

**DATA USABILITY SUMMARY REPORT – DUSR
DATA VALIDATION SUMMARY**

ORGANIC/INORGANIC ANALYSES

**VOLATILES BY GC/MS and TCLP VOLATILES
SEMIVOLATILES BY GC/MS
PESTICIDES BY GC
PCBs BY GC
HERBICIDES BY GC
METALS BY ICP/CV
CYANIDE/HEXAVALENT CHROMIUM/TRIVALENT CHROMIUM
BY CLASSICAL WET CHEMISTRY TECHNIQUES**

**For Soil Samples Collected November 25, 2014, June 04, 2014, June 09, 2014,
June 10, 2014, July 23, 2014 and August 05, 2014.**

**From Crestwood
300-308 Columbus Avenue
Tuckahoe, New York
Collected by AKRF, Inc.
Project # 40405**

**SAMPLE DELIVERY GROUP NUMBERS:
200-25628, 460-77244, 460-77467, 460-79914 and 460-80592
BY TESTAMERICA EDISON - NJ (ELAP #11452)
and TESTAMERICA BURLINGTON (ELAP #10391)**

SUBMITTED TO:

**Mr. Bryan Zieroff
AKRF, Inc.
34 South Broadway
Suite 314
White Plains, NY 10601**

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PREPARED BY:

Lori A. Beyer
**Lori A. Beyer/President
L.A.B. Validation Corp.
14 West Point Drive
East Northport, NY 11731**

Crestwood; 300-308 Columbus Avenue, Tuckahoe, New York – Data Usability Summary Report
(Data Validation): 2014 Sampling Events; NYCRR Part 375 [Table 6.8 (b)] - Soil Analysis for
Volatiles, TCLP Volatiles, Semivolatiles, Pesticides, PCBs, Herbicides, Metals, Cyanide, Hexavalent
Chromium and Trivalent Chromium.

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Introduction:

A validation was performed on soil samples and the associated quality control samples (MS/MSD and Trip Blanks) for organic/inorganic analysis for samples collected under chain of custody documentation by AKRF, Inc. and submitted to TestAmerica Edison for subsequent analysis. This report contains the laboratory and validation results for the field samples itemized on the following pages. Analysis was performed in accordance with requested tests per the chain of custody documents. Volatile analysis of EX 4-1 (10'), EX 4-2 (10') and EX 4-3 (6') was performed at TestAmerica Burlington. The balance of all 2014 testing was conducted at TestAmerica Edison.

The samples were analyzed by TestAmerica, utilizing SW846 Methods and submitted under NYSDEC ASP Category B equivalent deliverable requirements for the associated analytical methodologies employed. The analytical testing for soil samples consisted of Volatile Organics, Semivolatile Organics, Pesticides, PCBs, Herbicides, Metals, Cyanide, Hexavalent Chromium and Trivalent Chromium for NYCRR Part 375 [Table 6.8(b)] analyte list. Additionally, sample ST1-1C was analyzed for TCLP Volatiles.

The data was evaluated in accordance with EPA Region II National Functional Guidelines for Organic and Inorganic Data Review and EPA Region II SOPs for 8260, 8270, 8081, 8082, 8151 and Metals and also in conjunction with the analytical methodologies for which the samples were analyzed, where applicable and relevant.

SAMPLE SUMMARY

Client: AKRF Inc

Job Number: 200-25628-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
200-25628-1	EX 4-1 (10')	Solid	11/25/2014 1400	11/26/2014 1020
200-25628-2	EX 4-2 (10')	Solid	11/25/2014 1405	11/26/2014 1020
200-25628-3	EX 4-3 (6')	Solid	11/25/2014 1410	11/26/2014 1020

SAMPLE SUMMARY

Client: AKRF Inc

Job Number: 460-77244-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-77244-1TB	TB	Water	06/04/2014 0000	06/05/2014 0930
460-77244-2	UST1-SW1 (5-6)	Solid	06/04/2014 0935	06/05/2014 0930
460-77244-3	UST1-SW2 (5-6)	Solid	06/04/2014 0920	06/05/2014 0930
460-77244-4	UST1-SW3 (5-6)	Solid	06/04/2014 0925	06/05/2014 0930
460-77244-5	UST1-SW4 (5-6)	Solid	06/04/2014 0930	06/05/2014 0930
460-77244-6	UST1-B1 (7)	Solid	06/04/2014 0915	06/05/2014 0930
460-77244-7	HL1-SW1 (6-7)	Solid	06/04/2014 1055	06/05/2014 0930
460-77244-8	HL1-SW2 (6-7)	Solid	06/04/2014 1100	06/05/2014 0930
460-77244-9	HL1-SW3 (6-7)	Solid	06/04/2014 1105	06/05/2014 0930
460-77244-10	HL1-SW4 (6-7)	Solid	06/04/2014 1110	06/05/2014 0930
460-77244-10MSS	HL1-SW4 (6-7)	Solid	06/04/2014 1110	06/05/2014 0930
460-77244-10MS	HL1-SW4 (6-7)	Solid	06/04/2014 1110	06/05/2014 0930
460-77244-10MSD	HL1-SW4 (6-7)	Solid	06/04/2014 1110	06/05/2014 0930
460-77244-10DU	HL1-SW4 (6-7)	Solid	06/04/2014 1110	06/05/2014 0930
460-77244-11	HL1-B1 (8)	Solid	06/04/2014 1050	06/05/2014 0930
460-77244-12	EX1-SW1 (6-7)	Solid	06/04/2014 1410	06/05/2014 0930
460-77244-13	EX1-SW2 (6-7)	Solid	06/04/2014 1415	06/05/2014 0930
460-77244-14	EX1-SW3 (6-7)	Solid	06/04/2014 1420	06/05/2014 0930
460-77251-1	EX1-SW4(6-7)	Solid	06/04/2014 1425	06/05/2014 0930
460-77251-2	EX1-B1(8)	Solid	06/04/2014 1430	06/05/2014 0930
460-77251-3	EX1-A(8)	Solid	06/04/2014 1435	06/05/2014 0930
460-77251-4	ST1-1A	Solid	06/04/2014 1440	06/05/2014 0930
460-77251-5	ST1-1B	Solid	06/04/2014 1445	06/05/2014 0930
460-77251-6	ST1-1C	Solid	06/04/2014 1450	06/05/2014 0930
460-77251-7	ST2-1	Solid	06/04/2014 1540	06/05/2014 0930

SAMPLE SUMMARY

Client: AKRF Inc

Job Number: 460-77467-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-77467-1	EX2-B1 (6)	Solid	06/09/2014 1400	06/10/2014 0740
460-77467-2	EX2-B2 (6)	Solid	06/09/2014 1415	06/10/2014 0740
460-77467-3	HL2-SW1 (4-5)	Solid	06/09/2014 1505	06/10/2014 0740
460-77467-4	HL2-SW2 (4-5)	Solid	06/09/2014 1510	06/10/2014 0740
460-77467-5	HL2-SW3 (4-5)	Solid	06/09/2014 1515	06/10/2014 0740
460-77467-6	HL2-SW4 (4-5)	Solid	06/09/2014 1520	06/10/2014 0740
460-77467-7	HL2-B1 (6)	Solid	06/09/2014 1525	06/10/2014 0740
460-77553-1	EX3-SW1 (13-14)	Solid	06/10/2014 1350	06/11/2014 0930
460-77553-2	EX3-SW2 (13-14)	Solid	06/10/2014 1355	06/11/2014 0930
460-77553-3	EX3-SW3 (13-14)	Solid	06/10/2014 1400	06/11/2014 0930
460-77553-4	EX3-SW4 (13-14)	Solid	06/10/2014 1405	06/11/2014 0930
460-77553-5	EX3-B1 (15)	Solid	06/10/2014 1410	06/11/2014 0930
460-77553-6	EX3-B2 (8)	Solid	06/10/2014 1415	06/11/2014 0930

SAMPLE SUMMARY

Client: AKRF Inc

Job Number: 460-79914-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-79914-1	EG-1-2	Solid	07/23/2014 0835	07/24/2014 0915

SAMPLE SUMMARY

Client: AKRF Inc

Job Number: 460-80592-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-80592-1	EG-4-2	Solid	08/05/2014 1045	08/06/2014 0900

Data Qualifier Definitions:

The following definitions provide brief explanations of the qualifiers assigned to results in the data review process.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ - The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R - The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

N - The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."

NJ - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate quantity.

J+ - The result is an estimated quantity, but the result may be biased high.

J- - The result is an estimated quantity, but the result may be biased low.

D - Analyte concentration is from diluted analysis.

Sample Receipt:

The Chain of Custody documents indicates that the samples were received at TestAmerica Laboratories via Federal Express upon completion of each day's sampling. Sample login notes were generated. The cooler temperature for all sample receipts were recorded upon receipt at TestAmerica and determined to be acceptable (<6.0 degrees C) for all shipments. The actual temperature is recorded on the chain of custody documents, sample receipt checklists in addition to the case narratives provided in Appendix B of this report.

No unresolved problems and/or discrepancies were noted, consequently, the integrity of the samples has been assumed to be good. Any sample discrepancies and/or questions that were noted upon receipt by the laboratory were resolved as indicated in the narrative discussions of the lab reports. None of the discrepant items resulted in any qualified data. Soil samples for Volatile analysis were collected by Method 5035A in Encore devices. All analyses were conducted via low level procedures.

The data summary Form I's included in Appendix C includes all usable (qualified) and unusable (rejected) results for the samples identified above. The Form I's summarize the detailed narrative section of the report.

NOTE:

L.A.B. Validation Corp. believes it is appropriate to note that the data validation criteria utilized for data evaluation is different than the method requirements utilized by the laboratory. Qualified data does not necessarily mean that the laboratory was non-compliant in the analysis that was performed.

1.0 Volatile Organics by GC/MS SW846 Method 8260C

The following method criteria were reviewed: holding times, SMCs, MS, MSD, LCS, Laboratory Spiked Blanks, Method Blanks, Tunes, Calibrations, Internal Standards, Target Component Identification, Quantitation, Reported Quantitation Limits and Overall System Performance. The Volatile results were considered to be valid and useable as noted within the following text:

1.1 Holding Time

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J". The non-detects (sample quantitation limits) are required to be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded.

Samples pertaining to these SDGs were performed within the Method required holding times as well as the technical holding times for data validation of 14 days from collection to analysis. Soil samples were collected in encores (3/location) in accordance with SW846 Method 5035A and prepared for analysis within 48 hours of collection. The Trip Blank sample was preserved with HCL. No data validation qualifiers were required based upon holding time.

TCLP Volatile analysis of ST1-1C was leached by SW846 Method 1311 utilizing a zero headspace extractor within 7 days of collection. The leachate analysis was conducted also within holding time.

1.2 System Monitoring Compound (Surrogate) Recovery

All samples are spiked with surrogate compounds prior to sample analysis to evaluate overall laboratory performance and efficiency of the analytical technique. If the measure of surrogate concentrations is outside contract specification, qualifications are required to be applied to associated samples and analytes.

Surrogate recoveries (%R) for Dibromofluoromethane, 1,2-Dichloroethane-d4, Toluene-d8 and 4-Bromofluorobenzene were found to be within acceptable limits for surrogate compounds for all analyses pertaining to these SDGs.

1.3 Matrix Spikes (MS)/ Matrix Spike Duplicates (MSD)

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data.

MS/MSD analyses were conducted for each analytical sequence and were spiked with all components as required by the analytical procedure.

HL1-SW4 (6-7) was selected by AKRF field personnel for MS/MSD analysis. Several analytes fell below in house established ranges in the MS and/or MSD. Recoveries range from 64-77% which is considered reasonable per the methodology. The chromatograms do not demonstrate any visible interferences and it is in the opinion of the data validator that the low recovery values are most likely due to analyst imprecision when adding the spike mixture to the sample. Since acceptable LCS recoveries were observed no qualifications to the data were made. RPD for Vinyl Chloride fell slightly outside limits.

The National Functional Guidelines and EPA Region 2 SOPs state that “No qualifications to the data is necessary based on MS data alone.”

No qualifications to the data were required based on professional judgment for batch (non-site specific) MS/MSD analysis.

1.4 Laboratory Control Sample/Blank Spikes

The LCS data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance.

LCS/Blank Spikes or LCS/LCS Duplicates were analyzed for each sequence. Recovery values were acceptable for all spiked analytes.

1.5 Blank Contamination

Quality assurance (QA) blanks; i.e. method, trip and field blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field blanks measure cross-contamination of samples during field operations.

The following table was utilized to qualify target analyte results due to contamination. The largest value from all the associated blanks is required to be utilized:

Blank Type	Blank Result	Sample Result	Action for Samples
Method, Storage, field, Trip, Instrument	Detects	Not Detected	No qualification required
	<CRQL*	<CRQL*	Report CRQL value with a U
		>= CRQL* and <2x the CRQL**	No qualification required
	>CRQL*	<= CRQL*	Report CRQL value with a U
		>=CRQL* and <= blank concentration	Report blank value for sample concentration with a U
		>= CRQL* and > blank concentration	No qualification required
	=CRQL*	<= CRQL*	Report CRQL value with a U
		>CRQL*	No qualification required
	Gross Contamination**	Detects	Report blank value for sample concentration with a U

*2x the CRQL for methylene chloride, 2-butanone and acetone.

**4x the CRQL for methylene chloride, 2-butanone, and acetone

***Qualifications based on instrument blank results affect only the sample analyzed immediately after the sample that has target compounds that exceed the calibration range or non-target compounds that exceed 100 ug/L.

Below is a summary of the compounds in the sample and the associated qualifications that have been applied:

A) Method Blank Contamination:

The method blank associated with EX 4-1 (10'), EX 4-2 (10') and EX 4-3 (6') analyzed at TestAmerica Burlington was determined to contain acceptable levels of Methylene Chloride (0.703 ug/kg) and 1,2-Dichlorobenzene (0.144 ug/kg). Sample results were evaluated based on the above criteria and the laboratory reported concentrations of Methylene Chloride in these three (3) samples were negated due to laboratory contamination. No qualifications are required for 1,2-Dichlorobenzene since this compound was not found in any of the associated field samples.

Acetone and/or Methylene Chloride were detected in the method blanks associated with June 04, 2014 sampling. In cases where these analytes were detected in the field samples, results were negated and evaluated based on the above criteria. Methylene Chloride detections were negated in EX1-B1 (8), EX1-A (8), ST1-1A, ST1-1B and ST2-1 due to laboratory contamination.

Acetone was detected at 360 ug/kg in ST 2-1. This analyte could not be negated during the review process and must be considered "real."

Acetone was detected in the method blanks associated with EX2-B1 (6), EX2-B2 (6), HL2-SW1 (4-5), HL2-SW2 (4-5), HL2-SW3 (4-5), HL2-SW4 (4-5), HL2-B1 (6), EX3-SW1 (13-14), EX3-SW2 (13-14), EX3-SW3 (13-14), EX3-SW4 (13-14), Ex3-B1 (15) and EX3-B2 (8). Laboratory reported concentrations were negated.

Additionally, Methylene Chloride was detected at 0.181 ug/kg in the blank associated with EX3-SW1 (13-14), EX3-SW2 (13-14), EX3-SW3 (13-14), EX3-SW4 (13-14), Ex3-B1 (15) and EX3-B2, however, this compound was not detected in any of these field samples and therefore no qualifications were required based on low level Methylene Chloride contamination.

The laboratory reported concentration of Methylene Chloride in EX2-B2 (6) of 0.19 ug/kg, HL2-SW1 (4-5) of 0.60 ug/kg and HL2-B1 (6) of 0.79 ug/kg could not be negated, however, the end user should consider these hits as "suspect" and has been qualified, "J."

Acetone was detected in the method blank associated with EG-4-2. This common lab contaminant was not detected in the field sample and therefore no qualifications are required.

B) Field Blank Contamination:

Field Blanks were not submitted.

C) Trip Blank Contamination:

The Trip Blank was found to contain 1.3 ug/L of Chloroform. This target analyte was not detected in any of the associated field samples and therefore no qualifications to the data are required.

1.6 GC/MS Instrument Performance Check

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The Tuning standard for volatile organics is Bromofluorobenzene (BFB).

Instrument performance was generated within acceptable limits and frequency for Bromofluorobenzene (BFB) for all analyses conducted for these SDGs.

1.7 Initial and Continuing Calibrations

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence.

The continuing calibration checks document that the instrument is giving satisfactory daily performance. Initial calibration verifications were acceptable.

A) Response Factor GC/MS:

The response factor measures the instrument's response to specific chemical compounds. The response factor for all compounds must be ≥ 0.05 in both initial and continuing calibrations. A value < 0.05 indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J". All non-detects for that compound in the corresponding samples will be rejected, "R". Method 8260C allows for a minimum response factor of 0.1 for Acetone, 2-Butanone, 2-Hexanone and 4-Methyl-2-Pentanone.

All the response factors for the target analytes reported were found to be within acceptable limits (≥ 0.05) and minimum response criteria in Table 4 of Method 8260C, for the initial and continuing calibrations for all reported analytes.

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentrations. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be $< 20\%$ and %D must be $< 20\%$. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects are flagged "UJ". If %RSD and %D grossly exceed QC criteria, non-detect data may be qualified, "R", unusable. Additionally, in cases

where the %RSD is >20% and eliminating either the high or the low point of the curve does not restore the %RSD to less than or equal to 20% then positive results are qualified, "J". In cases where removal of either the low or high point restores the linearity, then only low or high level results will be qualified, "J" in the portion of the curve where non linearity exists. Closing CCV must meet 30% criteria.

Initial Calibrations: The initial calibrations provided and the %RSD were within acceptable limits (20%) for all reported compounds with the following exceptions:

Continuing Calibrations: The continuing calibrations provided and the %D was within acceptable limits (20%) for all reported compounds with the following exceptions:

SDG 200-25628:

ICAL 11/26/14 – Vinyl Chloride; "UJ", non-detects in EX 4-1 (10'), EX 4-2 (10') and EX 4-3 (6').

SDG 460-79914:

CCAL 7/29/14 – 2-Butanone' "UJ", non-detects in EG-1-2.

1.8 Internal Standards

Internal Standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than a factor of 2 (-50% to +100%) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than +/- 30 seconds from the associated continuing calibration standard. If the area count is outside the (-50% to +100%) range of the associated standard, all of the positive results for compounds quantitated using that IS are qualified as estimated, "J", and all non-detects as "UJ", or "R" if there is a severe loss of sensitivity.

If an internal standard retention time varies by more than 30 seconds, professional judgment will be used to determine either partial or total rejection of the data for that sample fraction.

All samples were spiked with the internal standards 1,4-Dioxane-d8, Chlorobenzene-d5, 4-Dichlorobenzene-d4, TBA-d9, 2-Butanone-d5 and Fluorobenzene prior to sample analysis. The area responses and retention time of each internal standard met QC criteria in all samples associated with these SDGs with the exception of 1,4-Dichlorobenzene-d4 which recovered below acceptance limits in ST2-1 due to matrix interference (evidenced by the sample chromatogram). Late eluting analytes must be considered estimated, "J/UJ." Reanalysis was not performed by the laboratory.

1.9 Field Duplicates

Field duplicate samples are collected and analyzed as an indication of overall precision. These results are expected to have more variability than laboratory duplicate samples. Soil samples are also expected to have a greater variance due to the difficulties associated with collecting exact duplicate soil samples.

Generally for soil samples an acceptable RPD is 50%. Field Duplicates were not collected for any of the soil samples.

1.10 Target Compound List Identification

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within ± 0.06 RRT units of the standard compound and have an ion spectra which has a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound.

GC/MS spectra met the qualitative criteria for identification. All retention times were within required specifications.

1.11 Compound Quantification and Reported Detection Limits

GC/MS quantitative analysis is considered to be acceptable. Correct internal standards per SW846, response factors and percent moisture were used to calculate final concentrations.

As required, the laboratory reported "J" values between the reporting limits (RL) and Method Detection Limits (MDLs). This is consistent with common laboratory practices and a requirement of the National Environmental Laboratory Approval Program (NELAP).

Soil samples were all analyzed undiluted by low level procedures.

1.12 Overall System Performance

Good resolution and chromatographic performance were observed.

Tentatively Identified Compounds (TICs) were not generated and therefore not evaluated. ST2-1 sample chromatogram demonstrated non-target analyte presence.

2.0 Semivolatile Organics by GC/MS SW846 Method 8270D

The following method criteria were reviewed: holding times, Surrogates, MS, MSD, LCS, Blanks, Tunes, Calibrations, Internal Standards, Target Component Identification, Quantitation, Reported Quantitation Limits and overall system performance. The Semivolatile results were considered to be valid and usable as noted within the following text:

2.1 Holding Time

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J". The non-detects (sample quantitation limits) are required to be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded.

All samples were extracted and analyzed within the method required holding times and the technical holding times (14 days from collection to extraction and 40 days from extraction to analysis for soil samples) for analysis required for data validation.

2.2 Surrogate Recovery

All samples are spiked with surrogate compounds prior to sample preparation/extraction to evaluate overall laboratory performance and efficiency of the analytical technique. Additionally, the sample itself may produce effects due to such factors as interferences and high concentrations of analytes. Since the effects of the sample matrix are frequently outside the control of the laboratory and may present relatively unique problems, the evaluation of the data is dependent upon reextraction and/or reanalysis to confirm/negate laboratory error or matrix related problems. Discussion of surrogate recoveries that fell outside (above/below) QC guidelines is itemized below:

Samples were spiked with six (6) surrogate standards at the sample extraction portion of analysis. Acceptable recoveries were observed with exceptions noted below:

Method allows for one (1) base neutral and one (1) acid recovery to be outside acceptance limits without requiring reextraction/reanalysis. The laboratory is compliant with testing, however, 2-Fluorobiphenyl or Terphenyl-d14 recovered above limits in HL1-SW1 (6-7), HL1-SW2 (6-7), HL1-SW3 (6-7), HL1-B1 (8), EX1-SW1 (6-7), EX1-SW2 (5-6) and EX1-A (8). Base neutral detections have been qualified, "J+" biased high for these samples.

2,4,6-Tribromophenol recovered low at 16% in HL2-SW4 (4-5). Non-detects for 2-Methylphenol, 3+4-Methylphenol, Pentachlorophenol and Phenol have been qualified, "UJ" in HL2-SW4 (4-5).

2.3 Matrix Spikes (MS)/Matrix Spike Duplicates (MSD)

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices.

HL1-SW4 (6-7) was selected by AKRF for MS/MSD analysis. The majority of PAH recoveries fell outside acceptance limits in both the MS and MSD due to high sample concentration relative to spike amount. No qualifications to the data were made based on professional judgment.

Batch soil MS/MSD analysis was also submitted. Based on professional judgment, no qualifications to the data were made based on non-site specific MS/MSD.

The National Functional Guidelines provide and allow for flexibility when qualifying the parent sample based on MS/MSD data.

2.4 Laboratory Control Sample

The LCS data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance.

LCS/Blank Spikes were analyzed for each analytical extraction batch. Recovery values were acceptable for all spiked analytes with the exception of Benzo (a) Pyrene (95%) and Benzo (b) Fluoranthene (101%). Since LCS is spiked with all analytes of interest and the large number of analytes, the method allows for several analytes being outside acceptance ranges in order for analysis to proceed. Recovery values were reasonable per the methodology and based on professional judgment, no qualifications to the data were made for these compounds.

2.5 Method Blanks

Quality assurance (QA) blanks; i.e. method, trip and field blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Field blanks measure cross-contamination of samples during field operations.

The following table was utilized to qualify target analyte results due to contamination. The largest value from all the associated blanks is required to be utilized:

For:	Flag Sample Result with a "U" when:	Report CRQL & Qualify "U" when:	No Qualification is Needed when:
Phthalates (common laboratory contaminants)	Sample Conc. is >CRQL, but <=5x blank value	Sample Conc. Is <CRQL and <=5x blank value	Sample Conc. is >CRQL and >5x blank value
Other Contaminants	Sample Conc. is >CRQL, but <=1x blank value	Sample Conc. Is <CRQL and <=1x blank value	Sample Conc. is >CRQL and >1x blank value

Below is a summary of the compounds in the sample and the associated qualification that have been applied:

A) Method Blank Contamination:

Target analytes were not detected in the method blanks associated with sample analysis.

B) Field Blank Contamination:

Field Blank samples were not collected.

2.6 GC/MS Instrument Performance Check

Tuning and performance criteria are established to ensure adequate mass resolution proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The Tuning standard for semivolatile organics is decafluorotriphenylphosphine (DFTPP).

Instrument performance was generated within acceptable limits and frequency (12 hours) for decafluorotriphenylphosphine (DFTPP) for all analyses.

2.7 Initial and Continuing Calibrations

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

A) Response Factor GC/MS:

The response factor measures the instrument's response to specific chemical compounds. The response factor for all compounds must be ≥ 0.05 in both initial and continuing calibrations. A value < 0.05 indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J". All non-detects for that compound in the corresponding samples will be rejected, "R".

All the response factors for the target analytes reported were found to be within acceptable limits (≥ 0.05), for the initial (average RRF) and continuing calibrations.

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentrations. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be <20% and %D must be <20%. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects are flagged "UJ". If %RSD and %D grossly exceed QC criteria, non-detect data may be qualified, "R", unusable. Additionally, in cases where the %RSD is >30% and eliminating either the high or the low point of the curve does not restore the %RSD to less than or equal to 20% then positive results are qualified, "J". In cases where removal of either the low or high point restores the linearity, then only low or high level results will be qualified, "J" in the portion of the curve where non linearity exists. Due to the large number of analytes in this method, it is expected for some analytes to fall outside acceptance criteria and the calibration is still considered valid.

Acceptable Initial Calibration Verifications were performed.

Initial Calibrations: The initial calibrations provided and the %RSD were within acceptable limits (20%) for all reported compounds.

Continuing Calibrations: The continuing calibrations provided and the %D was within acceptable limits (20%) for all reported compounds with the following exceptions:

SDG 200-25628:

CCAL 12/02/14 – Acenaphthene and 3+4 Methylphenol; "UJ" non-detects in EX 4-1 (10'), EX 4-2 (10') and EX 4-3 (6').

SDG 460-77244:

CCAL 6/08/14 – 3+4 Methylphenol; "UJ" non-detects in ST2-1

CCAL 6/10/14 – 3+4 Methylphenol; "UJ" non-detects in ST1-1C

CCAL 6/11/14 – Indeno (1,2,3-cd) pyrene "J" detection in HL1-SW4 (6-7)

SDG 460-77467:

CCAL 6/13/14 - Indeno (1,2,3-cd) pyrene "J/UJ" in Ex2-B1 (6), EX2-B2 (6), HL2-SW1 (40-5), HL2-SW2 (4-5), HL2-SW3 (4-5), HL2-SW4 (4-5) and HL2-B1.

SDG 460-79914:

CCAL 7/26/14 – Benzo (b) Fluoranthene; "UJ" non-detect in EG-1-2.

2.8 Internal Standards

Internal Standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than a factor of 2 (-50% to +100%) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than +/- 30 seconds from the associated continuing calibration standard. If the area count is outside the (-50% to +100%) range of the associated standard, all of the positive results for compounds quantitated using that IS are qualified as estimated, "J", and all non-detects as "UJ", or "R" if there is a severe loss of sensitivity.

If an internal standard retention time varies by more than 30 seconds, professional judgment will be used to determine either partial or total rejection of the data for that sample fraction.

All area responses and retention times fell within established QC ranges for sample analysis.

2.9 Field Duplicates

Field duplicate samples are collected and analyzed as an indication of overall precision. These results are expected to have more variability than laboratory duplicate samples. Soil samples are also expected to have a greater variance due to the difficulties associated with collecting exact duplicate soil samples. Generally for soil samples an acceptable RPD is 50%. Field duplicate analysis was not collected.

2.10 Target Compound List Identification

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within ± 0.06 RRT units of the standard compound and have an ion spectra which has a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound.

Mass spectra meet criteria for all detected analytes.

Tentatively Identified Compounds (TICs) were not provided by the laboratory and therefore not evaluated.

2.11 Compound Quantification and Reported Detection Limits

GC/MS quantitative analysis is considered to be acceptable. Correct internal standards, response factors and percent moisture were used to calculate final concentrations.

As required, the laboratory reported "J" values between the reporting limits (RL) and Method Detection Limits (MDLs). This is consistent with common laboratory practices and a requirement of the National Environmental Laboratory Approval Program (NELAP). Samples were analyzed undiluted. Samples were extracted by Method 3541 (Soxhlet).

ST2-1 was analyzed at 1:10 dilution due to complicated matrix and non target presence. Low target analyte detection was obtained, however, the sample chromatograms demonstrate significant petroleum contamination in this sample most likely indicative of weathered petroleum contamination.

HL2-SW3 (4-5) was analyzed at a 1:2 dilution. No target analytes were detected; however, review of the raw data indicates significant non target hydrocarbon presence.

2.12 Overall System Performance

Acceptable system performance was maintained throughout the analysis.

3.0 Pesticides by GC SW846 Method 8081B, PCBs by SW846 Method 8082A and Herbicides by SW846 Method 8151A

The following method criteria were reviewed: holding times, Surrogates, MS, MSD, LCS, Blanks, Analytical Sequences, Calibrations, Target Component Identification, Quantitation, Reported Quantitation Limits and overall system performance. The Pesticide, PCB and Herbicide results are considered to be valid and usable as noted within the following text:

3.1 Holding Time

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J". The non-detects (sample quantitation limits) are required to be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded.

Samples were extracted and analyzed within the method required holding times and the technical holding times required for data validation (14 days for soil) for extraction. All extracts were analyzed within forty (40) days in accordance with the analytical method requirements.

3.2 Surrogate Recovery

All samples are spiked with surrogate compounds prior to sample preparation/extraction to evaluate overall laboratory performance and efficiency of the analytical technique. Additionally, the sample itself may produce effects due to such factors as interferences and high concentrations of analytes. Since the effects of the sample matrix are frequently outside the control of the laboratory and may present relatively unique problems, the evaluation of the data is dependent upon reextraction and/or reanalysis to confirm/negate laboratory error or matrix related problems. No qualifications were applied if one of the spiked surrogates is above acceptance limits on one of the two columns. Discussion of surrogate recoveries that fell outside (above/below) QC guidelines is itemized below:

Pesticides:

Acceptable surrogate recovery values for TCMX and DCB were observed with the exception of EX 4-1 (10') MSD where TCMX and DCB recovered above in house established ranges for both primary and secondary column analysis. Since acceptable surrogate recoveries were

obtained in the MS and the parent sample based on professional judgment, no qualifications to the data were made to EX 4-1 (10'). Additionally, no target Pesticides were detected in EX 4-1 (10') parent and therefore high surrogate recovery does not support any potential loss of detection.

PCBs:

Acceptable surrogate recovery values for TCMX and DCB were observed for all analyses with the exceptions noted below:

Herbicides:

Acceptable surrogate recovery values for 2,4-Dichlorophenylacetic Acid were observed with the exceptions noted below:

SDG 200-25628:

DCPA recovered high in EX 4-1 (10'), the method blank and EX 4-1 (10') MS and EX 4-1 (10') MSD due to potential interfering peak. Since no target compounds (Silvex) was detected in any of the samples, high recovery does not support any potential loss of detection. No qualifiers are required based on these outliers.

SDG 460-77244:

DCPA recovered high in UST1-SW1 (5-6), UST-B1 (7), HL1-SW1 (6-7), HL1-SW2 (6-7), HL1-SW3 (6-7), HL1-SW4 (6-7), EX1-SW2 (6-7), EX1-SW3 (6-7), EX1-SW4 (6-7), EX1-B1 (6-7), EX1-A (8) and ST2-1 due to potential interfering peak. Since no target compounds (Silvex) was detected in any of the samples, high recovery does not support any potential loss of detection. No qualifiers are required based on these outliers.

SDG 460-77467:

DCPA recovered high in EX3-SW2 (13-14), EX3-SW2 (13-14), EX3-SW3 (13-14), EX3-SW4 (13-14), EX3-B1 (15) and EX3-B2 (8) due to potential interfering peak. Since no target compounds (Silvex) was detected in any of the samples, high recovery does not support any potential loss of detection. No qualifiers are required based on these outliers.

SDG 460-79914:

DCPA recovered high in EG-1-2. No qualifications are required since analyte was not detected in the sample.

3.3 Matrix Spikes (MS)/Matrix Spike Duplicates (MSD)

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices.

The National Functional Guidelines indicate that MS/MSD data alone shall not be utilized to qualify sample data. MS/MSD was submitted with each batch. Data was not qualified for non-site specific QC based on professional judgment.

Pesticides/PCBs/Herbicides:

Pesticide MS/MSD analysis was selected by the laboratory on EX 4-1 (10'). Endrin Aldehyde recovered low but >10% in both the MS and MSD on both columns. Non-detects for this analyte in the parent sample have been qualified "UJ."

PCB MS/MSD analysis was selected by the laboratory on EX 4-3 (6'). Acceptable recovery and RPD were obtained.

Herbicide MS/MSD was performed on EX 4-1 (10'). Acceptable recovery values and RPD were obtained for Silvex.

Pesticide/PCB and Herbicide MS/MSD analysis was also designated by AKRF on HL1-SW4 (6-7). Acceptable recovery and RPD were obtained for all spiked analytes.

Herbicide MS/MSD was performed on EX2-B1 (6) and EX3-SW1 (13-14). Acceptable recoveries and RPD were obtained.

Acceptable batch MS/MSD was also submitted.

3.4 Laboratory Control Sample

The LCS data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance.

LCS/Blank Spikes were analyzed for each analytical extraction batch for Pesticides, PCBs and Herbicides. Recovery values were acceptable and no qualifications were applied.

3.5 Blanks

Quality assurance (QA) blanks; i.e. method, instrument, trip and field blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Instrument blanks measure carryover for cross contamination. Field blanks measure cross-contamination of samples during field operations.

The following table was utilized to qualify target analyte results due to contamination. The largest value from all the associated blanks is required to be utilized:

For:	Flag Sample Result with a "U" when:	Report CRQL & Qualify "U" when:	No Qualification is Needed when:
Any Contaminant	Sample Conc. is >CRQL, but $\leq 5x$ blank value	Sample Conc. Is <CRQL and $\leq 5x$ blank value	Sample Conc. is >CRQL and $> 5x$ blank value

Extraction and Instrument blanks were performed at the appropriate frequency.

Below is a summary of blank contamination:

- A) **Method Blank Contamination:**
No target analytes were detected in the associated method blanks and no data validation qualifiers were required based upon method blank data.
- B) **Field Blank Contamination:**
Field blank analysis was not required.

3.6 Calibration Verification

Initial and continuing calibration sequence was performed as required for individual and multi-component Pesticide and PCBs standards. Acceptable DDT and Endrin breakdown percent difference ($< 20\%$) was observed. Acceptable retention times were obtained for all analysis and GC resolution is acceptable for both columns.

Linearity criteria for the initial standards have been satisfied for both columns as detailed below:

%RSD $\leq$ 20% for single component compounds except alpha-BHC and delta-BHC

%RSD $\leq$ 30% for Toxaphene peaks

%RSD $\leq$ 30% for surrogates (TCMX and DCB)

%RSD $<$ 20% for PCB aroclors

%RSD $<$ 20% for Silvex (Herbicide)

Continuing calibration verifications:

For Pesticide analysis acceptable percent difference for any pesticide is 20%, for Herbicide analysis acceptable percent difference is also 20% and for PCB analysis, the acceptable limit is 15%.

Calibrations met method requirements for Pesticide, PCB and Herbicide analysis.

3.7 Field Duplicates

Field duplicate samples are collected and analyzed as an indication of overall precision. These results are expected to have more variability than laboratory duplicate samples. Soil samples are also expected to have a greater variance due to the difficulties associated with collecting exact duplicate soil samples. Generally for soil samples an acceptable RPD is 50%.

Field Duplicate analysis was not collected.

3.8 Target Compound Identification

Qualitative criteria for compound identification have been established to minimize the number of false positives and false negatives. The retention times of all target analytes have been verified in the samples to that of the analyzed reference standards

Sample analysis was conducted via the internal standard method.

Acceptable DDT/Endrin breakdown was observed.

Positive Pesticide, PCB and Herbicide sample results are compared and where %Difference $>$ 25% when quantitated on the two columns the qualifications below are applied. Sample chromatograms were reviewed for the presence of interference. The following qualifications were applied where neither column shows interference:

<u>%Difference</u>	<u>Qualifier</u>
0-25%	None
26-70%	"J"
71-100%	"JN"
101-200% (no interference)	"R"
101-200% (interference detected)*	"JN"
>50% (Pesticide value is <CRQL)**	"U"
>201%	"R"

*When the reported %D is 101-200%, but interference is determined on either column, the results shall be qualified, "JN"

** When the reported pesticide value is lower than the CRQL, and the %D is >50%, raise the value to the CRQL and qualify "U", undetected.

As recommended by SW846 Method 8000, the laboratory has reported the lower value obtained when comparison of each column for Pesticides, PCBs and Herbicides.

Acceptable percent difference was obtained for all detected Pesticide analytes.

Percent difference of 26.3% in Aroclor 1260 detection in ST2-1 results in estimated concentration, "120J."

3.9 Compound Quantification and Reported Detection Limits

TCL compounds are identified on the GC by using the analyte's relative retention time (RRT) and by comparison to the primary column and the secondary confirmation column data. The laboratory reported the lower of the concentrations for primary/confirmatory column results as required. Soil results were reported on a dry weight basis as required.

Samples were analyzed undiluted. In cases where GC analyte concentration was obtained from a different column, results are reported on a separate reporting sheet which is acceptable practice.

3.10 Overall System Performance

Acceptable system performance was maintained throughout the analysis of all samples. Good resolution and chromatographic performance were observed.

Soil samples were concentrated to 10ml for Pesticides, PCBs and Herbicides. This is acceptable practice and method compliant. The laboratory reporting levels reflect the appropriate extraction concentration volume.

4.0 Metals by ICP/Cold Vapor SW846 Methods 6010C/7471B

The following method criteria were reviewed: holding times, CRDL standards, calibration, blanks, MS, laboratory duplicates, LCS, interference check sample, ICP serial dilutions and sample results verification. The soil and groundwater metals (Total Sodium/Manganese and Dissolved Manganese) results are considered to be valid and usable with the appropriate qualifiers as notated in the following text:

4.1 Holding Times

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J". The non-detects (sample quantitation limits) are required to be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded.

Soil samples were digested and analyzed for Metals within the method required holding times and the technical holding times for data validation. No qualifications were applied based upon holding time criteria.

4.2 Calibration (ICV/CCV)

Satisfactory instrument calibration is established to ensure that the instruments are capable of producing acceptable quantitative data. An initial calibration demonstrates that the instruments are capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instruments are giving satisfactory sequential performance and that the initial calibration is still valid.

The ICP and Mercury instruments were calibrated utilizing a minimum of a four-point curve in addition to blanks at the beginning of each analytical run. The calibrations have been determined to be acceptable, yielding correlation coefficients of 0.995 or greater.

For ICP analysis, satisfactory instrument performance near the Contract Required Detection Limit (CRDL) was demonstrated by analyzing a CRDL standard at the beginning and end of the analytical run. The instruments were calibrated properly by analyzing the CRDL solution at the correct levels, and analyzed at the required frequency at the beginning and end of each analytical run.

All recoveries were within acceptable limits of 90-110 % for initial calibration pertaining to field samples.

Continuing calibrations were within acceptable limits of 90-110% recovery of the true values for ICP and Mercury (80-120%) for all field samples.

No qualifications were applied based upon ICV/CCV analysis.

4.3 Blanks

Quality assurance (QA) blanks, i.e. method, field or preparation blanks are prepared to identify any contamination that may have been introduced into the samples during sample preparation or field activity. Preparation blanks measure laboratory contamination. Field blanks measure cross-contamination of samples during field operations.

All digestion/prep/ICB/CCB/Field blanks were generated within acceptable limits yielding final concentrations less than the CRDL.

No qualifications to the data were made based upon blank contamination.

4.4 Spiked Sample Recovery

The spike data are generated to determine the long terms precision and accuracy of the analytical method in various matrices.

Aqueous spike recoveries are qualified based on the criteria below:

<30% - "R" all detects and non-detects

Between 30%-74% - results $\geq$ MDL "J" and non-detects "UJ"

Between 126-150% - results $\geq$ MDL "J" and

>150% - results $\geq$ MDL "R"

Soil spike recoveries are qualified based on the criteria below:

<10% - "R" all detects and non-detects

Between 10%-74% - results $\geq$ MDL "J" and non-detects "UJ"

Between 126-200% - results $\geq$ MDL "J" and

>200% - results $\geq$ MDL "R"

Site specific MS/MSD analysis was conducted for Mercury on EX 4-1 (10'). Acceptable recovery values were obtained.

Site specific MS/MSD analysis was also performed on HL1-SW4 (6-7) and ST1-1C. Manganese recovered outside acceptance limit in both MS pairs. Acceptable post digestion spike was analyzed yielding acceptable values. No qualifications to Manganese is required since the sample concentration was determined to be $>4x$ the spike added.

EX2-B1 (6) was selected for ICP MS. Zinc recovered low at 64% and therefore results have been qualified, "J" in the parent sample. Acceptable post digestion spike was performed.

EX3-B2 (8) was also selected for ICP MS. Zinc recovered above acceptance limits, however, sample concentration was $>4x$ the spike added and therefore no qualifications to the data is required. Acceptable post digestion spike was performed.

HL2-SW1 (4-5) was selected for Mercury MS. Acceptable recovery values were obtained.

EX3-SW2 (13-14) was also selected for Mercury MS. Mercury recovered above limits at 158%. Mercury was not detected in the parent sample and therefore no qualifications to the data are required.

Batch soil MS/MSD data was submitted. Acceptable recovery values were obtained. Acceptable post digestion spikes were performed. No qualifications to the data were made for non-site specific MS/MSD.

4.5 Laboratory/Field Duplicates

The laboratory uses duplicate sample determinations to demonstrate acceptable method precision at the time of analysis. Duplicate analyses are also performed to generate data in order to determine the long-term precision of the analytical method on various matrices.

Laboratory Duplicates:

RPD $\geq 20\%$ but $< 100\%$ - J detected concentrations

RPD $\geq 100\%$ - R all detected and non-detected concentrations

Field Duplicates:

RPD $\geq 35\%$ but $< 120\%$ - qualify sample and duplicate results $\geq$ CRQL "J"

RPD $\geq 120\%$ - rejected sample and duplicate results $\geq$ CRQL "R"

Field Duplicate analysis was not submitted for any samples pertaining to these SDGs.

Acceptable laboratory duplicates were performed yielding acceptable precision.

4.6 Laboratory Control Sample

The laboratory Control Sample (LCS) serves as a monitor of the overall performance of each step during the analysis, including the sample preparation. Aqueous and solid Laboratory Control samples shall be analyzed for each analyte utilizing the same sample preparation, analytical methods and QA/QC procedures as employed for the samples.

The LCS was analyzed and reported for all ICP and Mercury analysis. Associated LCS recoveries were within the acceptable limits for Metals analyses (80-120%).

4.7 Interference Check Sample

The interference check sample (ICS) verifies the laboratory's interelement and background correction factors. The ICS consists of two solutions A and AB. Solution A consists of interference, and solution AB consists of the analytes mixed with interferents.

SW846 Method 6010 requires solution A and solution AB to be analyzed separately. The recoveries for the ICP interference check sample were all within the acceptable limits of 80-120%. No data qualifications were made based upon ICS analysis.

4.8 ICP Serial Dilution

The serial dilution of samples quantitated by ICP determines whether or not significant physical or chemical interferences exist due to sample matrix. An ICP serial dilution analysis must be performed on a sample for each group of samples with a similar matrix type and concentration, or for each Sample Delivery Group (SDG), whichever is more frequent.

Acceptable ICP serial dilutions were performed at a 5-fold dilution as required by the method where the initial concentration is equal or greater than 50x MDL. All serial dilution analyses agree within a 10% difference of the original determination after correction for dilution for all reported elements.

4.9 Sample Results Verification

Analyte quantitation was generated in accordance with protocols. The raw data was verified and found within the linear range of each instrument used for quantitation. Raw data supplied corresponds with reported values. Verification of the calculations yielded reported results.

Metals analysis resulted in acceptable results.

4.10 Overall Assessment of Data

The data generated were of acceptable quality. For the Metals analysis results are usable at the concentrations presented in the validated Form I's.

5.0 Cyanide by 9012B and Hexavalent Chromium by 7196A

Soil samples were analyzed for Cyanide by Method 9012B, Hexavalent Chromium by Method 7196A and Trivalent Chromium by calculation from both methods 6010C and 7196A.

The results were considered to be valid and usable as notated in the following text.

5.1 Holding Times

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J". The non-detects (sample quantitation limits) are required to be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded.

Holding times have been met for all analysis. Cyanide distillation was performed within 14 days of collection and Hexavalent Chromium soil analysis was completed within 28 days of collection as required by the analytical methods.

5.2 Calibration

Acceptable ICVs and CCVs were analyzed for each technology. No qualifications were applied based upon calibration data.

5.3 Blanks

Quality assurance (QA) blanks, i.e. method, field or preparation blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Preparation blanks measure laboratory contamination. Field blanks measure cross-contamination of samples during field operations.

Acceptable method blanks were analyzed as dictated by each analytical method. No qualifications were required based on blank data.

5.4 Spiked Sample Recovery

The spike data are generated to determine the long-term precision and accuracy of the analytical method in various matrices.

Site specific MS/MSD was conducted on EX 4-1 (10') for Cyanide. Acceptable recovery values were observed.

Also, HL1-SW4 (6-7) was selected for MS/MSD analysis for Cyanide and Hexavalent Chromium. Acceptable recovery values and RPD were obtained.

EX2-B1 (6) and EG-1-2 were selected for Cyanide MS/MSD. Acceptable recoveries and RPD were observed.

EX3-SW1 (13-14) was selected for Hexavalent Chromium MS/MSD. Acceptable recoveries and RPD were observed.

Additionally, acceptable soil batch MS/MSD was submitted for Cyanide and Hexavalent Chromium when site specific QC was not provided in the data package.

5.5 Laboratory/Field Duplicates

The laboratory uses duplicate sample determinations to demonstrate acceptable method precision at the time of analysis. Duplicate analyses are also performed to generate data in order to determine the long-term precision of the analytical method on various matrices.

Acceptable laboratory duplicates were performed. Field Duplicate analysis not collected.

5.6 Laboratory Control Sample

The laboratory Control Sample (LCS) serves as a monitor of the overall performance of each step during the analysis, including the sample preparation. Aqueous and solid Laboratory Control samples shall be analyzed for each analyte utilizing the same sample preparation, analytical methods and QA/QC procedures as employed for the samples.

Acceptable LCS and/or LCS Duplicate were analyzed for all methods.

5.7 Sample Results Verification

Analyte quantitation was generated in accordance with protocols. The instrument logs were verified and found within the linear ranges of each instrument used for quantitation.

Cyanide and Hexavalent Chromium were analyzed undiluted.

5.8 Overall Assessment of Data

The data was of acceptable quality.

Reviewer's Signature *Souia Bayar* Date 12/31/2015

**Appendix A
Chain of Custody
Documents**

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 1 of 1

Name (for report and invoice) Bryan Tiroff		Samplers Name (Printed) Elizabeth Matamoros		Site/Project Identification Getubed 40405 300-308 Columbus Ave	
Company AKRF INC		P.O. # 40405		State (Location of site): NJ: ☐ NY: ☒ Other: ☐	
Address 34 South Broadway #401		Analysis Turnaround Time Standard ☒ Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐		Regulatory Program:	
City White Plains		State NY 10601		LAB USE ONLY Project No:	
Phone 914 922 2302		Fax		Job No:	
Sample Identification		Date		Sample Numbers	
EX 4-1 (10')		11/25/14 1400		5	
EX 4-2 (10')		11/25/14 1405		5	
EX 4-3 (6')		11/25/14 1410		5	

200-25628 Chain of Custody

Preservation Used: 1 = ICE, 2 = HCl, 3 = H₂SO₄, 4 = HNO₃, 5 = NaOH
6 = Other 7 = Other

Special Instructions: REPORT ONLY NYSD DEC PART 375 Parameters

Relinquished by Elizabeth Tiroff	Company AKRF	Date / Time 11/25/14 1545	Received by 11/26/14	Company LABOR
Relinquished by 2)	Company	Date / Time	Received by 1)	Company
Relinquished by 3)	Company	Date / Time	Received by 2)	Company
Relinquished by 4)	Company	Date / Time	Received by 3)	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132), Massachusetts (M-NJ312), North Carolina (No. 578)

TestAmerica

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CHAIN OF CUSTODY

Name (for report and invoice)		Samplers Name (Printed)		Site/Project Identification	
Bryan Zieroff		Amy Jordan		Cranwood - 300-308 Columbus Avenue	
Company		P.O. #		State (Location of site):	
AKRF, INC		40405		NJ: ☐ NY: ☒ Other: ☐	
Address		Analysis Turnaround Time		Regulatory Program:	
34 South Broadway, Suite 400		Standard ☒ Rush Charges Authorized For:		NYSDEC, Part 375 LST, C&I B	
City		Rush Charges Authorized For:		ANALYSIS REQUESTED (ENTER BELOW TO INDICATE REQUEST)	
White Plains, NY 10601		2 Week ☐ 1 Week ☐ Other ☐		VOC 8260	
Phone		Fax		SVOC 8270	
203-246-1566				PCB 8082	
Sample Identification		Date		Pesticide 8081	
TR		6/4/14		Cr 7196	
UST1-SW1(5-6)		Time		Mercury 7471	
UST1-SW2(5-6)		0935		Herbicide 8151	
UST1-SW3(5-6)		0920			
UST1-SW4(5-6)		0925			
UST1-B1(7)		0930			
HL1-SW1(6-7)		0915			
HL1-SW2(6-7)		1055			
HL1-SW3(6-7)		1100			
HL1-SW4(6-7)		1105			
		1110			
Sample Numbers		No. of Cont.		LAB USE ONLY	
-1		3		Project No:	
-2		6		77244	
-3		6			
-4		6			
-5		6			
-6		6			
-7		6			
-8		6			
-9		6			
-10		6			
Preservation Used:		Soil:		Water:	
1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH					
6 = Other		7 = Other			

SHORT
HOLD

Special Instructions		Report full water part 375 LST kept SDG open		Water No. (Yes/No)?	
Relinquished by		Date / Time		Company	
A. Jordan		4/6/14 1500		AKRF	
Relinquished by		Date / Time		Company	
2) [Signature]		4/6/14 1705		AKRF	
Relinquished by		Date / Time		Company	
3) Fed Ex		6-5-14 930		AKRF	
Relinquished by		Date / Time		Company	
4)					

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

Massachusetts (M-NJ312), North Carolina (No. 578)

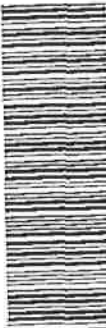
± R#5 CS# 125269, 125268

2.4 / 2.5 °C

11/12°C

TAL - 0016 (0408)

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679



480-77244 Chain of Custody

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Name (for report and invoice)

By an Zieroff

Company

AKCF, INC

Address

34 South Broadway, 401

City

White Plains, NY 10601

Phone

203-246-1566

Fax

Sample Identification

EX1-SW4(G-7)

EX1-B1(8)

EX1-A(8)

ST1-1A

ST1-1B

ST1-1C *

ST2-1

ST1-1C added per narrative

CHAIN OF CUSTODY /

Samplers Name (Printed)

A. Jordan

P.O. #

40405

Analysis Turnaround Time

Standard ☒

Rush Charges Authorized For:

2 Week ☐

1 Week ☐

Other ☐

No. of

Cont.

Time

Matrix

S

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S

S

S

S

S

S

S

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Site/Project Identification

300-308 Columbus

State (Location of site):

NY: ☒

Other:

Regulatory Program:

NYSDEC Part 375 Cat B

ANALYSIS REQUESTED (ENTER X, BELOW TO INDICATE REQUEST)

TLCP

VOC 8200

SVOC 8210

PCB/Residue

THL Metals

Cn, Cr, Hg

Hydrocarbons

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

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X

Page 1 of 1

Project No:

7751

Job No:

7751

Sample Numbers

-1

-2

-3

-4

-5

-6

-7

-8

-9

-10

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-37

put for further analysis

SHORT HOLD

Special Instructions: Keep SDG ORD, Report All NYSDEC Part 375 List Water Metals Filtered (Yes/No)?

