Zinc	55		9.3	1.7	mg/Kg	*	07/12/13 07:23	07/12/13 15:11	4

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		25	25	ug/L		07/13/13 16:20	07/14/13 15:44	5
Barium	ND		1000	1000	ug/L		07/13/13 16:20	07/14/13 15:44	5
Cadmium	ND		25	25	ug/L		07/13/13 16:20	07/14/13 15:44	5
Chromium	ND		50	50	ug/L		07/13/13 16:20	07/14/13 15:44	5
Copper	ND		130	130	ug/L		07/13/13 16:20	07/14/13 15:44	5
Lead	210		25	25	ug/L		07/13/13 16:20	07/14/13 15:44	5
Nickel	ND		200	200	ug/L		07/13/13 16:20	07/14/13 15:44	5
Selenium	ND		50	50	ug/L		07/13/13 16:20	07/14/13 15:44	5
Silver	ND		50	50	ug/L		07/13/13 16:20	07/14/13 15:44	5
Zinc	ND		150	150	ug/L		07/13/13 16:20	07/14/13 15:44	5

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.20	ug/L		07/15/13 11:01	07/15/13 14:40	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.33		0.026	0.018	mg/Kg	*	07/12/13 09:52	07/12/13 15:17	1

TestAmerica Edison



Client Sample Results

Client: RT Environmental Services, Inc.
Project/Site: Bast Property

TestAmerica Job ID: 460-59194-1

Client Sample ID: TP-2

Lab Sample ID: 460-59194-2

Date Collected: 07/09/13 12:15

Matrix: Solid

Date Received: 07/10/13 17:02

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate	ND		2.2	2.2	mm/sec			07/14/13 07:00	1
HEM (Oil & Grease)	ND		150	29	mg/Kg	*		07/17/13 09:14	1
Cyanide, Reactive	ND		25	25	mg/Kg		07/14/13 09:30	07/14/13 10:30	1
Sulfide, Reactive	ND		20	13	mg/Kg		07/14/13 09:30	07/14/13 10:30	1
Corrosivity	12.5	HF			SU			07/12/13 17:34	1
Free Liquid	ND		0.50	0.50	mL/100g			07/11/13 10:00	1
Percent Moisture	35		1.0	1.0	%			07/15/13 15:05	1
Percent Solids	65		1.0	1.0	%			07/15/13 15:05	1
Total Volatile Solids	11		0.10	0.10	%			07/15/13 08:24	1

General Chemistry - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	12.4				SU			07/13/13 11:32	1
Corrosivity	12.4				SU			07/13/13 11:32	1

General Chemistry - ASTM Leach									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease	ND		100	28	mg/L		07/23/13 00:05	07/23/13 00:51	1
Chemical Oxygen Demand	290		10	10	mg/Kg			07/18/13 11:00	1
Ammonia	ND		100	100	ug/L		07/15/13 06:30	07/15/13 11:25	1
Total Solids	220000		20000	20000	ug/L			07/15/13 08:46	1

Client Sample ID: TP-5

Lab Sample ID: 460-59194-3

Date Collected: 07/09/13 13:46

Matrix: Solid

Date Received: 07/10/13 17:02

Percent Solids: 54.8

Method: 8260B - Volatile Organic Compounds (GC/MS)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.0032	0.0015	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
Ethylbenzene	ND		0.0032	0.0011	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
1,1,2,2-Tetrachloroethane	ND		0.0032	0.0016	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
1,1,2-Trichloroethane	ND		0.0081	0.0023	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
1,1-Dichloroethane	ND		0.0032	0.0011	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
1,1-Dichloroethene	ND		0.0032	0.00092	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
1,2,3-Trichlorobenzene	ND		0.0032	0.00061	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
1,2,4-Trichlorobenzene	ND		0.0032	0.0011	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
1,2-Dibromo-3-Chloropropane	ND		0.0081	0.0011	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
1,2-Dibromoethane (EDB)	ND		0.0032	0.0016	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
1,2-Dichlorobenzene	ND		0.0032	0.00055	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
1,2-Dichloroethane	ND		0.0032	0.0011	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
1,2-Dichloropropane	ND		0.0032	0.0015	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
1,3-Dichlorobenzene	ND		0.0032	0.0011	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
1,4-Dichlorobenzene	ND		0.0032	0.0011	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
2-Butanone (MEK)	ND		0.081	0.0082	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
2-Hexanone	ND		0.081	0.027	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
4-Methyl-2-pentanone (MIBK)	ND		0.081	0.027	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
Acetone	ND		0.081	0.065	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
Benzene	ND		0.0032	0.0011	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
Bromochloromethane	ND		0.0032	0.00089	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
Bromodichloromethane	ND		0.0032	0.00089	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1