Relinquished by	Company	Date / Time	Received by	Company
A. Jordan	AKCF	6/14/10 10:30	1)	
2) Fed Ex	Company	6-5-14 9:30	2) Aupae Curry	Company TA ed 6-5-14 930
Relinquished by	Company	Date / Time	Received by	Company
3)			3)	
Relinquished by	Company	Date / Time	Received by	Company
4)			4)	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

Massachusetts (M-NJ312), North Carolina (No. 578)

IR # 5 0.2/0.3°C NO CS

TAL - 0016 (0408)

New Durham Road
on, New Jersey 08817
te: (732) 549-3900 Fax: (732) 549-3679



06/13/2014

TestAmerica

CHAIN OF CUSTODY / ANALYSIS REQUEST

THE LEADER IN ENVIRONMENTAL TESTING

Name (for report and invoice)		Samplers Name (Printed)		Site/Project Identification	
DIVAN ZAROFF		A. TODES		(UNION ST. ST. GARMENT WK)	
Company		P.O. #		State (Location of site): NY: ☒ Other:	
ALUF INC		40403			
Address		Analysis Turnaround Time		LAB USE ONLY	
34 SOUTH DAWSON AVE		Standard ☒ Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐		Project No:	
City				Job No:	
WHITE PLAINS NY 10601				77683	
Phone				Sample Numbers	
705-246-1566				1	
Sample Identification	Date	Time	Matrix	No. of Cont.	
EX3-SW1(13-14)	6/24/03	1350	S	6	X
EX3-SW2(13-14)		1355	I	6	X
EX3-SW3(13-14)		1400	I	6	X
EX3-SW4(13-14)		1405	I	6	X
EX3-B1(13)		1410	I	6	X
EX3-B2(18)		1415	I	6	X
/	/	/	/	/	/
/	/	/	/	/	/
/	/	/	/	/	/
/	/	/	/	/	/
/	/	/	/	/	/
/	/	/	/	/	/
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH 6 = Other _____, 7 = Other _____					

Special Instructions LOD# N, DEC 1st 5:15 - 6:00 PM LIST

[illegible]

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0408)

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 1 of 1

Name (for report and invoice) Greenfield		Samplers Name (Printed) Montomcos		Site/Project Identification 300-303 Columbia	
Company FAIR INC.		P.O. # 40405		State (Location of site): NJ: ☐ NY: ☒ Other:	
Address 24 South Broadway, Suite 401		Analysis Turnaround Time Standard ☒ Rush Chrgs Authorized For: 2 Week ☐ 1 Week ☐ Other ☐		Regulatory Program: NYS DEC Part 375 Cat B	
City Windsor Park		State NY		LAB USE ONLY Project No:	
Phone 203-240-1569		Fax		Job No: 77714	
Sample Identification 300-1-2		Date 7/23/14		Sample Numbers 1	
VOC 8260		SVOC 8220		Pb/Residue	
TAL Metals		HCBs		HCBs	
SHORT		HOLD			
460-79914 Chain of Custody					
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH 6 = Other, 7 = Other					
Soil: ☐ Water: ☐					

Special Instructions Rep. for NYS DEC Part 375 Cat B		Water Metals Filtered (Yes/No)?	
Relinquished by Montomcos	Company FAIR	Received by Montomcos	Company FAIR
Relinquished by Montomcos	Company FAIR	Received by Montomcos	Company FAIR
Relinquished by 3) Fedex	Company FAIR	Received by 3) Fedex	Company FAIR
Relinquished by 4)	Company FAIR	Received by 4)	Company FAIR

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

Massachusetts (M-NJ312), North Carolina (No. 578)

CS # 125380 IR # 5

0.9/2.8 °C

CHAIN OF CUSTODY / ANALYSIS REQUEST

THE LEADER IN ENVIRONMENTAL TESTING

Page 1 of 1

[illegible]

Special Instructions		Report Full NYS DEC Part 372.2(a) Cat B		Water Metals Filtered (Yes/No)?	
Relinquished by S. Robinson	Company AKRF	Date / Time 7/25/11 12:45	Received by J. Robinson	Company TDA	
Relinquished by 2)	Company	Date / Time 	Received by 2)	Company	
Relinquished by 3)	Company	Date / Time 	Received by 3)	Company	
Relinquished by 4)	Company	Date / Time 	Received by 4)	Company	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200) Rhode Island (132).

Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0408)

am Road
ersey 08817
49-3900 Fax (732) 549-3679

460-80592 Chain of Custody

Page 1 of 1

CHAIN OF CUSTODY / ANALYSIS

THE LEADER IN ENVIRONMENTAL TESTING

[illegible]

**SHORT
HOLD**

Special Instructions	Port #	Time	Date	Time	Water Metals Filtered (Yes/No)?
Relinquished by A. J. GARCIA	Company	GRT	Date / Time	8/5/14 1:45	Received by Walter Gandy Company
Relinquished by Walter Gandy	Company	WGS	Date / Time	8/5/14 1:605	Received by 2) M. L. Lino (Fedex) Company
Relinquished by 3)	Company		Date / Time		Received by TAD 8/6/14 9:00 Company R#5
Relinquished by 4)	Company		Date / Time		Received by Company -1.8/0.1°C

TAL - 0076 (0408)

Massachusetts (M-NJ312), North Carolina (No. 578)

(132).

Appendix B Case Narratives

CASE NARRATIVE

Client: AKRF Inc

Project: Crestwood

Report Number: 200-25628-1

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

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

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

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

RECEIPT

The samples were received on 11/26/2014 10:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.2° C.

Except:

The container labels for the following samples did not match the information listed on the Chain-of-Custody (COC): EX 4-2 (10') (200-25628-2), EX 4-3 (6') (200-25628-3), ST-5-1 (200-25628-4). The container labels for samples 200-25628-2 and 200-25628-3 listed sample times of 1400, while the COC listed sample times of 1405 and 1410, respectively. The container labels for sample 200-25628-4 listed a sample time of 1520, while the COC listed a sample time of 1500. The sample collection times were logged in per the COC.

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

VOLATILE ORGANICS

Samples EX 4-1 (10') (200-25628-1), EX 4-2 (10') (200-25628-2) and EX 4-3 (6') (200-25628-3) were analyzed for Volatile organics in accordance with EPA SW-846 Methods 8260C. The samples were prepared and analyzed on 11/26/2014.

1,2-Dichlorobenzene and Methylene Chloride were detected in method blank MB 200-81257/5 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The continuing calibration verification (CCV) associated with batch 81257 recovered above the upper control limit for the following analyte: Vinyl chloride. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

Refer to the QC report for details.

No other difficulties were encountered during the Volatile organics analysis.

All other quality control parameters were within the acceptance limits.

PESTICIDES

Samples EX 4-1 (10') (200-25628-1), EX 4-2 (10') (200-25628-2) and EX 4-3 (6') (200-25628-3) were analyzed for Pesticides in accordance with EPA SW-846 Methods 8081A. The samples were prepared on 12/01/2014 and analyzed on 12/02/2014.

Endrin aldehyde failed the recovery criteria low for the MS and MSD of sample 200-25628-1 in batch 460-266561.

Surrogate recoveries (DCB Decachlorobiphenyl, Tetrachloro-m-xylene) for the matrix spike (MS) associated with batch 266254 were outside the upper control limits. All associated sample surrogates fell within acceptance criteria; therefore, the data have been reported.

Refer to the QC report for details.

No other difficulties were encountered during the Pesticides analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS

Samples EX 4-1 (10') (200-25628-1), EX 4-2 (10') (200-25628-2) and EX 4-3 (6') (200-25628-3) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082. The samples were prepared on 12/01/2014 and analyzed on 12/02/2014.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

CHLORINATED HERBICIDES

Samples EX 4-1 (10') (200-25628-1), EX 4-2 (10') (200-25628-2) and EX 4-3 (6') (200-25628-3) were analyzed for chlorinated herbicides in accordance with EPA SW-846 Method 8151A. The samples were prepared on 12/01/2014 and analyzed on 12/03/2014.

Surrogate recovery (2,4-Dichlorophenylacetic acid) for the method blank (MB), matrix spike (MS), and matrix spike duplicate (MSD) associated with batch 266264 was outside the upper control limits. All associated sample surrogates fell within acceptance criteria; therefore, the data have been reported.

Surrogate recovery (2,4-Dichlorophenylacetic acid) for the following sample was outside the upper control limit on the primary column: EX 4-1 (10') (200-25628-1). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Refer to the QC report for details.

No other difficulties were encountered during the herbicides analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS

Samples EX 4-1 (10') (200-25628-1), EX 4-2 (10') (200-25628-2) and EX 4-3 (6') (200-25628-3) were analyzed for Semivolatile organic compounds in accordance with EPA SW-846 Method 8270D. The samples were prepared on 12/01/2014 and analyzed on 12/02/2014.

A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for five analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 266188 had two analytes (Benzo[a]pyrene, Benzo[b]fluoranthene) outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

2-Methylphenol failed the recovery criteria low for the MSD of sample 460-86905-7 in batch 460-266375. Pentachlorophenol exceeded the RPD limit.

The continuing calibration verification (CCV) analyzed in batch 266375 was outside the method criteria for the following analytes: 3 & 4 Methylphenol, Acenaphthene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

Refer to the QC report for details.

No other difficulties were encountered during the Semivolatile organic compounds analysis.

All other quality control parameters were within the acceptance limits.

METALS

Samples EX 4-1 (10') (200-25628-1), EX 4-2 (10') (200-25628-2) and EX 4-3 (6') (200-25628-3) were analyzed for Metals in accordance with EPA SW-846 6010C. The samples were prepared on 12/02/2014 and analyzed on 12/03/2014.

Samples EX 4-1 (10') (200-25628-1)[4X], EX 4-2 (10') (200-25628-2)[4X] and EX 4-3 (6') (200-25628-3)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the Metals analysis.

All quality control parameters were within the acceptance limits.

HEXAVALENT CHROMIUM

Samples EX 4-1 (10') (200-25628-1), EX 4-2 (10') (200-25628-2) and EX 4-3 (6') (200-25628-3) were analyzed for hexavalent chromium in accordance with EPA SW-846 Method 7196A. The samples were prepared and analyzed on 12/04/2014.

No difficulties were encountered during the hexchrome Cr6 analysis.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples EX 4-1 (10') (200-25628-1), EX 4-2 (10') (200-25628-2) and EX 4-3 (6') (200-25628-3) were analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 12/01/2014.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

TRIVALENT CHROMIUM

Samples EX 4-1 (10') (200-25628-1), EX 4-2 (10') (200-25628-2) and EX 4-3 (6') (200-25628-3) were analyzed for trivalent chromium in accordance with EPA SW-846 7196A_CR3 by Calculation. The samples were analyzed on 12/05/2014.

No difficulties were encountered during the cr3 analysis.

All quality control parameters were within the acceptance limits.

TOTAL CYANIDE

Samples EX 4-1 (10') (200-25628-1), EX 4-2 (10') (200-25628-2) and EX 4-3 (6') (200-25628-3) were analyzed for total cyanide in accordance with EPA SW-846 Method 9012B. The samples were prepared and analyzed on 12/04/2014.

No difficulties were encountered during the cyanide analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples EX 4-1 (10') (200-25628-1), EX 4-2 (10') (200-25628-2) and EX 4-3 (6') (200-25628-3) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D). The samples were analyzed on 12/01/2014.

The sample duplicate precision for the following sample associated with batch 266205 was outside control limits: 460-86977-6 DU.

Refer to the QC report for details.

No other difficulties were encountered during the %solids/moisture analysis.

All other quality control parameters were within the acceptance limits.

Job Number: 200-25628-1

Job Description: Crestwood

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



Approved for release.
Sarah E Brown
Project Management Assistant II
12/8/2014 3:38 PM

Designee for
Melissa Haas

CASE NARRATIVE

Client: AKRF Inc

Project: Crestwood - 300-308 Columbus Avenue

Report Number: 460-77244-1

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

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

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

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

RECEIPT

The samples were received on 6/5/2014 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 0.3° C, 1.2° C and 2.5° C.

Except:

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. Relinquished date recorded on the COC upon receipt is incorrect as 4/6/14. It should have been 6/4/14.

The following sample was activated for TCLP VOC analysis by the client on 6/16/14: ST1-1C (460-77251-6). In addition, the following analyses not originally indicated on the COC for this sample were added by the client on 6/6/14: Metals, SVOC, PCB, Pesticides, Cyanide, Trivalent & Hexavalent chromium, and Herbicides. A revised COC was provided.

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

TCLP VOLATILE ORGANIC COMPOUNDS (GC-MS)

Sample ST1-1C (460-77251-6) was analyzed for TCLP volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 1311/8260C. The samples were leached on 06/07/2014 and analyzed on 06/09/2014.

Acetone was detected in method blank MB 460-229263/7 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Acetone was detected in method blank MB 460-229307/6 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Methylene Chloride was detected in method blank MB 460-229307/6 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Acetone was detected in method blank MB 460-229464/6 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Methylene Chloride was detected in method blank MB 460-229464/6 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Refer to the QC report for details.

Sample ST1-1C (460-77251-6)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the Volatile organics analysis.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANICS

Samples EX1-SW4(6-7) (460-77251-1), UST1-SW1 (5-6) (460-77244-2), EX1-B1(8) (460-77251-2), UST1-SW2 (5-6) (460-77244-3), EX1-A(8) (460-77251-3), UST1-SW3 (5-6) (460-77244-4), ST1-1A (460-77251-4), UST1-SW4 (5-6) (460-77244-5), ST1-1B

(460-77251-5), UST1-B1 (7) (460-77244-6), HL1-SW1 (6-7) (460-77244-7), ST2-1 (460-77251-7), HL1-SW2 (6-7) (460-77244-8), HL1-SW3 (6-7) (460-77244-9), HL1-SW4 (6-7) (460-77244-10), HL1-B1 (8) (460-77244-11), EX1-SW1 (6-7) (460-77244-12), EX1-SW2 (6-7) (460-77244-13) and EX1-SW3 (6-7) (460-77244-14) were analyzed for Volatile organics in accordance with EPA SW-846 Methods 8260C. The samples were prepared on 06/05/2014 and analyzed on 06/08/2014 and 06/09/2014.

Methylene Chloride was detected in method blank LB3 460-228750/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Acetone and Methylene Chloride were detected in method blank LB3 460-228767/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Several analytes failed the recovery criteria low for the MS/MSD of sample HL1-SW4 (6-7)MS (460-77244-10) in batch 460-229263. Vinyl chloride exceeded the RPD limit.

Refer to the QC report for details.

No other difficulties were encountered during the Volatile organics analysis.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANICS

Sample TB (460-77244-1) was analyzed for Volatile organics in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 06/07/2014.

Internal standard (ISTD) response for the following sample was outside control limits: ST2-1 (460-77251-7). The sample was re-analyzed with concurring results in batch 229307.

1,4-Dioxane exceeded the RPD limit for the MSD of sample 460-77215-1 in batch 460-229104. The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the Volatile organics analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples EX1-SW4(6-7) (460-77251-1), UST1-SW1 (5-6) (460-77244-2), EX1-B1(8) (460-77251-2), UST1-SW2 (5-6) (460-77244-3), EX1-A(8) (460-77251-3), UST1-SW3 (5-6) (460-77244-4), UST1-SW4 (5-6) (460-77244-5), UST1-B1 (7) (460-77244-6), ST1-1C (460-77251-6), HL1-SW1 (6-7) (460-77244-7), ST2-1 (460-77251-7), HL1-SW2 (6-7) (460-77244-8), HL1-SW3 (6-7) (460-77244-9), HL1-SW4 (6-7) (460-77244-10), HL1-B1 (8) (460-77244-11), EX1-SW1 (6-7) (460-77244-12), EX1-SW2 (6-7) (460-77244-13) and EX1-SW3 (6-7) (460-77244-14) were analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 06/05/2014 and 06/08/2014 and analyzed on 06/07/2014, 06/08/2014, 06/10/2014 and 06/11/2014.

The continuing calibration verification (CCV) analyzed in batch 229249 was outside the method criteria for the following analyte(s): 3&4-Methylphenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 229528 was outside the method criteria for the following analyte(s): 3&4-Methylphenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 229737 was outside the method criteria for the following analyte(s): 2-Fluorobiphenyl. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 229833 was outside the method criteria for the following analyte(s): Indeno[1,2,3-cd]pyrene and 2,4,6-Tribromophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Due to the high concentration of several analytes the matrix spike / matrix spike duplicate (MS/MSD) for batch 228834 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Six surrogates are used for this analysis, three acid and three base neutrals. The laboratory's SOP allows one surrogate from each fraction to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample(s) contained an allowable

number of surrogate compounds outside limits: EX1-A(8) (460-77251-3), EX1-SW1 (6-7) (460-77244-12), EX1-SW2 (6-7) (460-77244-13), HL1-B1 (8) (460-77244-11), HL1-SW1 (6-7) (460-77244-7), HL1-SW2 (6-7) (460-77244-8), HL1-SW3 (6-7) (460-77244-9). These results have been reported and qualified.

2-Fluorobiphenyl failed the surrogate recovery criteria high for HL1-B1 (8) (460-77244-11), HL1-SW1 (6-7) (460-77244-7), HL1-SW2 (6-7) (460-77244-8), HL1-SW3 (6-7) (460-77244-9). Terphenyl-d14 (Surr) failed the surrogate recovery criteria high for EX1-A(8) (460-77251-3), for EX1-SW1 (6-7) (460-77244-12) and EX1-SW2 (6-7) (460-77244-13).

Several analytes failed the recovery criteria low for the MS/MSD of sample HL1-SW4 (6-7)MS (460-77244-10) in batch 460-229833.

Benzo[g,h,i]perylene failed the recovery criteria low for the MS/MSD of sample 460-77348-2 in batch 460-229737.

Refer to the QC report for details.

Samples ST2-1 (460-77251-7)[10X] and HL1-SW4 (6-7) (460-77251-10)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following sample(s) was diluted due to the nature of the sample matrix: ST2-1 (460-77251-7). As such elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

PESTICIDES

Samples EX1-SW4(6-7) (460-77251-1), UST1-SW1 (5-6) (460-77244-2), EX1-B1(8) (460-77251-2), UST1-SW2 (5-6) (460-77244-3), EX1-A(8) (460-77251-3), UST1-SW3 (5-6) (460-77244-4), UST1-SW4 (5-6) (460-77244-5), UST1-B1 (7) (460-77244-6), ST1-1C (460-77251-6), HL1-SW1 (6-7) (460-77244-7), ST2-1 (460-77251-7), HL1-SW2 (6-7) (460-77244-8), HL1-SW3 (6-7) (460-77244-9), HL1-SW4 (6-7) (460-77244-10), HL1-B1 (8) (460-77244-11), EX1-SW1 (6-7) (460-77244-12), EX1-SW2 (6-7) (460-77244-13) and EX1-SW3 (6-7) (460-77244-14) were analyzed for Pesticides in accordance with EPA SW-846 Methods 8081A. The samples were prepared and analyzed on 06/06/2014 and 06/09/2014.

No difficulties were encountered during the Pesticides analysis.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS

Samples EX1-SW4(6-7) (460-77251-1), UST1-SW1 (5-6) (460-77244-2), EX1-B1(8) (460-77251-2), UST1-SW2 (5-6) (460-77244-3), EX1-A(8) (460-77251-3), UST1-SW3 (5-6) (460-77244-4), UST1-SW4 (5-6) (460-77244-5), UST1-B1 (7) (460-77244-6), ST1-1C (460-77251-6), HL1-SW1 (6-7) (460-77244-7), ST2-1 (460-77251-7), HL1-SW2 (6-7) (460-77244-8), HL1-SW3 (6-7) (460-77244-9), HL1-SW4 (6-7) (460-77244-10), HL1-B1 (8) (460-77244-11), EX1-SW1 (6-7) (460-77244-12), EX1-SW2 (6-7) (460-77244-13) and EX1-SW3 (6-7) (460-77244-14) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082. The samples were prepared and analyzed on 06/06/2014 and 06/09/2014.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

CHLORINATED HERBICIDES

Samples EX1-SW4(6-7) (460-77251-1), UST1-SW1 (5-6) (460-77244-2), EX1-B1(8) (460-77251-2), UST1-SW2 (5-6) (460-77244-3), EX1-A(8) (460-77251-3), UST1-SW3 (5-6) (460-77244-4), UST1-SW4 (5-6) (460-77244-5), UST1-B1 (7) (460-77244-6), ST1-1C (460-77251-6), HL1-SW1 (6-7) (460-77244-7), ST2-1 (460-77251-7), HL1-SW2 (6-7) (460-77244-8), HL1-SW3 (6-7) (460-77244-9), HL1-SW4 (6-7) (460-77244-10), HL1-B1 (8) (460-77244-11), EX1-SW1 (6-7) (460-77244-12), EX1-SW2 (6-7) (460-77244-13) and EX1-SW3 (6-7) (460-77244-14) were analyzed for chlorinated herbicides in accordance with EPA SW-846 Method 8151A. The samples were prepared on 06/06/2014 and analyzed on 06/07/2014 and 06/08/2014.

DCAA Surrogate recoveries for the method blank (MB) and laboratory control sample (LCS) for 229085 were outside control limits on both columns (LCS 460-229085/2-A), (MB 460-229085/1-A). Associated samples did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

DCAA Surrogate recoveries for the following samples were outside the upper control limit on both columns HL1-SW1 (6-7) (460-77244-7), HL1-SW2 (6-7) (460-77244-8), HL1-SW3 (6-7) (460-77244-9), HL1-SW4 (6-7) (460-77244-10), UST1-B1 (7) (460-77244-6), UST1-SW1 (5-6) (460-77244-2). These samples did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

DCAA Surrogate recoveries for the matrix spike (MS), matrix spike duplicate (MSD) for 229085 were outside control limits on the primary column HL1-SW4 (6-7) (460-77244-10 MS), HL1-SW4 (6-7) (460-77244-10 MSD). Associated samples did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

DCAA Surrogate recoveries for the matrix spike duplicate (MSD) for 229085 were outside control limits on the secondary column HL1-SW4 (6-7) (460-77244-10 MSD). Associated samples did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

DCAA Surrogate recoveries for the samples were outside control limits on the primary column EX1-SW2 (6-7) (460-77244-13), EX1-SW3 (6-7) (460-77244-14), ST2-1 (460-77251-7). These samples did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

DCAA Surrogate recoveries for the samples were outside control limits on the secondary column EX1-SW1 (6-7) (460-77244-12), EX1-SW2 (6-7) (460-77244-13), ST2-1 (460-77251-7). These samples did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Surrogate recovery for the following sample(s) was outside the upper control limit: EX1-A(8) (460-77251-3), EX1-B1(8) (460-77251-2), EX1-SW4(6-7) (460-77251-1). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

2,4-Dichlorophenylacetic acid failed the surrogate recovery criteria high for HL1-SW4 (6-7) (460-77244-10), EX1-SW1 (6-7) (460-77244-12), EX1-SW2 (6-7) (460-77244-13), EX1-SW3 (6-7) (460-77244-14), UST1-SW1 (5-6) (460-77244-2), UST1-B1 (7) (460-77244-6), HL1-SW1 (6-7) (460-77244-7), HL1-SW2 (6-7) (460-77244-8), HL1-SW3 (6-7) (460-77244-9), EX1-SW4(6-7) (460-77251-1), EX1-B1(8) (460-77251-2), EX1-A(8) (460-77251-3), ST2-1 (460-77251-7), MB 460-229085/1-A, LCS 460-229085/2-A, HL1-SW4 (6-7)MS (460-77244-10MS) and HL1-SW4 (6-7)MSD (460-77244-10MSD).

Refer to the QC report for details.

No other difficulties were encountered during the herbicides analysis.

All other quality control parameters were within the acceptance limits.

METALS

Samples EX1-SW4(6-7) (460-77251-1), UST1-SW1 (5-6) (460-77244-2), EX1-B1(8) (460-77251-2), UST1-SW2 (5-6) (460-77244-3), EX1-A(8) (460-77251-3), UST1-SW3 (5-6) (460-77244-4), UST1-SW4 (5-6) (460-77244-5), UST1-B1 (7) (460-77244-6), ST1-1C (460-77251-6), HL1-SW1 (6-7) (460-77244-7), ST2-1 (460-77251-7), HL1-SW2 (6-7) (460-77244-8), HL1-SW3 (6-7) (460-77244-9), HL1-SW4 (6-7) (460-77244-10), HL1-B1 (8) (460-77244-11), EX1-SW1 (6-7) (460-77244-12), EX1-SW2 (6-7) (460-77244-13) and EX1-SW3 (6-7) (460-77244-14) were analyzed for Metals in accordance with EPA SW-846 6010C. The samples were prepared on 06/05/2014, 06/06/2014 and 06/07/2014 and analyzed on 06/06/2014 and 06/09/2014.

Manganese failed the recovery criteria low for the MS of sample HL1-SW4 (6-7)MS (460-77244-10) in batch 460-229078.

Manganese failed the recovery criteria low for the MS of sample ST1-1CMS (460-77251-6) in batch 460-229469.

Refer to the QC report for details.

Samples EX1-SW4(6-7) (460-77251-1)[4X], UST1-SW1 (5-6) (460-77251-2)[4X], EX1-B1(8) (460-77251-2)[4X], UST1-SW2 (5-6) (460-77251-3)[4X], EX1-A(8) (460-77251-3)[4X], UST1-SW3 (5-6) (460-77251-4)[4X], UST1-SW4 (5-6) (460-77251-5)[4X], UST1-B1 (7) (460-77251-6)[4X], ST1-1C (460-77251-6)[4X], HL1-SW1 (6-7) (460-77251-7)[4X], ST2-1 (460-77251-7)[4X], HL1-SW2 (6-7) (460-77251-8)[4X], HL1-SW3 (6-7) (460-77251-9)[4X], HL1-SW4 (6-7) (460-77251-10)[4X], HL1-B1 (8) (460-77251-11)[4X], EX1-SW1 (6-7) (460-77251-12)[4X], EX1-SW2 (6-7) (460-77251-13)[4X] and EX1-SW3 (6-7) (460-77251-14)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the Metals analysis.

All other quality control parameters were within the acceptance limits.

HEXAVALENT CHROMIUM

Samples EX1-SW4(6-7) (460-77251-1), UST1-SW1 (5-6) (460-77244-2), EX1-B1(8) (460-77251-2), UST1-SW2 (5-6) (460-77244-3), EX1-A(8) (460-77251-3), UST1-SW3 (5-6) (460-77244-4), UST1-SW4 (5-6) (460-77244-5), UST1-B1 (7) (460-77244-6), ST1-1C (460-77251-6), HL1-SW1 (6-7) (460-77244-7), ST2-1 (460-77251-7), HL1-SW2 (6-7) (460-77244-8), HL1-SW3 (6-7) (460-77244-9), HL1-SW4 (6-7) (460-77244-10), HL1-B1 (8) (460-77244-11), EX1-SW1 (6-7) (460-77244-12), EX1-SW2 (6-7) (460-77244-13) and EX1-SW3 (6-7) (460-77244-14) were analyzed for hexavalent chromium in accordance with EPA SW-846 Method 7196A. The samples were prepared and analyzed on 06/09/2014.

No difficulties were encountered during the hexchrome Cr6 analysis.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples EX1-SW4(6-7) (460-77251-1), UST1-SW1 (5-6) (460-77244-2), EX1-B1(8) (460-77251-2), UST1-SW2 (5-6) (460-77244-3), EX1-A(8) (460-77251-3), UST1-SW3 (5-6) (460-77244-4), UST1-SW4 (5-6) (460-77244-5), UST1-B1 (7) (460-77244-6), ST1-1C (460-77251-6), HL1-SW1 (6-7) (460-77244-7), ST2-1 (460-77251-7), HL1-SW2 (6-7) (460-77244-8), HL1-SW3 (6-7) (460-77244-9),

HL1-SW4 (6-7) (460-77244-10), HL1-B1 (8) (460-77244-11), EX1-SW1 (6-7) (460-77244-12), EX1-SW2 (6-7) (460-77244-13) and EX1-SW3 (6-7) (460-77244-14) were analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 06/06/2014 and 06/08/2014.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

TRIVALENT CHROMIUM

Samples EX1-SW4(6-7) (460-77251-1), UST1-SW1 (5-6) (460-77244-2), EX1-B1(8) (460-77251-2), UST1-SW2 (5-6) (460-77244-3), EX1-A(8) (460-77251-3), UST1-SW3 (5-6) (460-77244-4), UST1-SW4 (5-6) (460-77244-5), UST1-B1 (7) (460-77244-6), ST1-1C (460-77251-6), HL1-SW1 (6-7) (460-77244-7), ST2-1 (460-77251-7), HL1-SW2 (6-7) (460-77244-8), HL1-SW3 (6-7) (460-77244-9), HL1-SW4 (6-7) (460-77244-10), HL1-B1 (8) (460-77244-11), EX1-SW1 (6-7) (460-77244-12), EX1-SW2 (6-7) (460-77244-13) and EX1-SW3 (6-7) (460-77244-14) were analyzed for trivalent chromium in accordance with EPA SW-846 7196A_CR3 by Calculation. The samples were analyzed on 06/11/2014.

No difficulties were encountered during the cr3 analysis.

All quality control parameters were within the acceptance limits.

TOTAL CYANIDE

Samples EX1-SW4(6-7) (460-77251-1), UST1-SW1 (5-6) (460-77244-2), EX1-B1(8) (460-77251-2), UST1-SW2 (5-6) (460-77244-3), EX1-A(8) (460-77251-3), UST1-SW3 (5-6) (460-77244-4), UST1-SW4 (5-6) (460-77244-5), UST1-B1 (7) (460-77244-6), ST1-1C (460-77251-6), HL1-SW1 (6-7) (460-77244-7), ST2-1 (460-77251-7), HL1-SW2 (6-7) (460-77244-8), HL1-SW3 (6-7) (460-77244-9), HL1-SW4 (6-7) (460-77244-10), HL1-B1 (8) (460-77244-11), EX1-SW1 (6-7) (460-77244-12), EX1-SW2 (6-7) (460-77244-13) and EX1-SW3 (6-7) (460-77244-14) were analyzed for total cyanide in accordance with EPA SW-846 Method 9012B. The samples were prepared and analyzed on 06/08/2014.

No difficulties were encountered during the cyanide analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples EX1-SW4(6-7) (460-77251-1), UST1-SW1 (5-6) (460-77244-2), EX1-B1(8) (460-77251-2), UST1-SW2 (5-6) (460-77244-3), EX1-A(8) (460-77251-3), UST1-SW3 (5-6) (460-77244-4), ST1-1A (460-77251-4), UST1-SW4 (5-6) (460-77244-5), ST1-1B (460-77251-5), UST1-B1 (7) (460-77244-6), ST1-1C (460-77251-6), HL1-SW1 (6-7) (460-77244-7), ST2-1 (460-77251-7), HL1-SW2 (6-7) (460-77244-8), HL1-SW3 (6-7) (460-77244-9), HL1-SW4 (6-7) (460-77244-10), HL1-B1 (8) (460-77244-11), EX1-SW1 (6-7) (460-77244-12), EX1-SW2 (6-7) (460-77244-13) and EX1-SW3 (6-7) (460-77244-14) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D). The samples were analyzed on 06/05/2014.

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

All quality control parameters were within the acceptance limits.

CASE NARRATIVE

Client: AKRF Inc

Project: Crestwood 300-308 Columbus Ave, Tuckahoe

Report Number: 460-77467-1

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

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

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

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

RECEIPT

The samples were received on 6/10/2014 7:40 AM and 6/11/2014 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.4° C and 3.4° C.

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

VOLATILE ORGANICS

Samples EX2-B1 (6) (460-77467-1), EX3-SW1 (13-14) (460-77553-1), EX2-B2 (6) (460-77467-2), EX3-SW2 (13-14) (460-77553-2), HL2-SW1 (4-5) (460-77467-3), EX3-SW3 (13-14) (460-77553-3), HL2-SW2 (4-5) (460-77467-4), EX3-SW4 (13-14) (460-77553-4), HL2-SW3 (4-5) (460-77467-5), EX3-B1 (15) (460-77553-5), HL2-SW4 (4-5) (460-77467-6), EX3-B2 (8) (460-77553-6) and HL2-B1 (6) (460-77467-7) were analyzed for Volatile organics in accordance with EPA SW-846 Methods 8260C. The samples were prepared on 06/10/2014 and 06/11/2014 and analyzed on 06/11/2014, 06/12/2014 and 06/14/2014.

Acetone was detected in method blank MB 460-229824/6 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Acetone was detected in method blank MB 460-230006/7 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Acetone was detected in method blank MB 460-230630/6 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Methylene Chloride was detected in method blank MB 460-230630/6 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Acetone was detected in method blank LB3 460-229667/1-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Refer to the QC report for details.

No other difficulties were encountered during the Volatile organics analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples EX2-B1 (6) (460-77467-1), EX3-SW1 (13-14) (460-77553-1), EX2-B2 (6) (460-77467-2), EX3-SW2 (13-14) (460-77553-2), HL2-SW1 (4-5) (460-77467-3), EX3-SW3 (13-14) (460-77553-3), HL2-SW2 (4-5) (460-77467-4), EX3-SW4 (13-14) (460-77553-4), HL2-SW3 (4-5) (460-77467-5), EX3-B1 (15) (460-77553-5), HL2-SW4 (4-5) (460-77467-6), EX3-B2 (8) (460-77553-6) and HL2-B1 (6) (460-77467-7) were analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 06/10/2014 and 06/12/2014 and analyzed on 06/13/2014, 06/14/2014, 06/17/2014 and 06/18/2014.

Internal standard responses were outside of acceptance limits for the following sample(s): (460-76881-5 MS), (460-76881-5 MSD), A8-AST-SS7-2 (0-1.5) (460-76881-5). The sample(s) shows evidence of matrix interference.

The continuing calibration verification (CCV) analyzed in batch 230500 was outside the method criteria for the following analyte(s):

Indeno[1,2,3-cd]pyrene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 229833 was outside the method criteria for the following analyte(s): Indeno[1,2,3-cd]pyrene and 2,4,6-Tribromophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 231065 was outside the method criteria for the following analyte(s): Pyrene and Terphenyl-d14. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 231198 was outside the method criteria for the following analyte(s): 2,4,6-Tribromophenol. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Six surrogates are used for this analysis, three acid and three base neutrals. The laboratory's SOP allows one surrogate from each fraction to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample(s) contained an allowable number of surrogate compounds outside limits: HL2-SW4 (4-5) (460-77467-6). These results have been reported and qualified.

2,4,6-Tribromophenol (Surr) failed the surrogate recovery criteria low for HL2-SW4 (4-5) (460-77467-6).

Benzo[g,h,i]perylene, Dibenz(a,h)anthracene and Indeno[1,2,3-cd]pyrene failed the recovery criteria low for the MS/MSD of sample 460-76881-5 in batch 460-231065. Benzo[b]fluoranthene, Benzo[k]fluoranthene and Fluoranthene failed the recovery criteria high.

Pentachlorophenol exceeded the RPD limit for the MSD of sample 460-77529-1 in batch 460-231198.

Refer to the QC report for details.

Sample HL2-SW3 (4-5) (460-77467-5)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

PESTICIDES

Samples EX2-B1 (6) (460-77467-1), EX3-SW1 (13-14) (460-77553-1), EX2-B2 (6) (460-77467-2), EX3-SW2 (13-14) (460-77553-2), HL2-SW1 (4-5) (460-77467-3), EX3-SW3 (13-14) (460-77553-3), HL2-SW2 (4-5) (460-77467-4), EX3-SW4 (13-14) (460-77553-4), HL2-SW3 (4-5) (460-77467-5), EX3-B1 (15) (460-77553-5), HL2-SW4 (4-5) (460-77467-6), EX3-B2 (8) (460-77553-6) and HL2-B1 (6) (460-77467-7) were analyzed for Pesticides in accordance with EPA SW-846 Methods 8081A. The samples were prepared and analyzed on 06/11/2014 and 06/12/2014.

No difficulties were encountered during the Pesticides analysis.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS

Samples EX2-B1 (6) (460-77467-1), EX3-SW1 (13-14) (460-77553-1), EX2-B2 (6) (460-77467-2), EX3-SW2 (13-14) (460-77553-2), HL2-SW1 (4-5) (460-77467-3), EX3-SW3 (13-14) (460-77553-3), HL2-SW2 (4-5) (460-77467-4), EX3-SW4 (13-14) (460-77553-4), HL2-SW3 (4-5) (460-77467-5), EX3-B1 (15) (460-77553-5), HL2-SW4 (4-5) (460-77467-6), EX3-B2 (8) (460-77553-6) and HL2-B1 (6) (460-77467-7) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082. The samples were prepared and analyzed on 06/11/2014 and 06/12/2014.

The closing calibration verification (CCV) associated with batch 229981 recovered above the upper control limit for Aroclor 1016, Aroclor 1260 and DCB surrogate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCV 460-229981/31).

The closing calibration verification (CCV) associated with batch 229872 recovered above the upper control limit for Aroclor 1016, Aroclor 1260 and DCB surrogate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCV 460-229872/12).

No other difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

CHLORINATED HERBICIDES

Samples EX2-B1 (6) (460-77467-1), EX3-SW1 (13-14) (460-77553-1), EX2-B2 (6) (460-77467-2), EX3-SW2 (13-14) (460-77553-2),

HL2-SW1 (4-5) (460-77467-3), EX3-SW3 (13-14) (460-77553-3), HL2-SW2 (4-5) (460-77467-4), EX3-SW4 (13-14) (460-77553-4), HL2-SW3 (4-5) (460-77467-5), EX3-B1 (15) (460-77553-5), HL2-SW4 (4-5) (460-77467-6), EX3-B2 (8) (460-77553-6) and HL2-B1 (6) (460-77467-7) were analyzed for chlorinated herbicides in accordance with EPA SW-846 Method 8151A. The samples were prepared on 06/10/2014 and 06/12/2014 and analyzed on 06/11/2014, 06/12/2014, 06/13/2014 and 06/14/2014.

The closing calibration verification (CCV) associated with batch 230019 recovered above the upper control limit for 2,4,5-T and Silvex (2,4,5-TP on the primary column. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. (CCV 460-230019/14).

The closing calibration verification (CCV) associated with batch 230306 recovered outside the control limit for multiple analytes on the primary column but within limit on the secondary column. The samples associated with this CCV were non-detects for the affected analytes and the results conform with the previous analysis; therefore, the data have been reported. (CCV 460-230306/31).

DCAA Surrogate recovery for this sample was outside the upper control limit on the secondary column HL2-SW3 (4-5) (460-77467-5). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Surrogate recovery for the following sample(s) was outside the upper control limit: EX3-B1 (15) (460-77553-5), EX3-SW2 (13-14) (460-77553-2), EX3-SW3 (13-14) (460-77553-3), EX3-SW4 (13-14) (460-77553-4). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Surrogate recoveries are outside the control limits. Samples associated with this method blank are non-detect. Data have been qualified and reported. (MB 460-230198/1-A)

DCAA Surrogate recoveries for the following samples were outside the upper control limit on the primary column EX3-B2 (8) (460-77553-6). These samples did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

2,4-Dichlorophenylacetic acid failed the surrogate recovery criteria high for HL2-SW3 (4-5) (460-77467-5), EX3-SW2 (13-14) (460-77553-2), EX3-SW3 (13-14) (460-77553-3), EX3-SW4 (13-14) (460-77553-4), EX3-B1 (15) (460-77553-5), EX3-B2 (8) (460-77553-6) and MB 460-230198/1-A.

Refer to the QC report for details.

No other difficulties were encountered during the herbicides analysis.

All other quality control parameters were within the acceptance limits.

METALS

Samples EX2-B1 (6) (460-77467-1), EX3-SW1 (13-14) (460-77553-1), EX2-B2 (6) (460-77467-2), EX3-SW2 (13-14) (460-77553-2), HL2-SW1 (4-5) (460-77467-3), EX3-SW3 (13-14) (460-77553-3), HL2-SW2 (4-5) (460-77467-4), EX3-SW4 (13-14) (460-77553-4), HL2-SW3 (4-5) (460-77467-5), EX3-B1 (15) (460-77553-5), HL2-SW4 (4-5) (460-77467-6), EX3-B2 (8) (460-77553-6) and HL2-B1 (6) (460-77467-7) were analyzed for Metals in accordance with EPA SW-846 6010C. The samples were prepared on 06/11/2014, 06/13/2014 and 06/14/2014 and analyzed on 06/11/2014, 06/13/2014 and 06/15/2014.

Zinc failed the recovery criteria low for the MS of sample EX2-B1 (6)MS (460-77467-1) in batch 460-230014.

Zinc failed the recovery criteria high for the MS of sample EX3-B2 (8)MS (460-77553-6) in batch 460-230764.

Refer to the QC report for details.

Samples EX2-B1 (6) (460-77467-1)[4X], EX3-SW1 (13-14) (460-77467-1)[4X], EX2-B2 (6) (460-77467-2)[4X], EX3-SW2 (13-14) (460-77467-2)[4X], HL2-SW1 (4-5) (460-77467-3)[4X], EX3-SW3 (13-14) (460-77467-3)[4X], HL2-SW2 (4-5) (460-77467-4)[4X], EX3-SW4 (13-14) (460-77467-4)[4X], HL2-SW3 (4-5) (460-77467-5)[4X], EX3-B1 (15) (460-77467-5)[4X], EX3-B2 (8) (460-77467-6) [10X], HL2-SW4 (4-5) (460-77467-6)[4X], EX3-B2 (8) (460-77467-6)[4X] and HL2-B1 (6) (460-77467-7)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the Metals analysis.

All other quality control parameters were within the acceptance limits.

HEXAVALENT CHROMIUM

Samples EX2-B1 (6) (460-77467-1), EX3-SW1 (13-14) (460-77553-1), EX2-B2 (6) (460-77467-2), EX3-SW2 (13-14) (460-77553-2), HL2-SW1 (4-5) (460-77467-3), EX3-SW3 (13-14) (460-77553-3), HL2-SW2 (4-5) (460-77467-4), EX3-SW4 (13-14) (460-77553-4), HL2-SW3 (4-5) (460-77467-5), EX3-B1 (15) (460-77553-5), HL2-SW4 (4-5) (460-77467-6), EX3-B2 (8) (460-77553-6) and HL2-B1 (6) (460-77467-7) were analyzed for hexavalent chromium in accordance with EPA SW-846 Method 7196A. The samples were prepared and analyzed on 06/17/2014.

No difficulties were encountered during the hexchrome Cr6 analysis.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples EX2-B1 (6) (460-77467-1), EX3-SW1 (13-14) (460-77553-1), EX2-B2 (6) (460-77467-2), EX3-SW2 (13-14) (460-77553-2), HL2-SW1 (4-5) (460-77467-3), EX3-SW3 (13-14) (460-77553-3), HL2-SW2 (4-5) (460-77467-4), EX3-SW4 (13-14) (460-77553-4), HL2-SW3 (4-5) (460-77467-5), EX3-B1 (15) (460-77553-5), HL2-SW4 (4-5) (460-77467-6), EX3-B2 (8) (460-77553-6) and HL2-B1 (6) (460-77467-7) were analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 06/11/2014, 06/12/2014 and 06/13/2014.

Mercury failed the recovery criteria high for the MS of sample EX3-SW2 (13-14)MS (460-77553-2) in batch 460-230206. The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the Hg analysis.

All other quality control parameters were within the acceptance limits.

TRIVALENT CHROMIUM

Samples EX2-B1 (6) (460-77467-1), EX3-SW1 (13-14) (460-77553-1), EX2-B2 (6) (460-77467-2), EX3-SW2 (13-14) (460-77553-2), HL2-SW1 (4-5) (460-77467-3), EX3-SW3 (13-14) (460-77553-3), HL2-SW2 (4-5) (460-77467-4), EX3-SW4 (13-14) (460-77553-4), HL2-SW3 (4-5) (460-77467-5), EX3-B1 (15) (460-77553-5), HL2-SW4 (4-5) (460-77467-6), EX3-B2 (8) (460-77553-6) and HL2-B1 (6) (460-77467-7) were analyzed for trivalent chromium in accordance with EPA SW-846 7196A_CR3 by Calculation. The samples were analyzed on 06/17/2014.

No difficulties were encountered during the cr3 analysis.

All quality control parameters were within the acceptance limits.

TOTAL CYANIDE

Samples EX2-B1 (6) (460-77467-1), EX3-SW1 (13-14) (460-77553-1), EX2-B2 (6) (460-77467-2), EX3-SW2 (13-14) (460-77553-2), HL2-SW1 (4-5) (460-77467-3), EX3-SW3 (13-14) (460-77553-3), HL2-SW2 (4-5) (460-77467-4), EX3-SW4 (13-14) (460-77553-4), HL2-SW3 (4-5) (460-77467-5), EX3-B1 (15) (460-77553-5), HL2-SW4 (4-5) (460-77467-6), EX3-B2 (8) (460-77553-6) and HL2-B1 (6) (460-77467-7) were analyzed for total cyanide in accordance with EPA SW-846 Method 9012B. The samples were prepared and analyzed on 06/17/2014.

No difficulties were encountered during the cyanide analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples EX2-B1 (6) (460-77467-1), EX3-SW1 (13-14) (460-77553-1), EX2-B2 (6) (460-77467-2), EX3-SW2 (13-14) (460-77553-2), HL2-SW1 (4-5) (460-77467-3), EX3-SW3 (13-14) (460-77553-3), HL2-SW2 (4-5) (460-77467-4), EX3-SW4 (13-14) (460-77553-4), HL2-SW3 (4-5) (460-77467-5), EX3-B1 (15) (460-77553-5), HL2-SW4 (4-5) (460-77467-6), EX3-B2 (8) (460-77553-6) and HL2-B1 (6) (460-77467-7) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D). The samples were analyzed on 06/10/2014 and 06/12/2014.

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

All quality control parameters were within the acceptance limits.

CASE NARRATIVE

Client: AKRF Inc

Project: Crestwood 300-308 Columbus

Report Number: 460-79914-1

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

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

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

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

RECEIPT

The sample was received on 7/24/2014 9:15 AM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.8° C.

Except:

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. The original COC received did not have tests marked for the sample. The client sent in a revised COC.

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

VOLATILE ORGANICS

Sample EG-1-2 (460-79914-1) was analyzed for Volatile organics in accordance with EPA SW-846 Methods 8260C. The samples were prepared on 07/24/2014 and analyzed on 07/29/2014.

The continuing calibration verification (CCV) associated with batch 239255 recovered outside control limit for 2-Butanone. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 460-239255/3).

Methylene Chloride was detected in method blank LB3 460-238372/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Refer to the QC report for details.

No other difficulties were encountered during the Volatile organics analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)

Sample EG-1-2 (460-79914-1) was analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 07/25/2014 and analyzed on 07/27/2014.

The continuing calibration verification (CCV) analyzed in batch 238844 was outside the method criteria for the following analyte(s): Benzo(b)fluoranthene. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Pentachlorophenol failed the recovery criteria low for the MS of sample 460-79877-1 in batch 460-238844. Chrysene, Fluoranthene and Fluorene failed the recovery criteria high.

Pentachlorophenol failed the recovery criteria low for the MSD of sample 460-79877-1 in batch 460-238844. Pentachlorophenol

exceeded the RPD limit.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

PESTICIDES

Sample EG-1-2 (460-79914-1) was analyzed for Pesticides in accordance with EPA SW-846 Methods 8081A. The samples were prepared and analyzed on 07/25/2014.

No difficulties were encountered during the Pesticides analysis.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS

Sample EG-1-2 (460-79914-1) was analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082. The samples were prepared on 07/25/2014 and analyzed on 07/26/2014.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

CHLORINATED HERBICIDES

Sample EG-1-2 (460-79914-1) was analyzed for chlorinated herbicides in accordance with EPA SW-846 Method 8151A. The samples were prepared on 07/24/2014 and analyzed on 07/27/2014.

DCAA Surrogate recoveries for the following samples were outside the upper control limit on the primary column ECM-CS (460-79877-1). These samples did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

DCAA Surrogate recoveries for the following samples were outside the upper control limit on the primary column EG-1-2 (460-79914-1). These samples did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

The closing calibration verification (CCV) associated with batch 238874 recovered above the upper control limit for 2,4,5-T, Silvex (2,4,5-TP) and 2,4-D on the primary column, but within limits on the secondary. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported: (CCV 460-238874/28).

2,4-Dichlorophenylacetic acid failed the surrogate recovery criteria high for EG-1-2 (460-79914-1)

Refer to the QC report for details.

No other difficulties were encountered during the herbicides analysis.

All other quality control parameters were within the acceptance limits.

METALS

Sample EG-1-2 (460-79914-1) was analyzed for Metals in accordance with EPA SW-846 6010C. The samples were prepared and analyzed on 07/25/2014.

Manganese failed the recovery criteria low for the MS of sample 460-79915-16 in batch 460-238728.

Refer to the QC report for details.

Sample EG-1-2 (460-79914-1)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the Metals analysis.

All other quality control parameters were within the acceptance limits.

HEXAVALENT CHROMIUM

Sample EG-1-2 (460-79914-1) was analyzed for hexavalent chromium in accordance with EPA SW-846 Method 7196A. The samples were prepared on 07/27/2014 and analyzed on 07/28/2014.

No difficulties were encountered during the hexchrome Cr6 analysis.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Sample EG-1-2 (460-79914-1) was analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared on 07/26/2014 and analyzed on 07/27/2014.

Mercury failed the recovery criteria high for the MS of sample 460-79754-1 in batch 460-238978.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the Hg analysis.

All other quality control parameters were within the acceptance limits.

TRIVALENT CHROMIUM

Sample EG-1-2 (460-79914-1) was analyzed for trivalent chromium in accordance with EPA SW-846 7196A_CR3 by Calculation. The samples were analyzed on 07/28/2014.

No difficulties were encountered during the cr3 analysis.

All quality control parameters were within the acceptance limits.

TOTAL CYANIDE

Sample EG-1-2 (460-79914-1) was analyzed for total cyanide in accordance with EPA SW-846 Method 9012B. The samples were prepared and analyzed on 07/30/2014.

No difficulties were encountered during the cyanide analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Sample EG-1-2 (460-79914-1) was analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D). The samples were analyzed on 07/24/2014.

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

All quality control parameters were within the acceptance limits.

CASE NARRATIVE

Client: AKRF Inc

Project: Crestwood 300-308 Columbus

Report Number: 460-80592-1

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

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

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

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

RECEIPT

The sample was received on 8/6/2014 9:00 AM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.1° C.

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

VOLATILE ORGANICS

Sample EG-4-2 (460-80592-1) was analyzed for Volatile organics in accordance with EPA SW-846 Methods 8260C. The samples were prepared on 08/06/2014 and analyzed on 08/08/2014.

Acetone was detected in method blank MB 460-241459/8 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Methylene Chloride was detected in method blank MB 460-241459/8 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Refer to the QC report for details.

No other difficulties were encountered during the Volatile organics analysis.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)

Sample EG-4-2 (460-80592-1) was analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 08/06/2014 and analyzed on 08/08/2014.

No difficulties were encountered during the semivolatiles analysis.

All quality control parameters were within the acceptance limits.

PESTICIDES

Sample EG-4-2 (460-80592-1) was analyzed for Pesticides in accordance with EPA SW-846 Methods 8081A. The samples were prepared on 08/11/2014 and analyzed on 08/12/2014.

DCB surrogate recovery for this sample was outside control limits and was confirmed by matrix spike (MS) and matrix spike duplicate (MSD). Data has been reported. 60-LOT 119-S001 (460-80802-1), 60-LOT 119-S001 (460-80802-1 MS), 60-LOT 119-S001 (460-80802-1 MSD)

DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-80802-A-1-D MS. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-80802-A-1-E MSD. Refer to the QC report for details.

alpha-Chlordane and Endrin aldehyde failed the recovery criteria low for the MS of sample 460-80802-1 in batch 460-242057.

alpha-Chlordane and Endrin aldehyde failed the recovery criteria low for the MSD of sample 460-80802-1 in batch 460-242057. Endrin aldehyde exceeded the RPD limit.

Refer to the QC report for details.

No other difficulties were encountered during the Pesticides analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS

Sample EG-4-2 (460-80592-1) was analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082. The samples were prepared on 08/07/2014 and analyzed on 08/08/2014.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

CHLORINATED HERBICIDES

Sample EG-4-2 (460-80592-1) was analyzed for chlorinated herbicides in accordance with EPA SW-846 Method 8151A. The samples were prepared on 08/06/2014 and analyzed on 08/07/2014.

The surrogate recovery for the blank associated with batch 240988 was outside the upper control limits on the primary column. All associated samples were non detected; therefore, the data have been reported.

The surrogate recovery for the LCS associated with batch 240988 was outside the upper control limits on the primary column. All associated samples were non detected; therefore, the data have been reported.

The surrogate recovery for the MS and MSD associated with batch 240988 was outside the upper control limits on the primary column. All associated samples were non detected; therefore, the data have been reported.

2,4-Dichlorophenylacetic acid failed the surrogate recovery criteria high for MB 460-240988/1-A, LCS 460-240988/2-A, 460-80547-A-1-D MS and 460-80547-A-1-E MSD.

Refer to the QC report for details.

No other difficulties were encountered during the herbicides analysis.

All other quality control parameters were within the acceptance limits.

METALS

Sample EG-4-2 (460-80592-1) was analyzed for Metals in accordance with EPA SW-846 6010C. The samples were prepared on 08/07/2014 and analyzed on 08/08/2014.

Sample EG-4-2 (460-80592-1)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the Metals analysis.

All other quality control parameters were within the acceptance limits.

HEXAVALENT CHROMIUM

Sample EG-4-2 (460-80592-1) was analyzed for hexavalent chromium in accordance with EPA SW-846 Method 7196A. The samples were prepared on 08/12/2014 and analyzed on 08/13/2014.

No difficulties were encountered during the hexchrome Cr6 analysis.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Sample EG-4-2 (460-80592-1) was analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 08/10/2014.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

TRIVALENT CHROMIUM

Sample EG-4-2 (460-80592-1) was analyzed for trivalent chromium in accordance with EPA SW-846 7196A_CR3 by Calculation. The samples were analyzed on 08/13/2014.

No difficulties were encountered during the cr3 analysis.

All quality control parameters were within the acceptance limits.

TOTAL CYANIDE

Sample EG-4-2 (460-80592-1) was analyzed for total cyanide in accordance with EPA SW-846 Method 9012B. The samples were prepared and analyzed on 08/12/2014.

No difficulties were encountered during the cyanide analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Sample EG-4-2 (460-80592-1) was analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D). The samples were analyzed on 08/06/2014.

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

All quality control parameters were within the acceptance limits.