TestAmerica Edison



Client Sample Results

Client: RT Environmental Services, Inc.
Project/Site: Bast Property

TestAmerica Job ID: 460-59194-1

Client Sample ID: TP-5

Lab Sample ID: 460-59194-3

Date Collected: 07/09/13 13:46

Matrix: Solid

Date Received: 07/10/13 17:02

Percent Solids: 54.8

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.0032	0.00089	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
Bromomethane	ND		0.0032	0.0019	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
Carbon disulfide	ND		0.0081	0.0058	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
Carbon tetrachloride	ND		0.0032	0.0011	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
Chlorobenzene	ND		0.0032	0.0011	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
Chlorodibromomethane	ND		0.0032	0.00055	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
Chloroethane	ND		0.0081	0.0031	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
Chloroform	0.0021	J B	0.0032	0.0011	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
Chloromethane	ND		0.0032	0.0011	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
cis-1,2-Dichloroethene	ND		0.0032	0.0011	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
cis-1,3-Dichloropropene	ND		0.0032	0.0011	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
Cyclohexane	ND		0.016	0.0053	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
Dichlorodifluoromethane	ND		0.0032	0.0016	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
Isopropylbenzene	ND		0.0032	0.00066	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
Methyl acetate	ND		0.016	0.0039	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
Methyl tert-butyl ether	ND		0.0032	0.0016	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
Methylcyclohexane	ND		0.016	0.0053	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
Methylene Chloride	0.0028	J B	0.016	0.0014	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
Styrene	ND		0.0032	0.0018	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
Tetrachloroethene	ND		0.0032	0.0012	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
Toluene	ND		0.0032	0.0012	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
trans-1,2-Dichloroethene	ND		0.0032	0.0011	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
trans-1,3-Dichloropropene	ND		0.0032	0.0011	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
Trichloroethene	ND		0.0032	0.0016	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
Trichlorofluoromethane	ND		0.0032	0.0016	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
Vinyl chloride	ND		0.0032	0.0018	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
Xylenes, Total	ND		0.0081	0.0011	mg/Kg	*	07/22/13 15:41	07/22/13 19:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		70 - 130				07/22/13 15:41	07/22/13 19:26	1
4-Bromofluorobenzene (Surr)	101		70 - 130				07/22/13 15:41	07/22/13 19:26	1
Dibromofluoromethane (Surr)	101		70 - 130				07/22/13 15:41	07/22/13 19:26	1
Toluene-d8 (Surr)	104		70 - 130				07/22/13 15:41	07/22/13 19:26	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.60	0.081	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
2-Chlorophenol	ND		0.60	0.079	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
2-Methylphenol	ND		0.60	0.10	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
4-Methylphenol	ND		0.60	0.12	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
2-Nitrophenol	ND		0.60	0.067	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
2,4-Dimethylphenol	ND		0.60	0.15	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
2,4-Dichlorophenol	ND		0.60	0.088	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
4-Chloro-3-methylphenol	ND		0.60	0.091	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
2,4,6-Trichlorophenol	ND		0.60	0.071	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
2,4,5-Trichlorophenol	ND		0.60	0.078	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
2,4-Dinitrophenol	ND		1.8	0.34	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
4-Nitrophenol	ND		1.8	0.39	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
4,6-Dinitro-2-methylphenol	ND		1.8	0.16	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Pentachlorophenol	ND		1.8	0.18	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1

TestAmerica Edison



Client Sample Results

Client: RT Environmental Services, Inc.
Project/Site: Bast Property

TestAmerica Job ID: 460-59194-1

Client Sample ID: TP-5

Lab Sample ID: 460-59194-3

Date Collected: 07/09/13 13:46

Matrix: Solid

Date Received: 07/10/13 17:02

Percent Solids: 54.8

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	ND		0.060	0.0082	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
1,3-Dichlorobenzene	ND		0.60	0.055	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
1,4-Dichlorobenzene	ND		0.60	0.068	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
1,2-Dichlorobenzene	ND		0.60	0.070	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
N-Nitrosodi-n-propylamine	ND		0.060	0.010	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Hexachloroethane	ND		0.060	0.0067	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Nitrobenzene	ND		0.060	0.0086	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Isophorone	ND		0.60	0.073	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Bis(2-chloroethoxy)methane	ND		0.60	0.078	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
1,2,4-Trichlorobenzene	ND		0.060	0.0068	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Naphthalene	ND		0.60	0.070	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
4-Chloroaniline	ND		0.60	0.16	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Hexachlorobutadiene	ND		0.12	0.015	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
2-Methylnaphthalene	ND		0.60	0.078	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Hexachlorocyclopentadiene	ND		0.60	0.071	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
2-Chloronaphthalene	ND		0.60	0.067	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
2-Nitroaniline	ND		1.2	0.25	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Dimethyl phthalate	ND		0.60	0.072	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Acenaphthylene	ND		0.60	0.071	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
2,6-Dinitrotoluene	ND		0.12	0.018	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
3-Nitroaniline	ND		1.2	0.21	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Acenaphthene	ND		0.60	0.088	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Dibenzofuran	ND		0.60	0.071	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
2,4-Dinitrotoluene	ND		0.12	0.020	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Diethyl phthalate	ND		0.60	0.072	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
4-Chlorophenyl phenyl ether	ND		0.60	0.071	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Fluorene	ND		0.60	0.077	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
4-Nitroaniline	ND		1.2	0.19	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
N-Nitrosodiphenylamine	ND		0.60	0.059	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
4-Bromophenyl phenyl ether	ND		0.60	0.060	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Hexachlorobenzene	ND		0.060	0.0082	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Phenanthrene	ND		0.60	0.077	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Anthracene	ND		0.60	0.073	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Carbazole	ND		0.60	0.071	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Di-n-butyl phthalate	ND		0.60	0.074	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Fluoranthene	ND		0.60	0.080	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Pyrene	ND		0.60	0.051	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Butyl benzyl phthalate	ND		0.60	0.055	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
3,3'-Dichlorobenzidine	ND		1.2	0.21	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Benzo[a]anthracene	ND		0.060	0.0042	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Chrysene	ND		0.60	0.070	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Bis(2-ethylhexyl) phthalate	ND		0.60	0.20	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Di-n-octyl phthalate	ND		0.60	0.039	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Benzo[b]fluoranthene	ND		0.060	0.0038	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Benzo[k]fluoranthene	ND		0.060	0.0046	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Benzo[a]pyrene	ND		0.060	0.0043	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Indeno[1,2,3-cd]pyrene	ND		0.060	0.011	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Dibenz(a,h)anthracene	ND		0.060	0.0076	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Benzo[g,h,i]perylene	ND		0.60	0.045	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1