PART 2
Appendix C
Data Summary Form I's
With Qualifications

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-25628-1
 SDG No.: _____
 Client Sample ID: EX 4-1 (10') Lab Sample ID: 200-25628-1
 Matrix: Solid Lab File ID: NIUK12.D
 Analysis Method: 8260C Date Collected: 11/25/2014 14:00
 Sample wt/vol: 4.112(g) Date Analyzed: 11/26/2014 15:40
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
 % Moisture: 22.8 Level: (low/med) Low
 Analysis Batch No.: 81257 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	7.9	8 U	7.9	1.0
75-35-4	1,1-Dichloroethene	7.9	U	7.9	0.44
67-64-1	Acetone	7.9	U	7.9	6.5
75-09-2	Methylene Chloride	7.9	1.9 U	7.9	0.88
156-60-5	trans-1,2-Dichloroethene	7.9	U	7.9	0.13
1634-04-4	Methyl tert-butyl ether	7.9	U	7.9	0.54
541-73-1	1,3-Dichlorobenzene	7.9	U	7.9	0.17
75-34-3	1,1-Dichloroethane	7.9	U	7.9	0.71
156-59-2	cis-1,2-Dichloroethene	7.9	U	7.9	0.68
78-93-3	2-Butanone (MEK)	7.9	U	7.9	3.5
67-66-3	Chloroform	7.9	U	7.9	0.69
71-55-6	1,1,1-Trichloroethane	7.9	U	7.9	0.49
56-23-5	Carbon tetrachloride	7.9	U	7.9	0.085
71-43-2	Benzene	7.9	U	7.9	0.68
107-06-2	1,2-Dichloroethane	7.9	U	7.9	1.4
79-01-6	Trichloroethene	7.9	U	7.9	0.90
123-91-1	1,4-Dioxane	160	U	160	22
108-88-3	Toluene	7.9	U	7.9	0.30
127-18-4	Tetrachloroethene	7.9	U	7.9	0.46
108-90-7	Chlorobenzene	7.9	U	7.9	0.17
100-41-4	Ethylbenzene	7.9	U	7.9	0.11
1330-20-7	Xylenes, Total	16	U	16	0.083
103-65-1	N-Propylbenzene	7.9	U	7.9	0.49
108-67-8	1,3,5-Trimethylbenzene	7.9	U	7.9	0.35
98-06-6	tert-Butylbenzene	7.9	U	7.9	0.39
95-63-6	1,2,4-Trimethylbenzene	1.7	J	7.9	0.19
135-98-8	sec-Butylbenzene	7.9	U	7.9	0.17
106-46-7	1,4-Dichlorobenzene	7.9	U	7.9	0.60
95-50-1	1,2-Dichlorobenzene	7.9	U	7.9	0.20
104-51-8	n-Butylbenzene	7.9	U	7.9	0.41

for 12/11/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-25628-1
 SDG No.: _____
 Client Sample ID: EX 4-2 (10') Lab Sample ID: 200-25628-2
 Matrix: Solid Lab File ID: NIUK13.D
 Analysis Method: 8260C Date Collected: 11/25/2014 14:05
 Sample wt/vol: 4.461(g) Date Analyzed: 11/26/2014 16:12
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53 (mm)
 % Moisture: 22.0 Level: (low/med) Low
 Analysis Batch No.: 81257 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	7.2	7.2 <i>U</i>	7.2	0.95
75-35-4	1,1-Dichloroethene	7.2	U	7.2	0.40
67-64-1	Acetone	7.2	U	7.2	5.9
75-09-2	Methylene Chloride	<i>7.2</i> 2.1	U <i>B U</i>	7.2	0.80
156-60-5	trans-1,2-Dichloroethene	7.2	U	7.2	0.12
1634-04-4	Methyl tert-butyl ether	7.2	U	7.2	0.49
541-73-1	1,3-Dichlorobenzene	7.2	U	7.2	0.16
75-34-3	1,1-Dichloroethane	7.2	U	7.2	0.65
156-59-2	cis-1,2-Dichloroethene	7.2	U	7.2	0.62
78-93-3	2-Butanone (MEK)	7.2	U	7.2	3.2
67-66-3	Chloroform	7.2	U	7.2	0.63
71-55-6	1,1,1-Trichloroethane	7.2	U	7.2	0.45
56-23-5	Carbon tetrachloride	7.2	U	7.2	0.078
71-43-2	Benzene	7.2	U	7.2	0.62
107-06-2	1,2-Dichloroethane	7.2	U	7.2	1.3
79-01-6	Trichloroethene	7.2	U	7.2	0.82
123-91-1	1,4-Dioxane	140	U	140	20
108-88-3	Toluene	7.2	U	7.2	0.27
127-18-4	Tetrachloroethene	7.2	U	7.2	0.42
108-90-7	Chlorobenzene	7.2	U	7.2	0.16
100-41-4	Ethylbenzene	7.2	U	7.2	0.098
1330-20-7	Xylenes, Total	14	U	14	0.076
103-65-1	N-Propylbenzene	7.2	U	7.2	0.45
108-67-8	1,3,5-Trimethylbenzene	7.2	U	7.2	0.32
98-06-6	tert-Butylbenzene	7.2	U	7.2	0.36
95-63-6	1,2,4-Trimethylbenzene	0.28	J	7.2	0.17
135-98-8	sec-Butylbenzene	7.2	U	7.2	0.16
106-46-7	1,4-Dichlorobenzene	7.2	U	7.2	0.55
95-50-1	1,2-Dichlorobenzene	7.2	U	7.2	0.19
104-51-8	n-Butylbenzene	7.2	U	7.2	0.37

John 12/1/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington

Job No.: 200-25628-1

SDG No.: _____

Client Sample ID: EX 4-3 (6')

Lab Sample ID: 200-25628-3

Matrix: Solid

Lab File ID: NIUK14.D

Analysis Method: 8260C

Date Collected: 11/25/2014 14:10

Sample wt/vol: 3.986(g)

Date Analyzed: 11/26/2014 16:42

Soil Aliquot Vol: _____

Dilution Factor: 1

Soil Extract Vol.: _____

GC Column: DB-624 ID: 0.53 (mm)

% Moisture: 23.2

Level: (low/med) Low

Analysis Batch No.: 81257

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	8.2	U UT	8.2	1.1
75-35-4	1,1-Dichloroethene	8.2	U	8.2	0.46
67-64-1	Acetone	8.2	U	8.2	6.7
75-09-2	Methylene Chloride	F.2 2.0 UB U		8.2	0.92
156-60-5	trans-1,2-Dichloroethene	8.2	U	8.2	0.14
1634-04-4	Methyl tert-butyl ether	8.2	U	8.2	0.56
541-73-1	1,3-Dichlorobenzene	8.2	U	8.2	0.18
75-34-3	1,1-Dichloroethane	8.2	U	8.2	0.74
156-59-2	cis-1,2-Dichloroethene	8.2	U	8.2	0.70
78-93-3	2-Butanone (MEK)	8.2	U	8.2	3.6
67-66-3	Chloroform	8.2	U	8.2	0.72
71-55-6	1,1,1-Trichloroethane	8.2	U	8.2	0.51
56-23-5	Carbon tetrachloride	8.2	U	8.2	0.088
71-43-2	Benzene	8.2	U	8.2	0.70
107-06-2	1,2-Dichloroethane	8.2	U	8.2	1.4
79-01-6	Trichloroethene	8.2	U	8.2	0.93
123-91-1	1,4-Dioxane	160	U	160	23
108-88-3	Toluene	8.2	U	8.2	0.31
127-18-4	Tetrachloroethene	8.2	U	8.2	0.47
108-90-7	Chlorobenzene	8.2	U	8.2	0.18
100-41-4	Ethylbenzene	8.2	U	8.2	0.11
1330-20-7	Xylenes, Total	16	U	16	0.087
103-65-1	N-Propylbenzene	8.2	U	8.2	0.51
108-67-8	1,3,5-Trimethylbenzene	8.2	U	8.2	0.36
98-06-6	tert-Butylbenzene	8.2	U	8.2	0.41
95-63-6	1,2,4-Trimethylbenzene	8.2	U	8.2	0.20
135-98-8	sec-Butylbenzene	8.2	U	8.2	0.18
106-46-7	1,4-Dichlorobenzene	8.2	U	8.2	0.62
95-50-1	1,2-Dichlorobenzene	8.2	U	8.2	0.21
104-51-8	n-Butylbenzene	8.2	U	8.2	0.42

Handwritten signature and date: 12/1/15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 200-25628-1

SDG No.: _____

Client Sample ID: EX 4-1 (10')

Lab Sample ID: 200-25628-1

Matrix: Solid

Lab File ID: x7513.D

Analysis Method: 8270D

Date Collected: 11/25/2014 14:00

Extract. Method: 3546

Date Extracted: 12/01/2014 10:33

Sample wt/vol: 15.0361(g)

Date Analyzed: 12/02/2014 11:39

Con. Extract Vol.: 1(mL)

Dilution Factor: 1

Injection Volume: 1(uL)

Level: (low/med) Low

% Moisture: 22.8

GPC Cleanup: (Y/N) N

Analysis Batch No.: 266375

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	430	U	430	19
15831-10-4	3 & 4 Methylphenol	430	U UJ	430	11
83-32-9	Acenaphthene	430	U UJ	430	10
208-96-8	Acenaphthylene	430	U	430	11
120-12-7	Anthracene	430	U	430	41
56-55-3	Benzo[a]anthracene	43	U	43	36
50-32-8	Benzo[a]pyrene	43	U UJ	43	13
205-99-2	Benzo[b]fluoranthene	43	U UJ	43	17
191-24-2	Benzo[g,h,i]perylene	430	U	430	25
207-08-9	Benzo[k]fluoranthene	43	U	43	19
218-01-9	Chrysene	430	U	430	12
53-70-3	Dibenz(a,h)anthracene	43	U	43	22
132-64-9	Dibenzofuran	430	U	430	13
206-44-0	Fluoranthene	430	U	430	13
86-73-7	Fluorene	430	U	430	9.3
118-74-1	Hexachlorobenzene	43	U	43	17
193-39-5	Indeno[1,2,3-cd]pyrene	43	U	43	28
91-20-3	Naphthalene	430	U	430	11
87-86-5	Pentachlorophenol	340	U	340	52
85-01-8	Phenanthrene	430	U	430	11
108-95-2	Phenol	430	U	430	14
129-00-0	Pyrene	430	U	430	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	41		10-120
321-60-8	2-Fluorobiphenyl	51		40-109
367-12-4	2-Fluorophenol (Surr)	48		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	56		38-105
4165-62-2	Phenol-d5 (Surr)	53		41-118
1718-51-0	Terphenyl-d14 (Surr)	65		16-151

Lab 12/11/15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 200-25628-1

SDG No.: _____

Client Sample ID: EX 4-2 (10')

Lab Sample ID: 200-25628-2

Matrix: Solid

Lab File ID: x7515.D

Analysis Method: 8270D

Date Collected: 11/25/2014 14:05

Extract. Method: 3546

Date Extracted: 12/01/2014 10:33

Sample wt/vol: 15.0258(g)

Date Analyzed: 12/02/2014 12:24

Con. Extract Vol.: 1(mL)

Dilution Factor: 1

Injection Volume: 1(uL)

Level: (low/med) Low

% Moisture: 22.0

GPC Cleanup: (Y/N) N

Analysis Batch No.: 266375

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	420	U	420	18
15831-10-4	3 & 4 Methylphenol	420	U	420	11
83-32-9	Acenaphthene	420	U	420	10
208-96-8	Acenaphthylene	420	U	420	11
120-12-7	Anthracene	420	U	420	40
56-55-3	Benzo[a]anthracene	42	U	42	35
50-32-8	Benzo[a]pyrene	42	U	42	13
205-99-2	Benzo[b]fluoranthene	42	U	42	17
191-24-2	Benzo[g,h,i]perylene	420	U	420	24
207-08-9	Benzo[k]fluoranthene	42	U	42	18
218-01-9	Chrysene	420	U	420	12
53-70-3	Dibenz(a,h)anthracene	42	U	42	22
132-64-9	Dibenzofuran	420	U	420	13
206-44-0	Fluoranthene	420	U	420	13
86-73-7	Fluorene	420	U	420	9.2
118-74-1	Hexachlorobenzene	42	U	42	17
193-39-5	Indeno[1,2,3-cd]pyrene	42	U	42	28
91-20-3	Naphthalene	420	U	420	11
87-86-5	Pentachlorophenol	340	U	340	51
85-01-8	Phenanthrene	420	U	420	11
108-95-2	Phenol	420	U	420	14
129-00-0	Pyrene	420	U	420	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	33		10-120
321-60-8	2-Fluorobiphenyl	61		40-109
367-12-4	2-Fluorophenol (Surr)	52		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	66		38-105
4165-62-2	Phenol-d5 (Surr)	61		41-118
1718-51-0	Terphenyl-d14 (Surr)	72		16-151

Sam
12/11/15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 200-25628-1

SDG No.: _____

Client Sample ID: EX 4-3 (6')

Lab Sample ID: 200-25628-3

Matrix: Solid

Lab File ID: x7514.D

Analysis Method: 8270D

Date Collected: 11/25/2014 14:10

Extract. Method: 3546

Date Extracted: 12/01/2014 10:33

Sample wt/vol: 15.0481(g)

Date Analyzed: 12/02/2014 12:01

Con. Extract Vol.: 1(mL)

Dilution Factor: 1

Injection Volume: 1(uL)

Level: (low/med) Low

% Moisture: 23.2

GPC Cleanup: (Y/N) N

Analysis Batch No.: 266375

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	430	U	430	19
15831-10-4	3 & 4 Methylphenol	430	U <i>UJ</i>	430	11
83-32-9	Acenaphthene	430	U <i>UJ</i>	430	10
208-96-8	Acenaphthylene	430	U	430	11
120-12-7	Anthracene	430	U	430	41
56-55-3	Benzo[a]anthracene	43	U	43	36
50-32-8	Benzo[a]pyrene	43	U <i>U</i>	43	13
205-99-2	Benzo[b]fluoranthene	43	U <i>U</i>	43	17
191-24-2	Benzo[g,h,i]perylene	430	U	430	25
207-08-9	Benzo[k]fluoranthene	43	U	43	19
218-01-9	Chrysene	430	U	430	12
53-70-3	Dibenz(a,h)anthracene	43	U	43	22
132-64-9	Dibenzofuran	430	U	430	13
206-44-0	Fluoranthene	430	U	430	13
86-73-7	Fluorene	430	U	430	9.4
118-74-1	Hexachlorobenzene	43	U	43	17
193-39-5	Indeno[1,2,3-cd]pyrene	43	U	43	29
91-20-3	Naphthalene	430	U	430	11
87-86-5	Pentachlorophenol	350	U	350	52
85-01-8	Phenanthrene	430	U	430	11
108-95-2	Phenol	430	U	430	14
129-00-0	Pyrene	430	U	430	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	50		10-120
321-60-8	2-Fluorobiphenyl	60		40-109
367-12-4	2-Fluorophenol (Surr)	58		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	65		38-105
4165-62-2	Phenol-d5 (Surr)	63		41-118
1718-51-0	Terphenyl-d14 (Surr)	69		16-151

SAK
12/1/15

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 200-25628-1

SDG No.: _____

Client Sample ID: EX 4-1 (10')

Lab Sample ID: 200-25628-1

Matrix: Solid

Lab File ID: P4009357.D

Analysis Method: 8081B

Date Collected: 11/25/2014 14:00

Extraction Method: 3546

Date Extracted: 12/01/2014 11:04

Sample wt/vol: 15.0417(g)

Date Analyzed: 12/02/2014 15:00

Con. Extract Vol.: 10(mL)

Dilution Factor: 1

Injection Volume: 1(uL)

GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 22.8

GPC Cleanup: (Y/N) N

Analysis Batch No.: 266561

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	8.7	U	8.7	1.7
72-55-9	4,4'-DDE	8.7	U	8.7	1.7
50-29-3	4,4'-DDT	8.7	U	8.7	2.1
309-00-2	Aldrin	8.7	U	8.7	1.8
319-84-6	alpha-BHC	2.6	U	2.6	1.9
319-85-7	beta-BHC	2.6	U	2.6	2.1
57-74-9	Chlordane (technical)	87	U	87	25
319-86-8	delta-BHC	2.6	U	2.6	1.6
60-57-1	Dieldrin	2.6	U	2.6	1.6
959-98-8	Endosulfan I	8.7	U	8.7	1.9
33213-65-9	Endosulfan II	8.7	U	8.7	1.7
1031-07-8	Endosulfan sulfate	8.7	U	8.7	1.7
72-20-8	Endrin	8.7	U	8.7	2.1
7421-93-4	Endrin aldehyde	8.7	U	8.7	1.3
53494-70-5	Endrin ketone	8.7	U	8.7	1.7
58-89-9	gamma-BHC (Lindane)	2.6	U	2.6	1.6
76-44-8	Heptachlor	8.7	U	8.7	2.1
1024-57-3	Heptachlor epoxide	8.7	U	8.7	1.9
72-43-5	Methoxychlor	8.7	U	8.7	2.1
8001-35-2	Toxaphene	87	U	87	23
5103-71-9	alpha-Chlordane	8.7	U	8.7	1.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	86		76-149
877-09-8	Tetrachloro-m-xylene	73		72-136

Jan 12/11/15

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>200-25628-1</u>
SDG No.: _____	
Client Sample ID: <u>EX 4-2 (10')</u>	Lab Sample ID: <u>200-25628-2</u>
Matrix: <u>Solid</u>	Lab File ID: <u>P4009358.D</u>
Analysis Method: <u>8081B</u>	Date Collected: <u>11/25/2014 14:05</u>
Extraction Method: <u>3546</u>	Date Extracted: <u>12/01/2014 11:04</u>
Sample wt/vol: <u>15.0123(g)</u>	Date Analyzed: <u>12/02/2014 15:12</u>
Con. Extract Vol.: <u>10 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	GC Column: <u>CLP-1</u> ID: <u>0.53 (mm)</u>
% Moisture: <u>22.0</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>266561</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	8.6	U	8.6	1.7
72-55-9	4,4'-DDE	8.6	U	8.6	1.7
50-29-3	4,4'-DDT	8.6	U	8.6	2.0
309-00-2	Aldrin	8.6	U	8.6	1.8
319-84-6	alpha-BHC	2.6	U	2.6	1.9
319-85-7	beta-BHC	2.6	U	2.6	2.0
57-74-9	Chlordane (technical)	86	U	86	24
319-86-8	delta-BHC	2.6	U	2.6	1.5
60-57-1	Dieldrin	2.6	U	2.6	1.5
959-98-8	Endosulfan I	8.6	U	8.6	1.9
33213-65-9	Endosulfan II	8.6	U	8.6	1.7
1031-07-8	Endosulfan sulfate	8.6	U	8.6	1.7
72-20-8	Endrin	8.6	U	8.6	2.0
7421-93-4	Endrin aldehyde	8.6	U	8.6	1.3
53494-70-5	Endrin ketone	8.6	U	8.6	1.7
58-89-9	gamma-BHC (Lindane)	2.6	U	2.6	1.5
76-44-8	Heptachlor	8.6	U	8.6	2.0
1024-57-3	Heptachlor epoxide	8.6	U	8.6	1.9
72-43-5	Methoxychlor	8.6	U	8.6	2.0
8001-35-2	Toxaphene	86	U	86	23
5103-71-9	alpha-Chlordane	8.6	U	8.6	1.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	86		76-149
877-09-8	Tetrachloro-m-xylene	75		72-136

8081B 12/11/15

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 200-25628-1

SDG No.: _____

Client Sample ID: EX 4-3 (6')

Lab Sample ID: 200-25628-3

Matrix: Solid

Lab File ID: P4009359.D

Analysis Method: 8081B

Date Collected: 11/25/2014 14:10

Extraction Method: 3546

Date Extracted: 12/01/2014 11:04

Sample wt/vol: 15.0272(g)

Date Analyzed: 12/02/2014 15:24

Con. Extract Vol.: 10(mL)

Dilution Factor: 1

Injection Volume: 1(uL)

GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 23.2

GPC Cleanup: (Y/N) N

Analysis Batch No.: 266561

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	8.7	U	8.7	1.7
72-55-9	4,4'-DDE	8.7	U	8.7	1.7
50-29-3	4,4'-DDT	8.7	U	8.7	2.1
309-00-2	Aldrin	8.7	U	8.7	1.8
319-84-6	alpha-BHC	2.6	U	2.6	2.0
319-85-7	beta-BHC	2.6	U	2.6	2.1
57-74-9	Chlordane (technical)	87	U	87	25
319-86-8	delta-BHC	2.6	U	2.6	1.6
60-57-1	Dieldrin	2.6	U	2.6	1.6
959-98-8	Endosulfan I	8.7	U	8.7	2.0
33213-65-9	Endosulfan II	8.7	U	8.7	1.7
1031-07-8	Endosulfan sulfate	8.7	U	8.7	1.7
72-20-8	Endrin	8.7	U	8.7	2.1
7421-93-4	Endrin aldehyde	8.7	U	8.7	1.3
53494-70-5	Endrin ketone	8.7	U	8.7	1.7
58-89-9	gamma-BHC (Lindane)	2.6	U	2.6	1.6
76-44-8	Heptachlor	8.7	U	8.7	2.1
1024-57-3	Heptachlor epoxide	8.7	U	8.7	2.0
72-43-5	Methoxychlor	8.7	U	8.7	2.1
8001-35-2	Toxaphene	87	U	87	23
5103-71-9	alpha-Chlordane	8.7	U	8.7	1.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	89		76-149
877-09-8	Tetrachloro-m-xylene	74		72-136

for 12/11/15

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>200-25628-1</u>
SDG No.: _____	
Client Sample ID: <u>EX 4-1 (10')</u>	Lab Sample ID: <u>200-25628-1</u>
Matrix: <u>Solid</u>	Lab File ID: <u>OR224736.D</u>
Analysis Method: <u>8082A</u>	Date Collected: <u>11/25/2014 14:00</u>
Extraction Method: <u>3546</u>	Date Extracted: <u>12/01/2014 11:06</u>
Sample wt/vol: <u>15.0417(g)</u>	Date Analyzed: <u>12/02/2014 08:58</u>
Con. Extract Vol.: <u>10(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	GC Column: <u>CLP-1</u> ID: <u>0.53(mm)</u>
% Moisture: <u>22.8</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>266445</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	87	U	87	19
11104-28-2	Aroclor 1221	87	U	87	19
11141-16-5	Aroclor 1232	87	U	87	19
53469-21-9	Aroclor 1242	87	U	87	19
12672-29-6	Aroclor 1248	87	U	87	19
11097-69-1	Aroclor 1254	87	U	87	25
11096-82-5	Aroclor 1260	87	U	87	25
37324-23-5	Aroclor-1262	87	U	87	25
11100-14-4	Aroclor 1268	87	U	87	25
1336-36-3	Polychlorinated biphenyls, Total	87	U	87	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		53-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 200-25628-1
 SDG No.: _____
 Client Sample ID: EX 4-2 (10') Lab Sample ID: 200-25628-2
 Matrix: Solid Lab File ID: OR224737.D
 Analysis Method: 8082A Date Collected: 11/25/2014 14:05
 Extraction Method: 3546 Date Extracted: 12/01/2014 11:06
 Sample wt/vol: 15.0123(g) Date Analyzed: 12/02/2014 09:14
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: 22.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 266445 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	86	U	86	19
11104-28-2	Aroclor 1221	86	U	86	19
11141-16-5	Aroclor 1232	86	U	86	19
53469-21-9	Aroclor 1242	86	U	86	19
12672-29-6	Aroclor 1248	86	U	86	19
11097-69-1	Aroclor 1254	86	U	86	24
11096-82-5	Aroclor 1260	86	U	86	24
37324-23-5	Aroclor-1262	86	U	86	24
11100-14-4	Aroclor 1268	86	U	86	24
1336-36-3	Polychlorinated biphenyls, Total	86	U	86	24

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		53-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>200-25628-1</u>
SDG No.: _____	
Client Sample ID: <u>EX 4-3 (6')</u>	Lab Sample ID: <u>200-25628-3</u>
Matrix: <u>Solid</u>	Lab File ID: <u>OR224732.D</u>
Analysis Method: <u>8082A</u>	Date Collected: <u>11/25/2014 14:10</u>
Extraction Method: <u>3546</u>	Date Extracted: <u>12/01/2014 11:06</u>
Sample wt/vol: <u>15.0272(g)</u>	Date Analyzed: <u>12/02/2014 07:52</u>
Con. Extract Vol.: <u>10(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	GC Column: <u>CLP-1</u> ID: <u>0.53(mm)</u>
% Moisture: <u>23.2</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>266445</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	87	U	87	20
11104-28-2	Aroclor 1221	87	U	87	20
11141-16-5	Aroclor 1232	87	U	87	20
53469-21-9	Aroclor 1242	87	U	87	20
12672-29-6	Aroclor 1248	87	U	87	20
11097-69-1	Aroclor 1254	87	U	87	25
11096-82-5	Aroclor 1260	87	U	87	25
37324-23-5	Aroclor-1262	87	U	87	25
11100-14-4	Aroclor 1268	87	U	87	25
1336-36-3	Polychlorinated biphenyls, Total	87	U	87	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	107		53-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 200-25628-1
SDG No.: _____
Client Sample ID: EX 4-1 (10') Lab Sample ID: 200-25628-1
Matrix: Solid Lab File ID: ZR129299.D
Analysis Method: 8151A Date Collected: 11/25/2014 14:00
Extraction Method: 8151A Date Extracted: 12/01/2014 11:46
Sample wt/vol: 30.0213(g) Date Analyzed: 12/03/2014 16:33
Con. Extract Vol.: 10 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: DB-5 ID: 0.53 (mm)
% Moisture: 22.8 GPC Cleanup: (Y/N) N
Analysis Batch No.: 266829 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	22	U	22	2.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	373	*	69-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 200-25628-1
SDG No.: _____
Client Sample ID: EX 4-2 (10') Lab Sample ID: 200-25628-2
Matrix: Solid Lab File ID: ZR129300.D
Analysis Method: 8151A Date Collected: 11/25/2014 14:05
Extraction Method: 8151A Date Extracted: 12/01/2014 11:46
Sample wt/vol: 30.0143(g) Date Analyzed: 12/03/2014 16:55
Con. Extract Vol.: 10 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: DB-5 ID: 0.53 (mm)
% Moisture: 22.0 GPC Cleanup: (Y/N) N
Analysis Batch No.: 266829 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	22	U	22	2.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	105		69-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 200-25628-1
SDG No.: _____
Client Sample ID: EX 4-3 (6') Lab Sample ID: 200-25628-3
Matrix: Solid Lab File ID: ZR129301.D
Analysis Method: 8151A Date Collected: 11/25/2014 14:10
Extraction Method: 8151A Date Extracted: 12/01/2014 11:46
Sample wt/vol: 30.0233(g) Date Analyzed: 12/03/2014 17:16
Con. Extract Vol.: 10 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: DB-5 ID: 0.53 (mm)
% Moisture: 23.2 GPC Cleanup: (Y/N) N
Analysis Batch No.: 266829 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	22	U	22	2.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	146		69-150

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EX 4-1 (10')

Lab Sample ID: 200-25628-1

Lab Name: TestAmerica Edison

Job No.: 200-25628-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/25/2014 14:00

Reporting Basis: DRY

Date Received: 11/26/2014 10:20

% Solids: 77.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.5	2.5	0.49	mg/Kg	U		4	6010C
7440-38-2	Arsenic	1.2	3.8	1.0	mg/Kg	J		4	6010C
7440-39-3	Barium	38.1	50.8	2.2	mg/Kg	J		4	6010C
7440-41-7	Beryllium	0.40	0.51	0.35	mg/Kg	J		4	6010C
7440-43-9	Cadmium	1.0	1.0	0.36	mg/Kg	U		4	6010C
7440-47-3	Chromium	11.2	2.5	1.0	mg/Kg			4	6010C
7440-50-8	Copper	10.2	6.3	2.2	mg/Kg			4	6010C
7439-96-5	Manganese	171	3.8	1.1	mg/Kg			4	6010C
7440-02-0	Nickel	7.0	10.2	2.3	mg/Kg	J		4	6010C
7439-92-1	Lead	2.3	2.5	1.0	mg/Kg	J		4	6010C
7782-49-2	Selenium	5.1	5.1	1.4	mg/Kg	U		4	6010C
7440-66-6	Zinc	30.4	7.6	2.2	mg/Kg			4	6010C
7439-97-6	Mercury	0.022	0.022	0.016	mg/Kg	U		1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EX 4-2 (10')

Lab Sample ID: 200-25628-2

Lab Name: TestAmerica Edison

Job No.: 200-25628-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/25/2014 14:05

Reporting Basis: DRY

Date Received: 11/26/2014 10:20

% Solids: 78.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.3	2.3	0.45	mg/Kg	U		4	6010C
7440-38-2	Arsenic	1.5	3.5	0.95	mg/Kg	J		4	6010C
7440-39-3	Barium	26.2	46.6	2.0	mg/Kg	J		4	6010C
7440-41-7	Beryllium	0.34	0.47	0.32	mg/Kg	J		4	6010C
7440-43-9	Cadmium	0.93	0.93	0.33	mg/Kg	U		4	6010C
7440-47-3	Chromium	9.0	2.3	0.93	mg/Kg			4	6010C
7440-50-8	Copper	8.1	5.8	2.1	mg/Kg			4	6010C
7439-96-5	Manganese	210	3.5	1.0	mg/Kg			4	6010C
7440-02-0	Nickel	6.3	9.3	2.1	mg/Kg	J		4	6010C
7439-92-1	Lead	2.6	2.3	0.96	mg/Kg			4	6010C
7782-49-2	Selenium	4.7	4.7	1.3	mg/Kg	U		4	6010C
7440-66-6	Zinc	22.8	7.0	2.0	mg/Kg			4	6010C
7439-97-6	Mercury	0.022	0.022	0.015	mg/Kg	U		1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EX 4-3 (6')

Lab Sample ID: 200-25628-3

Lab Name: TestAmerica Edison

Job No.: 200-25628-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/25/2014 14:10

Reporting Basis: DRY

Date Received: 11/26/2014 10:20

% Solids: 76.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.3	2.3	0.45	mg/Kg	U		4	6010C
7440-38-2	Arsenic	1.1	3.5	0.95	mg/Kg	J		4	6010C
7440-39-3	Barium	24.9	46.5	2.0	mg/Kg	J		4	6010C
7440-41-7	Beryllium	0.33	0.47	0.32	mg/Kg	J		4	6010C
7440-43-9	Cadmium	0.93	0.93	0.33	mg/Kg	U		4	6010C
7440-47-3	Chromium	6.8	2.3	0.93	mg/Kg			4	6010C
7440-50-8	Copper	8.0	5.8	2.0	mg/Kg			4	6010C
7439-96-5	Manganese	131	3.5	1.0	mg/Kg			4	6010C
7440-02-0	Nickel	6.2	9.3	2.1	mg/Kg	J		4	6010C
7439-92-1	Lead	2.1	2.3	0.96	mg/Kg	J		4	6010C
7782-49-2	Selenium	4.7	4.7	1.3	mg/Kg	U		4	6010C
7440-66-6	Zinc	21.0	7.0	2.0	mg/Kg			4	6010C
7439-97-6	Mercury	0.022	0.022	0.015	mg/Kg	U		1	7471B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX 4-1 (10')

Lab Sample ID: 200-25628-1

Lab Name: TestAmerica Edison

Job No.: 200-25628-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/25/2014 14:00

Reporting Basis: DRY

Date Received: 11/26/2014 10:20

% Solids: 77.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.13	0.13	0.071	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	2.6	2.6	0.63	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX 4-1 (10') Lab Sample ID: 200-25628-1
Lab Name: TestAmerica Edison Job No.: 200-25628-1
SDG ID.:
Matrix: Solid Date Sampled: 11/25/2014 14:00
Reporting Basis: WET Date Received: 11/26/2014 10:20

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	11.2	2.0		mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX 4-2 (10')

Lab Sample ID: 200-25628-2

Lab Name: TestAmerica Edison

Job No.: 200-25628-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/25/2014 14:05

Reporting Basis: DRY

Date Received: 11/26/2014 10:20

% Solids: 78.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.14	0.14	0.077	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	2.5	2.5	0.60	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX 4-2 (10')

Lab Sample ID: 200-25628-2

Lab Name: TestAmerica Edison

Job No.: 200-25628-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/25/2014 14:05

Reporting Basis: WET

Date Received: 11/26/2014 10:20

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	9.0	2.0		mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX 4-3 (6')

Lab Sample ID: 200-25628-3

Lab Name: TestAmerica Edison

Job No.: 200-25628-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/25/2014 14:10

Reporting Basis: DRY

Date Received: 11/26/2014 10:20

% Solids: 76.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DLL	Method
57-12-5	Cyanide, Total	0.13	0.13	0.069	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	2.6	2.6	0.63	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX 4-3 (6')

Lab Sample ID: 200-25628-3

Lab Name: TestAmerica Edison

Job No.: 200-25628-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/25/2014 14:10

Reporting Basis: WET

Date Received: 11/26/2014 10:20

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	6.8	2.0		mg/Kg			1	7196A

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG No.: _____

Client Sample ID: TB

Lab Sample ID: 460-77244-1

Matrix: Water

Lab File ID: K27962.D

Analysis Method: 8260C

Date Collected: 06/04/2014 00:00

Sample wt/vol: 5 (mL)

Date Analyzed: 06/07/2014 01:28

Soil Aliquot Vol: _____

Dilution Factor: 1

Soil Extract Vol.: _____

GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____

Level: (low/med) Low

Analysis Batch No.: 229104

Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.3		1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
79-01-6	Trichloroethene	1.0	U	1.0	0.090
71-43-2	Benzene	1.0	U	1.0	0.080
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	2.0	U	2.0	0.13
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.14
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
123-91-1	1,4-Dioxane	50	U	50	36
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.15
103-65-1	N-Propylbenzene	1.0	U	1.0	0.10
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.18
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.12
104-51-8	n-Butylbenzene	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: UST1-SW1 (5-6) Lab Sample ID: 460-77244-2
 Matrix: Solid Lab File ID: K28000.D
 Analysis Method: 8260C Date Collected: 06/04/2014 09:35
 Sample wt/vol: 4.93(g) Date Analyzed: 06/08/2014 20:09
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: 9.1 Level: (low/med) Low
 Analysis Batch No.: 229263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.1	U	1.1	0.15
75-34-3	1,1-Dichloroethane	1.1	U	1.1	0.12
75-35-4	1,1-Dichloroethene	1.1	U	1.1	0.21
95-63-6	1,2,4-Trimethylbenzene	1.1	U	1.1	0.17
95-50-1	1,2-Dichlorobenzene	1.1	U	1.1	0.11
107-06-2	1,2-Dichloroethane	1.1	U	1.1	0.20
108-67-8	1,3,5-Trimethylbenzene	1.1	U	1.1	0.13
541-73-1	1,3-Dichlorobenzene	1.1	U	1.1	0.18
106-46-7	1,4-Dichlorobenzene	1.1	U	1.1	0.12
123-91-1	1,4-Dioxane	22	U	22	14
78-93-3	2-Butanone (MEK)	5.6	U	5.6	0.70
67-64-1	Acetone	5.6	U	5.6	1.9
71-43-2	Benzene	1.1	U	1.1	0.17
56-23-5	Carbon tetrachloride	1.1	U	1.1	0.17
108-90-7	Chlorobenzene	1.1	U	1.1	0.20
67-66-3	Chloroform	1.1	U	1.1	0.27
156-59-2	cis-1,2-Dichloroethene	1.1	U	1.1	0.12
100-41-4	Ethylbenzene	1.1	U	1.1	0.19
1634-04-4	Methyl tert-butyl ether	1.1	U	1.1	0.12
75-09-2	Methylene Chloride	1.1	U	1.1	0.17
104-51-8	n-Butylbenzene	1.1	U	1.1	0.089
103-65-1	N-Propylbenzene	1.1	U	1.1	0.17
135-98-8	sec-Butylbenzene	1.1	U	1.1	0.15
98-06-6	tert-Butylbenzene	1.1	U	1.1	0.13
127-18-4	Tetrachloroethene	0.47	J	1.1	0.13
108-88-3	Toluene	1.1	U	1.1	0.16
156-60-5	trans-1,2-Dichloroethene	1.1	U	1.1	0.15
79-01-6	Trichloroethene	1.1	U	1.1	0.13
75-01-4	Vinyl chloride	1.1	U	1.1	0.38
1330-20-7	Xylenes, Total	2.2	U	2.2	0.75

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: UST1-SW2 (5-6) Lab Sample ID: 460-77244-3
 Matrix: Solid Lab File ID: K28028.D
 Analysis Method: 8260C Date Collected: 06/04/2014 09:20
 Sample wt/vol: 5.29(g) Date Analyzed: 06/09/2014 12:08
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: 8.9 Level: (low/med) Low
 Analysis Batch No.: 229362 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.13
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.11
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.20
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.16
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.10
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.17
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.11
123-91-1	1,4-Dioxane	21	U	21	13
78-93-3	2-Butanone (MEK)	5.2	U	5.2	0.65
67-64-1	Acetone	5.2	U	5.2	1.8
71-43-2	Benzene	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.19
67-66-3	Chloroform	1.0	U	1.0	0.25
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.18
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.11
75-09-2	Methylene Chloride	1.0	U	1.0	0.16
104-51-8	n-Butylbenzene	1.0	U	1.0	0.083
103-65-1	N-Propylbenzene	1.0	U	1.0	0.16
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.13
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.12
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.15
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
79-01-6	Trichloroethene	1.0	U	1.0	0.12
75-01-4	Vinyl chloride	1.0	U	1.0	0.35
1330-20-7	Xylenes, Total	2.1	U	2.1	0.69

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG No.: _____

Client Sample ID: UST1-SW3 (5-6)

Lab Sample ID: 460-77244-4

Matrix: Solid

Lab File ID: K28002.D

Analysis Method: 8260C

Date Collected: 06/04/2014 09:25

Sample wt/vol: 5.04(g)

Date Analyzed: 06/08/2014 20:58

Soil Aliquot Vol: _____

Dilution Factor: 1

Soil Extract Vol.: _____

GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: 10.7

Level: (low/med) Low

Analysis Batch No.: 229263

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.1	U	1.1	0.14
75-34-3	1,1-Dichloroethane	1.1	U	1.1	0.12
75-35-4	1,1-Dichloroethene	1.1	U	1.1	0.21
95-63-6	1,2,4-Trimethylbenzene	1.1	U	1.1	0.17
95-50-1	1,2-Dichlorobenzene	1.1	U	1.1	0.11
107-06-2	1,2-Dichloroethane	1.1	U	1.1	0.20
108-67-8	1,3,5-Trimethylbenzene	1.1	U	1.1	0.13
541-73-1	1,3-Dichlorobenzene	1.1	U	1.1	0.18
106-46-7	1,4-Dichlorobenzene	1.1	U	1.1	0.12
123-91-1	1,4-Dioxane	22	U	22	14
78-93-3	2-Butanone (MEK)	5.6	U	5.6	0.70
67-64-1	Acetone	5.6	U	5.6	1.9
71-43-2	Benzene	1.1	U	1.1	0.17
56-23-5	Carbon tetrachloride	1.1	U	1.1	0.17
108-90-7	Chlorobenzene	1.1	U	1.1	0.20
67-66-3	Chloroform	1.1	U	1.1	0.27
156-59-2	cis-1,2-Dichloroethene	1.1	U	1.1	0.12
100-41-4	Ethylbenzene	1.1	U	1.1	0.19
1634-04-4	Methyl tert-butyl ether	1.1	U	1.1	0.12
75-09-2	Methylene Chloride	1.1	U	1.1	0.17
104-51-8	n-Butylbenzene	1.1	U	1.1	0.089
103-65-1	N-Propylbenzene	1.1	U	1.1	0.17
135-98-8	sec-Butylbenzene	1.1	U	1.1	0.14
98-06-6	tert-Butylbenzene	1.1	U	1.1	0.13
127-18-4	Tetrachloroethene	1.1	U	1.1	0.13
108-88-3	Toluene	1.1	U	1.1	0.16
156-60-5	trans-1,2-Dichloroethene	1.1	U	1.1	0.14
79-01-6	Trichloroethene	1.1	U	1.1	0.13
75-01-4	Vinyl chloride	1.1	U	1.1	0.38
1330-20-7	Xylenes, Total	2.2	U	2.2	0.74

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-77244-1</u>
SDG No.: _____	
Client Sample ID: <u>UST1-SW4 (5-6)</u>	Lab Sample ID: <u>460-77244-5</u>
Matrix: <u>Solid</u>	Lab File ID: <u>K28003.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/04/2014 09:30</u>
Sample wt/vol: <u>5.34(g)</u>	Date Analyzed: <u>06/08/2014 21:23</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25(mm)</u>
% Moisture: <u>12.3</u>	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>229263</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.1	U	1.1	0.14
75-34-3	1,1-Dichloroethane	1.1	U	1.1	0.12
75-35-4	1,1-Dichloroethene	1.1	U	1.1	0.20
95-63-6	1,2,4-Trimethylbenzene	1.1	U	1.1	0.16
95-50-1	1,2-Dichlorobenzene	1.1	U	1.1	0.11
107-06-2	1,2-Dichloroethane	1.1	U	1.1	0.19
108-67-8	1,3,5-Trimethylbenzene	1.1	U	1.1	0.13
541-73-1	1,3-Dichlorobenzene	1.1	U	1.1	0.17
106-46-7	1,4-Dichlorobenzene	1.1	U	1.1	0.12
123-91-1	1,4-Dioxane	21	U	21	14
78-93-3	2-Butanone (MEK)	5.3	U	5.3	0.67
67-64-1	Acetone	5.3	U	5.3	1.8
71-43-2	Benzene	1.1	U	1.1	0.16
56-23-5	Carbon tetrachloride	1.1	U	1.1	0.16
108-90-7	Chlorobenzene	1.1	U	1.1	0.19
67-66-3	Chloroform	1.1	U	1.1	0.26
156-59-2	cis-1,2-Dichloroethene	1.1	U	1.1	0.12
100-41-4	Ethylbenzene	1.1	U	1.1	0.18
1634-04-4	Methyl tert-butyl ether	1.1	U	1.1	0.12
75-09-2	Methylene Chloride	1.1	U	1.1	0.16
104-51-8	n-Butylbenzene	1.1	U	1.1	0.085
103-65-1	N-Propylbenzene	1.1	U	1.1	0.16
135-98-8	sec-Butylbenzene	1.1	U	1.1	0.14
98-06-6	tert-Butylbenzene	1.1	U	1.1	0.13
127-18-4	Tetrachloroethene	0.18	J	1.1	0.13
108-88-3	Toluene	1.1	U	1.1	0.15
156-60-5	trans-1,2-Dichloroethene	1.1	U	1.1	0.14
79-01-6	Trichloroethene	1.1	U	1.1	0.13
75-01-4	Vinyl chloride	1.1	U	1.1	0.36
1330-20-7	Xylenes, Total	2.1	U	2.1	0.72

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: UST1-B1 (7) Lab Sample ID: 460-77244-6
 Matrix: Solid Lab File ID: K28004.D
 Analysis Method: 8260C Date Collected: 06/04/2014 09:15
 Sample wt/vol: 4.96(g) Date Analyzed: 06/08/2014 21:47
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: 10.0 Level: (low/med) Low
 Analysis Batch No.: 229263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.1	U	1.1	0.15
75-34-3	1,1-Dichloroethane	1.1	U	1.1	0.12
75-35-4	1,1-Dichloroethene	1.1	U	1.1	0.21
95-63-6	1,2,4-Trimethylbenzene	1.1	U	1.1	0.17
95-50-1	1,2-Dichlorobenzene	1.1	U	1.1	0.11
107-06-2	1,2-Dichloroethane	1.1	U	1.1	0.20
108-67-8	1,3,5-Trimethylbenzene	1.1	U	1.1	0.13
541-73-1	1,3-Dichlorobenzene	1.1	U	1.1	0.18
106-46-7	1,4-Dichlorobenzene	1.1	U	1.1	0.12
123-91-1	1,4-Dioxane	22	U	22	14
78-93-3	2-Butanone (MEK)	5.6	U	5.6	0.71
67-64-1	Acetone	5.6	U	5.6	1.9
71-43-2	Benzene	1.1	U	1.1	0.17
56-23-5	Carbon tetrachloride	1.1	U	1.1	0.17
108-90-7	Chlorobenzene	1.1	U	1.1	0.20
67-66-3	Chloroform	1.1	U	1.1	0.27
156-59-2	cis-1,2-Dichloroethene	1.1	U	1.1	0.12
100-41-4	Ethylbenzene	1.1	U	1.1	0.19
1634-04-4	Methyl tert-butyl ether	1.1	U	1.1	0.12
75-09-2	Methylene Chloride	1.1	U	1.1	0.17
104-51-8	n-Butylbenzene	1.1	U	1.1	0.090
103-65-1	N-Propylbenzene	1.1	U	1.1	0.17
135-98-8	sec-Butylbenzene	1.1	U	1.1	0.15
98-06-6	tert-Butylbenzene	1.1	U	1.1	0.13
127-18-4	Tetrachloroethene	0.79	J	1.1	0.13
108-88-3	Toluene	1.1	U	1.1	0.16
156-60-5	trans-1,2-Dichloroethene	1.1	U	1.1	0.15
79-01-6	Trichloroethene	1.1	U	1.1	0.13
75-01-4	Vinyl chloride	1.1	U	1.1	0.38
1330-20-7	Xylenes, Total	2.2	U	2.2	0.75

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: HL1-SW1 (6-7) Lab Sample ID: 460-77244-7
 Matrix: Solid Lab File ID: K28029.D
 Analysis Method: 8260C Date Collected: 06/04/2014 10:55
 Sample wt/vol: 5.21(g) Date Analyzed: 06/09/2014 12:32
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: 9.0 Level: (low/med) Low
 Analysis Batch No.: 229362 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.1	U	1.1	0.14
75-34-3	1,1-Dichloroethane	1.1	U	1.1	0.12
75-35-4	1,1-Dichloroethene	1.1	U	1.1	0.20
95-63-6	1,2,4-Trimethylbenzene	1.1	U	1.1	0.16
95-50-1	1,2-Dichlorobenzene	1.1	U	1.1	0.11
107-06-2	1,2-Dichloroethane	1.1	U	1.1	0.19
108-67-8	1,3,5-Trimethylbenzene	1.1	U	1.1	0.13
541-73-1	1,3-Dichlorobenzene	1.1	U	1.1	0.17
106-46-7	1,4-Dichlorobenzene	1.1	U	1.1	0.12
123-91-1	1,4-Dioxane	21	U	21	13
78-93-3	2-Butanone (MEK)	5.3	U	5.3	0.66
67-64-1	Acetone	5.3	U	5.3	1.8
71-43-2	Benzene	1.1	U	1.1	0.16
56-23-5	Carbon tetrachloride	1.1	U	1.1	0.16
108-90-7	Chlorobenzene	1.1	U	1.1	0.19
67-66-3	Chloroform	1.1	U	1.1	0.25
156-59-2	cis-1,2-Dichloroethene	1.8		1.1	0.12
100-41-4	Ethylbenzene	1.1	U	1.1	0.18
1634-04-4	Methyl tert-butyl ether	1.1	U	1.1	0.12
75-09-2	Methylene Chloride	1.1	U	1.1	0.16
104-51-8	n-Butylbenzene	1.1	U	1.1	0.084
103-65-1	N-Propylbenzene	1.1	U	1.1	0.16
135-98-8	sec-Butylbenzene	1.1	U	1.1	0.14
98-06-6	tert-Butylbenzene	1.1	U	1.1	0.13
127-18-4	Tetrachloroethene	2.3		1.1	0.13
108-88-3	Toluene	1.1	U	1.1	0.15
156-60-5	trans-1,2-Dichloroethene	1.1	U	1.1	0.14
79-01-6	Trichloroethene	0.45	J	1.1	0.13
75-01-4	Vinyl chloride	1.1	U	1.1	0.36
1330-20-7	Xylenes, Total	2.1	U	2.1	0.71

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: HL1-SW2 (6-7) Lab Sample ID: 460-77244-8
 Matrix: Solid Lab File ID: K28006.D
 Analysis Method: 8260C Date Collected: 06/04/2014 11:00
 Sample wt/vol: 4.48(g) Date Analyzed: 06/08/2014 22:36
 Soil Aliquot Vol.: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: 7.7 Level: (low/med) Low
 Analysis Batch No.: 229263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.2	U	1.2	0.16
75-34-3	1,1-Dichloroethane	1.2	U	1.2	0.13
75-35-4	1,1-Dichloroethene	1.2	U	1.2	0.23
95-63-6	1,2,4-Trimethylbenzene	1.2	U	1.2	0.18
95-50-1	1,2-Dichlorobenzene	1.2	U	1.2	0.12
107-06-2	1,2-Dichloroethane	1.2	U	1.2	0.22
108-67-8	1,3,5-Trimethylbenzene	1.2	U	1.2	0.15
541-73-1	1,3-Dichlorobenzene	1.2	U	1.2	0.19
106-46-7	1,4-Dichlorobenzene	1.2	U	1.2	0.13
123-91-1	1,4-Dioxane	24	U	24	15
78-93-3	2-Butanone (MEK)	6.0	U	6.0	0.76
67-64-1	Acetone	6.0	U	6.0	2.0
71-43-2	Benzene	1.2	U	1.2	0.18
56-23-5	Carbon tetrachloride	1.2	U	1.2	0.18
108-90-7	Chlorobenzene	1.2	U	1.2	0.22
67-66-3	Chloroform	1.2	U	1.2	0.29
156-59-2	cis-1,2-Dichloroethene	3.7		1.2	0.13
100-41-4	Ethylbenzene	1.2	U	1.2	0.21
1634-04-4	Methyl tert-butyl ether	1.2	U	1.2	0.13
75-09-2	Methylene Chloride	1.2	U	1.2	0.18
104-51-8	n-Butylbenzene	1.2	U	1.2	0.097
103-65-1	N-Propylbenzene	1.2	U	1.2	0.18
135-98-8	sec-Butylbenzene	1.2	U	1.2	0.16
98-06-6	tert-Butylbenzene	1.2	U	1.2	0.15
127-18-4	Tetrachloroethene	17		1.2	0.15
108-88-3	Toluene	1.2	U	1.2	0.17
156-60-5	trans-1,2-Dichloroethene	1.2	U	1.2	0.16
79-01-6	Trichloroethene	1.2		1.2	0.15
75-01-4	Vinyl chloride	1.2	U	1.2	0.41
1330-20-7	Xylenes, Total	2.4	U	2.4	0.81

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-77244-1</u>
SDG No.: _____	
Client Sample ID: <u>HL1-SW3 (6-7)</u>	Lab Sample ID: <u>460-77244-9</u>
Matrix: <u>Solid</u>	Lab File ID: <u>K28030.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/04/2014 11:05</u>
Sample wt/vol: <u>5.23(g)</u>	Date Analyzed: <u>06/09/2014 12:56</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: <u>8.3</u>	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>229362</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.11
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.20
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.16
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.10
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.13
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.17
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.11
123-91-1	1,4-Dioxane	21	U	21	13
78-93-3	2-Butanone (MEK)	5.2	U	5.2	0.66
67-64-1	Acetone	5.2	U	5.2	1.8
71-43-2	Benzene	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.19
67-66-3	Chloroform	1.0	U	1.0	0.25
156-59-2	cis-1,2-Dichloroethene	0.31	J	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.18
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.11
75-09-2	Methylene Chloride	1.0	U	1.0	0.16
104-51-8	n-Butylbenzene	1.0	U	1.0	0.083
103-65-1	N-Propylbenzene	1.0	U	1.0	0.16
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.14
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.13
127-18-4	Tetrachloroethene	2.5		1.0	0.13
108-88-3	Toluene	1.0	U	1.0	0.15
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
79-01-6	Trichloroethene	1.0	U	1.0	0.13
75-01-4	Vinyl chloride	1.0	U	1.0	0.35
1330-20-7	Xylenes, Total	2.1	U	2.1	0.70

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-77244-1</u>
SDG No.: _____	
Client Sample ID: <u>HL1-SW4 (6-7)</u>	Lab Sample ID: <u>460-77244-10</u>
Matrix: <u>Solid</u>	Lab File ID: <u>K28031.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/04/2014 11:10</u>
Sample wt/vol: <u>4.20(g)</u>	Date Analyzed: <u>06/09/2014 13:20</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: <u>8.0</u>	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>229362</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.3	U	1.3	0.17
75-34-3	1,1-Dichloroethane	1.3	U	1.3	0.14
75-35-4	1,1-Dichloroethene	1.3	U	1.3	0.25
95-63-6	1,2,4-Trimethylbenzene	1.3	U	1.3	0.19
95-50-1	1,2-Dichlorobenzene	1.3	U	1.3	0.13
107-06-2	1,2-Dichloroethane	1.3	U	1.3	0.23
108-67-8	1,3,5-Trimethylbenzene	1.3	U	1.3	0.16
541-73-1	1,3-Dichlorobenzene	1.3	U	1.3	0.21
106-46-7	1,4-Dichlorobenzene	1.3	U	1.3	0.14
123-91-1	1,4-Dioxane	26	U	26	16
78-93-3	2-Butanone (MEK)	6.5	U	6.5	0.81
67-64-1	Acetone	6.5	U	6.5	2.2
71-43-2	Benzene	1.3	U	1.3	0.19
56-23-5	Carbon tetrachloride	1.3	U	1.3	0.19
108-90-7	Chlorobenzene	1.3	U	1.3	0.23
67-66-3	Chloroform	1.3	U	1.3	0.31
156-59-2	cis-1,2-Dichloroethene	1.3	U	1.3	0.14
100-41-4	Ethylbenzene	1.3	U	1.3	0.22
1634-04-4	Methyl tert-butyl ether	1.3	U	1.3	0.14
75-09-2	Methylene Chloride	1.3	U	1.3	0.19
104-51-8	n-Butylbenzene	1.3	U	1.3	0.10
103-65-1	N-Propylbenzene	1.3	U	1.3	0.19
135-98-8	sec-Butylbenzene	1.3	U	1.3	0.17
98-06-6	tert-Butylbenzene	1.3	U	1.3	0.16
127-18-4	Tetrachloroethene	0.41	J	1.3	0.16
108-88-3	Toluene	1.3	U	1.3	0.18
156-60-5	trans-1,2-Dichloroethene	1.3	U	1.3	0.17
79-01-6	Trichloroethene	1.3	U	1.3	0.16
75-01-4	Vinyl chloride	1.3	U	1.3	0.44
1330-20-7	Xylenes, Total	2.6	U	2.6	0.87

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: HL1-B1 (8) Lab Sample ID: 460-77244-11
 Matrix: Solid Lab File ID: K28032.D
 Analysis Method: 8260C Date Collected: 06/04/2014 10:50
 Sample wt/vol: 5.05(g) Date Analyzed: 06/09/2014 13:44
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: 8.4 Level: (low/med) Low
 Analysis Batch No.: 229362 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.1	U	1.1	0.14
75-34-3	1,1-Dichloroethane	1.1	U	1.1	0.12
75-35-4	1,1-Dichloroethene	1.1	U	1.1	0.21
95-63-6	1,2,4-Trimethylbenzene	1.1	U	1.1	0.16
95-50-1	1,2-Dichlorobenzene	1.1	U	1.1	0.11
107-06-2	1,2-Dichloroethane	1.1	U	1.1	0.19
108-67-8	1,3,5-Trimethylbenzene	1.1	U	1.1	0.13
541-73-1	1,3-Dichlorobenzene	1.1	U	1.1	0.17
106-46-7	1,4-Dichlorobenzene	1.1	U	1.1	0.12
123-91-1	1,4-Dioxane	22	U	22	14
78-93-3	2-Butanone (MEK)	5.4	U	5.4	0.68
67-64-1	Acetone	5.4	U	5.4	1.8
71-43-2	Benzene	1.1	U	1.1	0.16
56-23-5	Carbon tetrachloride	1.1	U	1.1	0.16
108-90-7	Chlorobenzene	1.1	U	1.1	0.19
67-66-3	Chloroform	1.1	U	1.1	0.26
156-59-2	cis-1,2-Dichloroethene	3.4		1.1	0.12
100-41-4	Ethylbenzene	1.1	U	1.1	0.18
1634-04-4	Methyl tert-butyl ether	1.1	U	1.1	0.12
75-09-2	Methylene Chloride	1.1	U	1.1	0.16
104-51-8	n-Butylbenzene	1.1	U	1.1	0.086
103-65-1	N-Propylbenzene	1.1	U	1.1	0.16
135-98-8	sec-Butylbenzene	1.1	U	1.1	0.14
98-06-6	tert-Butylbenzene	1.1	U	1.1	0.13
127-18-4	Tetrachloroethene	2.8		1.1	0.13
108-88-3	Toluene	1.1	U	1.1	0.15
156-60-5	trans-1,2-Dichloroethene	1.1	U	1.1	0.14
79-01-6	Trichloroethene	0.62	J	1.1	0.13
75-01-4	Vinyl chloride	1.1	U	1.1	0.37
1330-20-7	Xylenes, Total	2.2	U	2.2	0.72

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG No.: _____

Client Sample ID: EX1-SW1 (6-7)

Lab Sample ID: 460-77244-12

Matrix: Solid

Lab File ID: K28010.D

Analysis Method: 8260C

Date Collected: 06/04/2014 14:10

Sample wt/vol: 5.14(g)

Date Analyzed: 06/09/2014 00:13

Soil Aliquot Vol: _____

Dilution Factor: 1

Soil Extract Vol.: _____

GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 7.5

Level: (low/med) Low

Analysis Batch No.: 229263

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.1	U	1.1	0.14
75-34-3	1,1-Dichloroethane	1.1	U	1.1	0.12
75-35-4	1,1-Dichloroethene	1.1	U	1.1	0.20
95-63-6	1,2,4-Trimethylbenzene	1.1	U	1.1	0.16
95-50-1	1,2-Dichlorobenzene	1.1	U	1.1	0.11
107-06-2	1,2-Dichloroethane	1.1	U	1.1	0.19
108-67-8	1,3,5-Trimethylbenzene	1.1	U	1.1	0.13
541-73-1	1,3-Dichlorobenzene	1.1	U	1.1	0.17
106-46-7	1,4-Dichlorobenzene	1.1	U	1.1	0.12
123-91-1	1,4-Dioxane	21	U	21	13
78-93-3	2-Butanone (MEK)	5.3	U	5.3	0.66
67-64-1	Acetone	5.3	U	5.3	1.8
71-43-2	Benzene	1.1	U	1.1	0.16
56-23-5	Carbon tetrachloride	1.1	U	1.1	0.16
108-90-7	Chlorobenzene	1.1	U	1.1	0.19
67-66-3	Chloroform	1.1	U	1.1	0.25
156-59-2	cis-1,2-Dichloroethene	3.0		1.1	0.12
100-41-4	Ethylbenzene	1.1	U	1.1	0.18
1634-04-4	Methyl tert-butyl ether	1.1	U	1.1	0.12
75-09-2	Methylene Chloride	1.1	U	1.1	0.16
104-51-8	n-Butylbenzene	1.1	U	1.1	0.084
103-65-1	N-Propylbenzene	1.1	U	1.1	0.16
135-98-8	sec-Butylbenzene	1.1	U	1.1	0.14
98-06-6	tert-Butylbenzene	1.1	U	1.1	0.13
127-18-4	Tetrachloroethene	2.9		1.1	0.13
108-88-3	Toluene	1.1	U	1.1	0.15
156-60-5	trans-1,2-Dichloroethene	1.1	U	1.1	0.14
79-01-6	Trichloroethene	0.58	J	1.1	0.13
75-01-4	Vinyl chloride	1.1	U	1.1	0.36
1330-20-7	Xylenes, Total	2.1	U	2.1	0.70

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: EX1-SW2 (6-7) Lab Sample ID: 460-77244-13
 Matrix: Solid Lab File ID: K28011.D
 Analysis Method: 8260C Date Collected: 06/04/2014 14:15
 Sample wt/vol: 5.59(g) Date Analyzed: 06/09/2014 00:37
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: 13.0 Level: (low/med) Low
 Analysis Batch No.: 229263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.13
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.11
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.20
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.10
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.18
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.16
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.11
123-91-1	1,4-Dioxane	21	U	21	13
78-93-3	2-Butanone (MEK)	5.1	U	5.1	0.65
67-64-1	Acetone	5.1	U	5.1	1.7
71-43-2	Benzene	1.0	U	1.0	0.15
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.25
156-59-2	cis-1,2-Dichloroethene	30		1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.17
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.11
75-09-2	Methylene Chloride	1.0	U	1.0	0.15
104-51-8	n-Butylbenzene	1.0	U	1.0	0.082
103-65-1	N-Propylbenzene	1.0	U	1.0	0.15
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.13
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.12
127-18-4	Tetrachloroethene	20		1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.14
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
79-01-6	Trichloroethene	4.0		1.0	0.12
75-01-4	Vinyl chloride	1.0	U	1.0	0.35
1330-20-7	Xylenes, Total	2.1	U	2.1	0.69

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: EX1-SW3 (6-7) Lab Sample ID: 460-77244-14
 Matrix: Solid Lab File ID: K28012.D
 Analysis Method: 8260C Date Collected: 06/04/2014 14:20
 Sample wt/vol: 5.12(g) Date Analyzed: 06/09/2014 01:01
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: 8.0 Level: (low/med) Low
 Analysis Batch No.: 229263 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.1	U	1.1	0.14
75-34-3	1,1-Dichloroethane	1.1	U	1.1	0.12
75-35-4	1,1-Dichloroethene	1.1	U	1.1	0.20
95-63-6	1,2,4-Trimethylbenzene	1.1	U	1.1	0.16
95-50-1	1,2-Dichlorobenzene	1.1	U	1.1	0.11
107-06-2	1,2-Dichloroethane	1.1	U	1.1	0.19
108-67-8	1,3,5-Trimethylbenzene	1.1	U	1.1	0.13
541-73-1	1,3-Dichlorobenzene	1.1	U	1.1	0.17
106-46-7	1,4-Dichlorobenzene	1.1	U	1.1	0.12
123-91-1	1,4-Dioxane	21	U	21	13
78-93-3	2-Butanone (MEK)	5.3	U	5.3	0.67
67-64-1	Acetone	5.3	U	5.3	1.8
71-43-2	Benzene	1.1	U	1.1	0.16
56-23-5	Carbon tetrachloride	1.1	U	1.1	0.16
108-90-7	Chlorobenzene	1.1	U	1.1	0.19
67-66-3	Chloroform	1.1	U	1.1	0.25
156-59-2	cis-1,2-Dichloroethene	7.4		1.1	0.12
100-41-4	Ethylbenzene	1.1	U	1.1	0.18
1634-04-4	Methyl tert-butyl ether	1.1	U	1.1	0.12
75-09-2	Methylene Chloride	1.1	U	1.1	0.16
104-51-8	n-Butylbenzene	1.1	U	1.1	0.085
103-65-1	N-Propylbenzene	1.1	U	1.1	0.16
135-98-8	sec-Butylbenzene	1.1	U	1.1	0.14
98-06-6	tert-Butylbenzene	1.1	U	1.1	0.13
127-18-4	Tetrachloroethene	8.6		1.1	0.13
108-88-3	Toluene	1.1	U	1.1	0.15
156-60-5	trans-1,2-Dichloroethene	1.1	U	1.1	0.14
79-01-6	Trichloroethene	1.4		1.1	0.13
75-01-4	Vinyl chloride	1.1	U	1.1	0.36
1330-20-7	Xylenes, Total	2.1	U	2.1	0.71

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-77244-1</u>
SDG No.: _____	
Client Sample ID: <u>EX1-SW4(6-7)</u>	Lab Sample ID: <u>460-77251-1</u>
Matrix: <u>Solid</u>	Lab File ID: <u>O88466.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/04/2014 14:25</u>
Sample wt/vol: <u>5.66(g)</u>	Date Analyzed: <u>06/09/2014 09:29</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
% Moisture: <u>7.8</u>	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>229307</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.96	U	0.96	0.12
75-34-3	1,1-Dichloroethane	0.96	U	0.96	0.11
75-35-4	1,1-Dichloroethene	0.96	U	0.96	0.18
95-63-6	1,2,4-Trimethylbenzene	0.96	U	0.96	0.14
95-50-1	1,2-Dichlorobenzene	0.96	U	0.96	0.096
107-06-2	1,2-Dichloroethane	0.96	U	0.96	0.17
108-67-8	1,3,5-Trimethylbenzene	0.96	U	0.96	0.11
541-73-1	1,3-Dichlorobenzene	0.96	U	0.96	0.15
106-46-7	1,4-Dichlorobenzene	0.96	U	0.96	0.11
123-91-1	1,4-Dioxane	19	U	19	12
78-93-3	2-Butanone (MEK)	4.8	U	4.8	0.60
67-64-1	Acetone	4.8	U	4.8	1.6
71-43-2	Benzene	0.96	U	0.96	0.14
56-23-5	Carbon tetrachloride	0.96	U	0.96	0.14
108-90-7	Chlorobenzene	0.96	U	0.96	0.17
67-66-3	Chloroform	0.96	U	0.96	0.23
156-59-2	cis-1,2-Dichloroethene	1.1		0.96	0.11
100-41-4	Ethylbenzene	0.96	U	0.96	0.16
1634-04-4	Methyl tert-butyl ether	0.96	U	0.96	0.11
75-09-2	Methylene Chloride	0.96	U	0.96	0.14
104-51-8	n-Butylbenzene	0.96	U	0.96	0.077
103-65-1	N-Propylbenzene	0.96	U	0.96	0.14
135-98-8	sec-Butylbenzene	0.96	U	0.96	0.12
98-06-6	tert-Butylbenzene	0.96	U	0.96	0.11
127-18-4	Tetrachloroethene	2.1		0.96	0.11
108-88-3	Toluene	0.96	U	0.96	0.13
156-60-5	trans-1,2-Dichloroethene	0.96	U	0.96	0.12
79-01-6	Trichloroethene	0.23	J	0.96	0.11
75-01-4	Vinyl chloride	0.96	U	0.96	0.33
1330-20-7	Xylenes, Total	1.9	U	1.9	0.64

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG No.: _____

Client Sample ID: EX1-B1(8)

Lab Sample ID: 460-77251-2

Matrix: Solid

Lab File ID: 088467.D

Analysis Method: 8260C

Date Collected: 06/04/2014 14:30

Sample wt/vol: 4.82(g)

Date Analyzed: 06/09/2014 09:53

Soil Aliquot Vol: _____

Dilution Factor: 1

Soil Extract Vol.: _____

GC Column: DB-624 ID: 0.18(mm)

% Moisture: 7.6

Level: (low/med) Low

Analysis Batch No.: 229307

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.1	U	1.1	0.15
75-34-3	1,1-Dichloroethane	1.1	U	1.1	0.12
75-35-4	1,1-Dichloroethene	1.1	U	1.1	0.21
95-63-6	1,2,4-Trimethylbenzene	1.1	U	1.1	0.17
95-50-1	1,2-Dichlorobenzene	1.1	U	1.1	0.11
107-06-2	1,2-Dichloroethane	1.1	U	1.1	0.20
108-67-8	1,3,5-Trimethylbenzene	1.1	U	1.1	0.13
541-73-1	1,3-Dichlorobenzene	1.1	U	1.1	0.18
106-46-7	1,4-Dichlorobenzene	1.1	U	1.1	0.12
123-91-1	1,4-Dioxane	22	U	22	14
78-93-3	2-Butanone (MEK)	5.6	U	5.6	0.71
67-64-1	Acetone	5.6	U	5.6	1.9
71-43-2	Benzene	1.1	U	1.1	0.17
56-23-5	Carbon tetrachloride	1.1	U	1.1	0.17
108-90-7	Chlorobenzene	1.1	U	1.1	0.20
67-66-3	Chloroform	1.1	U	1.1	0.27
156-59-2	cis-1,2-Dichloroethene	4.2		1.1	0.12
100-41-4	Ethylbenzene	1.1	U	1.1	0.19
1634-04-4	Methyl tert-butyl ether	1.1	U	1.1	0.12
75-09-2	Methylene Chloride	1.2	B U	1.1	0.17
104-51-8	n-Butylbenzene	1.1	U	1.1	0.090
103-65-1	N-Propylbenzene	1.1	U	1.1	0.17
135-98-8	sec-Butylbenzene	1.1	U	1.1	0.15
98-06-6	tert-Butylbenzene	1.1	U	1.1	0.13
127-18-4	Tetrachloroethene	2.8		1.1	0.13
108-88-3	Toluene	1.1	U	1.1	0.16
156-60-5	trans-1,2-Dichloroethene	1.1	U	1.1	0.15
79-01-6	Trichloroethene	0.76	J	1.1	0.13
75-01-4	Vinyl chloride	1.1	U	1.1	0.38
1330-20-7	Xylenes, Total	2.2	U	2.2	0.75

John
12/1/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG No.: _____

Client Sample ID: EX1-A(8)

Lab Sample ID: 460-77251-3

Matrix: Solid

Lab File ID: O88468.D

Analysis Method: 8260C

Date Collected: 06/04/2014 14:35

Sample wt/vol: 5.11(g)

Date Analyzed: 06/09/2014 10:18

Soil Aliquot Vol: _____

Dilution Factor: 1

Soil Extract Vol.: _____

GC Column: DB-624

ID: 0.18 (mm)

% Moisture: 7.8

Level: (low/med) Low

Analysis Batch No.: 229307

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.1	U	1.1	0.14
75-34-3	1,1-Dichloroethane	1.1	U	1.1	0.12
75-35-4	1,1-Dichloroethene	1.1	U	1.1	0.20
95-63-6	1,2,4-Trimethylbenzene	1.1	U	1.1	0.16
95-50-1	1,2-Dichlorobenzene	1.1	U	1.1	0.11
107-06-2	1,2-Dichloroethane	1.1	U	1.1	0.19
108-67-8	1,3,5-Trimethylbenzene	1.1	U	1.1	0.13
541-73-1	1,3-Dichlorobenzene	1.1	U	1.1	0.17
106-46-7	1,4-Dichlorobenzene	1.1	U	1.1	0.12
123-91-1	1,4-Dioxane	21	U	21	13
78-93-3	2-Butanone (MEK)	5.3	U	5.3	0.67
67-64-1	Acetone	5.3	U	5.3	1.8
71-43-2	Benzene	1.1	U	1.1	0.16
56-23-5	Carbon tetrachloride	1.1	U	1.1	0.16
108-90-7	Chlorobenzene	1.1	U	1.1	0.19
67-66-3	Chloroform	1.1	U	1.1	0.25
156-59-2	cis-1,2-Dichloroethene	14		1.1	0.12
100-41-4	Ethylbenzene	1.1	U	1.1	0.18
1634-04-4	Methyl tert-butyl ether	1.1	U	1.1	0.12
75-09-2	Methylene Chloride	1.1	U	1.1	0.16
104-51-8	n-Butylbenzene	1.1	U	1.1	0.085
103-65-1	N-Propylbenzene	1.1	U	1.1	0.16
135-98-8	sec-Butylbenzene	1.1	U	1.1	0.14
98-06-6	tert-Butylbenzene	1.1	U	1.1	0.13
127-18-4	Tetrachloroethene	9.8		1.1	0.13
108-88-3	Toluene	1.1	U	1.1	0.15
156-60-5	trans-1,2-Dichloroethene	1.1	U	1.1	0.14
79-01-6	Trichloroethene	2.1		1.1	0.13
75-01-4	Vinyl chloride	1.1	U	1.1	0.36
1330-20-7	Xylenes, Total	2.1	U	2.1	0.71

John
12/11/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG No.: _____

Client Sample ID: ST1-1A

Lab Sample ID: 460-77251-4

Matrix: Solid

Lab File ID: O88469.D

Analysis Method: 8260C

Date Collected: 06/04/2014 14:40

Sample wt/vol: 5.17(g)

Date Analyzed: 06/09/2014 10:43

Soil Aliquot Vol: _____

Dilution Factor: 1

Soil Extract Vol.: _____

GC Column: DB-624 ID: 0.18 (mm)

% Moisture: 8.3

Level: (low/med) Low

Analysis Batch No.: 229307

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.1	U	1.1	0.14
75-34-3	1,1-Dichloroethane	1.1	U	1.1	0.12
75-35-4	1,1-Dichloroethene	1.1	U	1.1	0.20
95-63-6	1,2,4-Trimethylbenzene	1.1	U	1.1	0.16
95-50-1	1,2-Dichlorobenzene	1.1	U	1.1	0.11
107-06-2	1,2-Dichloroethane	1.1	U	1.1	0.19
108-67-8	1,3,5-Trimethylbenzene	1.1	U	1.1	0.13
541-73-1	1,3-Dichlorobenzene	1.1	U	1.1	0.17
106-46-7	1,4-Dichlorobenzene	1.1	U	1.1	0.12
123-91-1	1,4-Dioxane	21	U	21	13
78-93-3	2-Butanone (MEK)	5.3	U	5.3	0.66
67-64-1	Acetone	5.3	U	5.3	1.8
71-43-2	Benzene	1.1	U	1.1	0.16
56-23-5	Carbon tetrachloride	1.1	U	1.1	0.16
108-90-7	Chlorobenzene	1.1	U	1.1	0.19
67-66-3	Chloroform	1.1	U	1.1	0.25
156-59-2	cis-1,2-Dichloroethene	1.8		1.1	0.12
100-41-4	Ethylbenzene	1.1	U	1.1	0.18
1634-04-4	Methyl tert-butyl ether	1.1	U	1.1	0.12
75-09-2	Methylene Chloride	1.1 0.45	JB U	1.1	0.16
104-51-8	n-Butylbenzene	1.1	U	1.1	0.084
103-65-1	N-Propylbenzene	1.1	U	1.1	0.16
135-98-8	sec-Butylbenzene	1.1	U	1.1	0.14
98-06-6	tert-Butylbenzene	1.1	U	1.1	0.13
127-18-4	Tetrachloroethene	11		1.1	0.13
108-88-3	Toluene	1.1	U	1.1	0.15
156-60-5	trans-1,2-Dichloroethene	1.1	U	1.1	0.14
79-01-6	Trichloroethene	0.82	J	1.1	0.13
75-01-4	Vinyl chloride	1.1	U	1.1	0.36
1330-20-7	Xylenes, Total	2.1	U	2.1	0.71

Signature
12/11/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: ST1-1B Lab Sample ID: 460-77251-5
 Matrix: Solid Lab File ID: 088473.D
 Analysis Method: 8260C Date Collected: 06/04/2014 14:45
 Sample wt/vol: 4.73(g) Date Analyzed: 06/09/2014 12:22
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 7.9 Level: (low/med) Low
 Analysis Batch No.: 229307 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.1	U	1.1	0.15
75-34-3	1,1-Dichloroethane	1.1	U	1.1	0.13
75-35-4	1,1-Dichloroethene	1.1	U	1.1	0.22
95-63-6	1,2,4-Trimethylbenzene	1.1	U	1.1	0.17
95-50-1	1,2-Dichlorobenzene	1.1	U	1.1	0.11
107-06-2	1,2-Dichloroethane	1.1	U	1.1	0.21
108-67-8	1,3,5-Trimethylbenzene	1.1	U	1.1	0.14
541-73-1	1,3-Dichlorobenzene	1.1	U	1.1	0.18
106-46-7	1,4-Dichlorobenzene	1.1	U	1.1	0.13
123-91-1	1,4-Dioxane	23	U	23	15
78-93-3	2-Butanone (MEK)	5.7	U	5.7	0.72
67-64-1	Acetone	5.7	U	5.7	1.9
71-43-2	Benzene	1.1	U	1.1	0.17
56-23-5	Carbon tetrachloride	1.1	U	1.1	0.17
108-90-7	Chlorobenzene	1.1	U	1.1	0.21
67-66-3	Chloroform	1.1	U	1.1	0.28
156-59-2	cis-1,2-Dichloroethene	5.2		1.1	0.13
100-41-4	Ethylbenzene	1.1	U	1.1	0.20
1634-04-4	Methyl tert-butyl ether	1.1	U	1.1	0.13
75-09-2	Methylene Chloride	1.1	U	1.1	0.17
104-51-8	n-Butylbenzene	1.1	U	1.1	0.092
103-65-1	N-Propylbenzene	1.1	U	1.1	0.17
135-98-8	sec-Butylbenzene	1.1	U	1.1	0.15
98-06-6	tert-Butylbenzene	1.1	U	1.1	0.14
127-18-4	Tetrachloroethene	4.4		1.1	0.14
108-88-3	Toluene	1.1	U	1.1	0.16
156-60-5	trans-1,2-Dichloroethene	1.1	U	1.1	0.15
79-01-6	Trichloroethene	0.84	J	1.1	0.14
75-01-4	Vinyl chloride	1.1	U	1.1	0.39
1330-20-7	Xylenes, Total	2.3	U	2.3	0.77

John
12/11/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: ST1-1C Lab Sample ID: 460-77251-6
 Matrix: Solid (TCLP) Lab File ID: E29447.D
 Analysis Method: 8260C Date Collected: 06/04/2014 14:50
 Sample wt/vol: 5 (mL) Date Analyzed: 06/09/2014 14:14
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 229331 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.010	U	0.010	0.00090
107-06-2	1,2-Dichloroethane	0.010	U	0.010	0.0019
78-93-3	2-Butanone (MEK)	0.050	U	0.050	0.023
71-43-2	Benzene	0.010	U	0.010	0.00080
56-23-5	Carbon tetrachloride	0.010	U	0.010	0.00060
108-90-7	Chlorobenzene	0.010	U	0.010	0.0011
67-66-3	Chloroform	0.010	U	0.010	0.00080
127-18-4	Tetrachloroethene	0.010	U	0.010	0.0010
79-01-6	Trichloroethene	0.010	U	0.010	0.00090
75-01-4	Vinyl chloride	0.010	U	0.010	0.0014

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-130
460-00-4	4-Bromofluorobenzene	96		70-130
1868-53-7	Dibromofluoromethane (Surr)	108		70-130
2037-26-5	Toluene-d8 (Surr)	92		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG No.: _____

Client Sample ID: ST2-1

Lab Sample ID: 460-77251-7

Matrix: Solid

Lab File ID: O88491.D

Analysis Method: 8260C

Date Collected: 06/04/2014 15:40

Sample wt/vol: 5.03(g)

Date Analyzed: 06/09/2014 19:57

Soil Aliquot Vol: _____

Dilution Factor: 1

Soil Extract Vol.: _____

GC Column: DB-624

ID: 0.18 (mm)

% Moisture: 8.7

Level: (low/med) Low

Analysis Batch No.: 229464

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.1	U	1.1	0.14
75-34-3	1,1-Dichloroethane	1.1	U	1.1	0.12
75-35-4	1,1-Dichloroethene	1.1	U	1.1	0.21
95-63-6	1,2,4-Trimethylbenzene	51	J	1.1	0.16
95-50-1	1,2-Dichlorobenzene	2.2	J	1.1	0.11
107-06-2	1,2-Dichloroethane	1.1	U	1.1	0.20
108-67-8	1,3,5-Trimethylbenzene	19	J	1.1	0.13
541-73-1	1,3-Dichlorobenzene	1.1	U	1.1	0.17
106-46-7	1,4-Dichlorobenzene	1.2	J	1.1	0.12
123-91-1	1,4-Dioxane	22	U	22	14
78-93-3	2-Butanone (MEK)	50		5.4	0.69
67-64-1	Acetone	360	B	5.4	1.8
71-43-2	Benzene	1.1	U	1.1	0.16
56-23-5	Carbon tetrachloride	1.1	U	1.1	0.16
108-90-7	Chlorobenzene	1.1	U	1.1	0.20
67-66-3	Chloroform	1.1	U	1.1	0.26
156-59-2	cis-1,2-Dichloroethene	4.3		1.1	0.12
100-41-4	Ethylbenzene	1.5		1.1	0.19
1634-04-4	Methyl tert-butyl ether	1.1	U	1.1	0.12
75-09-2	Methylene Chloride	1.1 0.42	J B U	1.1	0.16
104-51-8	n-Butylbenzene	5.7	J	1.1	0.087
103-65-1	N-Propylbenzene	6.5	J	1.1	0.16
135-98-8	sec-Butylbenzene	1.5	J	1.1	0.14
98-06-6	tert-Butylbenzene	0.13	J	1.1	0.13
127-18-4	Tetrachloroethene	110		1.1	0.13
108-88-3	Toluene	1.3		1.1	0.15
156-60-5	trans-1,2-Dichloroethene	1.1	U	1.1	0.14
79-01-6	Trichloroethene	1.5		1.1	0.13
75-01-4	Vinyl chloride	1.1	U	1.1	0.37
1330-20-7	Xylenes, Total	12		2.2	0.73

80 M
12/1/15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG No.: _____

Client Sample ID: UST1-SW1 (5-6)

Lab Sample ID: 460-77244-2

Matrix: Solid

Lab File ID: L1150455.D

Analysis Method: 8270D

Date Collected: 06/04/2014 09:35

Extract. Method: 3541

Date Extracted: 06/05/2014 20:42

Sample wt/vol: 15.04(g)

Date Analyzed: 06/10/2014 22:53

Con. Extract Vol.: 1(mL)

Dilution Factor: 1

Injection Volume: 1(uL)

Level: (low/med) Low

% Moisture: 9.1

GPC Cleanup: (Y/N) N

Analysis Batch No.: 229737

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	360	U	360	62
15831-10-4	3 & 4 Methylphenol	360	U	360	62
83-32-9	Acenaphthene	360	U	360	53
208-96-8	Acenaphthylene	47	J	360	43
120-12-7	Anthracene	49	J	360	44
56-55-3	Benzo[a]anthracene	450		36	2.5
50-32-8	Benzo[a]pyrene	540		36	2.6
205-99-2	Benzo[b]fluoranthene	790		36	2.3
191-24-2	Benzo[g,h,i]perylene	280	J	360	27
207-08-9	Benzo[k]fluoranthene	300		36	2.8
218-01-9	Chrysene	620		360	42
53-70-3	Dibenz(a,h)anthracene	94		36	4.6
132-64-9	Dibenzofuran	360	U	360	43
206-44-0	Fluoranthene	850		360	48
86-73-7	Fluorene	360	U	360	46
118-74-1	Hexachlorobenzene	36	U	36	5.0
193-39-5	Indeno[1,2,3-cd]pyrene	320		36	6.8
91-20-3	Naphthalene	360	U	360	42
87-86-5	Pentachlorophenol	740	U	740	110
85-01-8	Phenanthrene	410		360	46
108-95-2	Phenol	360	U	360	49
129-00-0	Pyrene	950		360	30

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	78		19-114
321-60-8	2-Fluorobiphenyl	101		49-112
367-12-4	2-Fluorophenol (Surr)	76		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	95		40-106
4165-62-2	Phenol-d5 (Surr)	75		44-104
1718-51-0	Terphenyl-d14 (Surr)	105		41-145

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: UST1-SW2 (5-6) Lab Sample ID: 460-77244-3
 Matrix: Solid Lab File ID: L1150464.D
 Analysis Method: 8270D Date Collected: 06/04/2014 09:20
 Extract. Method: 3541 Date Extracted: 06/05/2014 20:42
 Sample wt/vol: 15.03(g) Date Analyzed: 06/11/2014 02:54
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 8.9 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229737 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	360	U	360	62
15831-10-4	3 & 4 Methylphenol	360	U	360	62
83-32-9	Acenaphthene	360	U	360	53
208-96-8	Acenaphthylene	360	U	360	43
120-12-7	Anthracene	360	U	360	44
56-55-3	Benzo[a]anthracene	160		36	2.5
50-32-8	Benzo[a]pyrene	200		36	2.6
205-99-2	Benzo[b]fluoranthene	340		36	2.3
191-24-2	Benzo[g,h,i]perylene	79	J	360	27
207-08-9	Benzo[k]fluoranthene	140		36	2.7
218-01-9	Chrysene	230	J	360	42
53-70-3	Dibenz(a,h)anthracene	35	J	36	4.6
132-64-9	Dibenzofuran	360	U	360	42
206-44-0	Fluoranthene	360		360	48
86-73-7	Fluorene	360	U	360	46
118-74-1	Hexachlorobenzene	36	U	36	5.0
193-39-5	Indeno[1,2,3-cd]pyrene	91		36	6.7
91-20-3	Naphthalene	360	U	360	42
87-86-5	Pentachlorophenol	730	U	730	110
85-01-8	Phenanthrene	140	J	360	46
108-95-2	Phenol	360	U	360	49
129-00-0	Pyrene	280	J	360	30

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	84		19-114
321-60-8	2-Fluorobiphenyl	101		49-112
367-12-4	2-Fluorophenol (Surr)	75		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	95		40-106
4165-62-2	Phenol-d5 (Surr)	72		44-104
1718-51-0	Terphenyl-d14 (Surr)	86		41-145

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: UST1-SW3 (5-6) Lab Sample ID: 460-77244-4
 Matrix: Solid Lab File ID: L1150467.D
 Analysis Method: 8270D Date Collected: 06/04/2014 09:25
 Extract. Method: 3541 Date Extracted: 06/05/2014 20:42
 Sample wt/vol: 15.01(g) Date Analyzed: 06/11/2014 04:15
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 10.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229737 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	370	U	370	63
15831-10-4	3 & 4 Methylphenol	370	U	370	63
83-32-9	Acenaphthene	370	U	370	54
208-96-8	Acenaphthylene	370	U	370	44
120-12-7	Anthracene	370	U	370	45
56-55-3	Benzo[a]anthracene	81		37	2.6
50-32-8	Benzo[a]pyrene	110		37	2.6
205-99-2	Benzo[b]fluoranthene	180		37	2.3
191-24-2	Benzo[g,h,i]perylene	51	J	370	27
207-08-9	Benzo[k]fluoranthene	65		37	2.8
218-01-9	Chrysene	120	J	370	43
53-70-3	Dibenz(a,h)anthracene	25	J	37	4.7
132-64-9	Dibenzofuran	370	U	370	43
206-44-0	Fluoranthene	180	J	370	49
86-73-7	Fluorene	370	U	370	47
118-74-1	Hexachlorobenzene	37	U	37	5.1
193-39-5	Indeno[1,2,3-cd]pyrene	53		37	6.9
91-20-3	Naphthalene	370	U	370	43
87-86-5	Pentachlorophenol	750	U	750	110
85-01-8	Phenanthrene	56	J	370	47
108-95-2	Phenol	370	U	370	50
129-00-0	Pyrene	150	J	370	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	82		19-114
321-60-8	2-Fluorobiphenyl	100		49-112
367-12-4	2-Fluorophenol (Surr)	73		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	94		40-106
4165-62-2	Phenol-d5 (Surr)	69		44-104
1718-51-0	Terphenyl-d14 (Surr)	94		41-145

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG No.: _____

Client Sample ID: UST1-SW4 (5-6)

Lab Sample ID: 460-77244-5

Matrix: Solid

Lab File ID: L1150468.D

Analysis Method: 8270D

Date Collected: 06/04/2014 09:30

Extract. Method: 3541

Date Extracted: 06/05/2014 20:42

Sample wt/vol: 15.00(g)

Date Analyzed: 06/11/2014 04:42

Con.. Extract Vol.: 1(mL)

Dilution Factor: 1

Injection Volume: 1(uL)

Level: (low/med) Low

% Moisture: 12.3

GPC Cleanup: (Y/N) N

Analysis Batch No.: 229737

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	380	U	380	64
15831-10-4	3 & 4 Methylphenol	380	U	380	64
83-32-9	Acenaphthene	380	U	380	55
208-96-8	Acenaphthylene	380	U	380	45
120-12-7	Anthracene	380	U	380	46
56-55-3	Benzo[a]anthracene	100		38	2.6
50-32-8	Benzo[a]pyrene	130		38	2.7
205-99-2	Benzo[b]fluoranthene	210		38	2.4
191-24-2	Benzo[g,h,i]perylene	57	J	380	28
207-08-9	Benzo[k]fluoranthene	90		38	2.9
218-01-9	Chrysene	130	J	380	44
53-70-3	Dibenz(a,h)anthracene	38	U	38	4.8
132-64-9	Dibenzofuran	380	U	380	44
206-44-0	Fluoranthene	240	J	380	50
86-73-7	Fluorene	380	U	380	48
118-74-1	Hexachlorobenzene	38	U	38	5.2
193-39-5	Indeno[1,2,3-cd]pyrene	64		38	7.0
91-20-3	Naphthalene	380	U	380	44
87-86-5	Pentachlorophenol	760	U	760	110
85-01-8	Phenanthrene	78	J	380	48
108-95-2	Phenol	380	U	380	51
129-00-0	Pyrene	190	J	380	32

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	96		19-114
321-60-8	2-Fluorobiphenyl	106		49-112
367-12-4	2-Fluorophenol (Surr)	77		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	97		40-106
4165-62-2	Phenol-d5 (Surr)	72		44-104
1718-51-0	Terphenyl-d14 (Surr)	105		41-145

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG No.: _____

Client Sample ID: UST1-B1 (7)

Lab Sample ID: 460-77244-6

Matrix: Solid

Lab File ID: L1150456.D

Analysis Method: 8270D

Date Collected: 06/04/2014 09:15

Extract. Method: 3541

Date Extracted: 06/05/2014 20:42

Sample wt/vol: 15.04(g)

Date Analyzed: 06/10/2014 23:19

Con. Extract Vol.: 1(mL)

Dilution Factor: 1

Injection Volume: 1(uL)

Level: (low/med) Low

% Moisture: 10.0

GPC Cleanup: (Y/N) N

Analysis Batch No.: 229737

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	370	U	370	63
15831-10-4	3 & 4 Methylphenol	370	U	370	63
83-32-9	Acenaphthene	370	U	370	53
208-96-8	Acenaphthylene	370	U	370	43
120-12-7	Anthracene	370	U	370	45
56-55-3	Benzo[a]anthracene	300		37	2.6
50-32-8	Benzo[a]pyrene	370		37	2.6
205-99-2	Benzo[b]fluoranthene	520		37	2.3
191-24-2	Benzo[g,h,i]perylene	170	J	370	27
207-08-9	Benzo[k]fluoranthene	200		37	2.8
218-01-9	Chrysene	440		370	43
53-70-3	Dibenz(a,h)anthracene	63		37	4.6
132-64-9	Dibenzofuran	370	U	370	43
206-44-0	Fluoranthene	570		370	49
86-73-7	Fluorene	370	U	370	47
118-74-1	Hexachlorobenzene	37	U	37	5.0
193-39-5	Indeno[1,2,3-cd]pyrene	200		37	6.8
91-20-3	Naphthalene	370	U	370	42
87-86-5	Pentachlorophenol	740	U	740	110
85-01-8	Phenanthrene	290	J	370	47
108-95-2	Phenol	370	U	370	49
129-00-0	Pyrene	670		370	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	90		19-114
321-60-8	2-Fluorobiphenyl	106		49-112
367-12-4	2-Fluorophenol (Surr)	81		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	99		40-106
4165-62-2	Phenol-d5 (Surr)	79		44-104
1718-51-0	Terphenyl-d14 (Surr)	113		41-145

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG No.: _____

Client Sample ID: HL1-SW1 (6-7)

Lab Sample ID: 460-77244-7

Matrix: Solid

Lab File ID: L1150346.D

Analysis Method: 8270D

Date Collected: 06/04/2014 10:55

Extract. Method: 3541

Date Extracted: 06/05/2014 20:42

Sample wt/vol: 15.00(g)

Date Analyzed: 06/07/2014 21:04

Con. Extract Vol.: 1(mL)

Dilution Factor: 1

Injection Volume: 1(uL)

Level: (low/med) Low

% Moisture: 9.0

GPC Cleanup: (Y/N) N

Analysis Batch No.: 229193

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	360	U	360	62
15831-10-4	3 & 4 Methylphenol	360	U	360	62
83-32-9	Acenaphthene	360	U	360	53
208-96-8	Acenaphthylene	360	U	360	43
120-12-7	Anthracene	360	U	360	44
56-55-3	Benzo[a]anthracene	140	J+	36	2.5
50-32-8	Benzo[a]pyrene	170	J+	36	2.6
205-99-2	Benzo[b]fluoranthene	230	J+	36	2.3
191-24-2	Benzo[g,h,i]perylene	99	J+	360	27
207-08-9	Benzo[k]fluoranthene	110	J+	36	2.8
218-01-9	Chrysene	190	J+	360	42
53-70-3	Dibenz(a,h)anthracene	39	J+	36	4.6
132-64-9	Dibenzofuran	360	U	360	43
206-44-0	Fluoranthene	230	J+	360	48
86-73-7	Fluorene	360	U	360	46
118-74-1	Hexachlorobenzene	36	U	36	5.0
193-39-5	Indeno[1,2,3-cd]pyrene	120	J+	36	6.8
91-20-3	Naphthalene	360	U	360	42
87-86-5	Pentachlorophenol	740	U	740	110
85-01-8	Phenanthrene	110	J+	360	46
108-95-2	Phenol	360	U	360	49
129-00-0	Pyrene	300	J+	360	30

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	88		19-114
321-60-8	2-Fluorobiphenyl	115	*	49-112
367-12-4	2-Fluorophenol (Surr)	88		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	104		40-106
4165-62-2	Phenol-d5 (Surr)	90		44-104
1718-51-0	Terphenyl-d14 (Surr)	124		41-145

Handwritten: JAP
12/2/15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG No.: _____

Client Sample ID: HL1-SW2 (6-7)

Lab Sample ID: 460-77244-8

Matrix: Solid

Lab File ID: L1150347.D

Analysis Method: 8270D

Date Collected: 06/04/2014 11:00

Extract. Method: 3541

Date Extracted: 06/05/2014 20:42

Sample wt/vol: 15.02(g)

Date Analyzed: 06/07/2014 21:29

Con. Extract Vol.: 1(mL)

Dilution Factor: 1

Injection Volume: 1(uL)

Level: (low/med) Low

% Moisture: 7.7

GPC Cleanup: (Y/N) N

Analysis Batch No.: 229193

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	360	U	360	61
15831-10-4	3 & 4 Methylphenol	360	U	360	61
83-32-9	Acenaphthene	360	U	360	52
208-96-8	Acenaphthylene	360	U	360	42
120-12-7	Anthracene	360	U	360	43
56-55-3	Benzo[a]anthracene	100	J+	36	2.5
50-32-8	Benzo[a]pyrene	130	J+	36	2.5
205-99-2	Benzo[b]fluoranthene	190	J+	36	2.3
191-24-2	Benzo[g,h,i]perylene	79	J+	360	27
207-08-9	Benzo[k]fluoranthene	67	J+	36	2.7
218-01-9	Chrysene	150	J+	360	42
53-70-3	Dibenz(a,h)anthracene	36	U	36	4.5
132-64-9	Dibenzofuran	360	U	360	42
206-44-0	Fluoranthene	170	J+	360	48
86-73-7	Fluorene	360	U	360	46
118-74-1	Hexachlorobenzene	36	U	36	4.9
193-39-5	Indeno[1,2,3-cd]pyrene	95	J+	36	6.7
91-20-3	Naphthalene	360	U	360	41
87-86-5	Pentachlorophenol	720	U	720	110
85-01-8	Phenanthrene	75	J+	360	46
108-95-2	Phenol	360	U	360	48
129-00-0	Pyrene	240	J+	360	30

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	90		19-114
321-60-8	2-Fluorobiphenyl	113	*	49-112
367-12-4	2-Fluorophenol (Surr)	88		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	103		40-106
4165-62-2	Phenol-d5 (Surr)	90		44-104
1718-51-0	Terphenyl-d14 (Surr)	134		41-145

John 6/12/15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG No.: _____

Client Sample ID: HL1-SW3 (6-7)

Lab Sample ID: 460-77244-9

Matrix: Solid

Lab File ID: L1150354.D

Analysis Method: 8270D

Date Collected: 06/04/2014 11:05

Extract. Method: 3541

Date Extracted: 06/05/2014 20:42

Sample wt/vol: 15.03(g)

Date Analyzed: 06/08/2014 00:29

Con. Extract Vol.: 1(mL)

Dilution Factor: 1

Injection Volume: 1(uL)

Level: (low/med) Low

% Moisture: 8.3

GPC Cleanup: (Y/N) N

Analysis Batch No.: 229193

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	360	U	360	61
15831-10-4	3 & 4 Methylphenol	360	U	360	61
83-32-9	Acenaphthene	360	U	360	52
208-96-8	Acenaphthylene	360	U	360	43
120-12-7	Anthracene	360	U	360	44
56-55-3	Benzo[a]anthracene	150	J+	36	2.5
50-32-8	Benzo[a]pyrene	160	J+	36	2.5
205-99-2	Benzo[b]fluoranthene	260	J+	36	2.3
191-24-2	Benzo[g,h,i]perylene	62	J+	360	27
207-08-9	Benzo[k]fluoranthene	110	J+	36	2.7
218-01-9	Chrysene	190	J+	360	42
53-70-3	Dibenz(a,h)anthracene	30	J+	36	4.5
132-64-9	Dibenzofuran	360	U	360	42
206-44-0	Fluoranthene	250	J+	360	48
86-73-7	Fluorene	360	U	360	46
118-74-1	Hexachlorobenzene	36	U	36	4.9
193-39-5	Indeno[1,2,3-cd]pyrene	78	J+	36	6.7
91-20-3	Naphthalene	360	U	360	42
87-86-5	Pentachlorophenol	730	U	730	110
85-01-8	Phenanthrene	120	J+	360	46
108-95-2	Phenol	360	U	360	48
129-00-0	Pyrene	230	J+	360	30

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	84		19-114
321-60-8	2-Fluorobiphenyl	117	*	49-112
367-12-4	2-Fluorophenol (Surr)	85		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	101		40-106
4165-62-2	Phenol-d5 (Surr)	86		44-104
1718-51-0	Terphenyl-d14 (Surr)	92		41-145

John 12/21/15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG No.: _____

Client Sample ID: HL1-SW4 (6-7)

Lab Sample ID: 460-77244-10

Matrix: Solid

Lab File ID: L1150482.D

Analysis Method: 8270D

Date Collected: 06/04/2014 11:10

Extract. Method: 3541

Date Extracted: 06/05/2014 20:42

Sample wt/vol: 15.02(g)

Date Analyzed: 06/11/2014 12:11

Con. Extract Vol.: 1(mL)

Dilution Factor: 2

Injection Volume: 1(uL)

Level: (low/med) Low

% Moisture: 8.0

GPC Cleanup: (Y/N) N

Analysis Batch No.: 229833

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	720	U	720	120
15831-10-4	3 & 4 Methylphenol	720	U	720	120
83-32-9	Acenaphthene	870		720	100
208-96-8	Acenaphthylene	720	U	720	85
120-12-7	Anthracene	2200		720	87
56-55-3	Benzo[a]anthracene	3300		72	5.0
50-32-8	Benzo[a]pyrene	2900		72	5.1
205-99-2	Benzo[b]fluoranthene	3700		72	4.5
191-24-2	Benzo[g,h,i]perylene	1000		720	53
207-08-9	Benzo[k]fluoranthene	1500		72	5.4
218-01-9	Chrysene	3400		720	84
53-70-3	Dibenz(a,h)anthracene	300		72	9.1
132-64-9	Dibenzofuran	410	J	720	84
206-44-0	Fluoranthene	9400		720	96
86-73-7	Fluorene	810		720	92
118-74-1	Hexachlorobenzene	72	U	72	9.8
193-39-5	Indeno[1,2,3-cd]pyrene	1300	J	72	13
91-20-3	Naphthalene	720	U	720	83
87-86-5	Pentachlorophenol	1500	U	1500	210
85-01-8	Phenanthrene	8600		720	91
108-95-2	Phenol	720	U	720	96
129-00-0	Pyrene	6100		720	60

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	101		19-114
321-60-8	2-Fluorobiphenyl	103		49-112
367-12-4	2-Fluorophenol (Surr)	79		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	96		40-106
4165-62-2	Phenol-d5 (Surr)	77		44-104
1718-51-0	Terphenyl-d14 (Surr)	92		41-145

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG No.: _____

Client Sample ID: HL1-B1 (8)

Lab Sample ID: 460-77244-11

Matrix: Solid

Lab File ID: L1150345.D

Analysis Method: 8270D

Date Collected: 06/04/2014 10:50

Extract. Method: 3541

Date Extracted: 06/05/2014 20:42

Sample wt/vol: 15.04(g)

Date Analyzed: 06/07/2014 20:38

Con. Extract Vol.: 1(mL)

Dilution Factor: 1

Injection Volume: 1(uL)

Level: (low/med) Low

% Moisture: 8.4

GPC Cleanup: (Y/N) N

Analysis Batch No.: 229193

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	360	U	360	61
15831-10-4	3 & 4 Methylphenol	360	U	360	61
83-32-9	Acenaphthene	360	U	360	52
208-96-8	Acenaphthylene	360	U	360	43
120-12-7	Anthracene	360	U	360	44
56-55-3	Benzo[a]anthracene	86	J +	36	2.5
50-32-8	Benzo[a]pyrene	100	J +	36	2.5
205-99-2	Benzo[b]fluoranthene	140	J +	36	2.3
191-24-2	Benzo[g,h,i]perylene	60	J +	360	27
207-08-9	Benzo[k]fluoranthene	53	J +	36	2.7
218-01-9	Chrysene	110	J +	360	42
53-70-3	Dibenz(a,h)anthracene	36	U	36	4.5
132-64-9	Dibenzofuran	360	U	360	42
206-44-0	Fluoranthene	130	J +	360	48
86-73-7	Fluorene	360	U	360	46
118-74-1	Hexachlorobenzene	36	U	36	4.9
193-39-5	Indeno[1,2,3-cd]pyrene	72	J +	36	6.7
91-20-3	Naphthalene	360	U	360	42
87-86-5	Pentachlorophenol	730	U	730	110
85-01-8	Phenanthrene	71	J	360	46
108-95-2	Phenol	360	U	360	48
129-00-0	Pyrene	170	J	360	30

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	85		19-114
321-60-8	2-Fluorobiphenyl	114	*	49-112
367-12-4	2-Fluorophenol (Surr)	86		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	103		40-106
4165-62-2	Phenol-d5 (Surr)	88		44-104
1718-51-0	Terphenyl-d14 (Surr)	119		41-145

John 12/2/15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG No.: _____

Client Sample ID: EX1-SW1 (6-7)

Lab Sample ID: 460-77244-12

Matrix: Solid

Lab File ID: L1150338.D

Analysis Method: 8270D

Date Collected: 06/04/2014 14:10

Extract. Method: 3541

Date Extracted: 06/05/2014 20:42

Sample wt/vol: 15.03(g)

Date Analyzed: 06/07/2014 17:38

Con. Extract Vol.: 1(mL)

Dilution Factor: 1

Injection Volume: 1(uL)

Level: (low/med) Low

% Moisture: 7.5

GPC Cleanup: (Y/N) N

Analysis Batch No.: 229193

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	360	U	360	61
15831-10-4	3 & 4 Methylphenol	360	U	360	61
83-32-9	Acenaphthene	360	U	360	52
208-96-8	Acenaphthylene	360	U	360	42
120-12-7	Anthracene	360	U	360	43
56-55-3	Benzo[a]anthracene	36	U	36	2.5
50-32-8	Benzo[a]pyrene	36	U	36	2.5
205-99-2	Benzo[b]fluoranthene	36	U	36	2.3
191-24-2	Benzo[g,h,i]perylene	360	U	360	26
207-08-9	Benzo[k]fluoranthene	36	U	36	2.7
218-01-9	Chrysene	360	U	360	42
53-70-3	Dibenz(a,h)anthracene	36	U	36	4.5
132-64-9	Dibenzofuran	360	U	360	42
206-44-0	Fluoranthene	360	U	360	48
86-73-7	Fluorene	360	U	360	46
118-74-1	Hexachlorobenzene	36	U	36	4.9
193-39-5	Indeno[1,2,3-cd]pyrene	36	U	36	6.6
91-20-3	Naphthalene	360	U	360	41
87-86-5	Pentachlorophenol	720	U	720	110
85-01-8	Phenanthrene	360	U	360	45
108-95-2	Phenol	360	U	360	48
129-00-0	Pyrene	360	U	360	30

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	99		19-114
321-60-8	2-Fluorobiphenyl	105		49-112
367-12-4	2-Fluorophenol (Surr)	86		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	99		40-106
4165-62-2	Phenol-d5 (Surr)	89		44-104
1718-51-0	Terphenyl-d14 (Surr)	151	*	41-145

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG No.: _____

Client Sample ID: EX1-SW2 (6-7)

Lab Sample ID: 460-77244-13

Matrix: Solid

Lab File ID: L1150341.D

Analysis Method: 8270D

Date Collected: 06/04/2014 14:15

Extract. Method: 3541

Date Extracted: 06/05/2014 20:42

Sample wt/vol: 15.04(g)

Date Analyzed: 06/07/2014 18:55

Con. Extract Vol.: 1(mL)

Dilution Factor: 1

Injection Volume: 1(uL)

Level: (low/med) Low

% Moisture: 13.0

GPC Cleanup: (Y/N) N

Analysis Batch No.: 229193

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	380	U	380	65
15831-10-4	3 & 4 Methylphenol	380	U	380	65
83-32-9	Acenaphthene	380	U	380	55
208-96-8	Acenaphthylene	380	U	380	45
120-12-7	Anthracene	380	U	380	46
56-55-3	Benzo[a]anthracene	85	J+	38	2.6
50-32-8	Benzo[a]pyrene	96	J+	38	2.7
205-99-2	Benzo[b]fluoranthene	130	J+	38	2.4
191-24-2	Benzo[g,h,i]perylene	83	J+	380	28
207-08-9	Benzo[k]fluoranthene	63	J+	38	2.9
218-01-9	Chrysene	110	J+	380	44
53-70-3	Dibenz(a,h)anthracene	38	U	38	4.8
132-64-9	Dibenzofuran	380	U	380	44
206-44-0	Fluoranthene	130	J+	380	51
86-73-7	Fluorene	380	U	380	48
118-74-1	Hexachlorobenzene	38	U	38	5.2
193-39-5	Indeno[1,2,3-cd]pyrene	96	J+	38	7.0
91-20-3	Naphthalene	380	U	380	44
87-86-5	Pentachlorophenol	770	U	770	110
85-01-8	Phenanthrene	54	J+	380	48
108-95-2	Phenol	380	U	380	51
129-00-0	Pyrene	190	J+	380	32

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	92		19-114
321-60-8	2-Fluorobiphenyl	108		49-112
367-12-4	2-Fluorophenol (Surr)	85		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	101		40-106
4165-62-2	Phenol-d5 (Surr)	87		44-104
1718-51-0	Terphenyl-d14 (Surr)	146	*	41-145

80K
12/2/15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG No.: _____

Client Sample ID: EX1-SW3 (6-7)

Lab Sample ID: 460-77244-14

Matrix: Solid

Lab File ID: L1150457.D

Analysis Method: 8270D

Date Collected: 06/04/2014 14:20

Extract. Method: 3541

Date Extracted: 06/05/2014 20:42

Sample wt/vol: 15.00(g)

Date Analyzed: 06/10/2014 23:46

Con. Extract Vol.: 1(mL)

Dilution Factor: 1

Injection Volume: 1(uL)

Level: (low/med) Low

% Moisture: 8.0

GPC Cleanup: (Y/N) N

Analysis Batch No.: 229737

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	360	U	360	61
15831-10-4	3 & 4 Methylphenol	360	U	360	61
83-32-9	Acenaphthene	360	U	360	52
208-96-8	Acenaphthylene	44	J	360	42
120-12-7	Anthracene	62	J	360	44
56-55-3	Benzo[a]anthracene	490		36	2.5
50-32-8	Benzo[a]pyrene	570		36	2.5
205-99-2	Benzo[b]fluoranthene	790		36	2.3
191-24-2	Benzo[g,h,i]perylene	270	J	360	27
207-08-9	Benzo[k]fluoranthene	380		36	2.7
218-01-9	Chrysene	660		360	42
53-70-3	Dibenz(a,h)anthracene	84		36	4.5
132-64-9	Dibenzofuran	360	U	360	42
206-44-0	Fluoranthene	880		360	48
86-73-7	Fluorene	360	U	360	46
118-74-1	Hexachlorobenzene	36	U	36	4.9
193-39-5	Indeno[1,2,3-cd]pyrene	310		36	6.7
91-20-3	Naphthalene	360	U	360	42
87-86-5	Pentachlorophenol	730	U	730	110
85-01-8	Phenanthrene	380		360	46
108-95-2	Phenol	360	U	360	48
129-00-0	Pyrene	950		360	30

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	83		19-114
321-60-8	2-Fluorobiphenyl	100		49-112
367-12-4	2-Fluorophenol (Surr)	76		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	93		40-106
4165-62-2	Phenol-d5 (Surr)	75		44-104
1718-51-0	Terphenyl-d14 (Surr)	103		41-145