TestAmerica Edison



Client Sample Results

Client: RT Environmental Services, Inc.
Project/Site: Bast Property

TestAmerica Job ID: 460-59194-1

Client Sample ID: TP-5

Lab Sample ID: 460-59194-3

Date Collected: 07/09/13 13:46

Matrix: Solid

Date Received: 07/10/13 17:02

Percent Solids: 54.8

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		0.60	0.067	mg/Kg	*	07/11/13 20:55	07/16/13 08:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	72		40 - 109				07/11/13 20:55	07/16/13 08:57	1
2-Fluorophenol	69		37 - 125				07/11/13 20:55	07/16/13 08:57	1
Phenol-d5	90		41 - 118				07/11/13 20:55	07/16/13 08:57	1
Nitrobenzene-d5	72		38 - 105				07/11/13 20:55	07/16/13 08:57	1
2,4,6-Tribromophenol	76		10 - 120				07/11/13 20:55	07/16/13 08:57	1
Terphenyl-d14	91		16 - 151				07/11/13 20:55	07/16/13 08:57	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1800		71	32	mg/Kg	*	07/12/13 07:23	07/12/13 15:15	4
Antimony	ND		3.5	2.2	mg/Kg	*	07/12/13 07:23	07/12/13 15:15	4
Arsenic	ND		1.8	1.7	mg/Kg	*	07/12/13 07:23	07/12/13 15:15	4
Barium	18	J	71	2.0	mg/Kg	*	07/12/13 07:23	07/12/13 15:15	4
Beryllium	ND		0.71	0.25	mg/Kg	*	07/12/13 07:23	07/12/13 15:15	4
Cadmium	ND		1.8	0.26	mg/Kg	*	07/12/13 07:23	07/12/13 15:15	4
Calcium	340000		13000	940	mg/Kg	*	07/12/13 07:23	07/12/13 18:53	30
Chromium	ND		27	11	mg/Kg	*	07/12/13 07:23	07/12/13 18:53	30
Cobalt	ND		18	1.5	mg/Kg	*	07/12/13 07:23	07/12/13 15:15	4
Copper	9.7		8.9	3.4	mg/Kg	*	07/12/13 07:23	07/12/13 15:15	4
Iron	2300		53	21	mg/Kg	*	07/12/13 07:23	07/12/13 15:15	4
Lead	ND		1.8	1.5	mg/Kg	*	07/12/13 07:23	07/12/13 15:15	4
Magnesium	23000		1800	130	mg/Kg	*	07/12/13 07:23	07/12/13 15:15	4
Manganese	250		5.3	1.6	mg/Kg	*	07/12/13 07:23	07/12/13 15:15	4
Nickel	ND		14	1.6	mg/Kg	*	07/12/13 07:23	07/12/13 15:15	4
Potassium	ND		1800	190	mg/Kg	*	07/12/13 07:23	07/12/13 15:15	4
Selenium	ND		3.5	2.3	mg/Kg	*	07/12/13 07:23	07/12/13 15:15	4
Silver	ND		3.5	0.35	mg/Kg	*	07/12/13 07:23	07/12/13 15:15	4
Sodium	ND		1800	280	mg/Kg	*	07/12/13 07:23	07/12/13 15:15	4
Thallium	ND		3.5	2.0	mg/Kg	*	07/12/13 07:23	07/12/13 15:15	4
Vanadium	3.5	J	18	1.4	mg/Kg	*	07/12/13 07:23	07/12/13 15:15	4
Zinc	25		11	1.9	mg/Kg	*	07/12/13 07:23	07/12/13 15:15	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.030	0.022	mg/Kg	*	07/12/13 09:52	07/12/13 15:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	45		1.0	1.0	%			07/15/13 15:05	1
Percent Solids	55		1.0	1.0	%			07/15/13 15:05	1

Client Sample ID: TP-4

Lab Sample ID: 460-59194-4

Date Collected: 07/10/13 08:47

Matrix: Solid

Date Received: 07/10/13 17:02

Percent Solids: 43.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.0042	0.0019	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1

TestAmerica Edison

Client Sample Results

Client: RT Environmental Services, Inc.
Project/Site: Bast Property

TestAmerica Job ID: 460-59194-1

Client Sample ID: TP-4

Lab Sample ID: 460-59194-4

Date Collected: 07/10/13 08:47

Matrix: Solid

Date Received: 07/10/13 17:02

Percent Solids: 43.9

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.0042	0.0014	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
1,1,2,2-Tetrachloroethane	ND		0.0042	0.0021	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
1,1,2-Trichloroethane	ND		0.010	0.0029	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
1,1-Dichloroethane	ND		0.0042	0.0014	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
1,1-Dichloroethene	ND		0.0042	0.0012	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
1,2,3-Trichlorobenzene	ND		0.0042	0.00079	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
1,2,4-Trichlorobenzene	ND		0.0042	0.0014	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0015	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
1,2-Dibromoethane (EDB)	ND		0.0042	0.0021	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
1,2-Dichlorobenzene	ND		0.0042	0.00071	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
1,2-Dichloroethane	ND		0.0042	0.0014	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
1,2-Dichloropropane	ND		0.0042	0.0020	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
1,3-Dichlorobenzene	ND		0.0042	0.0014	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
1,4-Dichlorobenzene	ND		0.0042	0.0014	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
2-Butanone (MEK)	ND		0.10	0.011	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
2-Hexanone	ND		0.10	0.035	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
4-Methyl-2-pentanone (MIBK)	ND		0.10	0.036	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
Acetone	ND		0.10	0.084	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
Benzene	ND		0.0042	0.0014	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
Bromochloromethane	ND		0.0042	0.0012	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
Bromodichloromethane	ND		0.0042	0.0012	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
Bromoform	ND		0.0042	0.0012	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
Bromomethane	ND		0.0042	0.0025	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
Carbon disulfide	ND		0.010	0.0075	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
Carbon tetrachloride	ND		0.0042	0.0014	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
Chlorobenzene	ND		0.0042	0.0014	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
Chlorodibromomethane	ND		0.0042	0.00071	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
Chloroethane	ND		0.010	0.0040	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
Chloroform	0.0028	J B	0.0042	0.0014	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
Chloromethane	ND		0.0042	0.0014	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
cis-1,2-Dichloroethene	ND		0.0042	0.0014	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
cis-1,3-Dichloropropene	ND		0.0042	0.0014	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
Cyclohexane	ND		0.021	0.0069	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
Dichlorodifluoromethane	ND		0.0042	0.0021	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
Isopropylbenzene	ND		0.0042	0.00086	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
Methyl acetate	ND		0.021	0.0050	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
Methyl tert-butyl ether	ND		0.0042	0.0020	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
Methylcyclohexane	ND		0.021	0.0069	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
Methylene Chloride	0.019	J B	0.021	0.0018	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
Styrene	ND		0.0042	0.0023	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
Tetrachloroethene	ND		0.0042	0.0015	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
Toluene	ND		0.0042	0.0015	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
trans-1,2-Dichloroethene	ND		0.0042	0.0014	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
trans-1,3-Dichloropropene	ND		0.0042	0.0014	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
Trichloroethene	ND		0.0042	0.0020	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
Trichlorofluoromethane	ND		0.0042	0.0021	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
Vinyl chloride	ND		0.0042	0.0023	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1
Xylenes, Total	ND		0.010	0.0014	mg/Kg	*	07/22/13 15:41	07/22/13 18:55	1