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: EX1-SW4(6-7) Lab Sample ID: 460-77251-1
 Matrix: Solid Lab File ID: L1150348.D
 Analysis Method: 8270D Date Collected: 06/04/2014 14:25
 Extract. Method: 3541 Date Extracted: 06/05/2014 20:42
 Sample wt/vol: 15.01(g) Date Analyzed: 06/07/2014 21:55
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 7.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229193 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	360	U	360	61
15831-10-4	3 & 4 Methylphenol	360	U	360	61
83-32-9	Acenaphthene	360	U	360	52
208-96-8	Acenaphthylene	360	U	360	42
120-12-7	Anthracene	360	U	360	44
56-55-3	Benzo[a]anthracene	59		36	2.5
50-32-8	Benzo[a]pyrene	69		36	2.5
205-99-2	Benzo[b]fluoranthene	95		36	2.3
191-24-2	Benzo[g,h,i]perylene	36	J	360	27
207-08-9	Benzo[k]fluoranthene	46		36	2.7
218-01-9	Chrysene	85	J	360	42
53-70-3	Dibenz(a,h)anthracene	36	U	36	4.5
132-64-9	Dibenzofuran	360	U	360	42
206-44-0	Fluoranthene	97	J	360	48
86-73-7	Fluorene	360	U	360	46
118-74-1	Hexachlorobenzene	36	U	36	4.9
193-39-5	Indeno[1,2,3-cd]pyrene	43		36	6.7
91-20-3	Naphthalene	360	U	360	42
87-86-5	Pentachlorophenol	730	U	730	110
85-01-8	Phenanthrene	64	J	360	46
108-95-2	Phenol	360	U	360	48
129-00-0	Pyrene	110	J	360	30

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	81		19-114
321-60-8	2-Fluorobiphenyl	112		49-112
367-12-4	2-Fluorophenol (Surr)	83		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	98		40-106
4165-62-2	Phenol-d5 (Surr)	87		44-104
1718-51-0	Terphenyl-d14 (Surr)	99		41-145

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG No.:

Client Sample ID: EX1-B1(8)

Lab Sample ID: 460-77251-2

Matrix: Solid

Lab File ID: L1150339.D

Analysis Method: 8270D

Date Collected: 06/04/2014 14:30

Extract. Method: 3541

Date Extracted: 06/05/2014 20:42

Sample wt/vol: 15.04(g)

Date Analyzed: 06/07/2014 18:04

Con. Extract Vol.: 1(mL)

Dilution Factor: 1

Injection Volume: 1(uL)

Level: (low/med) Low

% Moisture: 7.6

GPC Cleanup: (Y/N) N

Analysis Batch No.: 229193

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	360	U	360	61
15831-10-4	3 & 4 Methylphenol	360	U	360	61
83-32-9	Acenaphthene	360	U	360	52
208-96-8	Acenaphthylene	360	U	360	42
120-12-7	Anthracene	360	U	360	43
56-55-3	Benzo[a]anthracene	36	U	36	2.5
50-32-8	Benzo[a]pyrene	46		36	2.5
205-99-2	Benzo[b]fluoranthene	74		36	2.3
191-24-2	Benzo[g,h,i]perylene	39	J	360	26
207-08-9	Benzo[k]fluoranthene	25	J	36	2.7
218-01-9	Chrysene	56	J	360	42
53-70-3	Dibenz(a,h)anthracene	36	U	36	4.5
132-64-9	Dibenzofuran	360	U	360	42
206-44-0	Fluoranthene	70	J	360	48
86-73-7	Fluorene	360	U	360	46
118-74-1	Hexachlorobenzene	36	U	36	4.9
193-39-5	Indeno[1,2,3-cd]pyrene	43		36	6.6
91-20-3	Naphthalene	360	U	360	41
87-86-5	Pentachlorophenol	720	U	720	110
85-01-8	Phenanthrene	360	U	360	45
108-95-2	Phenol	360	U	360	48
129-00-0	Pyrene	110	J	360	30

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	90		19-114
321-60-8	2-Fluorobiphenyl	103		49-112
367-12-4	2-Fluorophenol (Surr)	84		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	97		40-106
4165-62-2	Phenol-d5 (Surr)	88		44-104
1718-51-0	Terphenyl-d14 (Surr)	143		41-145

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG No.: _____

Client Sample ID: EX1-A(8)

Lab Sample ID: 460-77251-3

Matrix: Solid

Lab File ID: L1150349.D

Analysis Method: 8270D

Date Collected: 06/04/2014 14:35

Extract. Method: 3541

Date Extracted: 06/05/2014 20:42

Sample wt/vol: 15.00(g)

Date Analyzed: 06/07/2014 22:21

Con. Extract Vol.: 1(mL)

Dilution Factor: 1

Injection Volume: 1(uL)

Level: (low/med) Low

% Moisture: 7.8

GPC Cleanup: (Y/N) N

Analysis Batch No.: 229193

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	360	U	360	61
15831-10-4	3 & 4 Methylphenol	360	U	360	61
83-32-9	Acenaphthene	360	U	360	52
208-96-8	Acenaphthylene	360	U	360	42
120-12-7	Anthracene	360	U	360	44
56-55-3	Benzo[a]anthracene	81	J+	36	2.5
50-32-8	Benzo[a]pyrene	97	J+	36	2.5
205-99-2	Benzo[b]fluoranthene	140	J+	36	2.3
191-24-2	Benzo[g,h,i]perylene	53	J+	360	27
207-08-9	Benzo[k]fluoranthene	56	J+	36	2.7
218-01-9	Chrysene	110	J+	360	42
53-70-3	Dibenz(a,h)anthracene	27	J+	36	4.5
132-64-9	Dibenzofuran	360	U	360	42
206-44-0	Fluoranthene	130	J+	360	48
86-73-7	Fluorene	360	U	360	46
118-74-1	Hexachlorobenzene	36	U	36	4.9
193-39-5	Indeno[1,2,3-cd]pyrene	65	J+	36	6.7
91-20-3	Naphthalene	360	U	360	42
87-86-5	Pentachlorophenol	730	U	730	110
85-01-8	Phenanthrene	61	J+	360	46
108-95-2	Phenol	360	U	360	48
129-00-0	Pyrene	160	J+	360	30

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	82		19-114
321-60-8	2-Fluorobiphenyl	116	*	49-112
367-12-4	2-Fluorophenol (Surr)	89		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	104		40-106
4165-62-2	Phenol-d5 (Surr)	92		44-104
1718-51-0	Terphenyl-d14 (Surr)	116		41-145

for
12/2/15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG No.:

Client Sample ID: ST1-1C

Lab Sample ID: 460-77251-6

Matrix: Solid

Lab File ID: L1150434.D

Analysis Method: 8270D

Date Collected: 06/04/2014 14:50

Extract. Method: 3541

Date Extracted: 06/08/2014 10:38

Sample wt/vol: 15.03(g)

Date Analyzed: 06/10/2014 08:41

Con. Extract Vol.: 1(mL)

Dilution Factor: 1

Injection Volume: 1(uL)

Level: (low/med) Low

% Moisture: 7.5

GPC Cleanup: (Y/N) N

Analysis Batch No.: 229528

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	360	U	360	61
15831-10-4	3 & 4 Methylphenol	360	U UJ	360	61
83-32-9	Acenaphthene	360	U	360	52
208-96-8	Acenaphthylene	360	U	360	42
120-12-7	Anthracene	360	U	360	43
56-55-3	Benzo[a]anthracene	34	J	36	2.5
50-32-8	Benzo[a]pyrene	42		36	2.5
205-99-2	Benzo[b]fluoranthene	53		36	2.3
191-24-2	Benzo[g,h,i]perylene	33	J	360	26
207-08-9	Benzo[k]fluoranthene	32	J	36	2.7
218-01-9	Chrysene	54	J	360	42
53-70-3	Dibenz(a,h)anthracene	36	U	36	4.5
132-64-9	Dibenzofuran	360	U	360	42
206-44-0	Fluoranthene	65	J	360	48
86-73-7	Fluorene	360	U	360	46
118-74-1	Hexachlorobenzene	36	U	36	4.9
193-39-5	Indeno[1,2,3-cd]pyrene	34	J	36	6.6
91-20-3	Naphthalene	360	U	360	41
87-86-5	Pentachlorophenol	720	U	720	110
85-01-8	Phenanthrene	360	U	360	45
108-95-2	Phenol	360	U	360	48
129-00-0	Pyrene	82	J	360	30

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	64		19-114
321-60-8	2-Fluorobiphenyl	93		49-112
367-12-4	2-Fluorophenol (Surr)	70		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	86		40-106
4165-62-2	Phenol-d5 (Surr)	67		44-104
1718-51-0	Terphenyl-d14 (Surr)	108		41-145

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG No.: _____

Client Sample ID: ST2-1 DL

Lab Sample ID: 460-77251-7 DL

Matrix: Solid

Lab File ID: L1150370.D

Analysis Method: 8270D

Date Collected: 06/04/2014 15:40

Extract. Method: 3541

Date Extracted: 06/05/2014 20:42

Sample wt/vol: 15.02(g)

Date Analyzed: 06/08/2014 16:12

Con. Extract Vol.: 1(mL)

Dilution Factor: 10

Injection Volume: 1(uL)

Level: (low/med) Low

% Moisture: 8.7

GPC Cleanup: (Y/N) N

Analysis Batch No.: 229249

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	3600	U	3600	620
15831-10-4	3 & 4 Methylphenol	3600	U UT	3600	620
83-32-9	Acenaphthene	3600	U	3600	530
208-96-8	Acenaphthylene	3600	U	3600	430
120-12-7	Anthracene	3600	U	3600	440
56-55-3	Benzo[a]anthracene	360	U	360	25
50-32-8	Benzo[a]pyrene	360	U	360	26
205-99-2	Benzo[b]fluoranthene	360	U	360	23
191-24-2	Benzo[g,h,i]perylene	3600	U	3600	270
207-08-9	Benzo[k]fluoranthene	360	U	360	27
218-01-9	Chrysene	3600	U	3600	420
53-70-3	Dibenz(a,h)anthracene	360	U	360	46
132-64-9	Dibenzofuran	3600	U	3600	420
206-44-0	Fluoranthene	3600	U	3600	480
86-73-7	Fluorene	3600	U	3600	460
118-74-1	Hexachlorobenzene	360	U	360	49
193-39-5	Indeno[1,2,3-cd]pyrene	360	U	360	67
91-20-3	Naphthalene	3600	U	3600	420
87-86-5	Pentachlorophenol	7300	U	7300	1100
85-01-8	Phenanthrene	5400		3600	460
108-95-2	Phenol	3600	U	3600	490
129-00-0	Pyrene	3600	U	3600	300

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	85		19-114
321-60-8	2-Fluorobiphenyl	107		49-112
367-12-4	2-Fluorophenol (Surr)	74		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	86		40-106
4165-62-2	Phenol-d5 (Surr)	82		44-104
1718-51-0	Terphenyl-d14 (Surr)	83		41-145

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12/2/15

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG No.:

Client Sample ID: UST1-SW1 (5-6)

Lab Sample ID: 460-77244-2

Matrix: Solid

Lab File ID: VR492180.D

Analysis Method: 8081B

Date Collected: 06/04/2014 09:35

Extraction Method: 3546

Date Extracted: 06/06/2014 04:21

Sample wt/vol: 15.04(g)

Date Analyzed: 06/06/2014 17:20

Con. Extract Vol.: 10(mL)

Dilution Factor: 1

Injection Volume: 1(uL)

GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.1

GPC Cleanup: (Y/N) N

Analysis Batch No.: 229076

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.4	U	7.4	1.4
72-55-9	4,4'-DDE	7.4	U	7.4	1.4
50-29-3	4,4'-DDT	7.4	U	7.4	1.8
309-00-2	Aldrin	7.4	U	7.4	1.5
319-84-6	alpha-BHC	7.4	U	7.4	1.6
319-85-7	beta-BHC	7.4	U	7.4	1.8
57-74-9	Chlordane (technical)	7.4	U	7.4	21
319-86-8	delta-BHC	7.4	U	7.4	1.3
60-57-1	Dieldrin	7.4	U	7.4	1.3
959-98-8	Endosulfan I	7.4	U	7.4	1.6
33213-65-9	Endosulfan II	7.4	U	7.4	1.4
1031-07-8	Endosulfan sulfate	7.4	U	7.4	1.4
72-20-8	Endrin	7.4	U	7.4	1.8
7421-93-4	Endrin aldehyde	7.4	U	7.4	1.1
53494-70-5	Endrin ketone	7.4	U	7.4	1.4
58-89-9	gamma-BHC (Lindane)	7.4	U	7.4	1.3
76-44-8	Heptachlor	7.4	U	7.4	1.8
1024-57-3	Heptachlor epoxide	7.4	U	7.4	1.6
72-43-5	Methoxychlor	7.4	U	7.4	1.8
8001-35-2	Toxaphene	7.4	U	7.4	20
5103-71-9	alpha-Chlordane	7.4	U	7.4	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	113		76-149
877-09-8	Tetrachloro-m-xylene	92		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: UST1-SW2 (5-6) Lab Sample ID: 460-77244-3
 Matrix: Solid Lab File ID: VR492181.D
 Analysis Method: 8081B Date Collected: 06/04/2014 09:20
 Extraction Method: 3546 Date Extracted: 06/06/2014 04:21
 Sample wt/vol: 15.02(g) Date Analyzed: 06/06/2014 17:32
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: 8.9 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229076 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.3	U	7.3	1.4
72-55-9	4,4'-DDE	7.3	U	7.3	1.4
50-29-3	4,4'-DDT	7.3	U	7.3	1.8
309-00-2	Aldrin	7.3	U	7.3	1.5
319-84-6	alpha-BHC	7.3	U	7.3	1.6
319-85-7	beta-BHC	7.3	U	7.3	1.8
57-74-9	Chlordane (technical)	7.3	U	7.3	21
319-86-8	delta-BHC	7.3	U	7.3	1.3
60-57-1	Dieldrin	7.3	U	7.3	1.3
959-98-8	Endosulfan I	7.3	U	7.3	1.6
33213-65-9	Endosulfan II	7.3	U	7.3	1.4
1031-07-8	Endosulfan sulfate	7.3	U	7.3	1.4
72-20-8	Endrin	7.3	U	7.3	1.8
7421-93-4	Endrin aldehyde	7.3	U	7.3	1.1
53494-70-5	Endrin ketone	7.3	U	7.3	1.4
58-89-9	gamma-BHC (Lindane)	7.3	U	7.3	1.3
76-44-8	Heptachlor	7.3	U	7.3	1.8
1024-57-3	Heptachlor epoxide	7.3	U	7.3	1.6
72-43-5	Methoxychlor	7.3	U	7.3	1.8
8001-35-2	Toxaphene	7.3	U	7.3	20
5103-71-9	alpha-Chlordane	7.3	U	7.3	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		76-149
877-09-8	Tetrachloro-m-xylene	88		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG No.: _____

Client Sample ID: UST1-SW3 (5-6)

Lab Sample ID: 460-77244-4

Matrix: Solid

Lab File ID: VR492182.D

Analysis Method: 8081B

Date Collected: 06/04/2014 09:25

Extraction Method: 3546

Date Extracted: 06/06/2014 04:21

Sample wt/vol: 15.05(g)

Date Analyzed: 06/06/2014 17:44

Con. Extract Vol.: 10(mL)

Dilution Factor: 1

Injection Volume: 1(uL)

GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.7

GPC Cleanup: (Y/N) N

Analysis Batch No.: 229076

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.5	U	7.5	1.5
72-55-9	4,4'-DDE	7.5	U	7.5	1.5
50-29-3	4,4'-DDT	7.5	U	7.5	1.8
309-00-2	Aldrin	7.5	U	7.5	1.6
319-84-6	alpha-BHC	7.5	U	7.5	1.7
319-85-7	beta-BHC	7.5	U	7.5	1.8
57-74-9	Chlordane (technical)	75	U	75	21
319-86-8	delta-BHC	7.5	U	7.5	1.3
60-57-1	Dieldrin	7.5	U	7.5	1.3
959-98-8	Endosulfan I	7.5	U	7.5	1.7
33213-65-9	Endosulfan II	7.5	U	7.5	1.5
1031-07-8	Endosulfan sulfate	7.5	U	7.5	1.5
72-20-8	Endrin	7.5	U	7.5	1.8
7421-93-4	Endrin aldehyde	7.5	U	7.5	1.1
53494-70-5	Endrin ketone	7.5	U	7.5	1.5
58-89-9	gamma-BHC (Lindane)	7.5	U	7.5	1.3
76-44-8	Heptachlor	7.5	U	7.5	1.8
1024-57-3	Heptachlor epoxide	7.5	U	7.5	1.7
72-43-5	Methoxychlor	7.5	U	7.5	1.8
8001-35-2	Toxaphene	75	U	75	20
5103-71-9	alpha-Chlordane	7.5	U	7.5	1.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		76-149
877-09-8	Tetrachloro-m-xylene	107		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: UST1-SW4 (5-6) Lab Sample ID: 460-77244-5
 Matrix: Solid Lab File ID: VR492183.D
 Analysis Method: 8081B Date Collected: 06/04/2014 09:30
 Extraction Method: 3546 Date Extracted: 06/06/2014 04:21
 Sample wt/vol: 15.03(g) Date Analyzed: 06/06/2014 17:55
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: 12.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229076 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.6	U	7.6	1.5
72-55-9	4,4'-DDE	7.6	U	7.6	1.5
50-29-3	4,4'-DDT	7.6	U	7.6	1.8
309-00-2	Aldrin	7.6	U	7.6	1.6
319-84-6	alpha-BHC	7.6	U	7.6	1.7
319-85-7	beta-BHC	7.6	U	7.6	1.8
57-74-9	Chlordane (technical)	7.6	U	7.6	22
319-86-8	delta-BHC	7.6	U	7.6	1.4
60-57-1	Dieldrin	7.6	U	7.6	1.4
959-98-8	Endosulfan I	7.6	U	7.6	1.7
33213-65-9	Endosulfan II	7.6	U	7.6	1.5
1031-07-8	Endosulfan sulfate	7.6	U	7.6	1.5
72-20-8	Endrin	7.6	U	7.6	1.8
7421-93-4	Endrin aldehyde	7.6	U	7.6	1.1
53494-70-5	Endrin ketone	7.6	U	7.6	1.5
58-89-9	gamma-BHC (Lindane)	7.6	U	7.6	1.4
76-44-8	Heptachlor	7.6	U	7.6	1.8
1024-57-3	Heptachlor epoxide	7.6	U	7.6	1.7
72-43-5	Methoxychlor	7.6	U	7.6	1.8
8001-35-2	Toxaphene	7.6	U	7.6	20
5103-71-9	alpha-Chlordane	7.6	U	7.6	1.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	107		76-149
877-09-8	Tetrachloro-m-xylene	79		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-77244-1</u>
SDG No.: _____	
Client Sample ID: <u>UST1-B1 (7)</u>	Lab Sample ID: <u>460-77244-6</u>
Matrix: <u>Solid</u>	Lab File ID: <u>VR492184.D</u>
Analysis Method: <u>8081B</u>	Date Collected: <u>06/04/2014 09:15</u>
Extraction Method: <u>3546</u>	Date Extracted: <u>06/06/2014 04:21</u>
Sample wt/vol: <u>15.01(g)</u>	Date Analyzed: <u>06/06/2014 18:07</u>
Con. Extract Vol.: <u>10(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	GC Column: <u>CLP-1</u> ID: <u>0.53(mm)</u>
% Moisture: <u>10.0</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>229076</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.4	U	7.4	1.4
72-55-9	4,4'-DDE	7.4	U	7.4	1.4
309-00-2	Aldrin	7.4	U	7.4	1.6
319-84-6	alpha-BHC	7.4	U	7.4	1.7
319-85-7	beta-BHC	7.4	U	7.4	1.8
57-74-9	Chlordane (technical)	7.4	U	7.4	21
319-86-8	delta-BHC	7.4	U	7.4	1.3
60-57-1	Dieldrin	7.4	U	7.4	1.3
959-98-8	Endosulfan I	7.4	U	7.4	1.7
33213-65-9	Endosulfan II	7.4	U	7.4	1.4
1031-07-8	Endosulfan sulfate	7.4	U	7.4	1.4
72-20-8	Endrin	7.4	U	7.4	1.8
7421-93-4	Endrin aldehyde	7.4	U	7.4	1.1
53494-70-5	Endrin ketone	7.4	U	7.4	1.4
58-89-9	gamma-BHC (Lindane)	7.4	U	7.4	1.3
76-44-8	Heptachlor	7.4	U	7.4	1.8
1024-57-3	Heptachlor epoxide	7.4	U	7.4	1.7
72-43-5	Methoxychlor	7.4	U	7.4	1.8
8001-35-2	Toxaphene	7.4	U	7.4	20
5103-71-9	alpha-Chlordane	7.4	U	7.4	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	101		76-149
877-09-8	Tetrachloro-m-xylene	82		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
SDG No.: _____
Client Sample ID: UST1-B1 (7) Lab Sample ID: 460-77244-6
Matrix: Solid Lab File ID: VR492184.D
Analysis Method: 8081B Date Collected: 06/04/2014 09:15
Extraction Method: 3546 Date Extracted: 06/06/2014 04:21
Sample wt/vol: 15.01(g) Date Analyzed: 06/06/2014 18:07
Con. Extract Vol.: 10 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: 10.0 GPC Cleanup: (Y/N) N
Analysis Batch No.: 229076 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-29-3	4,4'-DDT	13		7.4	1.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	101		76-149
877-09-8	Tetrachloro-m-xylene	94		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-77244-1</u>
SDG No.: _____	
Client Sample ID: <u>HL1-SW1 (6-7)</u>	Lab Sample ID: <u>460-77244-7</u>
Matrix: <u>Solid</u>	Lab File ID: <u>VR492185.D</u>
Analysis Method: <u>8081B</u>	Date Collected: <u>06/04/2014 10:55</u>
Extraction Method: <u>3546</u>	Date Extracted: <u>06/06/2014 04:21</u>
Sample wt/vol: <u>15.02(g)</u>	Date Analyzed: <u>06/06/2014 18:18</u>
Con. Extract Vol.: <u>10(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	GC Column: <u>CLP-1</u> ID: <u>0.53(mm)</u>
% Moisture: <u>9.0</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>229076</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.3	U	7.3	1.4
72-55-9	4,4'-DDE	7.3	U	7.3	1.4
50-29-3	4,4'-DDT	7.3	U	7.3	1.8
309-00-2	Aldrin	7.3	U	7.3	1.5
319-84-6	alpha-BHC	7.3	U	7.3	1.6
319-85-7	beta-BHC	7.3	U	7.3	1.8
57-74-9	Chlordane (technical)	7.3	U	7.3	21
319-86-8	delta-BHC	7.3	U	7.3	1.3
60-57-1	Dieldrin	7.3	U	7.3	1.3
959-98-8	Endosulfan I	7.3	U	7.3	1.6
33213-65-9	Endosulfan II	7.3	U	7.3	1.4
1031-07-8	Endosulfan sulfate	7.3	U	7.3	1.4
72-20-8	Endrin	7.3	U	7.3	1.8
7421-93-4	Endrin aldehyde	7.3	U	7.3	1.1
53494-70-5	Endrin ketone	7.3	U	7.3	1.4
58-89-9	gamma-BHC (Lindane)	7.3	U	7.3	1.3
76-44-8	Heptachlor	7.3	U	7.3	1.8
1024-57-3	Heptachlor epoxide	7.3	U	7.3	1.6
72-43-5	Methoxychlor	7.3	U	7.3	1.8
8001-35-2	Toxaphene	7.3	U	7.3	20
5103-71-9	alpha-Chlordane	7.3	U	7.3	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		76-149
877-09-8	Tetrachloro-m-xylene	87		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: HL1-SW2 (6-7) Lab Sample ID: 460-77244-8
 Matrix: Solid Lab File ID: VR492186.D
 Analysis Method: 8081B Date Collected: 06/04/2014 11:00
 Extraction Method: 3546 Date Extracted: 06/06/2014 04:21
 Sample wt/vol: 15.00(g) Date Analyzed: 06/06/2014 18:30
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 7.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229076 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.3	U	7.3	1.4
72-55-9	4,4'-DDE	7.3	U	7.3	1.4
50-29-3	4,4'-DDT	7.3	U	7.3	1.7
309-00-2	Aldrin	7.3	U	7.3	1.5
319-84-6	alpha-BHC	7.3	U	7.3	1.6
319-85-7	beta-BHC	7.3	U	7.3	1.7
57-74-9	Chlordane (technical)	7.3	U	7.3	21
319-86-8	delta-BHC	7.3	U	7.3	1.3
60-57-1	Dieldrin	7.3	U	7.3	1.3
959-98-8	Endosulfan I	7.3	U	7.3	1.6
33213-65-9	Endosulfan II	7.3	U	7.3	1.4
1031-07-8	Endosulfan sulfate	7.3	U	7.3	1.4
72-20-8	Endrin	7.3	U	7.3	1.7
7421-93-4	Endrin aldehyde	7.3	U	7.3	1.1
53494-70-5	Endrin ketone	7.3	U	7.3	1.4
58-89-9	gamma-BHC (Lindane)	7.3	U	7.3	1.3
76-44-8	Heptachlor	7.3	U	7.3	1.7
1024-57-3	Heptachlor epoxide	7.3	U	7.3	1.6
72-43-5	Methoxychlor	7.3	U	7.3	1.7
8001-35-2	Toxaphene	7.3	U	7.3	20
5103-71-9	alpha-Chlordane	7.3	U	7.3	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	111		76-149
877-09-8	Tetrachloro-m-xylene	105		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: HL1-SW3 (6-7) Lab Sample ID: 460-77244-9
 Matrix: Solid Lab File ID: VR492187.D
 Analysis Method: 8081B Date Collected: 06/04/2014 11:05
 Extraction Method: 3546 Date Extracted: 06/06/2014 04:21
 Sample wt/vol: 15.04(g) Date Analyzed: 06/06/2014 18:41
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 8.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229076 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.3	U	7.3	1.4
72-55-9	4,4'-DDE	7.3	U	7.3	1.4
50-29-3	4,4'-DDT	7.3	U	7.3	1.7
309-00-2	Aldrin	7.3	U	7.3	1.5
319-84-6	alpha-BHC	7.3	U	7.3	1.6
319-85-7	beta-BHC	7.3	U	7.3	1.7
57-74-9	Chlordane (technical)	7.3	U	7.3	21
319-86-8	delta-BHC	7.3	U	7.3	1.3
60-57-1	Dieldrin	7.3	U	7.3	1.3
959-98-8	Endosulfan I	7.3	U	7.3	1.6
33213-65-9	Endosulfan II	7.3	U	7.3	1.4
1031-07-8	Endosulfan sulfate	7.3	U	7.3	1.4
72-20-8	Endrin	7.3	U	7.3	1.7
7421-93-4	Endrin aldehyde	7.3	U	7.3	1.1
53494-70-5	Endrin ketone	7.3	U	7.3	1.4
58-89-9	gamma-BHC (Lindane)	7.3	U	7.3	1.3
76-44-8	Heptachlor	7.3	U	7.3	1.7
1024-57-3	Heptachlor epoxide	7.3	U	7.3	1.6
72-43-5	Methoxychlor	7.3	U	7.3	1.7
8001-35-2	Toxaphene	7.3	U	7.3	20
5103-71-9	alpha-Chlordane	7.3	U	7.3	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		76-149
877-09-8	Tetrachloro-m-xylene	89		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG No.: _____

Client Sample ID: HL1-SW4 (6-7)

Lab Sample ID: 460-77244-10

Matrix: Solid

Lab File ID: VR492188.D

Analysis Method: 8081B

Date Collected: 06/04/2014 11:10

Extraction Method: 3546

Date Extracted: 06/06/2014 04:21

Sample wt/vol: 15.02(g)

Date Analyzed: 06/06/2014 18:53

Con. Extract Vol.: 10 (mL)

Dilution Factor: 1

Injection Volume: 1 (uL)

GC Column: CLP-1 ID: 0.53 (mm)

% Moisture: 8.0

GPC Cleanup: (Y/N) N

Analysis Batch No.: 229076

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.3	U	7.3	1.4
72-55-9	4,4'-DDE	7.3	U	7.3	1.4
50-29-3	4,4'-DDT	7.3	U	7.3	1.7
309-00-2	Aldrin	7.3	U	7.3	1.5
319-84-6	alpha-BHC	7.3	U	7.3	1.6
319-85-7	beta-BHC	7.3	U	7.3	1.7
57-74-9	Chlordane (technical)	7.3	U	7.3	21
319-86-8	delta-BHC	7.3	U	7.3	1.3
60-57-1	Dieldrin	7.3	U	7.3	1.3
959-98-8	Endosulfan I	7.3	U	7.3	1.6
33213-65-9	Endosulfan II	7.3	U	7.3	1.4
1031-07-8	Endosulfan sulfate	7.3	U	7.3	1.4
72-20-8	Endrin	7.3	U	7.3	1.7
7421-93-4	Endrin aldehyde	7.3	U	7.3	1.1
53494-70-5	Endrin ketone	7.3	U	7.3	1.4
58-89-9	gamma-BHC (Lindane)	7.3	U	7.3	1.3
76-44-8	Heptachlor	7.3	U	7.3	1.7
1024-57-3	Heptachlor epoxide	7.3	U	7.3	1.6
72-43-5	Methoxychlor	7.3	U	7.3	1.7
8001-35-2	Toxaphene	7.3	U	7.3	20
5103-71-9	alpha-Chlordane	7.3	U	7.3	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	113		76-149
877-09-8	Tetrachloro-m-xylene	94		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: HL1-B1 (8) Lab Sample ID: 460-77244-11
 Matrix: Solid Lab File ID: VR492189.D
 Analysis Method: 8081B Date Collected: 06/04/2014 10:50
 Extraction Method: 3546 Date Extracted: 06/06/2014 04:21
 Sample wt/vol: 15.04(g) Date Analyzed: 06/06/2014 19:04
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 8.4 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229076 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.3	U	7.3	1.4
72-55-9	4,4'-DDE	7.3	U	7.3	1.4
50-29-3	4,4'-DDT	7.3	U	7.3	1.7
309-00-2	Aldrin	7.3	U	7.3	1.5
319-84-6	alpha-BHC	7.3	U	7.3	1.6
319-85-7	beta-BHC	7.3	U	7.3	1.7
57-74-9	Chlordane (technical)	7.3	U	7.3	21
319-86-8	delta-BHC	7.3	U	7.3	1.3
60-57-1	Dieldrin	7.3	U	7.3	1.3
959-98-8	Endosulfan I	7.3	U	7.3	1.6
33213-65-9	Endosulfan II	7.3	U	7.3	1.4
1031-07-8	Endosulfan sulfate	7.3	U	7.3	1.4
72-20-8	Endrin	7.3	U	7.3	1.7
7421-93-4	Endrin aldehyde	7.3	U	7.3	1.1
53494-70-5	Endrin ketone	7.3	U	7.3	1.4
58-89-9	gamma-BHC (Lindane)	7.3	U	7.3	1.3
76-44-8	Heptachlor	7.3	U	7.3	1.7
1024-57-3	Heptachlor epoxide	7.3	U	7.3	1.6
72-43-5	Methoxychlor	7.3	U	7.3	1.7
8001-35-2	Toxaphene	7.3	U	7.3	20
5103-71-9	alpha-Chlordane	7.3	U	7.3	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		76-149
877-09-8	Tetrachloro-m-xylene	84		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG No.: _____

Client Sample ID: EX1-SW1 (6-7)

Lab Sample ID: 460-77244-12

Matrix: Solid

Lab File ID: VR492190.D

Analysis Method: 8081B

Date Collected: 06/04/2014 14:10

Extraction Method: 3546

Date Extracted: 06/06/2014 04:21

Sample wt/vol: 15.03(g)

Date Analyzed: 06/06/2014 19:16

Con. Extract Vol.: 10(mL)

Dilution Factor: 1

Injection Volume: 1(uL)

GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 7.5

GPC Cleanup: (Y/N) N

Analysis Batch No.: 229076

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.2	U	7.2	1.4
72-55-9	4,4'-DDE	7.2	U	7.2	1.4
50-29-3	4,4'-DDT	7.2	U	7.2	1.7
309-00-2	Aldrin	7.2	U	7.2	1.5
319-84-6	alpha-BHC	7.2	U	7.2	1.6
319-85-7	beta-BHC	7.2	U	7.2	1.7
57-74-9	Chlordane (technical)	7.2	U	7.2	20
319-86-8	delta-BHC	7.2	U	7.2	1.3
60-57-1	Dieldrin	7.2	U	7.2	1.3
959-98-8	Endosulfan I	7.2	U	7.2	1.6
33213-65-9	Endosulfan II	7.2	U	7.2	1.4
1031-07-8	Endosulfan sulfate	7.2	U	7.2	1.4
72-20-8	Endrin	7.2	U	7.2	1.7
7421-93-4	Endrin aldehyde	7.2	U	7.2	1.1
53494-70-5	Endrin ketone	7.2	U	7.2	1.4
58-89-9	gamma-BHC (Lindane)	7.2	U	7.2	1.3
76-44-8	Heptachlor	7.2	U	7.2	1.7
1024-57-3	Heptachlor epoxide	7.2	U	7.2	1.6
72-43-5	Methoxychlor	7.2	U	7.2	1.7
8001-35-2	Toxaphene	7.2	U	7.2	19
5103-71-9	alpha-Chlordane	7.2	U	7.2	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	107		76-149
877-09-8	Tetrachloro-m-xylene	89		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: EX1-SW2 (6-7) Lab Sample ID: 460-77244-13
 Matrix: Solid Lab File ID: VR492191.D
 Analysis Method: 8081B Date Collected: 06/04/2014 14:15
 Extraction Method: 3546 Date Extracted: 06/06/2014 04:21
 Sample wt/vol: 15.02(g) Date Analyzed: 06/06/2014 19:27
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 13.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229076 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.7	U	7.7	1.5
72-55-9	4,4'-DDE	7.7	U	7.7	1.5
50-29-3	4,4'-DDT	7.7	U	7.7	1.8
309-00-2	Aldrin	7.7	U	7.7	1.6
319-84-6	alpha-BHC	7.7	U	7.7	1.7
319-85-7	beta-BHC	7.7	U	7.7	1.8
57-74-9	Chlordane (technical)	7.7	U	7.7	22
319-86-8	delta-BHC	7.7	U	7.7	1.4
60-57-1	Dieldrin	7.7	U	7.7	1.4
959-98-8	Endosulfan I	7.7	U	7.7	1.7
33213-65-9	Endosulfan II	7.7	U	7.7	1.5
1031-07-8	Endosulfan sulfate	7.7	U	7.7	1.5
72-20-8	Endrin	7.7	U	7.7	1.8
7421-93-4	Endrin aldehyde	7.7	U	7.7	1.1
53494-70-5	Endrin ketone	7.7	U	7.7	1.5
58-89-9	gamma-BHC (Lindane)	7.7	U	7.7	1.4
76-44-8	Heptachlor	7.7	U	7.7	1.8
1024-57-3	Heptachlor epoxide	7.7	U	7.7	1.7
72-43-5	Methoxychlor	7.7	U	7.7	1.8
8001-35-2	Toxaphene	7.7	U	7.7	21
5103-71-9	alpha-Chlordane	7.7	U	7.7	1.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		76-149
877-09-8	Tetrachloro-m-xylene	86		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: EX1-SW3 (6-7) Lab Sample ID: 460-77244-14
 Matrix: Solid Lab File ID: VR492192.D
 Analysis Method: 8081B Date Collected: 06/04/2014 14:20
 Extraction Method: 3546 Date Extracted: 06/06/2014 04:21
 Sample wt/vol: 15.04(g) Date Analyzed: 06/06/2014 19:39
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 8.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229076 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.3	U	7.3	1.4
72-55-9	4,4'-DDE	7.3	U	7.3	1.4
50-29-3	4,4'-DDT	7.3	U	7.3	1.7
309-00-2	Aldrin	7.3	U	7.3	1.5
319-84-6	alpha-BHC	7.3	U	7.3	1.6
319-85-7	beta-BHC	7.3	U	7.3	1.7
57-74-9	Chlordane (technical)	7.3	U	7.3	21
319-86-8	delta-BHC	7.3	U	7.3	1.3
60-57-1	Dieldrin	7.3	U	7.3	1.3
959-98-8	Endosulfan I	7.3	U	7.3	1.6
33213-65-9	Endosulfan II	7.3	U	7.3	1.4
1031-07-8	Endosulfan sulfate	7.3	U	7.3	1.4
72-20-8	Endrin	7.3	U	7.3	1.7
7421-93-4	Endrin aldehyde	7.3	U	7.3	1.1
53494-70-5	Endrin ketone	7.3	U	7.3	1.4
58-89-9	gamma-BHC (Lindane)	7.3	U	7.3	1.3
76-44-8	Heptachlor	7.3	U	7.3	1.7
1024-57-3	Heptachlor epoxide	7.3	U	7.3	1.6
72-43-5	Methoxychlor	7.3	U	7.3	1.7
8001-35-2	Toxaphene	7.3	U	7.3	20
5103-71-9	alpha-Chlordane	7.3	U	7.3	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		76-149
877-09-8	Tetrachloro-m-xylene	86		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-77244-1</u>
SDG No.: _____	
Client Sample ID: <u>EX1-SW4(6-7)</u>	Lab Sample ID: <u>460-77251-1</u>
Matrix: <u>Solid</u>	Lab File ID: <u>VR492193.D</u>
Analysis Method: <u>8081B</u>	Date Collected: <u>06/04/2014 14:25</u>
Extraction Method: <u>3546</u>	Date Extracted: <u>06/06/2014 04:21</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>06/06/2014 19:50</u>
Con. Extract Vol.: <u>10(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	GC Column: <u>CLP-1</u> ID: <u>0.53(mm)</u>
% Moisture: <u>7.8</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>229076</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.3	U	7.3	1.4
72-55-9	4,4'-DDE	7.3	U	7.3	1.4
50-29-3	4,4'-DDT	7.3	U	7.3	1.7
309-00-2	Aldrin	7.3	U	7.3	1.5
319-84-6	alpha-BHC	7.3	U	7.3	1.6
319-85-7	beta-BHC	7.3	U	7.3	1.7
57-74-9	Chlordane (technical)	7.3	U	7.3	21
319-86-8	delta-BHC	7.3	U	7.3	1.3
60-57-1	Dieldrin	7.3	U	7.3	1.3
959-98-8	Endosulfan I	7.3	U	7.3	1.6
33213-65-9	Endosulfan II	7.3	U	7.3	1.4
1031-07-8	Endosulfan sulfate	7.3	U	7.3	1.4
72-20-8	Endrin	7.3	U	7.3	1.7
7421-93-4	Endrin aldehyde	7.3	U	7.3	1.1
53494-70-5	Endrin ketone	7.3	U	7.3	1.4
58-89-9	gamma-BHC (Lindane)	7.3	U	7.3	1.3
76-44-8	Heptachlor	7.3	U	7.3	1.7
1024-57-3	Heptachlor epoxide	7.3	U	7.3	1.6
72-43-5	Methoxychlor	7.3	U	7.3	1.7
8001-35-2	Toxaphene	7.3	U	7.3	20
5103-71-9	alpha-Chlordane	7.3	U	7.3	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		76-149
877-09-8	Tetrachloro-m-xylene	78		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: EX1-B1(8) Lab Sample ID: 460-77251-2
 Matrix: Solid Lab File ID: VR492194.D
 Analysis Method: 8081B Date Collected: 06/04/2014 14:30
 Extraction Method: 3546 Date Extracted: 06/06/2014 04:21
 Sample wt/vol: 15.00(g) Date Analyzed: 06/06/2014 20:02
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 7.6 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229076 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.3	U	7.3	1.4
72-55-9	4,4'-DDE	7.3	U	7.3	1.4
50-29-3	4,4'-DDT	7.3	U	7.3	1.7
309-00-2	Aldrin	7.3	U	7.3	1.5
319-84-6	alpha-BHC	7.3	U	7.3	1.6
319-85-7	beta-BHC	7.3	U	7.3	1.7
57-74-9	Chlordane (technical)	7.3	U	7.3	21
319-86-8	delta-BHC	7.3	U	7.3	1.3
60-57-1	Dieldrin	7.3	U	7.3	1.3
959-98-8	Endosulfan I	7.3	U	7.3	1.6
33213-65-9	Endosulfan II	7.3	U	7.3	1.4
1031-07-8	Endosulfan sulfate	7.3	U	7.3	1.4
72-20-8	Endrin	7.3	U	7.3	1.7
7421-93-4	Endrin aldehyde	7.3	U	7.3	1.1
53494-70-5	Endrin ketone	7.3	U	7.3	1.4
58-89-9	gamma-BHC (Lindane)	7.3	U	7.3	1.3
76-44-8	Heptachlor	7.3	U	7.3	1.7
1024-57-3	Heptachlor epoxide	7.3	U	7.3	1.6
72-43-5	Methoxychlor	7.3	U	7.3	1.7
8001-35-2	Toxaphene	7.3	U	7.3	19
5103-71-9	alpha-Chlordane	7.3	U	7.3	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		76-149
877-09-8	Tetrachloro-m-xylene	83		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG No.: _____

Client Sample ID: EX1-A(8)

Lab Sample ID: 460-77251-3

Matrix: Solid

Lab File ID: VR492195.D

Analysis Method: 8081B

Date Collected: 06/04/2014 14:35

Extraction Method: 3546

Date Extracted: 06/06/2014 04:21

Sample wt/vol: 15.02(g)

Date Analyzed: 06/06/2014 20:13

Con. Extract Vol.: 10(mL)

Dilution Factor: 1

Injection Volume: 1(uL)

GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 7.8

GPC Cleanup: (Y/N) N

Analysis Batch No.: 229076

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.3	U	7.3	1.4
72-55-9	4,4'-DDE	7.3	U	7.3	1.4
50-29-3	4,4'-DDT	7.3	U	7.3	1.7
309-00-2	Aldrin	7.3	U	7.3	1.5
319-84-6	alpha-BHC	7.3	U	7.3	1.6
319-85-7	beta-BHC	7.3	U	7.3	1.7
57-74-9	Chlordane (technical)	7.3	U	7.3	21
319-86-8	delta-BHC	7.3	U	7.3	1.3
60-57-1	Dieldrin	7.3	U	7.3	1.3
959-98-8	Endosulfan I	7.3	U	7.3	1.6
33213-65-9	Endosulfan II	7.3	U	7.3	1.4
1031-07-8	Endosulfan sulfate	7.3	U	7.3	1.4
72-20-8	Endrin	7.3	U	7.3	1.7
7421-93-4	Endrin aldehyde	7.3	U	7.3	1.1
53494-70-5	Endrin ketone	7.3	U	7.3	1.4
58-89-9	gamma-BHC (Lindane)	7.3	U	7.3	1.3
76-44-8	Heptachlor	7.3	U	7.3	1.7
1024-57-3	Heptachlor epoxide	7.3	U	7.3	1.6
72-43-5	Methoxychlor	7.3	U	7.3	1.7
8001-35-2	Toxaphene	7.3	U	7.3	19
5103-71-9	alpha-Chlordane	7.3	U	7.3	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		76-149
877-09-8	Tetrachloro-m-xylene	77		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: ST1-1C Lab Sample ID: 460-77251-6
 Matrix: Solid Lab File ID: XR152232.D
 Analysis Method: 8081B Date Collected: 06/04/2014 14:50
 Extraction Method: 3546 Date Extracted: 06/09/2014 05:58
 Sample wt/vol: 15.01(g) Date Analyzed: 06/09/2014 10:04
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 7.5 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229338 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.2	U	7.2	1.4
72-55-9	4,4'-DDE	7.2	U	7.2	1.4
50-29-3	4,4'-DDT	7.2	U	7.2	1.7
309-00-2	Aldrin	7.2	U	7.2	1.5
319-84-6	alpha-BHC	7.2	U	7.2	1.6
319-85-7	beta-BHC	7.2	U	7.2	1.7
57-74-9	Chlordane (technical)	7.2	U	7.2	21
319-86-8	delta-BHC	7.2	U	7.2	1.3
60-57-1	Dieldrin	7.2	U	7.2	1.3
959-98-8	Endosulfan I	7.2	U	7.2	1.6
33213-65-9	Endosulfan II	7.2	U	7.2	1.4
1031-07-8	Endosulfan sulfate	7.2	U	7.2	1.4
72-20-8	Endrin	7.2	U	7.2	1.7
7421-93-4	Endrin aldehyde	7.2	U	7.2	1.1
53494-70-5	Endrin ketone	7.2	U	7.2	1.4
58-89-9	gamma-BHC (Lindane)	7.2	U	7.2	1.3
76-44-8	Heptachlor	7.2	U	7.2	1.7
1024-57-3	Heptachlor epoxide	7.2	U	7.2	1.6
72-43-5	Methoxychlor	7.2	U	7.2	1.7
8001-35-2	Toxaphene	7.2	U	7.2	19
5103-71-9	alpha-Chlordane	7.2	U	7.2	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		76-149
877-09-8	Tetrachloro-m-xylene	105		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: ST2-1 Lab Sample ID: 460-77251-7
 Matrix: Solid Lab File ID: VR492196.D
 Analysis Method: 8081B Date Collected: 06/04/2014 15:40
 Extraction Method: 3546 Date Extracted: 06/06/2014 04:21
 Sample wt/vol: 15.04(g) Date Analyzed: 06/06/2014 20:25
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: 8.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229076 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.3	U	7.3	1.4
72-55-9	4,4'-DDE	7.3	U	7.3	1.4
50-29-3	4,4'-DDT	7.3	U	7.3	1.7
309-00-2	Aldrin	7.3	U	7.3	1.5
319-84-6	alpha-BHC	7.3	U	7.3	1.6
319-85-7	beta-BHC	7.3	U	7.3	1.7
57-74-9	Chlordane (technical)	7.3	U	7.3	21
319-86-8	delta-BHC	7.3	U	7.3	1.3
60-57-1	Dieldrin	7.3	U	7.3	1.3
959-98-8	Endosulfan I	7.3	U	7.3	1.6
33213-65-9	Endosulfan II	7.3	U	7.3	1.4
1031-07-8	Endosulfan sulfate	7.3	U	7.3	1.4
72-20-8	Endrin	7.3	U	7.3	1.7
7421-93-4	Endrin aldehyde	7.3	U	7.3	1.1
53494-70-5	Endrin ketone	7.3	U	7.3	1.4
58-89-9	gamma-BHC (Lindane)	7.3	U	7.3	1.3
76-44-8	Heptachlor	7.3	U	7.3	1.7
1024-57-3	Heptachlor epoxide	7.3	U	7.3	1.6
72-43-5	Methoxychlor	7.3	U	7.3	1.7
8001-35-2	Toxaphene	7.3	U	7.3	20
5103-71-9	alpha-Chlordane	7.3	U	7.3	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		76-149
877-09-8	Tetrachloro-m-xylene	78		72-136

PART 3
Appendix C
Data Summary Form I's
With Qualifications

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: UST1-SW1 (5-6) Lab Sample ID: 460-77244-2
 Matrix: Solid Lab File ID: T007427.D
 Analysis Method: 8082A Date Collected: 06/04/2014 09:35
 Extraction Method: 3546 Date Extracted: 06/06/2014 04:29
 Sample wt/vol: 15.04(g) Date Analyzed: 06/06/2014 17:14
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 9.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229051 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	74	U	74	16
11104-28-2	Aroclor 1221	74	U	74	16
11141-16-5	Aroclor 1232	74	U	74	16
53469-21-9	Aroclor 1242	74	U	74	16
12672-29-6	Aroclor 1248	74	U	74	16
11097-69-1	Aroclor 1254	74	U	74	21
11096-82-5	Aroclor 1260	74	U	74	21
37324-23-5	Aroclor-1262	74	U	74	21
11100-14-4	Aroclor 1268	74	U	74	21
1336-36-3	Polychlorinated biphenyls, Total	74	U	74	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		53-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: UST1-SW2 (5-6) Lab Sample ID: 460-77244-3
 Matrix: Solid Lab File ID: T007428.D
 Analysis Method: 8082A Date Collected: 06/04/2014 09:20
 Extraction Method: 3546 Date Extracted: 06/06/2014 04:29
 Sample wt/vol: 15.02(g) Date Analyzed: 06/06/2014 17:33
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 8.9 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229051 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	73	U	73	16
11104-28-2	Aroclor 1221	73	U	73	16
11141-16-5	Aroclor 1232	73	U	73	16
53469-21-9	Aroclor 1242	73	U	73	16
12672-29-6	Aroclor 1248	73	U	73	16
11097-69-1	Aroclor 1254	73	U	73	21
11096-82-5	Aroclor 1260	73	U	73	21
37324-23-5	Aroclor-1262	73	U	73	21
11100-14-4	Aroclor 1268	73	U	73	21
1336-36-3	Polychlorinated biphenyls, Total	73	U	73	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		53-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: UST1-SW3 (5-6) Lab Sample ID: 460-77244-4
 Matrix: Solid Lab File ID: T007429.D
 Analysis Method: 8082A Date Collected: 06/04/2014 09:25
 Extraction Method: 3546 Date Extracted: 06/06/2014 04:29
 Sample wt/vol: 15.05(g) Date Analyzed: 06/06/2014 17:53
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 10.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229051 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	75	U	75	17
11104-28-2	Aroclor 1221	75	U	75	17
11141-16-5	Aroclor 1232	75	U	75	17
53469-21-9	Aroclor 1242	75	U	75	17
12672-29-6	Aroclor 1248	75	U	75	17
11097-69-1	Aroclor 1254	75	U	75	21
11096-82-5	Aroclor 1260	75	U	75	21
37324-23-5	Aroclor-1262	75	U	75	21
11100-14-4	Aroclor 1268	75	U	75	21
1336-36-3	Polychlorinated biphenyls, Total	75	U	75	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		53-150

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Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: UST1-SW4 (5-6) Lab Sample ID: 460-77244-5
 Matrix: Solid Lab File ID: T007430.D
 Analysis Method: 8082A Date Collected: 06/04/2014 09:30
 Extraction Method: 3546 Date Extracted: 06/06/2014 04:29
 Sample wt/vol: 15.03(g) Date Analyzed: 06/06/2014 18:12
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 12.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229051 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	76	U	76	17
11104-28-2	Aroclor 1221	76	U	76	17
11141-16-5	Aroclor 1232	76	U	76	17
53469-21-9	Aroclor 1242	76	U	76	17
12672-29-6	Aroclor 1248	76	U	76	17
11097-69-1	Aroclor 1254	76	U	76	22
11096-82-5	Aroclor 1260	76	U	76	22
37324-23-5	Aroclor-1262	76	U	76	22
11100-14-4	Aroclor 1268	76	U	76	22
1336-36-3	Polychlorinated biphenyls, Total	76	U	76	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		53-150

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Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: UST1-B1 (7) Lab Sample ID: 460-77244-6
 Matrix: Solid Lab File ID: T007431.D
 Analysis Method: 8082A Date Collected: 06/04/2014 09:15
 Extraction Method: 3546 Date Extracted: 06/06/2014 04:29
 Sample wt/vol: 15.01(g) Date Analyzed: 06/06/2014 18:31
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 10.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229051 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	74	U	74	17
11104-28-2	Aroclor 1221	74	U	74	17
11141-16-5	Aroclor 1232	74	U	74	17
53469-21-9	Aroclor 1242	74	U	74	17
12672-29-6	Aroclor 1248	74	U	74	17
11097-69-1	Aroclor 1254	74	U	74	21
11096-82-5	Aroclor 1260	74	U	74	21
37324-23-5	Aroclor-1262	74	U	74	21
11100-14-4	Aroclor 1268	74	U	74	21
1336-36-3	Polychlorinated biphenyls, Total	74	U	74	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		53-150

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PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: HL1-SW1 (6-7) Lab Sample ID: 460-77244-7
 Matrix: Solid Lab File ID: T007432.D
 Analysis Method: 8082A Date Collected: 06/04/2014 10:55
 Extraction Method: 3546 Date Extracted: 06/06/2014 04:29
 Sample wt/vol: 15.02(g) Date Analyzed: 06/06/2014 18:50
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 9.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229051 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11096-82-5	Aroclor 1260	54	J	73	21
1336-36-3	Polychlorinated biphenyls, Total	54	J	73	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		53-150

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PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: HL1-SW1 (6-7) Lab Sample ID: 460-77244-7
 Matrix: Solid Lab File ID: T007432.D
 Analysis Method: 8082A Date Collected: 06/04/2014 10:55
 Extraction Method: 3546 Date Extracted: 06/06/2014 04:29
 Sample wt/vol: 15.02(g) Date Analyzed: 06/06/2014 18:50
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 9.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229051 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	73	U	73	16
11104-28-2	Aroclor 1221	73	U	73	16
11141-16-5	Aroclor 1232	73	U	73	16
53469-21-9	Aroclor 1242	73	U	73	16
12672-29-6	Aroclor 1248	73	U	73	16
11097-69-1	Aroclor 1254	73	U	73	21
37324-23-5	Aroclor-1262	73	U	73	21
11100-14-4	Aroclor 1268	73	U	73	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		53-150

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Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: HL1-SW2 (6-7) Lab Sample ID: 460-77244-8
 Matrix: Solid Lab File ID: T007433.D
 Analysis Method: 8082A Date Collected: 06/04/2014 11:00
 Extraction Method: 3546 Date Extracted: 06/06/2014 04:29
 Sample wt/vol: 15.00(g) Date Analyzed: 06/06/2014 19:09
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 7.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229051 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	73	U	73	16
11104-28-2	Aroclor 1221	73	U	73	16
11141-16-5	Aroclor 1232	73	U	73	16
53469-21-9	Aroclor 1242	73	U	73	16
12672-29-6	Aroclor 1248	73	U	73	16
11097-69-1	Aroclor 1254	73	U	73	21
11096-82-5	Aroclor 1260	73	U	73	21
37324-23-5	Aroclor-1262	73	U	73	21
11100-14-4	Aroclor 1268	73	U	73	21
1336-36-3	Polychlorinated biphenyls, Total	73	U	73	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		53-150

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Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: HL1-SW3 (6-7) Lab Sample ID: 460-77244-9
 Matrix: Solid Lab File ID: T007434.D
 Analysis Method: 8082A Date Collected: 06/04/2014 11:05
 Extraction Method: 3546 Date Extracted: 06/06/2014 04:29
 Sample wt/vol: 15.04(g) Date Analyzed: 06/06/2014 19:28
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 8.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229051 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11096-82-5	Aroclor 1260	39	J	73	21
1336-36-3	Polychlorinated biphenyls, Total	39	J	73	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		53-150