Client Sample Results

Client: RT Environmental Services, Inc.
Project/Site: Bast Property

TestAmerica Job ID: 460-59194-1

Client Sample ID: TP-4

Lab Sample ID: 460-59194-4

Date Collected: 07/10/13 08:47

Matrix: Solid

Date Received: 07/10/13 17:02

Percent Solids: 43.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		70 - 130	07/22/13 15:41	07/22/13 18:55	1
4-Bromofluorobenzene (Surr)	100		70 - 130	07/22/13 15:41	07/22/13 18:55	1
Dibromofluoromethane (Surr)	101		70 - 130	07/22/13 15:41	07/22/13 18:55	1
Toluene-d8 (Surr)	104		70 - 130	07/22/13 15:41	07/22/13 18:55	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.75	0.10	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
2-Chlorophenol	ND		0.75	0.099	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
2-Methylphenol	ND		0.75	0.13	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
4-Methylphenol	ND		0.75	0.15	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
2-Nitrophenol	ND		0.75	0.084	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
2,4-Dimethylphenol	ND		0.75	0.19	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
2,4-Dichlorophenol	ND		0.75	0.11	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
4-Chloro-3-methylphenol	ND		0.75	0.11	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
2,4,6-Trichlorophenol	ND		0.75	0.088	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
2,4,5-Trichlorophenol	ND		0.75	0.097	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
2,4-Dinitrophenol	ND		2.3	0.43	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
4-Nitrophenol	ND		2.3	0.49	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
4,6-Dinitro-2-methylphenol	ND		2.3	0.21	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Pentachlorophenol	ND		2.3	0.23	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Bis(2-chloroethyl)ether	ND		0.075	0.010	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
1,3-Dichlorobenzene	ND		0.75	0.068	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
1,4-Dichlorobenzene	ND		0.75	0.085	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
1,2-Dichlorobenzene	ND		0.75	0.088	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
N-Nitrosodi-n-propylamine	ND		0.075	0.013	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Hexachloroethane	ND		0.075	0.0084	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Nitrobenzene	ND		0.075	0.011	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Isophorone	ND		0.75	0.091	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Bis(2-chloroethoxy)methane	ND		0.75	0.097	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
1,2,4-Trichlorobenzene	ND		0.075	0.0085	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Naphthalene	ND		0.75	0.087	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
4-Chloroaniline	ND		0.75	0.20	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Hexachlorobutadiene	ND		0.15	0.018	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
2-Methylnaphthalene	ND		0.75	0.097	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Hexachlorocyclopentadiene	ND		0.75	0.089	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
2-Chloronaphthalene	ND		0.75	0.084	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
2-Nitroaniline	ND		1.5	0.31	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Dimethyl phthalate	ND		0.75	0.089	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Acenaphthylene	ND		0.75	0.089	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
2,6-Dinitrotoluene	ND		0.15	0.023	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
3-Nitroaniline	ND		1.5	0.27	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Acenaphthene	ND		0.75	0.11	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Dibenzofuran	ND		0.75	0.088	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
2,4-Dinitrotoluene	ND		0.15	0.025	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Diethyl phthalate	ND		0.75	0.090	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
4-Chlorophenyl phenyl ether	ND		0.75	0.088	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Fluorene	ND		0.75	0.096	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
4-Nitroaniline	ND		1.5	0.23	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
N-Nitrosodiphenylamine	ND		0.75	0.074	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1

TestAmerica Edison



Client Sample Results

Client: RT Environmental Services, Inc.
Project/Site: Bast Property

TestAmerica Job ID: 460-59194-1

Client Sample ID: TP-4

Lab Sample ID: 460-59194-4

Date Collected: 07/10/13 08:47

Matrix: Solid

Date Received: 07/10/13 17:02

Percent Solids: 43.9

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	ND		0.75	0.075	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Hexachlorobenzene	ND		0.075	0.010	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Phenanthrene	ND		0.75	0.096	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Anthracene	ND		0.75	0.092	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Carbazole	ND		0.75	0.089	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Di-n-butyl phthalate	ND		0.75	0.093	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Fluoranthene	ND		0.75	0.10	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Pyrene	ND		0.75	0.063	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Butyl benzyl phthalate	ND		0.75	0.069	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
3,3'-Dichlorobenzidine	ND		1.5	0.26	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Benzo[a]anthracene	ND		0.075	0.0053	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Chrysene	ND		0.75	0.088	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Bis(2-ethylhexyl) phthalate	ND		0.75	0.25	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Di-n-octyl phthalate	ND		0.75	0.048	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Benzo[b]fluoranthene	ND		0.075	0.0048	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Benzo[k]fluoranthene	ND		0.075	0.0057	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Benzo[a]pyrene	ND		0.075	0.0053	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Indeno[1,2,3-cd]pyrene	ND		0.075	0.014	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Dibenz(a,h)anthracene	ND		0.075	0.0095	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
Benzo[g,h,i]perylene	ND		0.75	0.056	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1
bis (2-chloroisopropyl) ether	ND		0.75	0.083	mg/Kg	*	07/11/13 20:55	07/16/13 08:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	67		40 - 109	07/11/13 20:55	07/16/13 08:32	1
2-Fluorophenol	67		37 - 125	07/11/13 20:55	07/16/13 08:32	1
Phenol-d5	90		41 - 118	07/11/13 20:55	07/16/13 08:32	1
Nitrobenzene-d5	66		38 - 105	07/11/13 20:55	07/16/13 08:32	1
2,4,6-Tribromophenol	75		10 - 120	07/11/13 20:55	07/16/13 08:32	1
Terphenyl-d14	85		16 - 151	07/11/13 20:55	07/16/13 08:32	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1800		83	38	mg/Kg	*	07/12/13 07:23	07/12/13 15:19	4
Antimony	ND		4.1	2.6	mg/Kg	*	07/12/13 07:23	07/12/13 15:19	4
Arsenic	ND		2.1	1.9	mg/Kg	*	07/12/13 07:23	07/12/13 15:19	4
Barium	20	J	83	2.4	mg/Kg	*	07/12/13 07:23	07/12/13 15:19	4
Beryllium	ND		0.83	0.30	mg/Kg	*	07/12/13 07:23	07/12/13 15:19	4
Cadmium	ND		2.1	0.31	mg/Kg	*	07/12/13 07:23	07/12/13 15:19	4
Calcium	300000		10000	730	mg/Kg	*	07/12/13 07:23	07/12/13 18:56	20
Chromium	ND		21	8.9	mg/Kg	*	07/12/13 07:23	07/12/13 18:56	20
Cobalt	ND		21	1.8	mg/Kg	*	07/12/13 07:23	07/12/13 15:19	4
Copper	13		10	4.0	mg/Kg	*	07/12/13 07:23	07/12/13 15:19	4
Iron	2100		62	25	mg/Kg	*	07/12/13 07:23	07/12/13 15:19	4
Lead	ND		2.1	1.8	mg/Kg	*	07/12/13 07:23	07/12/13 15:19	4
Magnesium	31000		2100	150	mg/Kg	*	07/12/13 07:23	07/12/13 15:19	4
Manganese	220		6.2	1.8	mg/Kg	*	07/12/13 07:23	07/12/13 15:19	4
Nickel	ND		17	1.8	mg/Kg	*	07/12/13 07:23	07/12/13 15:19	4
Potassium	340	J	2100	220	mg/Kg	*	07/12/13 07:23	07/12/13 15:19	4
Selenium	ND		4.1	2.7	mg/Kg	*	07/12/13 07:23	07/12/13 15:19	4
Silver	ND		4.1	0.41	mg/Kg	*	07/12/13 07:23	07/12/13 15:19	4