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PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: HL1-SW3 (6-7) Lab Sample ID: 460-77244-9
 Matrix: Solid Lab File ID: T007434.D
 Analysis Method: 8082A Date Collected: 06/04/2014 11:05
 Extraction Method: 3546 Date Extracted: 06/06/2014 04:29
 Sample wt/vol: 15.04(g) Date Analyzed: 06/06/2014 19:28
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 8.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229051 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	73	U	73	16
11104-28-2	Aroclor 1221	73	U	73	16
11141-16-5	Aroclor 1232	73	U	73	16
53469-21-9	Aroclor 1242	73	U	73	16
12672-29-6	Aroclor 1248	73	U	73	16
11097-69-1	Aroclor 1254	73	U	73	21
37324-23-5	Aroclor-1262	73	U	73	21
11100-14-4	Aroclor 1268	73	U	73	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		53-150

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Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: HL1-SW4 (6-7) Lab Sample ID: 460-77244-10
 Matrix: Solid Lab File ID: T007435.D
 Analysis Method: 8082A Date Collected: 06/04/2014 11:10
 Extraction Method: 3546 Date Extracted: 06/06/2014 04:29
 Sample wt/vol: 15.02(g) Date Analyzed: 06/06/2014 19:47
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 8.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229051 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	73	U	73	16
11104-28-2	Aroclor 1221	73	U	73	16
11141-16-5	Aroclor 1232	73	U	73	16
53469-21-9	Aroclor 1242	73	U	73	16
12672-29-6	Aroclor 1248	73	U	73	16
11097-69-1	Aroclor 1254	73	U	73	21
11096-82-5	Aroclor 1260	73	U	73	21
37324-23-5	Aroclor-1262	73	U	73	21
11100-14-4	Aroclor 1268	73	U	73	21
1336-36-3	Polychlorinated biphenyls, Total	73	U	73	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		53-150

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Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: HL1-B1 (8) Lab Sample ID: 460-77244-11
 Matrix: Solid Lab File ID: T007436.D
 Analysis Method: 8082A Date Collected: 06/04/2014 10:50
 Extraction Method: 3546 Date Extracted: 06/06/2014 04:29
 Sample wt/vol: 15.04(g) Date Analyzed: 06/06/2014 20:06
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: 8.4 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229051 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	73	U	73	16
11104-28-2	Aroclor 1221	73	U	73	16
11141-16-5	Aroclor 1232	73	U	73	16
53469-21-9	Aroclor 1242	73	U	73	16
12672-29-6	Aroclor 1248	73	U	73	16
11097-69-1	Aroclor 1254	73	U	73	21
11096-82-5	Aroclor 1260	73	U	73	21
37324-23-5	Aroclor-1262	73	U	73	21
11100-14-4	Aroclor 1268	73	U	73	21
1336-36-3	Polychlorinated biphenyls, Total	73	U	73	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		53-150

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Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: EX1-SW1 (6-7) Lab Sample ID: 460-77244-12
 Matrix: Solid Lab File ID: T007437.D
 Analysis Method: 8082A Date Collected: 06/04/2014 14:10
 Extraction Method: 3546 Date Extracted: 06/06/2014 04:29
 Sample wt/vol: 15.03(g) Date Analyzed: 06/06/2014 20:25
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 7.5 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229051 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	72	U	72	16
11104-28-2	Aroclor 1221	72	U	72	16
11141-16-5	Aroclor 1232	72	U	72	16
53469-21-9	Aroclor 1242	72	U	72	16
12672-29-6	Aroclor 1248	72	U	72	16
11097-69-1	Aroclor 1254	72	U	72	20
11096-82-5	Aroclor 1260	72	U	72	20
37324-23-5	Aroclor-1262	72	U	72	20
11100-14-4	Aroclor 1268	72	U	72	20
1336-36-3	Polychlorinated biphenyls, Total	72	U	72	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		53-150

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Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: EX1-SW2 (6-7) Lab Sample ID: 460-77244-13
 Matrix: Solid Lab File ID: T007438.D
 Analysis Method: 8082A Date Collected: 06/04/2014 14:15
 Extraction Method: 3546 Date Extracted: 06/06/2014 04:29
 Sample wt/vol: 15.02(g) Date Analyzed: 06/06/2014 20:44
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 13.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229051 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	77	U	77	17
11104-28-2	Aroclor 1221	77	U	77	17
11141-16-5	Aroclor 1232	77	U	77	17
53469-21-9	Aroclor 1242	77	U	77	17
12672-29-6	Aroclor 1248	77	U	77	17
11097-69-1	Aroclor 1254	77	U	77	22
11096-82-5	Aroclor 1260	77	U	77	22
37324-23-5	Aroclor-1262	77	U	77	22
11100-14-4	Aroclor 1268	77	U	77	22
1336-36-3	Polychlorinated biphenyls, Total	77	U	77	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		53-150

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Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: EX1-SW3 (6-7) Lab Sample ID: 460-77244-14
 Matrix: Solid Lab File ID: T007439.D
 Analysis Method: 8082A Date Collected: 06/04/2014 14:20
 Extraction Method: 3546 Date Extracted: 06/06/2014 04:29
 Sample wt/vol: 15.04(g) Date Analyzed: 06/06/2014 21:04
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 8.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229051 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	73	U	73	16
11104-28-2	Aroclor 1221	73	U	73	16
11141-16-5	Aroclor 1232	73	U	73	16
53469-21-9	Aroclor 1242	73	U	73	16
12672-29-6	Aroclor 1248	73	U	73	16
11097-69-1	Aroclor 1254	73	U	73	21
11096-82-5	Aroclor 1260	73	U	73	21
37324-23-5	Aroclor-1262	73	U	73	21
11100-14-4	Aroclor 1268	73	U	73	21
1336-36-3	Polychlorinated biphenyls, Total	73	U	73	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	101		53-150

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Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: EX1-SW4 (6-7) Lab Sample ID: 460-77251-1
 Matrix: Solid Lab File ID: T007440.D
 Analysis Method: 8082A Date Collected: 06/04/2014 14:25
 Extraction Method: 3546 Date Extracted: 06/06/2014 04:29
 Sample wt/vol: 15.00(g) Date Analyzed: 06/06/2014 21:23
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: 7.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229051 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	73	U	73	16
11104-28-2	Aroclor 1221	73	U	73	16
11141-16-5	Aroclor 1232	73	U	73	16
53469-21-9	Aroclor 1242	73	U	73	16
12672-29-6	Aroclor 1248	73	U	73	16
11097-69-1	Aroclor 1254	73	U	73	21
11096-82-5	Aroclor 1260	73	U	73	21
37324-23-5	Aroclor-1262	73	U	73	21
11100-14-4	Aroclor 1268	73	U	73	21
1336-36-3	Polychlorinated biphenyls, Total	73	U	73	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	94		53-150

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Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: EX1-B1(8) Lab Sample ID: 460-77251-2
 Matrix: Solid Lab File ID: T007441.D
 Analysis Method: 8082A Date Collected: 06/04/2014 14:30
 Extraction Method: 3546 Date Extracted: 06/06/2014 04:29
 Sample wt/vol: 15.00(g) Date Analyzed: 06/06/2014 21:42
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 7.6 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229051 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	73	U	73	16
11104-28-2	Aroclor 1221	73	U	73	16
11141-16-5	Aroclor 1232	73	U	73	16
53469-21-9	Aroclor 1242	73	U	73	16
12672-29-6	Aroclor 1248	73	U	73	16
11097-69-1	Aroclor 1254	73	U	73	21
11096-82-5	Aroclor 1260	73	U	73	21
37324-23-5	Aroclor-1262	73	U	73	21
11100-14-4	Aroclor 1268	73	U	73	21
1336-36-3	Polychlorinated biphenyls, Total	73	U	73	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		53-150

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Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: EX1-A(8) Lab Sample ID: 460-77251-3
 Matrix: Solid Lab File ID: T007442.D
 Analysis Method: 8082A Date Collected: 06/04/2014 14:35
 Extraction Method: 3546 Date Extracted: 06/06/2014 04:29
 Sample wt/vol: 15.02(g) Date Analyzed: 06/06/2014 22:01
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 7.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229051 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	73	U	73	16
11104-28-2	Aroclor 1221	73	U	73	16
11141-16-5	Aroclor 1232	73	U	73	16
53469-21-9	Aroclor 1242	73	U	73	16
12672-29-6	Aroclor 1248	73	U	73	16
11097-69-1	Aroclor 1254	73	U	73	21
11096-82-5	Aroclor 1260	73	U	73	21
37324-23-5	Aroclor-1262	73	U	73	21
11100-14-4	Aroclor 1268	73	U	73	21
1336-36-3	Polychlorinated biphenyls, Total	73	U	73	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		53-150

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Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: ST1-1C Lab Sample ID: 460-77251-6
 Matrix: Solid Lab File ID: T007466.D
 Analysis Method: 8082A Date Collected: 06/04/2014 14:50
 Extraction Method: 3546 Date Extracted: 06/09/2014 06:03
 Sample wt/vol: 15.01(g) Date Analyzed: 06/09/2014 16:11
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)
 % Moisture: 7.5 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229358 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	200		72	16
11096-82-5	Aroclor 1260	43	J	72	21
1336-36-3	Polychlorinated biphenyls, Total	240		72	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		53-150

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Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: ST1-1C Lab Sample ID: 460-77251-6
 Matrix: Solid Lab File ID: T007466.D
 Analysis Method: 8082A Date Collected: 06/04/2014 14:50
 Extraction Method: 3546 Date Extracted: 06/09/2014 06:03
 Sample wt/vol: 15.01(g) Date Analyzed: 06/09/2014 16:11
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 7.5 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229358 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	72	U	72	16
11104-28-2	Aroclor 1221	72	U	72	16
11141-16-5	Aroclor 1232	72	U	72	16
12672-29-6	Aroclor 1248	72	U	72	16
11097-69-1	Aroclor 1254	72	U	72	21
37324-23-5	Aroclor-1262	72	U	72	21
11100-14-4	Aroclor 1268	72	U	72	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		53-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
SDG No.: _____
Client Sample ID: ST2-1 Lab Sample ID: 460-77251-7
Matrix: Solid Lab File ID: T007443.D
Analysis Method: 8082A Date Collected: 06/04/2014 15:40
Extraction Method: 3546 Date Extracted: 06/06/2014 04:29
Sample wt/vol: 15.04(g) Date Analyzed: 06/06/2014 22:20
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
% Moisture: 8.7 GPC Cleanup: (Y/N) N
Analysis Batch No.: 229051 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11096-82-5	Aroclor 1260	120	<u>J</u>	73	21
1336-36-3	Polychlorinated biphenyls, Total	120		73	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		53-150

for
12/2/15

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: ST2-1 Lab Sample ID: 460-77251-7
 Matrix: Solid Lab File ID: T007443.D
 Analysis Method: 8082A Date Collected: 06/04/2014 15:40
 Extraction Method: 3546 Date Extracted: 06/06/2014 04:29
 Sample wt/vol: 15.04(g) Date Analyzed: 06/06/2014 22:20
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 8.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229051 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	73	U	73	16
11104-28-2	Aroclor 1221	73	U	73	16
11141-16-5	Aroclor 1232	73	U	73	16
53469-21-9	Aroclor 1242	73	U	73	16
12672-29-6	Aroclor 1248	73	U	73	16
11097-69-1	Aroclor 1254	73	U	73	21
37324-23-5	Aroclor-1262	73	U	73	21
11100-14-4	Aroclor 1268	73	U	73	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	82		53-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: UST1-SW1 (5-6) Lab Sample ID: 460-77244-2
 Matrix: Solid Lab File ID: ZR124805.D
 Analysis Method: 8151A Date Collected: 06/04/2014 09:35
 Extraction Method: 8151A Date Extracted: 06/06/2014 18:37
 Sample wt/vol: 30.02(g) Date Analyzed: 06/07/2014 21:07
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: DB-5 ID: 0.53 (mm)
 % Moisture: 9.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229217 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	19	U	19	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	183	*	69-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
SDG No.: _____
Client Sample ID: UST1-SW2 (5-6) Lab Sample ID: 460-77244-3
Matrix: Solid Lab File ID: ZR124815.D
Analysis Method: 8151A Date Collected: 06/04/2014 09:20
Extraction Method: 8151A Date Extracted: 06/06/2014 18:37
Sample wt/vol: 29.98(g) Date Analyzed: 06/08/2014 00:44
Con. Extract Vol.: 10 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: DB-5 ID: 0.53 (mm)
% Moisture: 8.9 GPC Cleanup: (Y/N) N
Analysis Batch No.: 229218 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	19	U	19	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	107		69-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: UST1-SW3 (5-6) Lab Sample ID: 460-77244-4
 Matrix: Solid Lab File ID: ZR124816.D
 Analysis Method: 8151A Date Collected: 06/04/2014 09:25
 Extraction Method: 8151A Date Extracted: 06/06/2014 18:37
 Sample wt/vol: 30.02(g) Date Analyzed: 06/08/2014 01:05
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: DB-5 ID: 0.53 (mm)
 % Moisture: 10.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229218 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	19	U	19	2.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	114		69-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
SDG No.: _____
Client Sample ID: UST1-SW4 (5-6) Lab Sample ID: 460-77244-5
Matrix: Solid Lab File ID: ZR124817.D
Analysis Method: 8151A Date Collected: 06/04/2014 09:30
Extraction Method: 8151A Date Extracted: 06/06/2014 18:37
Sample wt/vol: 30.04(g) Date Analyzed: 06/08/2014 01:27
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: DB-5 ID: 0.53(mm)
% Moisture: 12.3 GPC Cleanup: (Y/N) N
Analysis Batch No.: 229218 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	19	U	19	2.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	118		69-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: UST1-B1 (7) Lab Sample ID: 460-77244-6
 Matrix: Solid Lab File ID: ZR124806.D
 Analysis Method: 8151A Date Collected: 06/04/2014 09:15
 Extraction Method: 8151A Date Extracted: 06/06/2014 18:37
 Sample wt/vol: 30.02(g) Date Analyzed: 06/07/2014 21:29
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: DB-5 ID: 0.53(mm)
 % Moisture: 10.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229217 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	19	U	19	2.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	183	*	69-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: HL1-SW1 (6-7) Lab Sample ID: 460-77244-7
 Matrix: Solid Lab File ID: ZR124807.D
 Analysis Method: 8151A Date Collected: 06/04/2014 10:55
 Extraction Method: 8151A Date Extracted: 06/06/2014 18:37
 Sample wt/vol: 30.03(g) Date Analyzed: 06/07/2014 21:51
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: DB-5 ID: 0.53(mm)
 % Moisture: 9.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229217 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	19	U	19	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	185	*	69-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: HL1-SW2 (6-7) Lab Sample ID: 460-77244-8
 Matrix: Solid Lab File ID: ZR124808.D
 Analysis Method: 8151A Date Collected: 06/04/2014 11:00
 Extraction Method: 8151A Date Extracted: 06/06/2014 18:37
 Sample wt/vol: 30.02(g) Date Analyzed: 06/07/2014 22:12
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: DB-5 ID: 0.53(mm)
 % Moisture: 7.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229217 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	18	U	18	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	187	*	69-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: HL1-SW3 (6-7) Lab Sample ID: 460-77244-9
 Matrix: Solid Lab File ID: ZR124809.D
 Analysis Method: 8151A Date Collected: 06/04/2014 11:05
 Extraction Method: 8151A Date Extracted: 06/06/2014 18:37
 Sample wt/vol: 30.01(g) Date Analyzed: 06/07/2014 22:34
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: DB-5 ID: 0.53(mm)
 % Moisture: 8.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229217 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	19	U	19	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	186	*	69-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: HL1-SW4 (6-7) Lab Sample ID: 460-77244-10
 Matrix: Solid Lab File ID: ZR124804.D
 Analysis Method: 8151A Date Collected: 06/04/2014 11:10
 Extraction Method: 8151A Date Extracted: 06/06/2014 18:37
 Sample wt/vol: 30.02(g) Date Analyzed: 06/07/2014 20:46
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: DB-5 ID: 0.53 (mm)
 % Moisture: 8.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229217 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	18	U	18	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	181	*	69-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
SDG No.: _____
Client Sample ID: HL1-B1 (8) Lab Sample ID: 460-77244-11
Matrix: Solid Lab File ID: ZR124819.D
Analysis Method: 8151A Date Collected: 06/04/2014 10:50
Extraction Method: 8151A Date Extracted: 06/06/2014 18:37
Sample wt/vol: 30.03(g) Date Analyzed: 06/08/2014 02:10
Con. Extract Vol.: 10 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: DB-5 ID: 0.53 (mm)
% Moisture: 8.4 GPC Cleanup: (Y/N) N
Analysis Batch No.: 229218 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	19	U	19	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	133		69-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: EX1-SW1 (6-7) Lab Sample ID: 460-77244-12
 Matrix: Solid Lab File ID: ZR124820.D
 Analysis Method: 8151A Date Collected: 06/04/2014 14:10
 Extraction Method: 8151A Date Extracted: 06/06/2014 18:37
 Sample wt/vol: 30.02(g) Date Analyzed: 06/08/2014 02:32
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: DB-5 ID: 0.53 (mm)
 % Moisture: 7.5 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229218 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	18	U	18	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	147		69-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: EX1-SW2 (6-7) Lab Sample ID: 460-77244-13
 Matrix: Solid Lab File ID: ZR124821.D
 Analysis Method: 8151A Date Collected: 06/04/2014 14:15
 Extraction Method: 8151A Date Extracted: 06/06/2014 18:37
 Sample wt/vol: 30.04(g) Date Analyzed: 06/08/2014 02:54
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: DB-5 ID: 0.53 (mm)
 % Moisture: 13.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229218 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	20	U	20	2.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	153	*	69-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: EX1-SW3 (6-7) Lab Sample ID: 460-77244-14
 Matrix: Solid Lab File ID: ZR124822.D
 Analysis Method: 8151A Date Collected: 06/04/2014 14:20
 Extraction Method: 8151A Date Extracted: 06/06/2014 18:37
 Sample wt/vol: 30.02(g) Date Analyzed: 06/08/2014 03:15
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: DB-5 ID: 0.53 (mm)
 % Moisture: 8.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229218 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	18	U	18	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	151	*	69-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
SDG No.: _____
Client Sample ID: EX1-SW4(6-7) Lab Sample ID: 460-77251-1
Matrix: Solid Lab File ID: ZR124826.D
Analysis Method: 8151A Date Collected: 06/04/2014 14:25
Extraction Method: 8151A Date Extracted: 06/06/2014 18:37
Sample wt/vol: 30.02(g) Date Analyzed: 06/08/2014 04:42
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: DB-5 ID: 0.53(mm)
% Moisture: 7.8 GPC Cleanup: (Y/N) N
Analysis Batch No.: 229219 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	18	U	18	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	162	*	69-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: EX1-B1(8) Lab Sample ID: 460-77251-2
 Matrix: Solid Lab File ID: ZR124827.D
 Analysis Method: 8151A Date Collected: 06/04/2014 14:30
 Extraction Method: 8151A Date Extracted: 06/06/2014 18:37
 Sample wt/vol: 30.03(g) Date Analyzed: 06/08/2014 05:04
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: DB-5 ID: 0.53(mm)
 % Moisture: 7.6 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229219 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	18	U	18	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	163	*	69-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: EX1-A(8) Lab Sample ID: 460-77251-3
 Matrix: Solid Lab File ID: ZR124828.D
 Analysis Method: 8151A Date Collected: 06/04/2014 14:35
 Extraction Method: 8151A Date Extracted: 06/06/2014 18:37
 Sample wt/vol: 30.02(g) Date Analyzed: 06/08/2014 05:25
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: DB-5 ID: 0.53(mm)
 % Moisture: 7.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229219 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	18	U	18	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	156	*	69-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
 SDG No.: _____
 Client Sample ID: ST1-1C Lab Sample ID: 460-77251-6
 Matrix: Solid Lab File ID: ZR124818.D
 Analysis Method: 8151A Date Collected: 06/04/2014 14:50
 Extraction Method: 8151A Date Extracted: 06/06/2014 18:37
 Sample wt/vol: 30.02(g) Date Analyzed: 06/08/2014 01:49
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: DB-5 ID: 0.53(mm)
 % Moisture: 7.5 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229218 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	18	U	18	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	122		69-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77244-1
SDG No.: _____
Client Sample ID: ST2-1 Lab Sample ID: 460-77251-7
Matrix: Solid Lab File ID: ZR124814.D
Analysis Method: 8151A Date Collected: 06/04/2014 15:40
Extraction Method: 8151A Date Extracted: 06/06/2014 18:37
Sample wt/vol: 30.04(g) Date Analyzed: 06/08/2014 00:22
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: DB-5 ID: 0.53(mm)
% Moisture: 8.7 GPC Cleanup: (Y/N) N
Analysis Batch No.: 229218 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	19	U	19	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	153	p *	69-150

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: UST1-SW1 (5-6)

Lab Sample ID: 460-77244-2

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 09:35

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 90.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	1.8	1.8	0.35	mg/Kg	U		4	6010C
7440-38-2	Arsenic	1.7	2.7	0.74	mg/Kg	J		4	6010C
7440-39-3	Barium	64.8	36.1	1.6	mg/Kg			4	6010C
7440-41-7	Beryllium	0.33	0.36	0.25	mg/Kg	J		4	6010C
7440-43-9	Cadmium	0.72	0.72	0.26	mg/Kg	U		4	6010C
7440-47-3	Chromium	20.7	1.8	0.72	mg/Kg			4	6010C
7440-50-8	Copper	21.2	4.5	1.6	mg/Kg			4	6010C
7439-96-5	Manganese	360	2.7	0.78	mg/Kg			4	6010C
7440-02-0	Nickel	17.6	7.2	1.6	mg/Kg			4	6010C
7439-92-1	Lead	17.5	1.8	0.74	mg/Kg			4	6010C
7782-49-2	Selenium	3.6	3.6	1.0	mg/Kg	U		4	6010C
7440-66-6	Zinc	57.6	5.4	1.5	mg/Kg			4	6010C
7439-97-6	Mercury	0.045	0.017	0.012	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: UST1-SW2 (5-6)

Lab Sample ID: 460-77244-3

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 09:20

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 91.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	1.7	1.7	0.33	mg/Kg	U		4	6010C
7440-38-2	Arsenic	1.4	2.6	0.70	mg/Kg	J		4	6010C
7440-39-3	Barium	63.4	34.0	1.5	mg/Kg			4	6010C
7440-41-7	Beryllium	0.29	0.34	0.23	mg/Kg	J		4	6010C
7440-43-9	Cadmium	0.68	0.68	0.24	mg/Kg	U		4	6010C
7440-47-3	Chromium	19.2	1.7	0.68	mg/Kg			4	6010C
7440-50-8	Copper	16.4	4.3	1.5	mg/Kg			4	6010C
7439-96-5	Manganese	277	2.6	0.73	mg/Kg			4	6010C
7440-02-0	Nickel	15.3	6.8	1.5	mg/Kg			4	6010C
7439-92-1	Lead	18.5	1.7	0.70	mg/Kg			4	6010C
7782-49-2	Selenium	3.4	3.4	0.97	mg/Kg	U		4	6010C
7440-66-6	Zinc	54.2	5.1	1.5	mg/Kg			4	6010C
7439-97-6	Mercury	0.023	0.017	0.012	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: UST1-SW3 (5-6)

Lab Sample ID: 460-77244-4

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 09:25

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 89.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	1.8	1.8	0.34	mg/Kg	U		4	6010C
7440-38-2	Arsenic	1.8	2.7	0.73	mg/Kg	J		4	6010C
7440-39-3	Barium	72.4	35.6	1.5	mg/Kg			4	6010C
7440-41-7	Beryllium	0.32	0.36	0.24	mg/Kg	J		4	6010C
7440-43-9	Cadmium	0.71	0.71	0.25	mg/Kg	U		4	6010C
7440-47-3	Chromium	20.5	1.8	0.71	mg/Kg			4	6010C
7440-50-8	Copper	21.9	4.4	1.6	mg/Kg			4	6010C
7439-96-5	Manganese	289	2.7	0.77	mg/Kg			4	6010C
7440-02-0	Nickel	19.6	7.1	1.6	mg/Kg			4	6010C
7439-92-1	Lead	45.3	1.8	0.73	mg/Kg			4	6010C
7782-49-2	Selenium	3.6	3.6	1.0	mg/Kg	U		4	6010C
7440-66-6	Zinc	75.6	5.3	1.5	mg/Kg			4	6010C
7439-97-6	Mercury	0.028	0.018	0.012	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: UST1-SW4 (5-6)

Lab Sample ID: 460-77244-5

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 09:30

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 87.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	1.6	1.6	0.32	mg/Kg	U		4	6010C
7440-38-2	Arsenic	1.6	2.4	0.67	mg/Kg	J		4	6010C
7440-39-3	Barium	67.7	32.6	1.4	mg/Kg			4	6010C
7440-41-7	Beryllium	0.24	0.33	0.22	mg/Kg	J		4	6010C
7440-43-9	Cadmium	0.65	0.65	0.23	mg/Kg	U		4	6010C
7440-47-3	Chromium	17.9	1.6	0.65	mg/Kg			4	6010C
7440-50-8	Copper	15.0	4.1	1.4	mg/Kg			4	6010C
7439-96-5	Manganese	296	2.4	0.70	mg/Kg			4	6010C
7440-02-0	Nickel	15.1	6.5	1.5	mg/Kg			4	6010C
7439-92-1	Lead	27.6	1.6	0.67	mg/Kg			4	6010C
7782-49-2	Selenium	3.3	3.3	0.93	mg/Kg	U		4	6010C
7440-66-6	Zinc	63.5	4.9	1.4	mg/Kg			4	6010C
7439-97-6	Mercury	0.025	0.019	0.014	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: UST1-B1 (7)

Lab Sample ID: 460-77244-6

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 09:15

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 90.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	1.9	1.9	0.37	mg/Kg	U		4	6010C
7440-38-2	Arsenic	1.3	2.8	0.78	mg/Kg	J		4	6010C
7440-39-3	Barium	57.3	38.0	1.6	mg/Kg			4	6010C
7440-41-7	Beryllium	0.28	0.38	0.26	mg/Kg	J		4	6010C
7440-43-9	Cadmium	0.76	0.76	0.27	mg/Kg	U		4	6010C
7440-47-3	Chromium	17.4	1.9	0.76	mg/Kg			4	6010C
7440-50-8	Copper	14.8	4.7	1.7	mg/Kg			4	6010C
7439-96-5	Manganese	245	2.8	0.82	mg/Kg			4	6010C
7440-02-0	Nickel	13.5	7.6	1.7	mg/Kg			4	6010C
7439-92-1	Lead	14.3	1.9	0.78	mg/Kg			4	6010C
7782-49-2	Selenium	3.8	3.8	1.1	mg/Kg	U		4	6010C
7440-66-6	Zinc	46.3	5.7	1.6	mg/Kg			4	6010C
7439-97-6	Mercury	0.040	0.018	0.013	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: HL1-SW1 (6-7)

Lab Sample ID: 460-77244-7

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 10:55

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 91.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	1.6	1.6	0.31	mg/Kg	U		4	6010C
7440-38-2	Arsenic	1.4	2.4	0.66	mg/Kg	J		4	6010C
7440-39-3	Barium	69.8	32.1	1.4	mg/Kg			4	6010C
7440-41-7	Beryllium	0.28	0.32	0.22	mg/Kg	J		4	6010C
7440-43-9	Cadmium	0.64	0.64	0.23	mg/Kg	U		4	6010C
7440-47-3	Chromium	20.4	1.6	0.64	mg/Kg			4	6010C
7440-50-8	Copper	19.5	4.0	1.4	mg/Kg			4	6010C
7439-96-5	Manganese	352	2.4	0.69	mg/Kg			4	6010C
7440-02-0	Nickel	17.4	6.4	1.4	mg/Kg			4	6010C
7439-92-1	Lead	12.5	1.6	0.66	mg/Kg			4	6010C
7782-49-2	Selenium	3.2	3.2	0.91	mg/Kg	U		4	6010C
7440-66-6	Zinc	59.4	4.8	1.4	mg/Kg			4	6010C
7439-97-6	Mercury	0.018	0.017	0.012	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: HL1-SW2 (6-7)

Lab Sample ID: 460-77244-8

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 11:00

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 92.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	1.9	1.9	0.38	mg/Kg	U		4	6010C
7440-38-2	Arsenic	1.2	2.9	0.79	mg/Kg	J		4	6010C
7440-39-3	Barium	58.5	38.7	1.7	mg/Kg			4	6010C
7440-41-7	Beryllium	0.31	0.39	0.26	mg/Kg	J		4	6010C
7440-43-9	Cadmium	0.77	0.77	0.27	mg/Kg	U		4	6010C
7440-47-3	Chromium	18.7	1.9	0.77	mg/Kg			4	6010C
7440-50-8	Copper	14.4	4.8	1.7	mg/Kg			4	6010C
7439-96-5	Manganese	287	2.9	0.83	mg/Kg			4	6010C
7440-02-0	Nickel	14.9	7.7	1.7	mg/Kg			4	6010C
7439-92-1	Lead	12.6	1.9	0.79	mg/Kg			4	6010C
7782-49-2	Selenium	3.9	3.9	1.1	mg/Kg	U		4	6010C
7440-66-6	Zinc	54.7	5.8	1.7	mg/Kg			4	6010C
7439-97-6	Mercury	0.017	0.017	0.012	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: HL1-SW3 (6-7)

Lab Sample ID: 460-77244-9

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 11:05

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 91.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	1.8	1.8	0.36	mg/Kg	U		4	6010C
7440-38-2	Arsenic	1.9	2.8	0.76	mg/Kg	J		4	6010C
7440-39-3	Barium	64.0	36.9	1.6	mg/Kg			4	6010C
7440-41-7	Beryllium	0.30	0.37	0.25	mg/Kg	J		4	6010C
7440-43-9	Cadmium	0.74	0.74	0.26	mg/Kg	U		4	6010C
7440-47-3	Chromium	19.0	1.8	0.74	mg/Kg			4	6010C
7440-50-8	Copper	16.1	4.6	1.6	mg/Kg			4	6010C
7439-96-5	Manganese	289	2.8	0.80	mg/Kg			4	6010C
7440-02-0	Nickel	15.0	7.4	1.7	mg/Kg			4	6010C
7439-92-1	Lead	19.0	1.8	0.76	mg/Kg			4	6010C
7782-49-2	Selenium	3.7	3.7	1.1	mg/Kg	U		4	6010C
7440-66-6	Zinc	85.7	5.5	1.6	mg/Kg			4	6010C
7439-97-6	Mercury	0.030	0.017	0.012	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: HL1-SW4 (6-7)

Lab Sample ID: 460-77244-10

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 11:10

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 92.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	1.9	1.9	0.37	mg/Kg	U		4	6010C
7440-38-2	Arsenic	1.7	2.9	0.79	mg/Kg	J		4	6010C
7440-39-3	Barium	66.7	38.5	1.7	mg/Kg			4	6010C
7440-41-7	Beryllium	0.34	0.38	0.26	mg/Kg	J		4	6010C
7440-43-9	Cadmium	0.77	0.77	0.27	mg/Kg	U		4	6010C
7440-47-3	Chromium	23.0	1.9	0.77	mg/Kg			4	6010C
7440-50-8	Copper	17.2	4.8	1.7	mg/Kg			4	6010C
7439-96-5	Manganese	331	2.9	0.83	mg/Kg			4	6010C
7440-02-0	Nickel	17.7	7.7	1.7	mg/Kg			4	6010C
7439-92-1	Lead	11.8	1.9	0.79	mg/Kg			4	6010C
7782-49-2	Selenium	3.8	3.8	1.1	mg/Kg	U		4	6010C
7440-66-6	Zinc	69.9	5.8	1.6	mg/Kg			4	6010C
7439-97-6	Mercury	0.018	0.018	0.012	mg/Kg	U		1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: HL1-B1 (8)

Lab Sample ID: 460-77244-11

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 10:50

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 91.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	1.6	1.6	0.31	mg/Kg	U		4	6010C
7440-38-2	Arsenic	1.0	2.4	0.65	mg/Kg	J		4	6010C
7440-39-3	Barium	40.6	31.9	1.4	mg/Kg			4	6010C
7440-41-7	Beryllium	0.24	0.32	0.22	mg/Kg	J		4	6010C
7440-43-9	Cadmium	0.64	0.64	0.23	mg/Kg	U		4	6010C
7440-47-3	Chromium	12.0	1.6	0.64	mg/Kg			4	6010C
7440-50-8	Copper	12.5	4.0	1.4	mg/Kg			4	6010C
7439-96-5	Manganese	227	2.4	0.69	mg/Kg			4	6010C
7440-02-0	Nickel	10.7	6.4	1.4	mg/Kg			4	6010C
7439-92-1	Lead	9.2	1.6	0.65	mg/Kg			4	6010C
7782-49-2	Selenium	3.2	3.2	0.91	mg/Kg	U		4	6010C
7440-66-6	Zinc	34.1	4.8	1.4	mg/Kg			4	6010C
7439-97-6	Mercury	0.014	0.017	0.012	mg/Kg	J		1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EX1-SW1 (6-7)

Lab Sample ID: 460-77244-12

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 14:10

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 92.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	1.7	1.7	0.33	mg/Kg	U		4	6010C
7440-38-2	Arsenic	1.3	2.6	0.70	mg/Kg	J		4	6010C
7440-39-3	Barium	62.7	34.3	1.5	mg/Kg			4	6010C
7440-41-7	Beryllium	0.30	0.34	0.23	mg/Kg	J		4	6010C
7440-43-9	Cadmium	0.69	0.69	0.24	mg/Kg	U		4	6010C
7440-47-3	Chromium	20.2	1.7	0.69	mg/Kg			4	6010C
7440-50-8	Copper	15.2	4.3	1.5	mg/Kg			4	6010C
7439-96-5	Manganese	312	2.6	0.74	mg/Kg			4	6010C
7440-02-0	Nickel	16.6	6.9	1.5	mg/Kg			4	6010C
7439-92-1	Lead	11.2	1.7	0.70	mg/Kg			4	6010C
7782-49-2	Selenium	3.4	3.4	0.98	mg/Kg	U		4	6010C
7440-66-6	Zinc	43.7	5.1	1.5	mg/Kg			4	6010C
7439-97-6	Mercury	0.017	0.017	0.012	mg/Kg	U		1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EX1-SW2 (6-7)

Lab Sample ID: 460-77244-13

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 14:15

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 87.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	1.6	1.6	0.32	mg/Kg	U		4	6010C
7440-38-2	Arsenic	1.6	2.4	0.67	mg/Kg	J		4	6010C
7440-39-3	Barium	70.8	32.6	1.4	mg/Kg			4	6010C
7440-41-7	Beryllium	0.32	0.33	0.22	mg/Kg	J		4	6010C
7440-43-9	Cadmium	0.65	0.65	0.23	mg/Kg	U		4	6010C
7440-47-3	Chromium	21.1	1.6	0.65	mg/Kg			4	6010C
7440-50-8	Copper	16.3	4.1	1.4	mg/Kg			4	6010C
7439-96-5	Manganese	294	2.4	0.70	mg/Kg			4	6010C
7440-02-0	Nickel	17.7	6.5	1.5	mg/Kg			4	6010C
7439-92-1	Lead	12.7	1.6	0.67	mg/Kg			4	6010C
7782-49-2	Selenium	3.3	3.3	0.93	mg/Kg	U		4	6010C
7440-66-6	Zinc	73.7	4.9	1.4	mg/Kg			4	6010C
7439-97-6	Mercury	0.020	0.019	0.013	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EX1-SW3 (6-7)

Lab Sample ID: 460-77244-14

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 14:20

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 92.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	1.9	1.9	0.38	mg/Kg	U		4	6010C
7440-38-2	Arsenic	1.7	2.9	0.79	mg/Kg	J		4	6010C
7440-39-3	Barium	62.5	38.8	1.7	mg/Kg			4	6010C
7440-41-7	Beryllium	0.39	0.39	0.26	mg/Kg	U		4	6010C
7440-43-9	Cadmium	0.78	0.78	0.27	mg/Kg	U		4	6010C
7440-47-3	Chromium	25.3	1.9	0.78	mg/Kg			4	6010C
7440-50-8	Copper	13.0	4.9	1.7	mg/Kg			4	6010C
7439-96-5	Manganese	234	2.9	0.84	mg/Kg			4	6010C
7440-02-0	Nickel	17.4	7.8	1.7	mg/Kg			4	6010C
7439-92-1	Lead	13.2	1.9	0.80	mg/Kg			4	6010C
7782-49-2	Selenium	3.9	3.9	1.1	mg/Kg	U		4	6010C
7440-66-6	Zinc	54.1	5.8	1.7	mg/Kg			4	6010C
7439-97-6	Mercury	0.031	0.018	0.013	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EX1-SW4(6-7)

Lab Sample ID: 460-77251-1

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 14:25

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 92.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.1	2.1	0.40	mg/Kg	U		4	6010C
7440-38-2	Arsenic	1.9	3.1	0.85	mg/Kg	J		4	6010C
7440-39-3	Barium	62.5	41.7	1.8	mg/Kg			4	6010C
7440-41-7	Beryllium	0.31	0.42	0.28	mg/Kg	J		4	6010C
7440-43-9	Cadmium	0.83	0.83	0.30	mg/Kg	U		4	6010C
7440-47-3	Chromium	21.0	2.1	0.84	mg/Kg			4	6010C
7440-50-8	Copper	17.2	5.2	1.8	mg/Kg			4	6010C
7439-96-5	Manganese	292	3.1	0.90	mg/Kg			4	6010C
7440-02-0	Nickel	15.6	8.3	1.9	mg/Kg			4	6010C
7439-92-1	Lead	20.5	2.1	0.86	mg/Kg			4	6010C
7782-49-2	Selenium	4.2	4.2	1.2	mg/Kg	U		4	6010C
7440-66-6	Zinc	65.0	6.3	1.8	mg/Kg			4	6010C
7439-97-6	Mercury	0.019	0.017	0.012	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EX1-B1(8)

Lab Sample ID: 460-77251-2

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 14:30

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 92.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.0	2.0	0.39	mg/Kg	U		4	6010C
7440-38-2	Arsenic	1.4	3.0	0.81	mg/Kg	J		4	6010C
7440-39-3	Barium	57.8	39.7	1.7	mg/Kg			4	6010C
7440-41-7	Beryllium	0.27	0.40	0.27	mg/Kg	J		4	6010C
7440-43-9	Cadmium	0.79	0.79	0.28	mg/Kg	U		4	6010C
7440-47-3	Chromium	19.3	2.0	0.80	mg/Kg			4	6010C
7440-50-8	Copper	14.7	5.0	1.7	mg/Kg			4	6010C
7439-96-5	Manganese	323	3.0	0.86	mg/Kg			4	6010C
7440-02-0	Nickel	14.0	7.9	1.8	mg/Kg			4	6010C
7439-92-1	Lead	12.8	2.0	0.82	mg/Kg			4	6010C
7782-49-2	Selenium	4.0	4.0	1.1	mg/Kg	U		4	6010C
7440-66-6	Zinc	53.9	6.0	1.7	mg/Kg			4	6010C
7439-97-6	Mercury	0.015	0.016	0.012	mg/Kg	J		1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EX1-A(8)

Lab Sample ID: 460-77251-3

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 14:35

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 92.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.0	2.0	0.39	mg/Kg	U		4	6010C
7440-38-2	Arsenic	1.3	3.0	0.81	mg/Kg	J		4	6010C
7440-39-3	Barium	57.8	39.8	1.7	mg/Kg			4	6010C
7440-41-7	Beryllium	0.30	0.40	0.27	mg/Kg	J		4	6010C
7440-43-9	Cadmium	0.80	0.80	0.28	mg/Kg	U		4	6010C
7440-47-3	Chromium	21.5	2.0	0.80	mg/Kg			4	6010C
7440-50-8	Copper	14.7	5.0	1.8	mg/Kg			4	6010C
7439-96-5	Manganese	314	3.0	0.86	mg/Kg			4	6010C
7440-02-0	Nickel	14.5	8.0	1.8	mg/Kg			4	6010C
7439-92-1	Lead	13.7	2.0	0.82	mg/Kg			4	6010C
7782-49-2	Selenium	4.0	4.0	1.1	mg/Kg	U		4	6010C
7440-66-6	Zinc	63.5	6.0	1.7	mg/Kg			4	6010C
7439-97-6	Mercury	0.017	0.018	0.012	mg/Kg	J		1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: ST1-1C

Lab Sample ID: 460-77251-6

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 14:50

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 92.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	1.9	1.9	0.37	mg/Kg	U		4	6010C
7440-38-2	Arsenic	1.8	2.9	0.79	mg/Kg	J		4	6010C
7440-39-3	Barium	70.2	38.6	1.7	mg/Kg			4	6010C
7440-41-7	Beryllium	0.39	0.39	0.26	mg/Kg			4	6010C
7440-43-9	Cadmium	0.77	0.77	0.27	mg/Kg	U		4	6010C
7440-47-3	Chromium	21.0	1.9	0.77	mg/Kg			4	6010C
7440-50-8	Copper	14.9	4.8	1.7	mg/Kg			4	6010C
7439-96-5	Manganese	421	2.9	0.83	mg/Kg			4	6010C
7440-02-0	Nickel	16.5	7.7	1.7	mg/Kg			4	6010C
7439-92-1	Lead	17.0	1.9	0.79	mg/Kg			4	6010C
7782-49-2	Selenium	3.9	3.9	1.1	mg/Kg	U		4	6010C
7440-66-6	Zinc	68.3	5.8	1.7	mg/Kg			4	6010C
7439-97-6	Mercury	0.019	0.018	0.013	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: ST2-1

Lab Sample ID: 460-77251-7

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 15:40

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 91.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.0	2.0	0.38	mg/Kg	U		4	6010C
7440-38-2	Arsenic	2.3	3.0	0.81	mg/Kg	J		4	6010C
7440-39-3	Barium	71.9	39.5	1.7	mg/Kg			4	6010C
7440-41-7	Beryllium	0.28	0.39	0.27	mg/Kg	J		4	6010C
7440-43-9	Cadmium	0.79	0.79	0.28	mg/Kg	U		4	6010C
7440-47-3	Chromium	19.3	2.0	0.79	mg/Kg			4	6010C
7440-50-8	Copper	24.8	4.9	1.7	mg/Kg			4	6010C
7439-96-5	Manganese	300	3.0	0.85	mg/Kg			4	6010C
7440-02-0	Nickel	14.3	7.9	1.8	mg/Kg			4	6010C
7439-92-1	Lead	28.2	2.0	0.81	mg/Kg			4	6010C
7782-49-2	Selenium	3.9	3.9	1.1	mg/Kg	U		4	6010C
7440-66-6	Zinc	115	5.9	1.7	mg/Kg			4	6010C
7439-97-6	Mercury	0.023	0.019	0.013	mg/Kg			1	7471B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: UST1-SW1 (5-6)

Lab Sample ID: 460-77244-2

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 09:35

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 90.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.11	0.11	0.061	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	2.2	2.2	0.54	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: UST1-SW1 (5-6)

Lab Sample ID: 460-77244-2

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 09:35

Reporting Basis: WET

Date Received: 06/05/2014 09:30

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	20.7	2.0		mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: UST1-SW2 (5-6)

Lab Sample ID: 460-77244-3

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 09:20

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 91.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.11	0.11	0.060	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	2.2	2.2	0.56	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: UST1-SW2 (5-6)

Lab Sample ID: 460-77244-3

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 09:20

Reporting Basis: WET

Date Received: 06/05/2014 09:30

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	19.2	2.0		mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: UST1-SW3 (5-6)

Lab Sample ID: 460-77244-4

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 09:25

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 89.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.11	0.11	0.062	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	2.2	2.2	0.56	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: UST1-SW3 (5-6) Lab Sample ID: 460-77244-4
Lab Name: TestAmerica Edison Job No.: 460-77244-1
SDG ID.:
Matrix: Solid Date Sampled: 06/04/2014 09:25
Reporting Basis: WET Date Received: 06/05/2014 09:30

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	20.5	2.0		mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: UST1-SW4 (5-6)

Lab Sample ID: 460-77244-5

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 09:30

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 87.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.11	0.11	0.063	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	2.3	2.3	0.58	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: UST1-SW4 (5-6)

Lab Sample ID: 460-77244-5

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 09:30

Reporting Basis: WET

Date Received: 06/05/2014 09:30

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	17.9	2.0		mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: UST1-B1 (7)

Lab Sample ID: 460-77244-6

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 09:15

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 90.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.11	0.11	0.061	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	0.65	2.2	0.55	mg/Kg	J		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: UST1-B1 (7)

Lab Sample ID: 460-77244-6

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 09:15

Reporting Basis: WET

Date Received: 06/05/2014 09:30

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	16.7	2.0		mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: HL1-SW1 (6-7)

Lab Sample ID: 460-77244-7

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 10:55

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 91.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.11	0.11	0.060	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	2.2	2.2	0.55	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: HL1-SW1 (6-7) Lab Sample ID: 460-77244-7
Lab Name: TestAmerica Edison Job No.: 460-77244-1
SDG ID.:
Matrix: Solid Date Sampled: 06/04/2014 10:55
Reporting Basis: WET Date Received: 06/05/2014 09:30

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	20.4	2.0		mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: HL1-SW2 (6-7)

Lab Sample ID: 460-77244-8

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 11:00

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 92.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.076	0.11	0.060	mg/Kg	J		1	9012B
18540-29-9	Cr (VI)	2.3	2.3	0.56	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: HL1-SW2 (6-7)

Lab Sample ID: 460-77244-8

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 11:00

Reporting Basis: WET

Date Received: 06/05/2014 09:30

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	18.7	2.0		mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: HL1-SW3 (6-7)

Lab Sample ID: 460-77244-9

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 11:05

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 91.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.11	0.11	0.060	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	2.2	2.2	0.56	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: HL1-SW3 (6-7)

Lab Sample ID: 460-77244-9

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 11:05

Reporting Basis: WET

Date Received: 06/05/2014 09:30

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	19.0	2.0		mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: HL1-SW4 (6-7)

Lab Sample ID: 460-77244-10

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 11:10

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 92.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.11	0.11	0.060	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	2.2	2.2	0.56	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: HL1-SW4 (6-7)

Lab Sample ID: 460-77244-10

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 11:10

Reporting Basis: WET

Date Received: 06/05/2014 09:30

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	23.0	2.0		mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: HL1-B1 (8)

Lab Sample ID: 460-77244-11

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 10:50

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 91.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.11	0.11	0.060	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	2.1	2.1	0.53	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: HL1-B1 (8)

Lab Sample ID: 460-77244-11

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 10:50

Reporting Basis: WET

Date Received: 06/05/2014 09:30

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	12.0	2.0		mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX1-SW1 (6-7)

Lab Sample ID: 460-77244-12

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 14:10

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 92.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.11	0.11	0.059	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	2.2	2.2	0.55	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX1-SW1 (6-7)

Lab Sample ID: 460-77244-12

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 14:10

Reporting Basis: WET

Date Received: 06/05/2014 09:30

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	20.2	2.0		mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX1-SW2 (6-7)

Lab Sample ID: 460-77244-13

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 14:15

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 87.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.11	0.11	0.063	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	2.4	2.4	0.59	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX1-SW2 (6-7)

Lab Sample ID: 460-77244-13

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 14:15

Reporting Basis: WET

Date Received: 06/05/2014 09:30

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	21.1	2.0		mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX1-SW3 (6-7)

Lab Sample ID: 460-77244-14

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 14:20

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 92.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.11	0.11	0.060	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	2.1	2.1	0.53	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX1-SW3 (6-7)

Lab Sample ID: 460-77244-14

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 14:20

Reporting Basis: WET

Date Received: 06/05/2014 09:30

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	25.3	2.0		mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX1-SW4(6-7)

Lab Sample ID: 460-77251-1

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 14:25

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 92.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.11	0.11	0.060	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	2.2	2.2	0.56	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX1-SW4(6-7)

Lab Sample ID: 460-77251-1

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 14:25

Reporting Basis: WET

Date Received: 06/05/2014 09:30

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	21.0	2.0		mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX1-B1(8)

Lab Sample ID: 460-77251-2

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 14:30

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 92.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.11	0.11	0.060	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	2.1	2.1	0.53	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX1-B1(8)

Lab Sample ID: 460-77251-2

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 14:30

Reporting Basis: WET

Date Received: 06/05/2014 09:30

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	19.3	2.0		mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX1-A(8)

Lab Sample ID: 460-77251-3

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 14:35

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 92.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.11	0.11	0.060	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	2.2	2.2	0.54	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX1-A(8) Lab Sample ID: 460-77251-3
Lab Name: TestAmerica Edison Job No.: 460-77244-1
SDG ID.:
Matrix: Solid Date Sampled: 06/04/2014 14:35
Reporting Basis: WET Date Received: 06/05/2014 09:30

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	21.5	2.0		mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: ST1-1C

Lab Sample ID: 460-77251-6

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 14:50

Reporting Basis: DRY

Date Received: 06/05/2014 09:30

% Solids: 92.5

CAS NO.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.11	0.11	0.059	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	2.2	2.2	0.54	mg/Kg	U		1	7196A

Client Sample ID:	ST1-1C	Lab Sample ID:	460-77251-6
Lab Name:	TestAmerica Edison	Job No.:	460-77244-1
SDG ID.:			
Matrix:	Solid	Date Sampled:	06/04/2014 14:50
Reporting Basis:	WET	Date Received:	06/05/2014 09:30

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	21.0	2.0		mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: ST2-1 Lab Sample ID: 460-77251-7
Lab Name: TestAmerica Edison Job No.: 460-77244-1
SDG ID.:
Matrix: Solid Date Sampled: 06/04/2014 15:40
Reporting Basis: DRY Date Received: 06/05/2014 09:30
% Solids: 91.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.11	0.11	0.060	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	0.62	2.2	0.56	mg/Kg	J		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: ST2-1

Lab Sample ID: 460-77251-7

Lab Name: TestAmerica Edison

Job No.: 460-77244-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/04/2014 15:40

Reporting Basis: WET

Date Received: 06/05/2014 09:30

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	18.7	2.0		mg/Kg			1	7196A

PART 4
Appendix C
Data Summary Form I's
With Qualifications

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: EX2-B1 (6) Lab Sample ID: 460-77467-1
 Matrix: Solid Lab File ID: 088588.D
 Analysis Method: 8260C Date Collected: 06/09/2014 14:00
 Sample wt/vol: 4.78(g) Date Analyzed: 06/11/2014 16:00
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 7.9 Level: (low/med) Low
 Analysis Batch No.: 229824 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.1	U	1.1	0.15
75-34-3	1,1-Dichloroethane	1.1	U	1.1	0.12
75-35-4	1,1-Dichloroethene	1.1	U	1.1	0.22
95-63-6	1,2,4-Trimethylbenzene	2.7		1.1	0.17
95-50-1	1,2-Dichlorobenzene	1.1	U	1.1	0.11
107-06-2	1,2-Dichloroethane	1.1	U	1.1	0.20
108-67-8	1,3,5-Trimethylbenzene	6.3		1.1	0.14
541-73-1	1,3-Dichlorobenzene	1.1	U	1.1	0.18
106-46-7	1,4-Dichlorobenzene	1.1	U	1.1	0.12
123-91-1	1,4-Dioxane	23	U	23	14
78-93-3	2-Butanone (MEK)	5.7	U	5.7	0.72
67-64-1	Acetone	3.5	JB U	5.7	1.9
71-43-2	Benzene	1.1	U	1.1	0.17
56-23-5	Carbon tetrachloride	1.1	U	1.1	0.17
108-90-7	Chlorobenzene	1.1	U	1.1	0.20
67-66-3	Chloroform	1.1	U	1.1	0.27
156-59-2	cis-1,2-Dichloroethene	3.9		1.1	0.12
100-41-4	Ethylbenzene	2.7		1.1	0.19
1634-04-4	Methyl tert-butyl ether	1.1	U	1.1	0.12
75-09-2	Methylene Chloride	1.1	U	1.1	0.17
104-51-8	n-Butylbenzene	1.2		1.1	0.091
103-65-1	N-Propylbenzene	2.5		1.1	0.17
135-98-8	sec-Butylbenzene	0.36	J	1.1	0.15
98-06-6	tert-Butylbenzene	1.1	U	1.1	0.14
127-18-4	Tetrachloroethene	64		1.1	0.14
108-88-3	Toluene	1.4		1.1	0.16
156-60-5	trans-1,2-Dichloroethene	1.1	U	1.1	0.15
79-01-6	Trichloroethene	0.92	J	1.1	0.14
75-01-4	Vinyl chloride	1.1	U	1.1	0.39
1330-20-7	Xylenes, Total	8.1		2.3	0.76

Signature
12/11/15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG No.: _____

Client Sample ID: EX2-B2 (6)

Lab Sample ID: 460-77467-2

Matrix: Solid

Lab File ID: O88589.D

Analysis Method: 8260C

Date Collected: 06/09/2014 14:15

Sample wt/vol: 4.58(g)

Date Analyzed: 06/11/2014 16:24

Soil Aliquot Vol: _____

Dilution Factor: 1

Soil Extract Vol.: _____

GC Column: DB-624 ID: 0.18 (mm)

% Moisture: 9.2

Level: (low/med) Low

Analysis Batch No.: 229824

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.2	U	1.2	0.16
75-34-3	1,1-Dichloroethane	1.2	U	1.2	0.13
75-35-4	1,1-Dichloroethene	1.2	U	1.2	0.23
95-63-6	1,2,4-Trimethylbenzene	0.99	J	1.2	0.18
95-50-1	1,2-Dichlorobenzene	1.2	U	1.2	0.12
107-06-2	1,2-Dichloroethane	1.2	U	1.2	0.22
108-67-8	1,3,5-Trimethylbenzene	0.85	J	1.2	0.14
541-73-1	1,3-Dichlorobenzene	1.2	U	1.2	0.19
106-46-7	1,4-Dichlorobenzene	1.2	U	1.2	0.13
123-91-1	1,4-Dioxane	24	U	24	15
78-93-3	2-Butanone (MEK)	6.0	U	6.0	0.76
67-64-1	Acetone	5.1	J B U	6.0	2.0
71-43-2	Benzene	1.2	U	1.2	0.18
56-23-5	Carbon tetrachloride	1.2	U	1.2	0.18
108-90-7	Chlorobenzene	1.2	U	1.2	0.22
67-66-3	Chloroform	1.2	U	1.2	0.29
156-59-2	cis-1,2-Dichloroethene	1.4		1.2	0.13
100-41-4	Ethylbenzene	0.28	J	1.2	0.20
1634-04-4	Methyl tert-butyl ether	1.2	U	1.2	0.13
75-09-2	Methylene Chloride	0.19	J J	1.2	0.18
104-51-8	n-Butylbenzene	0.12	J	1.2	0.096
103-65-1	N-Propylbenzene	0.47	J	1.2	0.18
135-98-8	sec-Butylbenzene	1.2	U	1.2	0.16
98-06-6	tert-Butylbenzene	1.2	U	1.2	0.14
127-18-4	Tetrachloroethene	16		1.2	0.14
108-88-3	Toluene	0.57	J	1.2	0.17
156-60-5	trans-1,2-Dichloroethene	1.2	U	1.2	0.16
79-01-6	Trichloroethene	0.47	J	1.2	0.14
75-01-4	Vinyl chloride	1.2	U	1.2	0.41
1330-20-7	Xylenes, Total	2.4	U	2.4	0.81

Signature
12/2/10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: HL2-SW1 (4-5) Lab Sample ID: 460-77467-3
 Matrix: Solid Lab File ID: O88590.D
 Analysis Method: 8260C Date Collected: 06/09/2014 15:05
 Sample wt/vol: 4.66(g) Date Analyzed: 06/11/2014 16:49
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 9.8 Level: (low/med) Low
 Analysis Batch No.: 229824 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.2	U	1.2	0.15
75-34-3	1,1-Dichloroethane	1.2	U	1.2	0.13
75-35-4	1,1-Dichloroethene	1.2	U	1.2	0.23
95-63-6	1,2,4-Trimethylbenzene	1.2	U	1.2	0.18
95-50-1	1,2-Dichlorobenzene	1.2	U	1.2	0.12
107-06-2	1,2-Dichloroethane	1.2	U	1.2	0.21
108-67-8	1,3,5-Trimethylbenzene	1.2	U	1.2	0.14
541-73-1	1,3-Dichlorobenzene	1.2	U	1.2	0.19
106-46-7	1,4-Dichlorobenzene	1.2	U	1.2	0.13
123-91-1	1,4-Dioxane	24	U	24	15
78-93-3	2-Butanone (MEK)	0.86	J	5.9	0.75
67-64-1	Acetone	4.7	J B U	5.9	2.0
71-43-2	Benzene	1.2	U	1.2	0.18
56-23-5	Carbon tetrachloride	1.2	U	1.2	0.18
108-90-7	Chlorobenzene	1.2	U	1.2	0.21
67-66-3	Chloroform	1.2	U	1.2	0.29
156-59-2	cis-1,2-Dichloroethene	1.2	U	1.2	0.13
100-41-4	Ethylbenzene	1.2	U	1.2	0.20
1634-04-4	Methyl tert-butyl ether	1.2	U	1.2	0.13
75-09-2	Methylene Chloride	0.60	J J	1.2	0.18
104-51-8	n-Butylbenzene	1.2	U	1.2	0.095
103-65-1	N-Propylbenzene	1.2	U	1.2	0.18
135-98-8	sec-Butylbenzene	1.2	U	1.2	0.15
98-06-6	tert-Butylbenzene	1.2	U	1.2	0.14
127-18-4	Tetrachloroethene	1.2	U	1.2	0.14
108-88-3	Toluene	1.2	U	1.2	0.17
156-60-5	trans-1,2-Dichloroethene	1.2	U	1.2	0.15
79-01-6	Trichloroethene	1.2	U	1.2	0.14
75-01-4	Vinyl chloride	1.2	U	1.2	0.40
1330-20-7	Xylenes, Total	2.4	U	2.4	0.80

80/12/21/5

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: HL2-SW2 (4-5) Lab Sample ID: 460-77467-4
 Matrix: Solid Lab File ID: O88613.D
 Analysis Method: 8260C Date Collected: 06/09/2014 15:10
 Sample wt/vol: 5.06(g) Date Analyzed: 06/12/2014 03:24
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 9.8 Level: (low/med) Low
 Analysis Batch No.: 230006 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.1	U	1.1	0.14
75-34-3	1,1-Dichloroethane	1.1	U	1.1	0.12
75-35-4	1,1-Dichloroethene	1.1	U	1.1	0.21
95-63-6	1,2,4-Trimethylbenzene	1.1	U	1.1	0.16
95-50-1	1,2-Dichlorobenzene	1.1	U	1.1	0.11
107-06-2	1,2-Dichloroethane	1.1	U	1.1	0.20
108-67-8	1,3,5-Trimethylbenzene	1.1	U	1.1	0.13
541-73-1	1,3-Dichlorobenzene	1.1	U	1.1	0.18
106-46-7	1,4-Dichlorobenzene	1.1	U	1.1	0.12
123-91-1	1,4-Dioxane	22	U	22	14
78-93-3	2-Butanone (MEK)	5.5	U	5.5	0.69
67-64-1	Acetone	5.5	U	5.5	1.9
71-43-2	Benzene	1.1	U	1.1	0.16
56-23-5	Carbon tetrachloride	1.1	U	1.1	0.16
108-90-7	Chlorobenzene	1.1	U	1.1	0.20
67-66-3	Chloroform	1.1	U	1.1	0.26
156-59-2	cis-1,2-Dichloroethene	1.1	U	1.1	0.12
100-41-4	Ethylbenzene	1.1	U	1.1	0.19
1634-04-4	Methyl tert-butyl ether	1.1	U	1.1	0.12
75-09-2	Methylene Chloride	1.1	U	1.1	0.16
104-51-8	n-Butylbenzene	1.1	U	1.1	0.088
103-65-1	N-Propylbenzene	1.1	U	1.1	0.16
135-98-8	sec-Butylbenzene	1.1	U	1.1	0.14
98-06-6	tert-Butylbenzene	1.1	U	1.1	0.13
127-18-4	Tetrachloroethene	2.2		1.1	0.13
108-88-3	Toluene	1.1	U	1.1	0.15
156-60-5	trans-1,2-Dichloroethene	1.1	U	1.1	0.14
79-01-6	Trichloroethene	1.1	U	1.1	0.13
75-01-4	Vinyl chloride	1.1	U	1.1	0.37
1330-20-7	Xylenes, Total	2.2	U	2.2	0.73

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-77467-1</u>
SDG No.: _____	
Client Sample ID: <u>HL2-SW3 (4-5)</u>	Lab Sample ID: <u>460-77467-5</u>
Matrix: <u>Solid</u>	Lab File ID: <u>088614.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/09/2014 15:15</u>
Sample wt/vol: <u>5.28(g)</u>	Date Analyzed: <u>06/12/2014 03:49</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
% Moisture: <u>10.6</u>	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>230006</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.1	U	1.1	0.14
75-34-3	1,1-Dichloroethane	1.1	U	1.1	0.12
75-35-4	1,1-Dichloroethene	1.1	U	1.1	0.20
95-63-6	1,2,4-Trimethylbenzene	1.1	U	1.1	0.16
95-50-1	1,2-Dichlorobenzene	1.1	U	1.1	0.11
107-06-2	1,2-Dichloroethane	1.1	U	1.1	0.19
108-67-8	1,3,5-Trimethylbenzene	1.1	U	1.1	0.13
541-73-1	1,3-Dichlorobenzene	1.1	U	1.1	0.17
106-46-7	1,4-Dichlorobenzene	1.1	U	1.1	0.12
123-91-1	1,4-Dioxane	21	U	21	13
78-93-3	2-Butanone (MEK)	5.3	U	5.3	0.67
67-64-1	Acetone	5.3	U	5.3	1.8
71-43-2	Benzene	1.1	U	1.1	0.16
56-23-5	Carbon tetrachloride	1.1	U	1.1	0.16
108-90-7	Chlorobenzene	1.1	U	1.1	0.19
67-66-3	Chloroform	1.1	U	1.1	0.25
156-59-2	cis-1,2-Dichloroethene	1.1	U	1.1	0.12
100-41-4	Ethylbenzene	1.1	U	1.1	0.18
1634-04-4	Methyl tert-butyl ether	1.1	U	1.1	0.12
75-09-2	Methylene Chloride	1.1	U	1.1	0.16
104-51-8	n-Butylbenzene	1.1	U	1.1	0.085
103-65-1	N-Propylbenzene	1.1	U	1.1	0.16
135-98-8	sec-Butylbenzene	1.1	U	1.1	0.14
98-06-6	tert-Butylbenzene	1.1	U	1.1	0.13
127-18-4	Tetrachloroethene	9.3		1.1	0.13
108-88-3	Toluene	1.1	U	1.1	0.15
156-60-5	trans-1,2-Dichloroethene	1.1	U	1.1	0.14
79-01-6	Trichloroethene	1.1	U	1.1	0.13
75-01-4	Vinyl chloride	1.1	U	1.1	0.36
1330-20-7	Xylenes, Total	2.1	U	2.1	0.71

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: HL2-SW4 (4-5) Lab Sample ID: 460-77467-6
 Matrix: Solid Lab File ID: 088615.D
 Analysis Method: 8260C Date Collected: 06/09/2014 15:20
 Sample wt/vol: 4.29(g) Date Analyzed: 06/12/2014 04:14
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 9.3 Level: (low/med) Low
 Analysis Batch No.: 230006 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.3	U	1.3	0.17
75-34-3	1,1-Dichloroethane	1.3	U	1.3	0.14
75-35-4	1,1-Dichloroethene	1.3	U	1.3	0.24
95-63-6	1,2,4-Trimethylbenzene	1.3	U	1.3	0.19
95-50-1	1,2-Dichlorobenzene	1.3	U	1.3	0.13
107-06-2	1,2-Dichloroethane	1.3	U	1.3	0.23
108-67-8	1,3,5-Trimethylbenzene	1.3	U	1.3	0.15
541-73-1	1,3-Dichlorobenzene	1.3	U	1.3	0.21
106-46-7	1,4-Dichlorobenzene	1.3	U	1.3	0.14
123-91-1	1,4-Dioxane	26	U	26	16
78-93-3	2-Butanone (MEK)	6.4	U	6.4	0.81
67-64-1	Acetone	6.4	U	6.4	2.2
71-43-2	Benzene	1.3	U	1.3	0.19
56-23-5	Carbon tetrachloride	1.3	U	1.3	0.19
108-90-7	Chlorobenzene	1.3	U	1.3	0.23
67-66-3	Chloroform	1.3	U	1.3	0.31
156-59-2	cis-1,2-Dichloroethene	1.3	U	1.3	0.14
100-41-4	Ethylbenzene	1.3	U	1.3	0.22
1634-04-4	Methyl tert-butyl ether	1.3	U	1.3	0.14
75-09-2	Methylene Chloride	1.3	U	1.3	0.19
104-51-8	n-Butylbenzene	1.3	U	1.3	0.10
103-65-1	N-Propylbenzene	1.3	U	1.3	0.19
135-98-8	sec-Butylbenzene	1.3	U	1.3	0.17
98-06-6	tert-Butylbenzene	1.3	U	1.3	0.15
127-18-4	Tetrachloroethene	3.4		1.3	0.15
108-88-3	Toluene	1.3	U	1.3	0.18
156-60-5	trans-1,2-Dichloroethene	1.3	U	1.3	0.17
79-01-6	Trichloroethene	1.3	U	1.3	0.15
75-01-4	Vinyl chloride	1.3	U	1.3	0.44
1330-20-7	Xylenes, Total	2.6	U	2.6	0.86

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: HL2-B1 (6) Lab Sample ID: 460-77467-7
 Matrix: Solid Lab File ID: 088616.D
 Analysis Method: 8260C Date Collected: 06/09/2014 15:25
 Sample wt/vol: 5.26(g) Date Analyzed: 06/12/2014 04:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 8.7 Level: (low/med) Low
 Analysis Batch No.: 230006 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.11
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.20
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.16
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.10
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.17
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.11
123-91-1	1,4-Dioxane	21	U	21	13
78-93-3	2-Butanone (MEK)	5.2	U	5.2	0.66
67-64-1	Acetone	5.2	U	5.2	1.8
71-43-2	Benzene	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.19
67-66-3	Chloroform	1.0	U	1.0	0.25
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.18
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.11
75-09-2	Methylene Chloride	0.79	J	1.0	0.16
104-51-8	n-Butylbenzene	1.0	U	1.0	0.083
103-65-1	N-Propylbenzene	1.0	U	1.0	0.16
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.14
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.12
127-18-4	Tetrachloroethene	2.3		1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.15
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
79-01-6	Trichloroethene	0.13	J	1.0	0.12
75-01-4	Vinyl chloride	1.0	U	1.0	0.35
1330-20-7	Xylenes, Total	2.1	U	2.1	0.70

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: EX3-SW1 (13-14) Lab Sample ID: 460-77553-1
 Matrix: Solid Lab File ID: 088732.D
 Analysis Method: 8260C Date Collected: 06/10/2014 13:50
 Sample wt/vol: 3.89(g) Date Analyzed: 06/14/2014 15:33
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 4.7 Level: (low/med) Low
 Analysis Batch No.: 230630 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.3	U	1.3	0.18
75-34-3	1,1-Dichloroethane	1.3	U	1.3	0.15
75-35-4	1,1-Dichloroethene	1.3	U	1.3	0.26
95-63-6	1,2,4-Trimethylbenzene	1.3	U	1.3	0.20
95-50-1	1,2-Dichlorobenzene	1.3	U	1.3	0.13
107-06-2	1,2-Dichloroethane	1.3	U	1.3	0.24
108-67-8	1,3,5-Trimethylbenzene	1.3	U	1.3	0.16
541-73-1	1,3-Dichlorobenzene	1.3	U	1.3	0.22
106-46-7	1,4-Dichlorobenzene	1.3	U	1.3	0.15
123-91-1	1,4-Dioxane	27	U	27	17
78-93-3	2-Butanone (MEK)	6.7	U	6.7	0.85
67-64-1	Acetone	6.7	U	6.7	2.3
71-43-2	Benzene	1.3	U	1.3	0.20
56-23-5	Carbon tetrachloride	1.3	U	1.3	0.20
108-90-7	Chlorobenzene	1.3	U	1.3	0.24
67-66-3	Chloroform	1.3	U	1.3	0.32
156-59-2	cis-1,2-Dichloroethene	1.3	U	1.3	0.15
100-41-4	Ethylbenzene	1.3	U	1.3	0.23
1634-04-4	Methyl tert-butyl ether	1.3	U	1.3	0.15
75-09-2	Methylene Chloride	1.3	U	1.3	0.20
104-51-8	n-Butylbenzene	1.3	U	1.3	0.11
103-65-1	N-Propylbenzene	1.3	U	1.3	0.20
135-98-8	sec-Butylbenzene	1.3	U	1.3	0.18
98-06-6	tert-Butylbenzene	1.3	U	1.3	0.16
127-18-4	Tetrachloroethene	0.25	J	1.3	0.16
108-88-3	Toluene	1.3	U	1.3	0.19
156-60-5	trans-1,2-Dichloroethene	1.3	U	1.3	0.18
79-01-6	Trichloroethene	1.3	U	1.3	0.16
75-01-4	Vinyl chloride	1.3	U	1.3	0.46
1330-20-7	Xylenes, Total	2.7	U	2.7	0.90

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: EX3-SW2 (13-14) Lab Sample ID: 460-77553-2
 Matrix: Solid Lab File ID: 088733.D
 Analysis Method: 8260C Date Collected: 06/10/2014 13:55
 Sample wt/vol: 4.27(g) Date Analyzed: 06/14/2014 15:57
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 5.5 Level: (low/med) Low
 Analysis Batch No.: 230630 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.2	U	1.2	0.16
75-34-3	1,1-Dichloroethane	1.2	U	1.2	0.14
75-35-4	1,1-Dichloroethene	1.2	U	1.2	0.24
95-63-6	1,2,4-Trimethylbenzene	1.2	U	1.2	0.19
95-50-1	1,2-Dichlorobenzene	1.2	U	1.2	0.12
107-06-2	1,2-Dichloroethane	1.2	U	1.2	0.22
108-67-8	1,3,5-Trimethylbenzene	1.2	U	1.2	0.15
541-73-1	1,3-Dichlorobenzene	1.2	U	1.2	0.20
106-46-7	1,4-Dichlorobenzene	1.2	U	1.2	0.14
123-91-1	1,4-Dioxane	25	U	25	16
78-93-3	2-Butanone (MEK)	6.2	U	6.2	0.78
67-64-1	Acetone	6.2	U	6.2	2.1
71-43-2	Benzene	1.2	U	1.2	0.19
56-23-5	Carbon tetrachloride	1.2	U	1.2	0.19
108-90-7	Chlorobenzene	1.2	U	1.2	0.22
67-66-3	Chloroform	1.2	U	1.2	0.30
156-59-2	cis-1,2-Dichloroethene	1.2	U	1.2	0.14
100-41-4	Ethylbenzene	1.2	U	1.2	0.21
1634-04-4	Methyl tert-butyl ether	1.2	U	1.2	0.14
75-09-2	Methylene Chloride	1.2	U	1.2	0.19
104-51-8	n-Butylbenzene	1.2	U	1.2	0.099
103-65-1	N-Propylbenzene	1.2	U	1.2	0.19
135-98-8	sec-Butylbenzene	1.2	U	1.2	0.16
98-06-6	tert-Butylbenzene	1.2	U	1.2	0.15
127-18-4	Tetrachloroethene	1.2	U	1.2	0.15
108-88-3	Toluene	1.2	U	1.2	0.17
156-60-5	trans-1,2-Dichloroethene	1.2	U	1.2	0.16
79-01-6	Trichloroethene	1.2	U	1.2	0.15
75-01-4	Vinyl chloride	1.2	U	1.2	0.42
1330-20-7	Xylenes, Total	2.5	U	2.5	0.83

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: EX3-SW3 (13-14) Lab Sample ID: 460-77553-3
 Matrix: Solid Lab File ID: 088734.D
 Analysis Method: 8260C Date Collected: 06/10/2014 14:00
 Sample wt/vol: 4.11(g) Date Analyzed: 06/14/2014 16:22
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 4.7 Level: (low/med) Low
 Analysis Batch No.: 230630 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.3	U	1.3	0.17
75-34-3	1,1-Dichloroethane	1.3	U	1.3	0.14
75-35-4	1,1-Dichloroethene	1.3	U	1.3	0.24
95-63-6	1,2,4-Trimethylbenzene	1.3	U	1.3	0.19
95-50-1	1,2-Dichlorobenzene	1.3	U	1.3	0.13
107-06-2	1,2-Dichloroethane	1.3	U	1.3	0.23
108-67-8	1,3,5-Trimethylbenzene	1.3	U	1.3	0.15
541-73-1	1,3-Dichlorobenzene	1.3	U	1.3	0.20
106-46-7	1,4-Dichlorobenzene	1.3	U	1.3	0.14
123-91-1	1,4-Dioxane	26	U	26	16
78-93-3	2-Butanone (MEK)	6.4	U	6.4	0.80
67-64-1	Acetone	6.4	U	6.4	2.2
71-43-2	Benzene	1.3	U	1.3	0.19
56-23-5	Carbon tetrachloride	1.3	U	1.3	0.19
108-90-7	Chlorobenzene	1.3	U	1.3	0.23
67-66-3	Chloroform	1.3	U	1.3	0.31
156-59-2	cis-1,2-Dichloroethene	1.3	U	1.3	0.14
100-41-4	Ethylbenzene	1.3	U	1.3	0.22
1634-04-4	Methyl tert-butyl ether	1.3	U	1.3	0.14
75-09-2	Methylene Chloride	1.3	U	1.3	0.19
104-51-8	n-Butylbenzene	1.3	U	1.3	0.10
103-65-1	N-Propylbenzene	1.3	U	1.3	0.19
135-98-8	sec-Butylbenzene	1.3	U	1.3	0.17
98-06-6	tert-Butylbenzene	1.3	U	1.3	0.15
127-18-4	Tetrachloroethene	1.3	U	1.3	0.15
108-88-3	Toluene	1.3	U	1.3	0.18
156-60-5	trans-1,2-Dichloroethene	1.3	U	1.3	0.17
79-01-6	Trichloroethene	1.3	U	1.3	0.15
75-01-4	Vinyl chloride	1.3	U	1.3	0.43
1330-20-7	Xylenes, Total	2.6	U	2.6	0.86

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: EX3-SW4 (13-14) Lab Sample ID: 460-77553-4
 Matrix: Solid Lab File ID: 088735.D
 Analysis Method: 8260C Date Collected: 06/10/2014 14:05
 Sample wt/vol: 4.25(g) Date Analyzed: 06/14/2014 16:47
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 4.8 Level: (low/med) Low
 Analysis Batch No.: 230630 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.2	U	1.2	0.16
75-34-3	1,1-Dichloroethane	1.2	U	1.2	0.14
75-35-4	1,1-Dichloroethene	1.2	U	1.2	0.23
95-63-6	1,2,4-Trimethylbenzene	1.2	U	1.2	0.19
95-50-1	1,2-Dichlorobenzene	1.2	U	1.2	0.12
107-06-2	1,2-Dichloroethane	1.2	U	1.2	0.22
108-67-8	1,3,5-Trimethylbenzene	1.2	U	1.2	0.15
541-73-1	1,3-Dichlorobenzene	1.2	U	1.2	0.20
106-46-7	1,4-Dichlorobenzene	1.2	U	1.2	0.14
123-91-1	1,4-Dioxane	25	U	25	16
78-93-3	2-Butanone (MEK)	6.2	U	6.2	0.78
67-64-1	Acetone	6.2	U	6.2	2.1
71-43-2	Benzene	1.2	U	1.2	0.19
56-23-5	Carbon tetrachloride	1.2	U	1.2	0.19
108-90-7	Chlorobenzene	1.2	U	1.2	0.22
67-66-3	Chloroform	1.2	U	1.2	0.30
156-59-2	cis-1,2-Dichloroethene	1.2	U	1.2	0.14
100-41-4	Ethylbenzene	1.2	U	1.2	0.21
1634-04-4	Methyl tert-butyl ether	1.2	U	1.2	0.14
75-09-2	Methylene Chloride	1.2	U	1.2	0.19
104-51-8	n-Butylbenzene	1.2	U	1.2	0.099
103-65-1	N-Propylbenzene	1.2	U	1.2	0.19
135-98-8	sec-Butylbenzene	1.2	U	1.2	0.16
98-06-6	tert-Butylbenzene	1.2	U	1.2	0.15
127-18-4	Tetrachloroethene	1.2	U	1.2	0.15
108-88-3	Toluene	1.2	U	1.2	0.17
156-60-5	trans-1,2-Dichloroethene	1.2	U	1.2	0.16
79-01-6	Trichloroethene	1.2	U	1.2	0.15
75-01-4	Vinyl chloride	1.2	U	1.2	0.42
1330-20-7	Xylenes, Total	2.5	U	2.5	0.83

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: EX3-B1 (15) Lab Sample ID: 460-77553-5
 Matrix: Solid Lab File ID: O88736.D
 Analysis Method: 8260C Date Collected: 06/10/2014 14:10
 Sample wt/vol: 3.95(g) Date Analyzed: 06/14/2014 17:12
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 3.7 Level: (low/med) Low
 Analysis Batch No.: 230630 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.3	U	1.3	0.17
75-34-3	1,1-Dichloroethane	1.3	U	1.3	0.14
75-35-4	1,1-Dichloroethene	1.3	U	1.3	0.25
95-63-6	1,2,4-Trimethylbenzene	1.3	U	1.3	0.20
95-50-1	1,2-Dichlorobenzene	1.3	U	1.3	0.13
107-06-2	1,2-Dichloroethane	1.3	U	1.3	0.24
108-67-8	1,3,5-Trimethylbenzene	1.3	U	1.3	0.16
541-73-1	1,3-Dichlorobenzene	1.3	U	1.3	0.21
106-46-7	1,4-Dichlorobenzene	1.3	U	1.3	0.14
123-91-1	1,4-Dioxane	26	U	26	17
78-93-3	2-Butanone (MEK)	6.6	U	6.6	0.83
67-64-1	Acetone	6.6	U	6.6	2.2
71-43-2	Benzene	1.3	U	1.3	0.20
56-23-5	Carbon tetrachloride	1.3	U	1.3	0.20
108-90-7	Chlorobenzene	1.3	U	1.3	0.24
67-66-3	Chloroform	1.3	U	1.3	0.32
156-59-2	cis-1,2-Dichloroethene	1.3	U	1.3	0.14
100-41-4	Ethylbenzene	1.3	U	1.3	0.22
1634-04-4	Methyl tert-butyl ether	1.3	U	1.3	0.14
75-09-2	Methylene Chloride	1.3	U	1.3	0.20
104-51-8	n-Butylbenzene	1.3	U	1.3	0.11
103-65-1	N-Propylbenzene	1.3	U	1.3	0.20
135-98-8	sec-Butylbenzene	1.3	U	1.3	0.17
98-06-6	tert-Butylbenzene	1.3	U	1.3	0.16
127-18-4	Tetrachloroethene	1.3	U	1.3	0.16
108-88-3	Toluene	1.3	U	1.3	0.18
156-60-5	trans-1,2-Dichloroethene	1.3	U	1.3	0.17
79-01-6	Trichloroethene	1.3	U	1.3	0.16
75-01-4	Vinyl chloride	1.3	U	1.3	0.45
1330-20-7	Xylenes, Total	2.6	U	2.6	0.88

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: EX3-B2 (8) Lab Sample ID: 460-77553-6
 Matrix: Solid Lab File ID: O88737.D
 Analysis Method: 8260C Date Collected: 06/10/2014 14:15
 Sample wt/vol: 4.62(g) Date Analyzed: 06/14/2014 17:36
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 9.6 Level: (low/med) Low
 Analysis Batch No.: 230630 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.2	U	1.2	0.16
75-34-3	1,1-Dichloroethane	1.2	U	1.2	0.13
75-35-4	1,1-Dichloroethene	1.2	U	1.2	0.23
95-63-6	1,2,4-Trimethylbenzene	0.19	J	1.2	0.18
95-50-1	1,2-Dichlorobenzene	1.2	U	1.2	0.12
107-06-2	1,2-Dichloroethane	1.2	U	1.2	0.22
108-67-8	1,3,5-Trimethylbenzene	1.2	U	1.2	0.14
541-73-1	1,3-Dichlorobenzene	1.2	U	1.2	0.19
106-46-7	1,4-Dichlorobenzene	1.2	U	1.2	0.13
123-91-1	1,4-Dioxane	24	U	24	15
78-93-3	2-Butanone (MEK)	6.0	U	6.0	0.75
67-64-1	Acetone	6.0	U	6.0	2.0
71-43-2	Benzene	1.2	U	1.2	0.18
56-23-5	Carbon tetrachloride	1.2	U	1.2	0.18
108-90-7	Chlorobenzene	1.2	U	1.2	0.22
67-66-3	Chloroform	1.2	U	1.2	0.29
156-59-2	cis-1,2-Dichloroethene	1.2	U	1.2	0.13
100-41-4	Ethylbenzene	1.2	U	1.2	0.20
1634-04-4	Methyl tert-butyl ether	1.2	U	1.2	0.13
75-09-2	Methylene Chloride	1.2	U	1.2	0.18
104-51-8	n-Butylbenzene	1.2	U	1.2	0.096
103-65-1	N-Propylbenzene	1.2	U	1.2	0.18
135-98-8	sec-Butylbenzene	1.2	U	1.2	0.16
98-06-6	tert-Butylbenzene	1.2	U	1.2	0.14
127-18-4	Tetrachloroethene	3.2		1.2	0.14
108-88-3	Toluene	1.2	U	1.2	0.17
156-60-5	trans-1,2-Dichloroethene	1.2	U	1.2	0.16
79-01-6	Trichloroethene	1.2	U	1.2	0.14
75-01-4	Vinyl chloride	1.2	U	1.2	0.41
1330-20-7	Xylenes, Total	2.4	U	2.4	0.80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG No.: _____

Client Sample ID: EX2-B1 (6)

Lab Sample ID: 460-77467-1

Matrix: Solid

Lab File ID: L1150553.D

Analysis Method: 8270D

Date Collected: 06/09/2014 14:00

Extract. Method: 3541

Date Extracted: 06/10/2014 10:36

Sample wt/vol: 15.03(g)

Date Analyzed: 06/13/2014 15:22

Con. Extract Vol.: 1(mL)

Dilution Factor: 1

Injection Volume: 1(uL)

Level: (low/med) Low

% Moisture: 7.9

GPC Cleanup: (Y/N) N

Analysis Batch No.: 230500

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	360	U	360	61
15831-10-4	3 & 4 Methylphenol	360	U	360	61
83-32-9	Acenaphthene	360	U	360	52
208-96-8	Acenaphthylene	360	U	360	42
120-12-7	Anthracene	360	U	360	44
56-55-3	Benzo[a]anthracene	28	J	36	2.5
50-32-8	Benzo[a]pyrene	28	J	36	2.5
205-99-2	Benzo[b]fluoranthene	36		36	2.3
191-24-2	Benzo[g,h,i]perylene	360	U	360	27
207-08-9	Benzo[k]fluoranthene	16	J	36	2.7
218-01-9	Chrysene	360	U	360	42
53-70-3	Dibenz(a,h)anthracene	36	U	36	4.5
132-64-9	Dibenzofuran	360	U	360	42
206-44-0	Fluoranthene	360	U	360	48
86-73-7	Fluorene	360	U	360	46
118-74-1	Hexachlorobenzene	36	U	36	4.9
193-39-5	Indeno[1,2,3-cd]pyrene	20	J	36	6.7
91-20-3	Naphthalene	360	U	360	42
87-86-5	Pentachlorophenol	730	U	730	110
85-01-8	Phenanthrene	360	U	360	46
108-95-2	Phenol	360	U	360	48
129-00-0	Pyrene	52	J	360	30

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	59		19-114
321-60-8	2-Fluorobiphenyl	71		49-112
367-12-4	2-Fluorophenol (Surr)	58		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	66		40-106
4165-62-2	Phenol-d5 (Surr)	58		44-104
1718-51-0	Terphenyl-d14 (Surr)	94		41-145

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG No.: _____

Client Sample ID: EX2-B2 (6)

Lab Sample ID: 460-77467-2

Matrix: Solid

Lab File ID: L1150554.D

Analysis Method: 8270D

Date Collected: 06/09/2014 14:15

Extract. Method: 3541

Date Extracted: 06/10/2014 12:57

Sample wt/vol: 15.00(g)

Date Analyzed: 06/13/2014 15:50

Con. Extract Vol.: 1(mL)

Dilution Factor: 1

Injection Volume: 1(uL)

Level: (low/med) Low

% Moisture: 9.2

GPC Cleanup: (Y/N) N

Analysis Batch No.: 230500

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	360	U	360	62
15831-10-4	3 & 4 Methylphenol	360	U	360	62
83-32-9	Acenaphthene	360	U	360	53
208-96-8	Acenaphthylene	360	U	360	43
120-12-7	Anthracene	360	U	360	44
56-55-3	Benzo[a]anthracene	36	U	36	2.5
50-32-8	Benzo[a]pyrene	36	U	36	2.6
205-99-2	Benzo[b]fluoranthene	36	U	36	2.3
191-24-2	Benzo[g,h,i]perylene	51	J	360	27
207-08-9	Benzo[k]fluoranthene	36	U	36	2.8
218-01-9	Chrysene	360	U	360	43
53-70-3	Dibenz(a,h)anthracene	36	U	36	4.6
132-64-9	Dibenzofuran	360	U	360	43
206-44-0	Fluoranthene	360	U	360	49
86-73-7	Fluorene	360	U	360	47
118-74-1	Hexachlorobenzene	36	U	36	5.0
193-39-5	Indeno[1,2,3-cd]pyrene	36	U	36	6.8
91-20-3	Naphthalene	360	U	360	42
87-86-5	Pentachlorophenol	740	U	740	110
85-01-8	Phenanthrene	360	U	360	46
108-95-2	Phenol	360	U	360	49
129-00-0	Pyrene	360	U	360	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	66		19-114
321-60-8	2-Fluorobiphenyl	75		49-112
367-12-4	2-Fluorophenol (Surr)	53		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	66		40-106
4165-62-2	Phenol-d5 (Surr)	52		44-104
1718-51-0	Terphenyl-d14 (Surr)	65		41-145

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG No.: _____

Client Sample ID: HL2-SW1 (4-5)

Lab Sample ID: 460-77467-3

Matrix: Solid

Lab File ID: L1150555.D

Analysis Method: 8270D

Date Collected: 06/09/2014 15:05

Extract. Method: 3541

Date Extracted: 06/10/2014 12:57

Sample wt/vol: 15.01(g)

Date Analyzed: 06/13/2014 16:18

Con. Extract Vol.: 1(mL)

Dilution Factor: 1

Injection Volume: 1(uL)

Level: (low/med) Low

% Moisture: 9.8

GPC Cleanup: (Y/N) N

Analysis Batch No.: 230500

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	370	U	370	62
15831-10-4	3 & 4 Methylphenol	370	U	370	62
83-32-9	Acenaphthene	370	U	370	53
208-96-8	Acenaphthylene	370	U	370	43
120-12-7	Anthracene	370	U	370	45
56-55-3	Benzo[a]anthracene	37	U	37	2.6
50-32-8	Benzo[a]pyrene	37	U	37	2.6
205-99-2	Benzo[b]fluoranthene	37	U	37	2.3
191-24-2	Benzo[g,h,i]perylene	370	U	370	27
207-08-9	Benzo[k]fluoranthene	37	U	37	2.8
218-01-9	Chrysene	370	U	370	43
53-70-3	Dibenz(a,h)anthracene	37	U	37	4.6
132-64-9	Dibenzofuran	370	U	370	43
206-44-0	Fluoranthene	370	U	370	49
86-73-7	Fluorene	370	U	370	47
118-74-1	Hexachlorobenzene	37	U	37	5.0
193-39-5	Indeno[1,2,3-cd]pyrene	37	U	37	6.8
91-20-3	Naphthalene	370	U	370	42
87-86-5	Pentachlorophenol	740	U	740	110
85-01-8	Phenanthrene	370	U	370	47
108-95-2	Phenol	370	U	370	49
129-00-0	Pyrene	370	U	370	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	48		19-114
321-60-8	2-Fluorobiphenyl	73		49-112
367-12-4	2-Fluorophenol (Surr)	59		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	70		40-106
4165-62-2	Phenol-d5 (Surr)	60		44-104
1718-51-0	Terphenyl-d14 (Surr)	89		41-145

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG No.: _____

Client Sample ID: HL2-SW2 (4-5)

Lab Sample ID: 460-77467-4

Matrix: Solid

Lab File ID: L1150556.D

Analysis Method: 8270D

Date Collected: 06/09/2014 15:10

Extract. Method: 3541

Date Extracted: 06/10/2014 12:57

Sample wt/vol: 15.04(g)

Date Analyzed: 06/13/2014 16:46

Con. Extract Vol.: 1(mL)

Dilution Factor: 1

Injection Volume: 1(uL)

Level: (low/med) Low

% Moisture: 9.8

GPC Cleanup: (Y/N) N

Analysis Batch No.: 230500

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	360	U	360	62
15831-10-4	3 & 4 Methylphenol	360	U	360	62
83-32-9	Acenaphthene	360	U	360	53
208-96-8	Acenaphthylene	360	U	360	43
120-12-7	Anthracene	360	U	360	44
56-55-3	Benzo[a]anthracene	49		36	2.6
50-32-8	Benzo[a]pyrene	45		36	2.6
205-99-2	Benzo[b]fluoranthene	62		36	2.3
191-24-2	Benzo[g,h,i]perylene	360	U	360	27
207-08-9	Benzo[k]fluoranthene	27	J	36	2.8
218-01-9	Chrysene	57	J	360	43
53-70-3	Dibenz(a,h)anthracene	36	U	36	4.6
132-64-9	Dibenzofuran	360	U	360	43
206-44-0	Fluoranthene	75	J	360	49
86-73-7	Fluorene	360	U	360	47
118-74-1	Hexachlorobenzene	36	U	36	5.0
193-39-5	Indeno[1,2,3-cd]pyrene	26	J	36	6.8
91-20-3	Naphthalene	360	U	360	42
87-86-5	Pentachlorophenol	740	U	740	110
85-01-8	Phenanthrene	360	U	360	47
108-95-2	Phenol	360	U	360	49
129-00-0	Pyrene	90	J	360	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	38		19-114
321-60-8	2-Fluorobiphenyl	75		49-112
367-12-4	2-Fluorophenol (Surr)	59		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	70		40-106
4165-62-2	Phenol-d5 (Surr)	59		44-104
1718-51-0	Terphenyl-d14 (Surr)	88		41-145

for
12/14/15 06/19/2014

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG No.: _____

Client Sample ID: HL2-SW3 (4-5)

Lab Sample ID: 460-77467-5

Matrix: Solid

Lab File ID: L1150573.D

Analysis Method: 8270D

Date Collected: 06/09/2014 15:15

Extract. Method: 3541

Date Extracted: 06/10/2014 12:57

Sample wt/vol: 15.01(g)

Date Analyzed: 06/14/2014 00:44

Con. Extract Vol.: 1(mL)

Dilution Factor: 2

Injection Volume: 1(uL)

Level: (low/med) Low

% Moisture: 10.6

GPC Cleanup: (Y/N) N

Analysis Batch No.: 230500

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	740	U	740	130
15831-10-4	3 & 4 Methylphenol	740	U	740	130
83-32-9	Acenaphthene	740	U	740	110
208-96-8	Acenaphthylene	740	U	740	87
120-12-7	Anthracene	740	U	740	90
56-55-3	Benzo[a]anthracene	74	U	74	5.2
50-32-8	Benzo[a]pyrene	74	U	74	5.2
205-99-2	Benzo[b]fluoranthene	74	U	74	4.7
191-24-2	Benzo[g,h,i]perylene	740	U	740	55
207-08-9	Benzo[k]fluoranthene	74	U	74	5.6
218-01-9	Chrysene	740	U	740	86
53-70-3	Dibenz(a,h)anthracene	74	U	74	9.3
132-64-9	Dibenzofuran	740	U	740	87
206-44-0	Fluoranthene	740	U	740	99
86-73-7	Fluorene	740	U	740	95
118-74-1	Hexachlorobenzene	74	U	74	10
193-39-5	Indeno[1,2,3-cd]pyrene	74	U	74	14
91-20-3	Naphthalene	740	U	740	86
87-86-5	Pentachlorophenol	1500	U	1500	220
85-01-8	Phenanthrene	740	U	740	94
108-95-2	Phenol	740	U	740	99
129-00-0	Pyrene	740	U	740	62

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	104		19-114
321-60-8	2-Fluorobiphenyl	87		49-112
367-12-4	2-Fluorophenol (Surr)	64		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	78		40-106
4165-62-2	Phenol-d5 (Surr)	60		44-104
1718-51-0	Terphenyl-d14 (Surr)	103		41-145

8/12/2015

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG No.: _____

Client Sample ID: HL2-SW4 (4-5)

Lab Sample ID: 460-77467-6

Matrix: Solid

Lab File ID: L1150557.D

Analysis Method: 8270D

Date Collected: 06/09/2014 15:20

Extract. Method: 3541

Date Extracted: 06/10/2014 12:57

Sample wt/vol: 15.00(g)

Date Analyzed: 06/13/2014 17:13

Con. Extract Vol.: 1(mL)

Dilution Factor: 1

Injection Volume: 1(uL)

Level: (low/med) Low

% Moisture: 9.3

GPC Cleanup: (Y/N) N

Analysis Batch No.: 230500

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	360	U UJ	360	62
15831-10-4	3 & 4 Methylphenol	360	U UJ	360	62
83-32-9	Acenaphthene	360	U	360	53
208-96-8	Acenaphthylene	360	U	360	43
120-12-7	Anthracene	360	U	360	44
56-55-3	Benzo[a]anthracene	36	U	36	2.5
50-32-8	Benzo[a]pyrene	36	U	36	2.6
205-99-2	Benzo[b]fluoranthene	36	U	36	2.3
191-24-2	Benzo[g,h,i]perylene	360	U	360	27
207-08-9	Benzo[k]fluoranthene	36	U	36	2.8
218-01-9	Chrysene	360	U	360	43
53-70-3	Dibenz(a,h)anthracene	36	U	36	4.6
132-64-9	Dibenzofuran	360	U	360	43
206-44-0	Fluoranthene	360	U	360	49
86-73-7	Fluorene	360	U	360	47
118-74-1	Hexachlorobenzene	36	U	36	5.0
193-39-5	Indeno[1,2,3-cd]pyrene	36	U UJ	36	6.8
91-20-3	Naphthalene	360	U	360	42
87-86-5	Pentachlorophenol	740	U UJ	740	110
85-01-8	Phenanthrene	360	U	360	46
108-95-2	Phenol	360	U UJ	360	49
129-00-0	Pyrene	360	U	360	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	16	*	19-114
321-60-8	2-Fluorobiphenyl	72		49-112
367-12-4	2-Fluorophenol (Surr)	54		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	66		40-106
4165-62-2	Phenol-d5 (Surr)	55		44-104
1718-51-0	Terphenyl-d14 (Surr)	71		41-145

John
11/11/15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-77467-1</u>
SDG No.: _____	
Client Sample ID: <u>HL2-B1 (6)</u>	Lab Sample ID: <u>460-77467-7</u>
Matrix: <u>Solid</u>	Lab File ID: <u>L1150558.D</u>
Analysis Method: <u>8270D</u>	Date Collected: <u>06/09/2014 15:25</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>06/10/2014 12:57</u>
Sample wt/vol: <u>15.04(g)</u>	Date Analyzed: <u>06/13/2014 17:41</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>8.7</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>230500</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	360	U	360	62
15831-10-4	3 & 4 Methylphenol	360	U	360	62
83-32-9	Acenaphthene	360	U	360	53
208-96-8	Acenaphthylene	360	U	360	43
120-12-7	Anthracene	360	U	360	44
56-55-3	Benzo[a]anthracene	36	U	36	2.5
50-32-8	Benzo[a]pyrene	36	U	36	2.6
205-99-2	Benzo[b]fluoranthene	36	U	36	2.3
191-24-2	Benzo[g,h,i]perylene	360	U	360	27
207-08-9	Benzo[k]fluoranthene	36	U	36	2.7
218-01-9	Chrysene	360	U	360	42
53-70-3	Dibenz(a,h)anthracene	36	U	36	4.6
132-64-9	Dibenzofuran	360	U	360	42
206-44-0	Fluoranthene	360	U	360	48
86-73-7	Fluorene	360	U	360	46
118-74-1	Hexachlorobenzene	36	U	36	4.9
193-39-5	Indeno[1,2,3-cd]pyrene	36	U	36	6.7
91-20-3	Naphthalene	360	U	360	42
87-86-5	Pentachlorophenol	730	U	730	110
85-01-8	Phenanthrene	360	U	360	46
108-95-2	Phenol	360	U	360	48
129-00-0	Pyrene	360	U	360	30

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	29		19-114
321-60-8	2-Fluorobiphenyl	112		49-112
367-12-4	2-Fluorophenol (Surr)	81		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	102		40-106
4165-62-2	Phenol-d5 (Surr)	83		44-104
1718-51-0	Terphenyl-d14 (Surr)	112		41-145

80M
12/14/15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1

SDG No.: _____

Client Sample ID: EX3-SW1 (13-14) Lab Sample ID: 460-77553-1

Matrix: Solid Lab File ID: x1842.D

Analysis Method: 8270D Date Collected: 06/10/2014 13:50

Extract. Method: 3541 Date Extracted: 06/12/2014 10:31

Sample wt/vol: 15.00(g) Date Analyzed: 06/17/2014 20:00

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.7 GPC Cleanup: (Y/N) N

Analysis Batch No.: 231198 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	350	U	350	59
15831-10-4	3 & 4 Methylphenol	350	U	350	59
83-32-9	Acenaphthene	350	U	350	51
208-96-8	Acenaphthylene	350	U	350	41
120-12-7	Anthracene	350	U	350	42
56-55-3	Benzo[a]anthracene	35	U	35	2.4
50-32-8	Benzo[a]pyrene	35	U	35	2.5
205-99-2	Benzo[b]fluoranthene	35	U	35	2.2
191-24-2	Benzo[g,h,i]perylene	350	U	350	26
207-08-9	Benzo[k]fluoranthene	35	U	35	2.6
218-01-9	Chrysene	350	U	350	40
53-70-3	Dibenz(a,h)anthracene	35	U	35	4.4
132-64-9	Dibenzofuran	350	U	350	41
206-44-0	Fluoranthene	350	U	350	46
86-73-7	Fluorene	350	U	350	44
118-74-1	Hexachlorobenzene	35	U	35	4.7
193-39-5	Indeno[1,2,3-cd]pyrene	35	U	35	6.5
91-20-3	Naphthalene	350	U	350	40
87-86-5	Pentachlorophenol	700	U	700	100
85-01-8	Phenanthrene	350	U	350	44
108-95-2	Phenol	350	U	350	47
129-00-0	Pyrene	350	U	350	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	107		19-114
321-60-8	2-Fluorobiphenyl	81		49-112
367-12-4	2-Fluorophenol (Surr)	77		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	82		40-106
4165-62-2	Phenol-d5 (Surr)	78		44-104
1718-51-0	Terphenyl-d14 (Surr)	101		41-145

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.:
 Client Sample ID: EX3-SW2 (13-14) Lab Sample ID: 460-77553-2
 Matrix: Solid Lab File ID: x1843.D
 Analysis Method: 8270D Date Collected: 06/10/2014 13:55
 Extract. Method: 3541 Date Extracted: 06/12/2014 10:31
 Sample wt/vol: 15.03(g) Date Analyzed: 06/17/2014 20:24
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 5.5 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 231198 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	350	U	350	60
15831-10-4	3 & 4 Methylphenol	350	U	350	60
83-32-9	Acenaphthene	350	U	350	51
208-96-8	Acenaphthylene	350	U	350	41
120-12-7	Anthracene	350	U	350	42
56-55-3	Benzo[a]anthracene	35	U	35	2.4
50-32-8	Benzo[a]pyrene	35	U	35	2.5
205-99-2	Benzo[b]fluoranthene	35	U	35	2.2
191-24-2	Benzo[g,h,i]perylene	350	U	350	26
207-08-9	Benzo[k]fluoranthene	35	U	35	2.7
218-01-9	Chrysene	350	U	350	41
53-70-3	Dibenz(a,h)anthracene	35	U	35	4.4
132-64-9	Dibenzofuran	350	U	350	41
206-44-0	Fluoranthene	350	U	350	47
86-73-7	Fluorene	350	U	350	45
118-74-1	Hexachlorobenzene	35	U	35	4.8
193-39-5	Indeno[1,2,3-cd]pyrene	35	U	35	6.5
91-20-3	Naphthalene	350	U	350	40
87-86-5	Pentachlorophenol	710	U	710	100
85-01-8	Phenanthrene	350	U	350	44
108-95-2	Phenol	350	U	350	47
129-00-0	Pyrene	350	U	350	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	97		19-114
321-60-8	2-Fluorobiphenyl	79		49-112
367-12-4	2-Fluorophenol (Surr)	77		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	81		40-106
4165-62-2	Phenol-d5 (Surr)	79		44-104
1718-51-0	Terphenyl-d14 (Surr)	103		41-145

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: EX3-SW3 (13-14) Lab Sample ID: 460-77553-3
 Matrix: Solid Lab File ID: x1844.D
 Analysis Method: 8270D Date Collected: 06/10/2014 14:00
 Extract. Method: 3541 Date Extracted: 06/12/2014 10:31
 Sample wt/vol: 15.02(g) Date Analyzed: 06/17/2014 20:49
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 4.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 231198 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	350	U	350	59
15831-10-4	3 & 4 Methylphenol	350	U	350	59
83-32-9	Acenaphthene	350	U	350	51
208-96-8	Acenaphthylene	350	U	350	41
120-12-7	Anthracene	350	U	350	42
56-55-3	Benzo[a]anthracene	35	U	35	2.4
50-32-8	Benzo[a]pyrene	35	U	35	2.5
205-99-2	Benzo[b]fluoranthene	35	U	35	2.2
191-24-2	Benzo[g,h,i]perylene	350	U	350	26
207-08-9	Benzo[k]fluoranthene	35	U	35	2.6
218-01-9	Chrysene	350	U	350	40
53-70-3	Dibenz(a,h)anthracene	35	U	35	4.4
132-64-9	Dibenzofuran	350	U	350	41
206-44-0	Fluoranthene	350	U	350	46
86-73-7	Fluorene	350	U	350	44
118-74-1	Hexachlorobenzene	35	U	35	4.7
193-39-5	Indeno[1,2,3-cd]pyrene	35	U	35	6.4
91-20-3	Naphthalene	350	U	350	40
87-86-5	Pentachlorophenol	700	U	700	100
85-01-8	Phenanthrene	350	U	350	44
108-95-2	Phenol	350	U	350	47
129-00-0	Pyrene	350	U	350	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	102		19-114
321-60-8	2-Fluorobiphenyl	80		49-112
367-12-4	2-Fluorophenol (Surr)	78		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	80		40-106
4165-62-2	Phenol-d5 (Surr)	75		44-104
1718-51-0	Terphenyl-d14 (Surr)	102		41-145

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG No.: _____

Client Sample ID: EX3-SW4 (13-14)

Lab Sample ID: 460-77553-4

Matrix: Solid

Lab File ID: x1845.D

Analysis Method: 8270D

Date Collected: 06/10/2014 14:05

Extract. Method: 3541

Date Extracted: 06/12/2014 10:31

Sample wt/vol: 15.00(g)

Date Analyzed: 06/17/2014 21:13

Con. Extract Vol.: 1(mL)

Dilution Factor: 1

Injection Volume: 1(uL)

Level: (low/med) Low

% Moisture: 4.8

GPC Cleanup: (Y/N) N

Analysis Batch No.: 231198

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	350	U	350	59
15831-10-4	3 & 4 Methylphenol	350	U	350	59
83-32-9	Acenaphthene	350	U	350	51
208-96-8	Acenaphthylene	350	U	350	41
120-12-7	Anthracene	350	U	350	42
56-55-3	Benzo[a]anthracene	35	U	35	2.4
50-32-8	Benzo[a]pyrene	35	U	35	2.5
205-99-2	Benzo[b]fluoranthene	35	U	35	2.2
191-24-2	Benzo[g,h,i]perylene	350	U	350	26
207-08-9	Benzo[k]fluoranthene	35	U	35	2.6
218-01-9	Chrysene	350	U	350	41
53-70-3	Dibenz(a,h)anthracene	35	U	35	4.4
132-64-9	Dibenzofuran	350	U	350	41
206-44-0	Fluoranthene	350	U	350	46
86-73-7	Fluorene	350	U	350	44
118-74-1	Hexachlorobenzene	35	U	35	4.7
193-39-5	Indeno[1,2,3-cd]pyrene	35	U	35	6.5
91-20-3	Naphthalene	350	U	350	40
87-86-5	Pentachlorophenol	700	U	700	100
85-01-8	Phenanthrene	350	U	350	44
108-95-2	Phenol	350	U	350	47
129-00-0	Pyrene	350	U	350	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	94		19-114
321-60-8	2-Fluorobiphenyl	80		49-112
367-12-4	2-Fluorophenol (Surr)	76		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	80		40-106
4165-62-2	Phenol-d5 (Surr)	77		44-104
1718-51-0	Terphenyl-d14 (Surr)	102		41-145

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG No.:

Client Sample ID: EX3-B1 (15)

Lab Sample ID: 460-77553-5

Matrix: Solid

Lab File ID: x1846.D

Analysis Method: 8270D

Date Collected: 06/10/2014 14:10

Extract. Method: 3541

Date Extracted: 06/12/2014 10:31

Sample wt/vol: 15.02(g)

Date Analyzed: 06/17/2014 21:38

Con. Extract Vol.: 1(mL)

Dilution Factor: 1

Injection Volume: 1(uL)

Level: (low/med) Low

% Moisture: 3.7

GPC Cleanup: (Y/N) N

Analysis Batch No.: 231198

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	340	U	340	58
15831-10-4	3 & 4 Methylphenol	340	U	340	58
83-32-9	Acenaphthene	340	U	340	50
208-96-8	Acenaphthylene	340	U	340	41
120-12-7	Anthracene	340	U	340	42
56-55-3	Benzo[a]anthracene	34	U	34	2.4
50-32-8	Benzo[a]pyrene	34	U	34	2.4
205-99-2	Benzo[b]fluoranthene	34	U	34	2.2
191-24-2	Benzo[g,h,i]perylene	340	U	340	25
207-08-9	Benzo[k]fluoranthene	34	U	34	2.6
218-01-9	Chrysene	340	U	340	40
53-70-3	Dibenz(a,h)anthracene	34	U	34	4.3
132-64-9	Dibenzofuran	340	U	340	40
206-44-0	Fluoranthene	340	U	340	46
86-73-7	Fluorene	340	U	340	44
118-74-1	Hexachlorobenzene	34	U	34	4.7
193-39-5	Indeno[1,2,3-cd]pyrene	34	U	34	6.4
91-20-3	Naphthalene	340	U	340	40
87-86-5	Pentachlorophenol	690	U	690	100
85-01-8	Phenanthrene	340	U	340	44
108-95-2	Phenol	340	U	340	46
129-00-0	Pyrene	340	U	340	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	100		19-114
321-60-8	2-Fluorobiphenyl	82		49-112
367-12-4	2-Fluorophenol (Surr)	78		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	81		40-106
4165-62-2	Phenol-d5 (Surr)	75		44-104
1718-51-0	Terphenyl-d14 (Surr)	103		41-145