TestAmerica Edison



Client Sample Results

Client: RT Environmental Services, Inc.
Project/Site: Bast Property

TestAmerica Job ID: 460-59194-1

Client Sample ID: TP-4

Lab Sample ID: 460-59194-4

Date Collected: 07/10/13 08:47

Matrix: Solid

Date Received: 07/10/13 17:02

Percent Solids: 43.9

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	510	J	2100	330	mg/Kg	※	07/12/13 07:23	07/12/13 15:19	4
Thallium	ND		4.1	2.3	mg/Kg	※	07/12/13 07:23	07/12/13 15:19	4
Vanadium	3.6	J	21	1.6	mg/Kg	※	07/12/13 07:23	07/12/13 15:19	4
Zinc	20		12	2.2	mg/Kg	※	07/12/13 07:23	07/12/13 15:19	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.039	0.027	mg/Kg	※	07/12/13 09:52	07/12/13 15:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	56		1.0	1.0	%			07/15/13 15:05	1
Percent Solids	44		1.0	1.0	%			07/15/13 15:05	1



Lab Chronicle

Client: RT Environmental Services, Inc.
Project/Site: Bast Property

TestAmerica Job ID: 460-59194-1

Client Sample ID: TP-1

Lab Sample ID: 460-59194-1

Date Collected: 07/09/13 11:03

Matrix: Solid

Date Received: 07/10/13 17:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			170118	07/11/13 15:25	FHW	TAL EDI
TCLP	Analysis	8260B		10	170743	07/16/13 13:36	CJM	TAL EDI
Total/NA	Prep	5035			92520	07/12/13 10:05	MLN	TAL NSH
Total/NA	Analysis	8260B		1	92551	07/12/13 18:20	KKK	TAL NSH
Total/NA	Prep	3541			170167	07/11/13 20:55		TAL EDI
Total/NA	Analysis	8270C		1	170737	07/16/13 11:04	MMC	TAL EDI
TCLP	Leach	1311			170300	07/12/13 13:46	VMH	TAL EDI
TCLP	Prep	3510C			170469	07/14/13 12:12	MBE	TAL EDI
TCLP	Analysis	8270C		1	171092	07/17/13 03:07	MMC	TAL EDI
Total/NA	Prep	3546			170200	07/12/13 03:45	ARA	TAL EDI
Total/NA	Analysis	8082		1	170257	07/12/13 11:01	JHP	TAL EDI
TCLP	Leach	1311			170300	07/12/13 13:46	VMH	TAL EDI
TCLP	Prep	3510C			170412	07/13/13 14:39	HAW	TAL EDI
TCLP	Analysis	8081A		1	170751	07/15/13 15:24	FAM	TAL EDI
TCLP	Leach	1311			170300	07/12/13 13:46	VMH	TAL EDI
TCLP	Analysis	8151A		1	170828	07/16/13 19:03	SAK	TAL EDI
TCLP	Prep	8151A			170427	07/13/13 18:22	JMS	TAL EDI
Total/NA	Prep	7471A			170247	07/12/13 09:52	PHP	TAL EDI
Total/NA	Analysis	7471A		1	170344	07/12/13 15:12	PHP	TAL EDI
Total/NA	Analysis	6010B		20	170348	07/12/13 18:45	CDC	TAL EDI
Total/NA	Prep	3050B			170217	07/12/13 07:23	MDC	TAL EDI
Total/NA	Analysis	6010B		4	170348	07/12/13 15:08	CDC	TAL EDI
TCLP	Leach	1311			170300	07/12/13 13:46	VMH	TAL EDI
TCLP	Prep	3010A			170422	07/13/13 16:20	EAE	TAL EDI
TCLP	Analysis	6010B		5	170485	07/14/13 15:41	CDC	TAL EDI
TCLP	Leach	1311			170300	07/12/13 13:46	VMH	TAL EDI
TCLP	Prep	7470A			170585	07/15/13 11:01	PHP	TAL EDI
TCLP	Analysis	7470A		1	170656	07/15/13 14:38	PHP	TAL EDI
Soluble	Analysis	9040B		1	169414	07/13/13 11:31	YAH	TAL EDI
Soluble	Leach	DI Leach			170871	07/16/13 15:15	JMP	TAL EDI
Total/NA	Analysis	9095A		1	170059	07/11/13 10:00	IAA	TAL EDI
Total/NA	Analysis	9045C		1	170347	07/12/13 17:32	YAH	TAL EDI
Total/NA	Analysis	1030		1	170463	07/14/13 07:00	JAK	TAL EDI
Total/NA	Prep	7.3.4			170467	07/14/13 09:30	JAK	TAL EDI
Total/NA	Analysis	9034		1	170471	07/14/13 10:30	JAK	TAL EDI
Total/NA	Prep	7.3.3			170472	07/14/13 09:30	JAK	TAL EDI
Total/NA	Analysis	9014		1	170474	07/14/13 10:30	JAK	TAL EDI
Total/NA	Analysis	SM 2540G		1	170546	07/15/13 08:24	PLS	TAL EDI
ASTM Leach	Leach	D3987-85			170151	07/11/13 17:24	YAH	TAL EDI
ASTM Leach	Analysis	SM 2540B		1	170549	07/15/13 08:46	PLS	TAL EDI
ASTM Leach	Leach	D3987-85			170151	07/11/13 17:24	YAH	TAL EDI
ASTM Leach	Prep	SM 4500 NH3 B			170556	07/15/13 06:30	IAA	TAL EDI
ASTM Leach	Analysis	4500 NH3 H		1	170601	07/15/13 11:24	HTV	TAL EDI



Lab Chronicle

Client: RT Environmental Services, Inc.
Project/Site: Bast Property

TestAmerica Job ID: 460-59194-1

Client Sample ID: TP-1

Lab Sample ID: 460-59194-1

Date Collected: 07/09/13 11:03

Matrix: Solid

Date Received: 07/10/13 17:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	170645	07/15/13 15:05	CJA	TAL EDI
ASTM Leach	Leach	D3987-85			170151	07/11/13 17:24	YAH	TAL EDI
ASTM Leach	Analysis	410.4		1	171303	07/18/13 11:00	HTV	TAL EDI
ASTM Leach	Leach	D3987-85			130235	07/22/13 17:36	MDL	TAL BUF
ASTM Leach	Prep	1664A			130069	07/23/13 00:05	LAW	TAL BUF
ASTM Leach	Analysis	1664A		1	130074	07/23/13 00:51	LAW	TAL BUF
Total/NA	Analysis	1664A		1	284865	07/17/13 09:14	JDS	TAL SAV

Client Sample ID: TP-2

Lab Sample ID: 460-59194-2

Date Collected: 07/09/13 12:15

Matrix: Solid

Date Received: 07/10/13 17:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			170118	07/11/13 15:25	FHW	TAL EDI
TCLP	Analysis	8260B		10	170743	07/16/13 17:47	CJM	TAL EDI
Total/NA	Prep	5030B			94561	07/22/13 15:41	RRS	TAL NSH
Total/NA	Analysis	8260B		1	94403	07/22/13 19:56	KKK	TAL NSH
Total/NA	Prep	3541			170167	07/11/13 20:55		TAL EDI
Total/NA	Analysis	8270C		5	170912	07/16/13 19:16	MMC	TAL EDI
TCLP	Leach	1311			170300	07/12/13 13:46	VMH	TAL EDI
TCLP	Prep	3510C			170469	07/14/13 12:12	MBE	TAL EDI
TCLP	Analysis	8270C		1	171092	07/17/13 03:28	MMC	TAL EDI
Total/NA	Analysis	8082		1	170257	07/12/13 11:18	JHP	TAL EDI
Total/NA	Prep	3546			170200	07/12/13 03:45	ARA	TAL EDI
TCLP	Leach	1311			170300	07/12/13 13:46	VMH	TAL EDI
TCLP	Prep	3510C			170412	07/13/13 14:39	HAW	TAL EDI
TCLP	Analysis	8081A		1	170751	07/15/13 15:40	FAM	TAL EDI
TCLP	Leach	1311			170300	07/12/13 13:46	VMH	TAL EDI
TCLP	Prep	8151A			170427	07/13/13 18:22	JMS	TAL EDI
TCLP	Analysis	8151A		1	170828	07/16/13 19:18	SAK	TAL EDI
Total/NA	Prep	7471A			170247	07/12/13 09:52	PHP	TAL EDI
Total/NA	Analysis	7471A		1	170344	07/12/13 15:17	PHP	TAL EDI
Total/NA	Analysis	6010B		20	170348	07/12/13 18:49	CDC	TAL EDI
Total/NA	Prep	3050B			170217	07/12/13 07:23	MDC	TAL EDI
Total/NA	Analysis	6010B		4	170348	07/12/13 15:11	CDC	TAL EDI
TCLP	Leach	1311			170300	07/12/13 13:46	VMH	TAL EDI
TCLP	Prep	3010A			170422	07/13/13 16:20	EAE	TAL EDI
TCLP	Analysis	6010B		5	170485	07/14/13 15:44	CDC	TAL EDI
TCLP	Leach	1311			170300	07/12/13 13:46	VMH	TAL EDI
TCLP	Prep	7470A			170585	07/15/13 11:01	PHP	TAL EDI
TCLP	Analysis	7470A		1	170656	07/15/13 14:40	PHP	TAL EDI
Soluble	Analysis	9040B		1	169414	07/13/13 11:32	YAH	TAL EDI
Soluble	Leach	DI Leach			170871	07/16/13 15:15	JMP	TAL EDI

TestAmerica Edison



Lab Chronicle

Client: RT Environmental Services, Inc.
Project/Site: Bast Property

TestAmerica Job ID: 460-59194-1

Client Sample ID: TP-2

Lab Sample ID: 460-59194-2

Date Collected: 07/09/13 12:15

Matrix: Solid

Date Received: 07/10/13 17:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9095A		1	170059	07/11/13 10:00	IAA	TAL EDI
Total/NA	Analysis	9045C		1	170347	07/12/13 17:34	YAH	TAL EDI
Total/NA	Analysis	1030		1	170463	07/14/13 07:00	JAK	TAL EDI
Total/NA	Prep	7.3.4			170467	07/14/13 09:30	JAK	TAL EDI
Total/NA	Analysis	9034		1	170471	07/14/13 10:30	JAK	TAL EDI
Total/NA	Prep	7.3.3			170472	07/14/13 09:30	JAK	TAL EDI
Total/NA	Analysis	9014		1	170474	07/14/13 10:30	JAK	TAL EDI
Total/NA	Analysis	SM 2540G		1	170546	07/15/13 08:24	PLS	TAL EDI
ASTM Leach	Leach	D3987-85			170151	07/11/13 17:24	YAH	TAL EDI
ASTM Leach	Analysis	SM 2540B		1	170549	07/15/13 08:46	PLS	TAL EDI
ASTM Leach	Leach	D3987-85			170151	07/11/13 17:24	YAH	TAL EDI
ASTM Leach	Prep	SM 4500 NH3 B			170556	07/15/13 08:30	IAA	TAL EDI
ASTM Leach	Analysis	4500 NH3 H		1	170601	07/15/13 11:25	HTV	TAL EDI
Total/NA	Analysis	Moisture		1	170645	07/15/13 15:05	CJA	TAL EDI
ASTM Leach	Leach	D3987-85			170151	07/11/13 17:24	YAH	TAL EDI
ASTM Leach	Analysis	410.4		1	171303	07/18/13 11:00	HTV	TAL EDI
ASTM Leach	Leach	D3987-85			130235	07/22/13 17:36	MDL	TAL BUF
ASTM Leach	Prep	1664A			130069	07/23/13 00:05	LAW	TAL BUF
ASTM Leach	Analysis	1664A		1	130074	07/23/13 00:51	LAW	TAL BUF
Total/NA	Analysis	1664A		1	284865	07/17/13 09:14	JDS	TAL SAV

Client Sample ID: TP-5

Lab Sample ID: 460-59194-3

Date Collected: 07/09/13 13:46

Matrix: Solid

Date Received: 07/10/13 17:02

Percent Solids: 54.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			94561	07/22/13 15:41	RRS	TAL NSH
Total/NA	Analysis	8260B		1	94403	07/22/13 19:26	KKK	TAL NSH
Total/NA	Prep	3541			170167	07/11/13 20:55		TAL EDI
Total/NA	Analysis	8270C		1	170737	07/16/13 08:57	MMC	TAL EDI
Total/NA	Prep	7471A			170247	07/12/13 09:52	PHP	TAL EDI
Total/NA	Analysis	7471A		1	170344	07/12/13 15:20	PHP	TAL EDI
Total/NA	Prep	3050B			170217	07/12/13 07:23	MDC	TAL EDI
Total/NA	Analysis	6010B		30	170348	07/12/13 18:53	CDC	TAL EDI
Total/NA	Analysis	6010B		4	170348	07/12/13 15:15	CDC	TAL EDI
Total/NA	Analysis	Moisture		1	170645	07/15/13 15:05	CJA	TAL EDI

Client Sample ID: TP-4

Lab Sample ID: 460-59194-4

Date Collected: 07/10/13 08:47

Matrix: Solid

Date Received: 07/10/13 17:02

Percent Solids: 43.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			94561	07/22/13 15:41	RRS	TAL NSH

TestAmerica Edison

Lab Chronicle

Client: RT Environmental Services, Inc.
Project/Site: Bast Property

TestAmerica Job ID: 460-59194-1

Client Sample ID: TP-4

Lab Sample ID: 460-59194-4

Date Collected: 07/10/13 08:47

Matrix: Solid

Date Received: 07/10/13 17:02

Percent Solids: 43.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	94403	07/22/13 18:55	KKK	TAL NSH
Total/NA	Prep	3541			170167	07/11/13 20:55		TAL EDI
Total/NA	Analysis	8270C		1	170737	07/16/13 08:32	MMC	TAL EDI
Total/NA	Prep	7471A			170247	07/12/13 09:52	PHP	TAL EDI
Total/NA	Analysis	7471A		1	170344	07/12/13 15:22	PHP	TAL EDI
Total/NA	Prep	3050B			170217	07/12/13 07:23	MDC	TAL EDI
Total/NA	Analysis	6010B		20	170348	07/12/13 18:56	CDC	TAL EDI
Total/NA	Analysis	6010B		4	170348	07/12/13 15:19	CDC	TAL EDI
Total/NA	Analysis	Moisture		1	170645	07/15/13 15:05	CJA	TAL EDI

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

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

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858



Certification Summary

Client: RT Environmental Services, Inc.
Project/Site: Bast Property

TestAmerica Job ID: 460-59194-1

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	09-30-13
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

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13 *
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14
Georgia	State Program	4	956	03-31-14
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-15-15
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-13
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-13
New Hampshire	NELAP	1	2337	11-17-13
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	04-01-14
North Dakota	State Program	8	R-176	03-31-14
Oklahoma	State Program	6	9421	08-31-13 *
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-13 *
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-13 *
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-13
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13 *

Laboratory: TestAmerica Nashville

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

Authority	Program	EPA Region	Certification ID	Expiration Date
	ACIL		393	10-30-13

* Expired certification is currently pending renewal and is considered valid.

TestAmerica Edison



Certification Summary

Client: RT Environmental Services, Inc.
Project/Site: Bast Property

TestAmerica Job ID: 460-59194-1

Laboratory: TestAmerica Nashville (Continued)

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

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	ISO/IEC 17025		0453.07	12-31-13
Alaska (UST)	State Program	10	UST-087	07-24-14
Arizona	State Program	9	AZ0473	05-05-14
Arkansas DEQ	State Program	6	88-0737	04-25-14
California	NELAP	9	1168CA	10-31-13
Connecticut	State Program	1	PH-0220	12-31-13
Florida	NELAP	4	E87358	06-30-14
Illinois	NELAP	5	200010	12-09-13
Iowa	State Program	7	131	05-01-14
Kansas	NELAP	7	E-10229	10-31-13
Kentucky (UST)	State Program	4	19	06-30-14
Louisiana	NELAP	6	30613	06-30-14
Maryland	State Program	3	316	03-31-14
Massachusetts	State Program	1	M-TN032	06-30-14
Minnesota	NELAP	5	047-999-345	12-31-13
Mississippi	State Program	4	N/A	06-30-14
Montana (UST)	State Program	8	NA	01-01-15
Nevada	State Program	9	TN00032	07-31-13 *
New Hampshire	NELAP	1	2963	10-10-13
New Jersey	NELAP	2	TN965	06-30-14
New York	NELAP	2	11342	04-01-14
North Carolina DENR	State Program	4	387	12-31-13
North Dakota	State Program	8	R-146	06-30-14
Ohio VAP	State Program	5	CL0033	01-19-14
Oklahoma	State Program	6	9412	08-31-13
Oregon	NELAP	10	TN200001	04-29-14
Pennsylvania	NELAP	3	68-00585	06-30-14
Rhode Island	State Program	1	LAO00268	12-30-13
South Carolina	State Program	4	84009 (001)	02-28-14
South Carolina	State Program	4	84009 (002)	02-23-14
Tennessee	State Program	4	2008	02-23-14
Texas	NELAP	6	T104704077-09-TX	08-31-13
USDA	Federal		S-48469	11-02-13
Virginia	NELAP	3	460152	06-14-14
Washington	State Program	10	C789	07-19-14
West Virginia DEP	State Program	3	219	02-28-14
Wisconsin	State Program	5	998020430	08-31-13
Wyoming (UST)	A2LA	8	453.07	12-31-13

Laboratory: TestAmerica Savannah

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

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	DoD ELAP		399.01	07-31-13
A2LA	ISO/IEC 17025		399.01	02-28-15
Arkansas DEQ	State Program	6	88-0692	02-01-14 *
California	NELAP	9	3217CA	07-31-13
Colorado	State Program	8	N/A	12-31-13
Connecticut	State Program	1	PH-0161	03-31-15
Florida	NELAP	4	E87052	06-30-14

* Expired certification is currently pending renewal and is considered valid.

TestAmerica Edison



Certification Summary

Client: RT Environmental Services, Inc.
 Project/Site: Bast Property

TestAmerica Job ID: 460-59194-1

Laboratory: TestAmerica Savannah (Continued)

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

Authority	Program	EPA Region	Certification ID	Expiration Date
GA Dept. of Agriculture	State Program	4	N/A	12-31-13
Georgia	State Program	4	N/A	06-30-14
Hawaii	State Program	9	N/A	06-30-14
Illinois	NELAP	5	200022	11-30-13
Iowa	State Program	7	353	07-01-15
Kentucky	State Program	4	90084	12-31-13
Kentucky (UST)	State Program	4	18	06-30-14
Louisiana	NELAP	6	30690	06-30-14
Louisiana	NELAP	6	LA100015	12-31-13
Maine	State Program	1	GA00006	08-16-14
Maryland	State Program	3	250	12-31-13
Massachusetts	State Program	1	M-GA006	06-30-14
Mississippi	State Program	4	N/A	06-30-14
Montana	State Program	8	CERT0081	01-01-14
Nebraska	State Program	7	TestAmerica-Savannah	06-30-14
New Jersey	NELAP	2	GA769	06-30-14
New York	NELAP	2	10842	04-01-14
North Carolina DENR	State Program	4	269	12-31-13
North Carolina DHHS	State Program	4	13701	07-31-14
Oklahoma	State Program	6	9984	08-31-13
Pennsylvania	NELAP	3	68-00474	06-30-14
Puerto Rico	State Program	2	GA00006	01-01-14
Tennessee	State Program	4	TN02961	06-30-14
Texas	NELAP	6	T104704185-08-TX	11-30-13
USDA	Federal		SAV 3-04	04-07-14
Virginia	NELAP	3	460161	06-14-14
Washington	State Program	10	C1794	06-10-14
West Virginia	State Program	3	9950C	12-31-13
West Virginia DEP	State Program	3	94	09-30-13
Wisconsin	State Program	5	999819810	08-31-13



Method Summary

Client: RT Environmental Services, Inc.
Project/Site: Bast Property

TestAmerica Job ID: 460-59194-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL EDI
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NSH
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL EDI
8081A	Organochlorine Pesticides (GC)	SW846	TAL EDI
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL EDI
8151A	Herbicides (GC)	SW846	TAL EDI
6010B	Metals (ICP)	SW846	TAL EDI
7470A	Mercury (CVAA)	SW846	TAL EDI
7471A	Mercury (CVAA)	SW846	TAL EDI
1030	Ignitability of Solids	SW846	TAL EDI
1664A	HEM and SGT-HEM	1664A	TAL BUF
1664A	HEM and SGT-HEM	1664A	TAL SAV
410.4	COD	MCAWW	TAL EDI
4500 NH3 H	Ammonia	SM	TAL EDI
9014	Cyanide, Reactive	SW846	TAL EDI
9034	Sulfide, Reactive	SW846	TAL EDI
9040B	pH	SW846	TAL EDI
9045C	Corrosivity	SW846	TAL EDI
9095A	Paint Filter	SW846	TAL EDI
Moisture	Percent Moisture	EPA	TAL EDI
SM 2540B	Solids, Total	SM	TAL EDI
SM 2540G	Total, Fixed, and Volatile Solids	SM	TAL EDI

Protocol References:

1664A = EPA-821-98-002

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

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

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858



Sample Summary

Client: RT Environmental Services, Inc.
Project/Site: Bast Property

TestAmerica Job ID: 460-59194-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-59194-1	TP-1	Solid	07/09/13 11:03	07/10/13 17:02
460-59194-2	TP-2	Solid	07/09/13 12:15	07/10/13 17:02
460-59194-3	TP-5	Solid	07/09/13 13:46	07/10/13 17:02
460-59194-4	TP-4	Solid	07/10/13 08:47	07/10/13 17:02





TestAmerica

CHAIN OF CUSTODY

THE LEADER IN ENVIRONMENTAL TESTING



1006 W. Ninth Avenue
King of Prussia, PA 19406
(610) 337-9992
FAX (610) 337-9939

480-59194 Chain of Custody

Client: <u>RT Environmental Services</u>		Bill To: <u>Severe</u>		TAT: <u>STD</u>					
Address: <u>215 W. Grand</u>		Address: <u>1</u>		Received: <input checked="" type="checkbox"/> Ice <input type="checkbox"/> ambient					
Report to: <u>K&E</u>		State & Program: <u>PA</u>		Deliverable Package: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES					
E-mail: <u>test@rt.com</u>		Phone #: <u>(610) 337-9992</u>		Temp. Upon Receipt: <u>5.3</u>					
Project Name: <u>East Property</u>		Phone #: <u>(610) 337-9992</u>		DATE RESULTS NEEDED: <u>1 DAY</u>					
Project #/PO#: <u>70461-11-0</u>		Fax #: <u>(610) 337-9939</u>		Terms: Net 30 days					
Sampler: <u>Tony</u>		Fax #: <u>(610) 337-9939</u>		1 Year, 30-day coolant					
FIELD ID, LOCATION		DATE COLLECTED	TIME COLLECTED	SAMPLE MATRIX	# of Bottles Preservative Used	TOTAL # OF BOTTLES	SAMPLES FIELD FILTERED	ANALYSIS TYPE	LABORATORY ID NUMBER
1	TP-1	7/10/13	11:03	Sol/1	MeOH DI HCl HNO ₃ H ₂ SO ₄ NaOH NONE	3	<input type="checkbox"/> YES <input type="checkbox"/> NO		480-59194
2	TP-2	7/10/13	12:15	Sol/1		3	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
3	TP-3	7/10/13	1:44	Sol/1		3	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
4	TP-4	7/10/13	2:47	Sol/1		3	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
5									
6									
7									
8									
9									
10									

SHORT HOLD

RELINQUISHED: 7/10/13 DATE RECEIVED: 7/10/13 TIME: 11:03 AM
 RELINQUISHED: 7/10/13 DATE RECEIVED: 7/10/13 TIME: 11:03 AM
 COMMENTS: PA Figure for TP-1 and TP-2 do not exist.
 PA Figure for TP-3 and TP-4 do exist.

PA Figure for TP-1 and TP-2 do not exist.
 PA Figure for TP-3 and TP-4 do exist.

Login Sample Receipt Checklist

Client: RT Environmental Services, Inc.

Job Number: 460-59194-1

Login Number: 59194

List Source: TestAmerica Edison

List Number: 1

Creator: Visconti, Caitlyn A

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	
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	
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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: RT Environmental Services, Inc.

Job Number: 460-59194-1

Login Number: 59194

List Number: 1

Creator: Robison, Zachary J

List Source: TestAmerica Buffalo

List Creation: 07/18/13 05:59 PM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	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	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	



Login Sample Receipt Checklist

Client: RT Environmental Services, Inc.

Job Number: 460-59194-1

Login Number: 59194
List Number: 1
Creator: Buckingham, Paul

List Source: TestAmerica Nashville
List Creation: 07/11/13 02:16 PM

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
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	
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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: RT Environmental Services, Inc.

Job Number: 460-59194-1

Login Number: 59194
List Number: 1
Creator: Conner, Keaton

List Source: TestAmerica Savannah
List Creation: 07/13/13 10:40 AM

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