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: EX3-B2 (8) Lab Sample ID: 460-77553-6
 Matrix: Solid Lab File ID: x1859.D
 Analysis Method: 8270D Date Collected: 06/10/2014 14:15
 Extract. Method: 3541 Date Extracted: 06/12/2014 10:31
 Sample wt/vol: 15.00(g) Date Analyzed: 06/18/2014 02:55
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 9.6 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 231198 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	370	U	370	62
15831-10-4	3 & 4 Methylphenol	370	U	370	62
83-32-9	Acenaphthene	370	U	370	53
208-96-8	Acenaphthylene	370	U	370	43
120-12-7	Anthracene	370	U	370	44
56-55-3	Benzo[a]anthracene	37	U	37	2.6
50-32-8	Benzo[a]pyrene	18	J	37	2.6
205-99-2	Benzo[b]fluoranthene	43		37	2.3
191-24-2	Benzo[g,h,i]perylene	370	U	370	27
207-08-9	Benzo[k]fluoranthene	10	J	37	2.8
218-01-9	Chrysene	370	U	370	43
53-70-3	Dibenz(a,h)anthracene	37	U	37	4.6
132-64-9	Dibenzofuran	370	U	370	43
206-44-0	Fluoranthene	370	U	370	49
86-73-7	Fluorene	370	U	370	47
118-74-1	Hexachlorobenzene	37	U	37	5.0
193-39-5	Indeno[1,2,3-cd]pyrene	27	J	37	6.8
91-20-3	Naphthalene	370	U	370	42
87-86-5	Pentachlorophenol	740	U	740	110
85-01-8	Phenanthrene	370	U	370	47
108-95-2	Phenol	370	U	370	49
129-00-0	Pyrene	370	U	370	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	45		19-114
321-60-8	2-Fluorobiphenyl	84		49-112
367-12-4	2-Fluorophenol (Surr)	73		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	79		40-106
4165-62-2	Phenol-d5 (Surr)	71		44-104
1718-51-0	Terphenyl-d14 (Surr)	107		41-145

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-77467-1</u>
SDG No.: _____	
Client Sample ID: <u>EX2-B1 (6)</u>	Lab Sample ID: <u>460-77467-1</u>
Matrix: <u>Solid</u>	Lab File ID: <u>XR152355.D</u>
Analysis Method: <u>8081B</u>	Date Collected: <u>06/09/2014 14:00</u>
Extraction Method: <u>3546</u>	Date Extracted: <u>06/11/2014 02:56</u>
Sample wt/vol: <u>15.05(g)</u>	Date Analyzed: <u>06/11/2014 19:38</u>
Con. Extract Vol.: <u>10(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	GC Column: <u>CLP-1</u> ID: <u>0.53(mm)</u>
% Moisture: <u>7.9</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>230032</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.3	U	7.3	1.4
72-55-9	4,4'-DDE	7.3	U	7.3	1.4
50-29-3	4,4'-DDT	7.3	U	7.3	1.7
309-00-2	Aldrin	7.3	U	7.3	1.5
319-84-6	alpha-BHC	7.3	U	7.3	1.6
319-85-7	beta-BHC	7.3	U	7.3	1.7
57-74-9	Chlordane (technical)	73	U	73	21
319-86-8	delta-BHC	7.3	U	7.3	1.3
60-57-1	Dieldrin	7.3	U	7.3	1.3
959-98-8	Endosulfan I	7.3	U	7.3	1.6
33213-65-9	Endosulfan II	7.3	U	7.3	1.4
1031-07-8	Endosulfan sulfate	7.3	U	7.3	1.4
72-20-8	Endrin	7.3	U	7.3	1.7
7421-93-4	Endrin aldehyde	7.3	U	7.3	1.1
53494-70-5	Endrin ketone	7.3	U	7.3	1.4
58-89-9	gamma-BHC (Lindane)	7.3	U	7.3	1.3
76-44-8	Heptachlor	7.3	U	7.3	1.7
1024-57-3	Heptachlor epoxide	7.3	U	7.3	1.6
72-43-5	Methoxychlor	7.3	U	7.3	1.7
8001-35-2	Toxaphene	73	U	73	19
5103-71-9	alpha-Chlordane	7.3	U	7.3	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	130		76-149
877-09-8	Tetrachloro-m-xylene	127		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: EX2-B2 (6) Lab Sample ID: 460-77467-2
 Matrix: Solid Lab File ID: XR152356.D
 Analysis Method: 8081B Date Collected: 06/09/2014 14:15
 Extraction Method: 3546 Date Extracted: 06/11/2014 02:56
 Sample wt/vol: 15.01(g) Date Analyzed: 06/11/2014 19:53
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 9.2 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 230032 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.4	U	7.4	1.4
72-55-9	4,4'-DDE	7.4	U	7.4	1.4
50-29-3	4,4'-DDT	7.4	U	7.4	1.8
309-00-2	Aldrin	7.4	U	7.4	1.5
319-84-6	alpha-BHC	7.4	U	7.4	1.7
319-85-7	beta-BHC	7.4	U	7.4	1.8
57-74-9	Chlordane (technical)	7.4	U	7.4	21
319-86-8	delta-BHC	7.4	U	7.4	1.3
60-57-1	Dieldrin	7.4	U	7.4	1.3
959-98-8	Endosulfan I	7.4	U	7.4	1.7
33213-65-9	Endosulfan II	7.4	U	7.4	1.4
1031-07-8	Endosulfan sulfate	7.4	U	7.4	1.4
72-20-8	Endrin	7.4	U	7.4	1.8
7421-93-4	Endrin aldehyde	7.4	U	7.4	1.1
53494-70-5	Endrin ketone	7.4	U	7.4	1.4
58-89-9	gamma-BHC (Lindane)	7.4	U	7.4	1.3
76-44-8	Heptachlor	7.4	U	7.4	1.8
1024-57-3	Heptachlor epoxide	7.4	U	7.4	1.7
72-43-5	Methoxychlor	7.4	U	7.4	1.8
8001-35-2	Toxaphene	7.4	U	7.4	20
5103-71-9	alpha-Chlordane	7.4	U	7.4	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		76-149
877-09-8	Tetrachloro-m-xylene	96		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: HL2-SW1 (4-5) Lab Sample ID: 460-77467-3
 Matrix: Solid Lab File ID: XR152357.D
 Analysis Method: 8081B Date Collected: 06/09/2014 15:05
 Extraction Method: 3546 Date Extracted: 06/11/2014 02:56
 Sample wt/vol: 15.04(g) Date Analyzed: 06/11/2014 20:08
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 9.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 230032 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.4	U	7.4	1.4
72-55-9	4,4'-DDE	7.4	U	7.4	1.4
50-29-3	4,4'-DDT	7.4	U	7.4	1.8
309-00-2	Aldrin	7.4	U	7.4	1.5
319-84-6	alpha-BHC	7.4	U	7.4	1.7
319-85-7	beta-BHC	7.4	U	7.4	1.8
57-74-9	Chlordane (technical)	7.4	U	7.4	21
319-86-8	delta-BHC	7.4	U	7.4	1.3
60-57-1	Dieldrin	7.4	U	7.4	1.3
959-98-8	Endosulfan I	7.4	U	7.4	1.7
33213-65-9	Endosulfan II	7.4	U	7.4	1.4
1031-07-8	Endosulfan sulfate	7.4	U	7.4	1.4
72-20-8	Endrin	7.4	U	7.4	1.8
7421-93-4	Endrin aldehyde	7.4	U	7.4	1.1
53494-70-5	Endrin ketone	7.4	U	7.4	1.4
58-89-9	gamma-BHC (Lindane)	7.4	U	7.4	1.3
76-44-8	Heptachlor	7.4	U	7.4	1.8
1024-57-3	Heptachlor epoxide	7.4	U	7.4	1.7
72-43-5	Methoxychlor	7.4	U	7.4	1.8
8001-35-2	Toxaphene	7.4	U	7.4	20
5103-71-9	alpha-Chlordane	7.4	U	7.4	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		76-149
877-09-8	Tetrachloro-m-xylene	109		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG No.: _____

Client Sample ID: HL2-SW2 (4-5)

Lab Sample ID: 460-77467-4

Matrix: Solid

Lab File ID: XR152358.D

Analysis Method: 8081B

Date Collected: 06/09/2014 15:10

Extraction Method: 3546

Date Extracted: 06/11/2014 02:56

Sample wt/vol: 15.00(g)

Date Analyzed: 06/11/2014 20:24

Con. Extract Vol.: 10(mL)

Dilution Factor: 1

Injection Volume: 1(uL)

GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.8

GPC Cleanup: (Y/N) N

Analysis Batch No.: 230032

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.4	U	7.4	1.4
72-55-9	4,4'-DDE	7.4	U	7.4	1.4
50-29-3	4,4'-DDT	7.4	U	7.4	1.8
309-00-2	Aldrin	7.4	U	7.4	1.6
319-84-6	alpha-BHC	7.4	U	7.4	1.7
319-85-7	beta-BHC	7.4	U	7.4	1.8
57-74-9	Chlordane (technical)	7.4	U	7.4	21
319-86-8	delta-BHC	7.4	U	7.4	1.3
60-57-1	Dieldrin	7.4	U	7.4	1.3
959-98-8	Endosulfan I	7.4	U	7.4	1.7
33213-65-9	Endosulfan II	7.4	U	7.4	1.4
1031-07-8	Endosulfan sulfate	7.4	U	7.4	1.4
72-20-8	Endrin	7.4	U	7.4	1.8
7421-93-4	Endrin aldehyde	7.4	U	7.4	1.1
53494-70-5	Endrin ketone	7.4	U	7.4	1.4
58-89-9	gamma-BHC (Lindane)	7.4	U	7.4	1.3
76-44-8	Heptachlor	7.4	U	7.4	1.8
1024-57-3	Heptachlor epoxide	7.4	U	7.4	1.7
72-43-5	Methoxychlor	7.4	U	7.4	1.8
8001-35-2	Toxaphene	7.4	U	7.4	20
5103-71-9	alpha-Chlordane	7.4	U	7.4	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	118		76-149
877-09-8	Tetrachloro-m-xylene	111		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: HL2-SW3 (4-5) Lab Sample ID: 460-77467-5
 Matrix: Solid Lab File ID: XR152359.D
 Analysis Method: 8081B Date Collected: 06/09/2014 15:15
 Extraction Method: 3546 Date Extracted: 06/11/2014 02:56
 Sample wt/vol: 15.00(g) Date Analyzed: 06/11/2014 20:39
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 10.6 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 230032 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.5	U	7.5	1.5
72-55-9	4,4'-DDE	7.5	U	7.5	1.5
50-29-3	4,4'-DDT	7.5	U	7.5	1.8
309-00-2	Aldrin	7.5	U	7.5	1.6
319-84-6	alpha-BHC	7.5	U	7.5	1.7
319-85-7	beta-BHC	7.5	U	7.5	1.8
57-74-9	Chlordane (technical)	7.5	U	7.5	21
319-86-8	delta-BHC	7.5	U	7.5	1.3
60-57-1	Dieldrin	7.5	U	7.5	1.3
959-98-8	Endosulfan I	7.5	U	7.5	1.7
33213-65-9	Endosulfan II	7.5	U	7.5	1.5
1031-07-8	Endosulfan sulfate	7.5	U	7.5	1.5
72-20-8	Endrin	7.5	U	7.5	1.8
7421-93-4	Endrin aldehyde	7.5	U	7.5	1.1
53494-70-5	Endrin ketone	7.5	U	7.5	1.5
58-89-9	gamma-BHC (Lindane)	7.5	U	7.5	1.3
76-44-8	Heptachlor	7.5	U	7.5	1.8
1024-57-3	Heptachlor epoxide	7.5	U	7.5	1.7
72-43-5	Methoxychlor	7.5	U	7.5	1.8
8001-35-2	Toxaphene	7.5	U	7.5	20
5103-71-9	alpha-Chlordane	7.5	U	7.5	1.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	101		76-149
877-09-8	Tetrachloro-m-xylene	104		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: HL2-SW4 (4-5) Lab Sample ID: 460-77467-6
 Matrix: Solid Lab File ID: XR152360.D
 Analysis Method: 8081B Date Collected: 06/09/2014 15:20
 Extraction Method: 3546 Date Extracted: 06/11/2014 02:56
 Sample wt/vol: 15.02(g) Date Analyzed: 06/11/2014 20:55
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 9.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 230032 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.4	U	7.4	1.4
72-55-9	4,4'-DDE	7.4	U	7.4	1.4
50-29-3	4,4'-DDT	7.4	U	7.4	1.8
309-00-2	Aldrin	7.4	U	7.4	1.5
319-84-6	alpha-BHC	7.4	U	7.4	1.7
319-85-7	beta-BHC	7.4	U	7.4	1.8
57-74-9	Chlordane (technical)	7.4	U	7.4	21
319-86-8	delta-BHC	7.4	U	7.4	1.3
60-57-1	Dieldrin	7.4	U	7.4	1.3
959-98-8	Endosulfan I	7.4	U	7.4	1.7
33213-65-9	Endosulfan II	7.4	U	7.4	1.4
1031-07-8	Endosulfan sulfate	7.4	U	7.4	1.4
72-20-8	Endrin	7.4	U	7.4	1.8
7421-93-4	Endrin aldehyde	7.4	U	7.4	1.1
53494-70-5	Endrin ketone	7.4	U	7.4	1.4
58-89-9	gamma-BHC (Lindane)	7.4	U	7.4	1.3
76-44-8	Heptachlor	7.4	U	7.4	1.8
1024-57-3	Heptachlor epoxide	7.4	U	7.4	1.7
72-43-5	Methoxychlor	7.4	U	7.4	1.8
8001-35-2	Toxaphene	7.4	U	7.4	20
5103-71-9	alpha-Chlordane	7.4	U	7.4	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	116		76-149
877-09-8	Tetrachloro-m-xylene	114		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: HL2-B1 (6) Lab Sample ID: 460-77467-7
 Matrix: Solid Lab File ID: XR152361.D
 Analysis Method: 8081B Date Collected: 06/09/2014 15:25
 Extraction Method: 3546 Date Extracted: 06/11/2014 02:56
 Sample wt/vol: 15.03(g) Date Analyzed: 06/11/2014 21:10
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 8.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 230032 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.3	U	7.3	1.4
72-55-9	4,4'-DDE	7.3	U	7.3	1.4
50-29-3	4,4'-DDT	7.3	U	7.3	1.7
309-00-2	Aldrin	7.3	U	7.3	1.5
319-84-6	alpha-BHC	7.3	U	7.3	1.6
319-85-7	beta-BHC	7.3	U	7.3	1.7
57-74-9	Chlordane (technical)	73	U	73	21
319-86-8	delta-BHC	7.3	U	7.3	1.3
60-57-1	Dieldrin	7.3	U	7.3	1.3
959-98-8	Endosulfan I	7.3	U	7.3	1.6
33213-65-9	Endosulfan II	7.3	U	7.3	1.4
1031-07-8	Endosulfan sulfate	7.3	U	7.3	1.4
72-20-8	Endrin	7.3	U	7.3	1.7
7421-93-4	Endrin aldehyde	7.3	U	7.3	1.1
53494-70-5	Endrin ketone	7.3	U	7.3	1.4
58-89-9	gamma-BHC (Lindane)	7.3	U	7.3	1.3
76-44-8	Heptachlor	7.3	U	7.3	1.7
1024-57-3	Heptachlor epoxide	7.3	U	7.3	1.6
72-43-5	Methoxychlor	7.3	U	7.3	1.7
8001-35-2	Toxaphene	73	U	73	20
5103-71-9	alpha-Chlordane	7.3	U	7.3	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	113		76-149
877-09-8	Tetrachloro-m-xylene	113		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: EX3-SW1 (13-14) Lab Sample ID: 460-77553-1
 Matrix: Solid Lab File ID: XR152391.D
 Analysis Method: 8081B Date Collected: 06/10/2014 13:50
 Extraction Method: 3546 Date Extracted: 06/12/2014 06:01
 Sample wt/vol: 15.03(g) Date Analyzed: 06/12/2014 13:19
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 4.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 230179 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.0	U	7.0	1.4
72-55-9	4,4'-DDE	7.0	U	7.0	1.4
50-29-3	4,4'-DDT	7.0	U	7.0	1.7
309-00-2	Aldrin	7.0	U	7.0	1.5
319-84-6	alpha-BHC	7.0	U	7.0	1.6
319-85-7	beta-BHC	7.0	U	7.0	1.7
57-74-9	Chlordane (technical)	7.0	U	7.0	2.0
319-86-8	delta-BHC	7.0	U	7.0	1.3
60-57-1	Dieldrin	7.0	U	7.0	1.3
959-98-8	Endosulfan I	7.0	U	7.0	1.6
33213-65-9	Endosulfan II	7.0	U	7.0	1.4
1031-07-8	Endosulfan sulfate	7.0	U	7.0	1.4
72-20-8	Endrin	7.0	U	7.0	1.7
7421-93-4	Endrin aldehyde	7.0	U	7.0	1.0
53494-70-5	Endrin ketone	7.0	U	7.0	1.4
58-89-9	gamma-BHC (Lindane)	7.0	U	7.0	1.3
76-44-8	Heptachlor	7.0	U	7.0	1.7
1024-57-3	Heptachlor epoxide	7.0	U	7.0	1.6
72-43-5	Methoxychlor	7.0	U	7.0	1.7
8001-35-2	Toxaphene	7.0	U	7.0	1.9
5103-71-9	alpha-Chlordane	7.0	U	7.0	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	92		76-149
877-09-8	Tetrachloro-m-xylene	84		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG No.: _____

Client Sample ID: EX3-SW2 (13-14)

Lab Sample ID: 460-77553-2

Matrix: Solid

Lab File ID: XR152392.D

Analysis Method: 8081B

Date Collected: 06/10/2014 13:55

Extraction Method: 3546

Date Extracted: 06/12/2014 06:01

Sample wt/vol: 15.03(g)

Date Analyzed: 06/12/2014 13:34

Con. Extract Vol.: 10(mL)

Dilution Factor: 1

Injection Volume: 1(uL)

GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.5

GPC Cleanup: (Y/N) N

Analysis Batch No.: 230179

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.1	U	7.1	1.4
72-55-9	4,4'-DDE	7.1	U	7.1	1.4
50-29-3	4,4'-DDT	7.1	U	7.1	1.7
309-00-2	Aldrin	7.1	U	7.1	1.5
319-84-6	alpha-BHC	7.1	U	7.1	1.6
319-85-7	beta-BHC	7.1	U	7.1	1.7
57-74-9	Chlordane (technical)	7.1	U	7.1	20
319-86-8	delta-BHC	7.1	U	7.1	1.3
60-57-1	Dieldrin	7.1	U	7.1	1.3
959-98-8	Endosulfan I	7.1	U	7.1	1.6
33213-65-9	Endosulfan II	7.1	U	7.1	1.4
1031-07-8	Endosulfan sulfate	7.1	U	7.1	1.4
72-20-8	Endrin	7.1	U	7.1	1.7
7421-93-4	Endrin aldehyde	7.1	U	7.1	1.1
53494-70-5	Endrin ketone	7.1	U	7.1	1.4
58-89-9	gamma-BHC (Lindane)	7.1	U	7.1	1.3
76-44-8	Heptachlor	7.1	U	7.1	1.7
1024-57-3	Heptachlor epoxide	7.1	U	7.1	1.6
72-43-5	Methoxychlor	7.1	U	7.1	1.7
8001-35-2	Toxaphene	7.1	U	7.1	19
5103-71-9	alpha-Chlordane	7.1	U	7.1	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		76-149
877-09-8	Tetrachloro-m-xylene	93		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-77467-1</u>
SDG No.: _____	
Client Sample ID: <u>EX3-SW3 (13-14)</u>	Lab Sample ID: <u>460-77553-3</u>
Matrix: <u>Solid</u>	Lab File ID: <u>XR152393.D</u>
Analysis Method: <u>8081B</u>	Date Collected: <u>06/10/2014 14:00</u>
Extraction Method: <u>3546</u>	Date Extracted: <u>06/12/2014 06:01</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>06/12/2014 13:49</u>
Con. Extract Vol.: <u>10(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	GC Column: <u>CLP-1</u> ID: <u>0.53(mm)</u>
% Moisture: <u>4.7</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>230179</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.0	U	7.0	1.4
72-55-9	4,4'-DDE	7.0	U	7.0	1.4
50-29-3	4,4'-DDT	7.0	U	7.0	1.7
309-00-2	Aldrin	7.0	U	7.0	1.5
319-84-6	alpha-BHC	7.0	U	7.0	1.6
319-85-7	beta-BHC	7.0	U	7.0	1.7
57-74-9	Chlordane (technical)	7.0	U	7.0	2.0
319-86-8	delta-BHC	7.0	U	7.0	1.3
60-57-1	Dieldrin	7.0	U	7.0	1.3
959-98-8	Endosulfan I	7.0	U	7.0	1.6
33213-65-9	Endosulfan II	7.0	U	7.0	1.4
1031-07-8	Endosulfan sulfate	7.0	U	7.0	1.4
72-20-8	Endrin	7.0	U	7.0	1.7
7421-93-4	Endrin aldehyde	7.0	U	7.0	1.0
53494-70-5	Endrin ketone	7.0	U	7.0	1.4
58-89-9	gamma-BHC (Lindane)	7.0	U	7.0	1.3
76-44-8	Heptachlor	7.0	U	7.0	1.7
1024-57-3	Heptachlor epoxide	7.0	U	7.0	1.6
72-43-5	Methoxychlor	7.0	U	7.0	1.7
8001-35-2	Toxaphene	7.0	U	7.0	1.9
5103-71-9	alpha-Chlordane	7.0	U	7.0	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	111		76-149
877-09-8	Tetrachloro-m-xylene	100		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-77467-1</u>
SDG No.: _____	
Client Sample ID: <u>EX3-SW4 (13-14)</u>	Lab Sample ID: <u>460-77553-4</u>
Matrix: <u>Solid</u>	Lab File ID: <u>XR152394.D</u>
Analysis Method: <u>8081B</u>	Date Collected: <u>06/10/2014 14:05</u>
Extraction Method: <u>3546</u>	Date Extracted: <u>06/12/2014 06:01</u>
Sample wt/vol: <u>15.02(g)</u>	Date Analyzed: <u>06/12/2014 14:04</u>
Con. Extract Vol.: <u>10(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	GC Column: <u>CLP-1</u> ID: <u>0.53(mm)</u>
% Moisture: <u>4.8</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>230179</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.0	U	7.0	1.4
72-55-9	4,4'-DDE	7.0	U	7.0	1.4
50-29-3	4,4'-DDT	7.0	U	7.0	1.7
309-00-2	Aldrin	7.0	U	7.0	1.5
319-84-6	alpha-BHC	7.0	U	7.0	1.6
319-85-7	beta-BHC	7.0	U	7.0	1.7
57-74-9	Chlordane (technical)	7.0	U	7.0	2.0
319-86-8	delta-BHC	7.0	U	7.0	1.3
60-57-1	Dieldrin	7.0	U	7.0	1.3
959-98-8	Endosulfan I	7.0	U	7.0	1.6
33213-65-9	Endosulfan II	7.0	U	7.0	1.4
1031-07-8	Endosulfan sulfate	7.0	U	7.0	1.4
72-20-8	Endrin	7.0	U	7.0	1.7
7421-93-4	Endrin aldehyde	7.0	U	7.0	1.0
53494-70-5	Endrin ketone	7.0	U	7.0	1.4
58-89-9	gamma-BHC (Lindane)	7.0	U	7.0	1.3
76-44-8	Heptachlor	7.0	U	7.0	1.7
1024-57-3	Heptachlor epoxide	7.0	U	7.0	1.6
72-43-5	Methoxychlor	7.0	U	7.0	1.7
8001-35-2	Toxaphene	7.0	U	7.0	1.9
5103-71-9	alpha-Chlordane	7.0	U	7.0	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		76-149
877-09-8	Tetrachloro-m-xylene	94		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-77467-1</u>
SDG No.: _____	
Client Sample ID: <u>EX3-B1 (15)</u>	Lab Sample ID: <u>460-77553-5</u>
Matrix: <u>Solid</u>	Lab File ID: <u>XR152395.D</u>
Analysis Method: <u>8081B</u>	Date Collected: <u>06/10/2014 14:10</u>
Extraction Method: <u>3546</u>	Date Extracted: <u>06/12/2014 06:01</u>
Sample wt/vol: <u>15.05(g)</u>	Date Analyzed: <u>06/12/2014 14:19</u>
Con. Extract Vol.: <u>10(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	GC Column: <u>CLP-1</u> ID: <u>0.53(mm)</u>
% Moisture: <u>3.7</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>230179</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	6.9	U	6.9	1.3
72-55-9	4,4'-DDE	6.9	U	6.9	1.3
50-29-3	4,4'-DDT	6.9	U	6.9	1.7
309-00-2	Aldrin	6.9	U	6.9	1.4
319-84-6	alpha-BHC	6.9	U	6.9	1.6
319-85-7	beta-BHC	6.9	U	6.9	1.7
57-74-9	Chlordane (technical)	69	U	69	20
319-86-8	delta-BHC	6.9	U	6.9	1.2
60-57-1	Dieldrin	6.9	U	6.9	1.2
959-98-8	Endosulfan I	6.9	U	6.9	1.6
33213-65-9	Endosulfan II	6.9	U	6.9	1.3
1031-07-8	Endosulfan sulfate	6.9	U	6.9	1.3
72-20-8	Endrin	6.9	U	6.9	1.7
7421-93-4	Endrin aldehyde	6.9	U	6.9	1.0
53494-70-5	Endrin ketone	6.9	U	6.9	1.3
58-89-9	gamma-BHC (Lindane)	6.9	U	6.9	1.2
76-44-8	Heptachlor	6.9	U	6.9	1.7
1024-57-3	Heptachlor epoxide	6.9	U	6.9	1.6
72-43-5	Methoxychlor	6.9	U	6.9	1.7
8001-35-2	Toxaphene	69	U	69	19
5103-71-9	alpha-Chlordane	6.9	U	6.9	1.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		76-149
877-09-8	Tetrachloro-m-xylene	89		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
SDG No.: _____
Client Sample ID: EX3-B2 (8) Lab Sample ID: 460-77553-6
Matrix: Solid Lab File ID: XR152396.D
Analysis Method: 8081B Date Collected: 06/10/2014 14:15
Extraction Method: 3546 Date Extracted: 06/12/2014 06:01
Sample wt/vol: 15.01(g) Date Analyzed: 06/12/2014 14:34
Con. Extract Vol.: 10 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: 9.6 GPC Cleanup: (Y/N) N
Analysis Batch No.: 230179 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-29-3	4,4'-DDT	37		7.4	1.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		76-149
877-09-8	Tetrachloro-m-xylene	98		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: EX3-B2 (8) Lab Sample ID: 460-77553-6
 Matrix: Solid Lab File ID: XR152396.D
 Analysis Method: 8081B Date Collected: 06/10/2014 14:15
 Extraction Method: 3546 Date Extracted: 06/12/2014 06:01
 Sample wt/vol: 15.01(g) Date Analyzed: 06/12/2014 14:34
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 9.6 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 230179 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	75		7.4	1.4
72-55-9	4,4'-DDE	18		7.4	1.4
309-00-2	Aldrin	7.4	U	7.4	1.5
319-84-6	alpha-BHC	7.4	U	7.4	1.7
319-85-7	beta-BHC	7.4	U	7.4	1.8
57-74-9	Chlordane (technical)	74	U	74	21
319-86-8	delta-BHC	7.4	U	7.4	1.3
60-57-1	Dieldrin	7.4	U	7.4	1.3
959-98-8	Endosulfan I	7.4	U	7.4	1.7
33213-65-9	Endosulfan II	7.4	U	7.4	1.4
1031-07-8	Endosulfan sulfate	7.4	U	7.4	1.4
72-20-8	Endrin	7.4	U	7.4	1.8
7421-93-4	Endrin aldehyde	7.4	U	7.4	1.1
53494-70-5	Endrin ketone	7.4	U	7.4	1.4
58-89-9	gamma-BHC (Lindane)	7.4	U	7.4	1.3
76-44-8	Heptachlor	7.4	U	7.4	1.8
1024-57-3	Heptachlor epoxide	7.4	U	7.4	1.7
72-43-5	Methoxychlor	7.4	U	7.4	1.8
8001-35-2	Toxaphene	74	U	74	20
5103-71-9	alpha-Chlordane	7.4	U	7.4	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		76-149
877-09-8	Tetrachloro-m-xylene	99		72-136

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: EX2-B1 (6) Lab Sample ID: 460-77467-1
 Matrix: Solid Lab File ID: OR217892.D
 Analysis Method: 8082A Date Collected: 06/09/2014 14:00
 Extraction Method: 3546 Date Extracted: 06/11/2014 03:15
 Sample wt/vol: 15.05(g) Date Analyzed: 06/11/2014 14:17
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 7.9 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229981 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	73	U	73	16
11104-28-2	Aroclor 1221	73	U	73	16
11141-16-5	Aroclor 1232	73	U	73	16
53469-21-9	Aroclor 1242	73	U	73	16
12672-29-6	Aroclor 1248	73	U	73	16
11097-69-1	Aroclor 1254	73	U	73	21
11096-82-5	Aroclor 1260	73	U	73	21
37324-23-5	Aroclor-1262	73	U	73	21
11100-14-4	Aroclor 1268	73	U	73	21
1336-36-3	Polychlorinated biphenyls, Total	73	U	73	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	89		53-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
SDG No.: _____
Client Sample ID: EX2-B2 (6) Lab Sample ID: 460-77467-2
Matrix: Solid Lab File ID: OR217911.D
Analysis Method: 8082A Date Collected: 06/09/2014 14:15
Extraction Method: 3546 Date Extracted: 06/11/2014 03:15
Sample wt/vol: 15.01(g) Date Analyzed: 06/12/2014 10:14
Con. Extract Vol.: 10 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: 9.2 GPC Cleanup: (Y/N) N
Analysis Batch No.: 230156 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11096-82-5	Aroclor 1260	60	J	74	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	94		53-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.:
 Client Sample ID: EX2-B2 (6) Lab Sample ID: 460-77467-2
 Matrix: Solid Lab File ID: OR217911.D
 Analysis Method: 8082A Date Collected: 06/09/2014 14:15
 Extraction Method: 3546 Date Extracted: 06/11/2014 03:15
 Sample wt/vol: 15.01(g) Date Analyzed: 06/12/2014 10:14
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 9.2 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 230156 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	74	U	74	17
11104-28-2	Aroclor 1221	74	U	74	17
11141-16-5	Aroclor 1232	74	U	74	17
53469-21-9	Aroclor 1242	74	U	74	17
12672-29-6	Aroclor 1248	74	U	74	17
11097-69-1	Aroclor 1254	74	U	74	21
37324-23-5	Aroclor-1262	74	U	74	21
11100-14-4	Aroclor 1268	74	U	74	21
1336-36-3	Polychlorinated biphenyls, Total	60	J	74	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	111		53-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: HL2-SW1 (4-5) Lab Sample ID: 460-77467-3
 Matrix: Solid Lab File ID: OR217894.D
 Analysis Method: 8082A Date Collected: 06/09/2014 15:05
 Extraction Method: 3546 Date Extracted: 06/11/2014 03:15
 Sample wt/vol: 15.04 (g) Date Analyzed: 06/11/2014 14:50
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: 9.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229981 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	74	U	74	17
11104-28-2	Aroclor 1221	74	U	74	17
11141-16-5	Aroclor 1232	74	U	74	17
53469-21-9	Aroclor 1242	74	U	74	17
12672-29-6	Aroclor 1248	74	U	74	17
11097-69-1	Aroclor 1254	74	U	74	21
11096-82-5	Aroclor 1260	74	U	74	21
37324-23-5	Aroclor-1262	74	U	74	21
11100-14-4	Aroclor 1268	74	U	74	21
1336-36-3	Polychlorinated biphenyls, Total	74	U	74	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	107		53-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: HL2-SW2 (4-5) Lab Sample ID: 460-77467-4
 Matrix: Solid Lab File ID: OR217895.D
 Analysis Method: 8082A Date Collected: 06/09/2014 15:10
 Extraction Method: 3546 Date Extracted: 06/11/2014 03:15
 Sample wt/vol: 15.00(g) Date Analyzed: 06/11/2014 15:07
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 9.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229981 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	74	U	74	17
11104-28-2	Aroclor 1221	74	U	74	17
11141-16-5	Aroclor 1232	74	U	74	17
53469-21-9	Aroclor 1242	74	U	74	17
12672-29-6	Aroclor 1248	74	U	74	17
11097-69-1	Aroclor 1254	74	U	74	21
11096-82-5	Aroclor 1260	74	U	74	21
37324-23-5	Aroclor-1262	74	U	74	21
11100-14-4	Aroclor 1268	74	U	74	21
1336-36-3	Polychlorinated biphenyls, Total	74	U	74	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	115		53-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-77467-1</u>
SDG No.: _____	
Client Sample ID: <u>HL2-SW3 (4-5)</u>	Lab Sample ID: <u>460-77467-5</u>
Matrix: <u>Solid</u>	Lab File ID: <u>OR217896.D</u>
Analysis Method: <u>8082A</u>	Date Collected: <u>06/09/2014 15:15</u>
Extraction Method: <u>3546</u>	Date Extracted: <u>06/11/2014 03:15</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>06/11/2014 15:23</u>
Con. Extract Vol.: <u>10(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	GC Column: <u>CLP-1</u> ID: <u>0.53(mm)</u>
% Moisture: <u>10.6</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>229981</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	75	U	75	17
11104-28-2	Aroclor 1221	75	U	75	17
11141-16-5	Aroclor 1232	75	U	75	17
53469-21-9	Aroclor 1242	75	U	75	17
12672-29-6	Aroclor 1248	75	U	75	17
11097-69-1	Aroclor 1254	75	U	75	21
11096-82-5	Aroclor 1260	75	U	75	21
37324-23-5	Aroclor-1262	75	U	75	21
11100-14-4	Aroclor 1268	75	U	75	21
1336-36-3	Polychlorinated biphenyls, Total	75	U	75	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	126		53-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: HL2-SW4 (4-5) Lab Sample ID: 460-77467-6
 Matrix: Solid Lab File ID: OR217897.D
 Analysis Method: 8082A Date Collected: 06/09/2014 15:20
 Extraction Method: 3546 Date Extracted: 06/11/2014 03:15
 Sample wt/vol: 15.02(g) Date Analyzed: 06/11/2014 15:40
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 9.3 GPC Cleanup:(Y/N) N
 Analysis Batch No.: 229981 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	74	U	74	17
11104-28-2	Aroclor 1221	74	U	74	17
11141-16-5	Aroclor 1232	74	U	74	17
53469-21-9	Aroclor 1242	74	U	74	17
12672-29-6	Aroclor 1248	74	U	74	17
11097-69-1	Aroclor 1254	74	U	74	21
11096-82-5	Aroclor 1260	74	U	74	21
37324-23-5	Aroclor-1262	74	U	74	21
11100-14-4	Aroclor 1268	74	U	74	21
1336-36-3	Polychlorinated biphenyls, Total	74	U	74	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	124		53-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: HL2-B1 (6) Lab Sample ID: 460-77467-7
 Matrix: Solid Lab File ID: OR217898.D
 Analysis Method: 8082A Date Collected: 06/09/2014 15:25
 Extraction Method: 3546 Date Extracted: 06/11/2014 03:15
 Sample wt/vol: 15.03(g) Date Analyzed: 06/11/2014 16:02
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 8.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 229981 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	73	U	73	16
11104-28-2	Aroclor 1221	73	U	73	16
11141-16-5	Aroclor 1232	73	U	73	16
53469-21-9	Aroclor 1242	73	U	73	16
12672-29-6	Aroclor 1248	73	U	73	16
11097-69-1	Aroclor 1254	73	U	73	21
11096-82-5	Aroclor 1260	73	U	73	21
37324-23-5	Aroclor-1262	73	U	73	21
11100-14-4	Aroclor 1268	73	U	73	21
1336-36-3	Polychlorinated biphenyls, Total	73	U	73	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	127		53-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-77467-1</u>
SDG No.: _____	
Client Sample ID: <u>EX3-SW1 (13-14)</u>	Lab Sample ID: <u>460-77553-1</u>
Matrix: <u>Solid</u>	Lab File ID: <u>T007624.D</u>
Analysis Method: <u>8082A</u>	Date Collected: <u>06/10/2014 13:50</u>
Extraction Method: <u>3546</u>	Date Extracted: <u>06/12/2014 07:18</u>
Sample wt/vol: <u>15.02(g)</u>	Date Analyzed: <u>06/12/2014 17:08</u>
Con. Extract Vol.: <u>10 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	GC Column: <u>CLP-1</u> ID: <u>0.53 (mm)</u>
% Moisture: <u>4.7</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>230273</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	70	U	70	16
11104-28-2	Aroclor 1221	70	U	70	16
11141-16-5	Aroclor 1232	70	U	70	16
53469-21-9	Aroclor 1242	70	U	70	16
12672-29-6	Aroclor 1248	70	U	70	16
11097-69-1	Aroclor 1254	70	U	70	20
11096-82-5	Aroclor 1260	70	U	70	20
37324-23-5	Aroclor-1262	70	U	70	20
11100-14-4	Aroclor 1268	70	U	70	20
1336-36-3	Polychlorinated biphenyls, Total	70	U	70	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		53-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: EX3-SW2 (13-14) Lab Sample ID: 460-77553-2
 Matrix: Solid Lab File ID: T007625.D
 Analysis Method: 8082A Date Collected: 06/10/2014 13:55
 Extraction Method: 3546 Date Extracted: 06/12/2014 07:18
 Sample wt/vol: 15.03(g) Date Analyzed: 06/12/2014 17:27
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 5.5 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 230273 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	71	U	71	16
11104-28-2	Aroclor 1221	71	U	71	16
11141-16-5	Aroclor 1232	71	U	71	16
53469-21-9	Aroclor 1242	71	U	71	16
12672-29-6	Aroclor 1248	71	U	71	16
11097-69-1	Aroclor 1254	71	U	71	20
11096-82-5	Aroclor 1260	71	U	71	20
37324-23-5	Aroclor-1262	71	U	71	20
11100-14-4	Aroclor 1268	71	U	71	20
1336-36-3	Polychlorinated biphenyls, Total	71	U	71	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		53-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: EX3-SW3 (13-14) Lab Sample ID: 460-77553-3
 Matrix: Solid Lab File ID: T007626.D
 Analysis Method: 8082A Date Collected: 06/10/2014 14:00
 Extraction Method: 3546 Date Extracted: 06/12/2014 07:18
 Sample wt/vol: 15.03(g) Date Analyzed: 06/12/2014 17:46
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 4.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 230273 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	70	U	70	16
11104-28-2	Aroclor 1221	70	U	70	16
11141-16-5	Aroclor 1232	70	U	70	16
53469-21-9	Aroclor 1242	70	U	70	16
12672-29-6	Aroclor 1248	70	U	70	16
11097-69-1	Aroclor 1254	70	U	70	20
11096-82-5	Aroclor 1260	70	U	70	20
37324-23-5	Aroclor-1262	70	U	70	20
11100-14-4	Aroclor 1268	70	U	70	20
1336-36-3	Polychlorinated biphenyls, Total	70	U	70	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		53-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-77467-1</u>
SDG No.: _____	
Client Sample ID: <u>EX3-SW4 (13-14)</u>	Lab Sample ID: <u>460-77553-4</u>
Matrix: <u>Solid</u>	Lab File ID: <u>T007627.D</u>
Analysis Method: <u>8082A</u>	Date Collected: <u>06/10/2014 14:05</u>
Extraction Method: <u>3546</u>	Date Extracted: <u>06/12/2014 07:18</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>06/12/2014 18:05</u>
Con. Extract Vol.: <u>10(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	GC Column: <u>CLP-1</u> ID: <u>0.53(mm)</u>
% Moisture: <u>4.8</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>230273</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	70	U	70	16
11104-28-2	Aroclor 1221	70	U	70	16
11141-16-5	Aroclor 1232	70	U	70	16
53469-21-9	Aroclor 1242	70	U	70	16
12672-29-6	Aroclor 1248	70	U	70	16
11097-69-1	Aroclor 1254	70	U	70	20
11096-82-5	Aroclor 1260	70	U	70	20
37324-23-5	Aroclor-1262	70	U	70	20
11100-14-4	Aroclor 1268	70	U	70	20
1336-36-3	Polychlorinated biphenyls, Total	70	U	70	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	118		53-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-77467-1</u>
SDG No.: _____	
Client Sample ID: <u>EX3-B1 (15)</u>	Lab Sample ID: <u>460-77553-5</u>
Matrix: <u>Solid</u>	Lab File ID: <u>T007628.D</u>
Analysis Method: <u>8082A</u>	Date Collected: <u>06/10/2014 14:10</u>
Extraction Method: <u>3546</u>	Date Extracted: <u>06/12/2014 07:18</u>
Sample wt/vol: <u>15.02 (g)</u>	Date Analyzed: <u>06/12/2014 18:25</u>
Con. Extract Vol.: <u>10 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	GC Column: <u>CLP-1</u> ID: <u>0.53 (mm)</u>
% Moisture: <u>3.7</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>230273</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	69	U	69	16
11104-28-2	Aroclor 1221	69	U	69	16
11141-16-5	Aroclor 1232	69	U	69	16
53469-21-9	Aroclor 1242	69	U	69	16
12672-29-6	Aroclor 1248	69	U	69	16
11097-69-1	Aroclor 1254	69	U	69	20
11096-82-5	Aroclor 1260	69	U	69	20
37324-23-5	Aroclor-1262	69	U	69	20
11100-14-4	Aroclor 1268	69	U	69	20
1336-36-3	Polychlorinated biphenyls, Total	69	U	69	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		53-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-77467-1</u>
SDG No.: _____	
Client Sample ID: <u>EX3-B2 (8)</u>	Lab Sample ID: <u>460-77553-6</u>
Matrix: <u>Solid</u>	Lab File ID: <u>T007629.D</u>
Analysis Method: <u>8082A</u>	Date Collected: <u>06/10/2014 14:15</u>
Extraction Method: <u>3546</u>	Date Extracted: <u>06/12/2014 07:18</u>
Sample wt/vol: <u>15.05(g)</u>	Date Analyzed: <u>06/12/2014 18:44</u>
Con. Extract Vol.: <u>10 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	GC Column: <u>CLP-1</u> ID: <u>0.53 (mm)</u>
% Moisture: <u>9.6</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>230273</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	74	U	74	17
11104-28-2	Aroclor 1221	74	U	74	17
11141-16-5	Aroclor 1232	74	U	74	17
53469-21-9	Aroclor 1242	74	U	74	17
12672-29-6	Aroclor 1248	74	U	74	17
11097-69-1	Aroclor 1254	74	U	74	21
11096-82-5	Aroclor 1260	74	U	74	21
37324-23-5	Aroclor-1262	74	U	74	21
11100-14-4	Aroclor 1268	74	U	74	21
1336-36-3	Polychlorinated biphenyls, Total	74	U	74	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	101		53-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
SDG No.: _____
Client Sample ID: EX2-B1 (6) Lab Sample ID: 460-77467-1
Matrix: Solid Lab File ID: ZR124888.D
Analysis Method: 8151A Date Collected: 06/09/2014 14:00
Extraction Method: 8151A Date Extracted: 06/10/2014 18:09
Sample wt/vol: 30.01(g) Date Analyzed: 06/11/2014 18:04
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: DB-5 ID: 0.53(mm)
% Moisture: 7.9 GPC Cleanup: (Y/N) N
Analysis Batch No.: 230019 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	18	U	18	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	150		69-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG No.: _____

Client Sample ID: EX2-B2 (6)

Lab Sample ID: 460-77467-2

Matrix: Solid

Lab File ID: ZR124948.D

Analysis Method: 8151A

Date Collected: 06/09/2014 14:15

Extraction Method: 8151A

Date Extracted: 06/10/2014 18:09

Sample wt/vol: 30.02(g)

Date Analyzed: 06/12/2014 21:14

Con. Extract Vol.: 10 (mL)

Dilution Factor: 1

Injection Volume: 1 (uL)

GC Column: DB-5 ID: 0.53 (mm)

% Moisture: 9.2

GPC Cleanup: (Y/N) N

Analysis Batch No.: 230306

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	19	U	19	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	88		69-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
SDG No.: _____
Client Sample ID: HL2-SW1 (4-5) Lab Sample ID: 460-77467-3
Matrix: Solid Lab File ID: ZR124951.D
Analysis Method: 8151A Date Collected: 06/09/2014 15:05
Extraction Method: 8151A Date Extracted: 06/10/2014 18:09
Sample wt/vol: 30.03(g) Date Analyzed: 06/12/2014 22:19
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: DB-5 ID: 0.53(mm)
% Moisture: 9.8 GPC Cleanup: (Y/N) N
Analysis Batch No.: 230306 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	19	U	19	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	100		69-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
SDG No.: _____
Client Sample ID: HL2-SW2 (4-5) Lab Sample ID: 460-77467-4
Matrix: Solid Lab File ID: ZR124952.D
Analysis Method: 8151A Date Collected: 06/09/2014 15:10
Extraction Method: 8151A Date Extracted: 06/10/2014 18:09
Sample wt/vol: 30.04(g) Date Analyzed: 06/12/2014 22:41
Con. Extract Vol.: 10 (mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: DB-5 ID: 0.53 (mm)
% Moisture: 9.8 GPC Cleanup: (Y/N) N
Analysis Batch No.: 230306 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	19	U	19	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	86		69-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: HL2-SW3 (4-5) Lab Sample ID: 460-77467-5
 Matrix: Solid Lab File ID: ZR124947.D
 Analysis Method: 8151A Date Collected: 06/09/2014 15:15
 Extraction Method: 8151A Date Extracted: 06/10/2014 18:09
 Sample wt/vol: 29.98(g) Date Analyzed: 06/12/2014 20:53
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: DB-5 ID: 0.53 (mm)
 % Moisture: 10.6 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 230306 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	19	U	19	2.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	137		69-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-77467-1</u>
SDG No.: _____	
Client Sample ID: <u>HL2-SW4 (4-5)</u>	Lab Sample ID: <u>460-77467-6</u>
Matrix: <u>Solid</u>	Lab File ID: <u>ZR124950.D</u>
Analysis Method: <u>8151A</u>	Date Collected: <u>06/09/2014 15:20</u>
Extraction Method: <u>8151A</u>	Date Extracted: <u>06/10/2014 18:09</u>
Sample wt/vol: <u>30.02(g)</u>	Date Analyzed: <u>06/12/2014 21:58</u>
Con. Extract Vol.: <u>10(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	GC Column: <u>DB-5</u> ID: <u>0.53(mm)</u>
% Moisture: <u>9.3</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>230306</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	19	U	19	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	94		69-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
SDG No.: _____
Client Sample ID: HL2-B1 (6) Lab Sample ID: 460-77467-7
Matrix: Solid Lab File ID: ZR124949.D
Analysis Method: 8151A Date Collected: 06/09/2014 15:25
Extraction Method: 8151A Date Extracted: 06/10/2014 18:09
Sample wt/vol: 30.01(g) Date Analyzed: 06/12/2014 21:36
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: DB-5 ID: 0.53(mm)
% Moisture: 8.7 GPC Cleanup: (Y/N) N
Analysis Batch No.: 230306 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	19	U	19	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	87		69-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
SDG No.: _____
Client Sample ID: EX3-SW1 (13-14) Lab Sample ID: 460-77553-1
Matrix: Solid Lab File ID: ZR124977.D
Analysis Method: 8151A Date Collected: 06/10/2014 13:50
Extraction Method: 8151A Date Extracted: 06/12/2014 10:49
Sample wt/vol: 30.02(g) Date Analyzed: 06/13/2014 18:38
Con. Extract Vol.: 10 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: DB-5 ID: 0.53 (mm)
% Moisture: 4.7 GPC Cleanup: (Y/N) N
Analysis Batch No.: 230529 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	18	U	18	1.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	145		69-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-77467-1</u>
SDG No.: _____	
Client Sample ID: <u>EX3-SW2 (13-14)</u>	Lab Sample ID: <u>460-77553-2</u>
Matrix: <u>Solid</u>	Lab File ID: <u>ZR124978.D</u>
Analysis Method: <u>8151A</u>	Date Collected: <u>06/10/2014 13:55</u>
Extraction Method: <u>8151A</u>	Date Extracted: <u>06/12/2014 10:49</u>
Sample wt/vol: <u>30.02(g)</u>	Date Analyzed: <u>06/13/2014 19:00</u>
Con. Extract Vol.: <u>10 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	GC Column: <u>DB-5</u> ID: <u>0.53 (mm)</u>
% Moisture: <u>5.5</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>230529</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	18	U	18	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	164	*	69-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: EX3-SW3 (13-14) Lab Sample ID: 460-77553-3
 Matrix: Solid Lab File ID: ZR124979.D
 Analysis Method: 8151A Date Collected: 06/10/2014 14:00
 Extraction Method: 8151A Date Extracted: 06/12/2014 10:49
 Sample wt/vol: 30.02(g) Date Analyzed: 06/13/2014 19:22
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: DB-5 ID: 0.53(mm)
 % Moisture: 4.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 230529 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	18	U	18	1.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	173	*	69-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: EX3-SW4 (13-14) Lab Sample ID: 460-77553-4
 Matrix: Solid Lab File ID: ZR124980.D
 Analysis Method: 8151A Date Collected: 06/10/2014 14:05
 Extraction Method: 8151A Date Extracted: 06/12/2014 10:49
 Sample wt/vol: 30.04 (g) Date Analyzed: 06/13/2014 19:43
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: DB-5 ID: 0.53 (mm)
 % Moisture: 4.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 230529 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	18	U	18	1.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	176	*	69-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: EX3-B1 (15) Lab Sample ID: 460-77553-5
 Matrix: Solid Lab File ID: ZR124981.D
 Analysis Method: 8151A Date Collected: 06/10/2014 14:10
 Extraction Method: 8151A Date Extracted: 06/12/2014 10:49
 Sample wt/vol: 30.03(g) Date Analyzed: 06/13/2014 20:04
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: DB-5 ID: 0.53(mm)
 % Moisture: 3.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 230529 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	18	U	18	1.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	176	*	69-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-77467-1
 SDG No.: _____
 Client Sample ID: EX3-B2 (8) Lab Sample ID: 460-77553-6
 Matrix: Solid Lab File ID: ZR125021.D
 Analysis Method: 8151A Date Collected: 06/10/2014 14:15
 Extraction Method: 8151A Date Extracted: 06/12/2014 10:49
 Sample wt/vol: 29.98 (g) Date Analyzed: 06/14/2014 10:29
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: DB-5 ID: 0.53 (mm)
 % Moisture: 9.6 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 230533 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	19	U	19	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	164	*	69-150

PART 5
Appendix C
Data Summary Form I's
With Qualifications

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EX2-B1 (6)

Lab Sample ID: 460-77467-1

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/09/2014 14:00

Reporting Basis: DRY

Date Received: 06/10/2014 07:40

% Solids: 92.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.0	2.0	0.40	mg/Kg	U		4	6010C
7440-38-2	Arsenic	2.7	3.1	0.84	mg/Kg	J		4	6010C
7440-39-3	Barium	44.5	41.0	1.8	mg/Kg			4	6010C
7440-41-7	Beryllium	0.41	0.41	0.28	mg/Kg	U		4	6010C
7440-43-9	Cadmium	0.82	0.82	0.29	mg/Kg	U		4	6010C
7440-47-3	Chromium	17.6	2.0	0.82	mg/Kg			4	6010C
7440-50-8	Copper	13.0	5.1	1.8	mg/Kg			4	6010C
7439-96-5	Manganese	161	3.1	0.88	mg/Kg			4	6010C
7440-02-0	Nickel	16.3	8.2	1.8	mg/Kg			4	6010C
7439-92-1	Lead	13.7	2.0	0.84	mg/Kg			4	6010C
7782-49-2	Selenium	4.1	4.1	1.2	mg/Kg	U		4	6010C
7440-66-6	Zinc	78.7	6.1	1.8	mg/Kg	J		4	6010C
7439-97-6	Mercury	0.013	0.018	0.013	mg/Kg	J		1	7471B

for 12/3/15

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EX2-B2 (6)

Lab Sample ID: 460-77467-2

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/09/2014 14:15

Reporting Basis: DRY

Date Received: 06/10/2014 07:40

% Solids: 90.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.0	2.0	0.39	mg/Kg	U		4	6010C
7440-38-2	Arsenic	2.7	3.0	0.82	mg/Kg	J		4	6010C
7440-39-3	Barium	64.4	40.1	1.7	mg/Kg			4	6010C
7440-41-7	Beryllium	0.40	0.40	0.27	mg/Kg	U		4	6010C
7440-43-9	Cadmium	0.80	0.80	0.28	mg/Kg	U		4	6010C
7440-47-3	Chromium	19.5	2.0	0.80	mg/Kg			4	6010C
7440-50-8	Copper	16.8	5.0	1.8	mg/Kg			4	6010C
7439-96-5	Manganese	268	3.0	0.86	mg/Kg			4	6010C
7440-02-0	Nickel	15.2	8.0	1.8	mg/Kg			4	6010C
7439-92-1	Lead	55.3	2.0	0.82	mg/Kg			4	6010C
7782-49-2	Selenium	4.0	4.0	1.1	mg/Kg	U		4	6010C
7440-66-6	Zinc	65.2	6.0	1.7	mg/Kg			4	6010C
7439-97-6	Mercury	0.020	0.017	0.012	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: HL2-SW1 (4-5)

Lab Sample ID: 460-77467-3

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/09/2014 15:05

Reporting Basis: DRY

Date Received: 06/10/2014 07:40

% Solids: 90.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	1.9	1.9	0.38	mg/Kg	U		4	6010C
7440-38-2	Arsenic	3.5	2.9	0.80	mg/Kg			4	6010C
7440-39-3	Barium	62.8	38.9	1.7	mg/Kg			4	6010C
7440-41-7	Beryllium	0.39	0.39	0.26	mg/Kg	U		4	6010C
7440-43-9	Cadmium	0.78	0.78	0.28	mg/Kg	U		4	6010C
7440-47-3	Chromium	17.8	1.9	0.78	mg/Kg			4	6010C
7440-50-8	Copper	19.5	4.9	1.7	mg/Kg			4	6010C
7439-96-5	Manganese	244	2.9	0.84	mg/Kg			4	6010C
7440-02-0	Nickel	16.7	7.8	1.7	mg/Kg			4	6010C
7439-92-1	Lead	109	1.9	0.80	mg/Kg			4	6010C
7782-49-2	Selenium	3.9	3.9	1.1	mg/Kg	U		4	6010C
7440-66-6	Zinc	75.7	5.8	1.7	mg/Kg			4	6010C
7439-97-6	Mercury	0.013	0.018	0.013	mg/Kg	J		1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: HL2-SW2 (4-5)

Lab Sample ID: 460-77467-4

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/09/2014 15:10

Reporting Basis: DRY

Date Received: 06/10/2014 07:40

% Solids: 90.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.0	2.0	0.39	mg/Kg	U		4	6010C
7440-38-2	Arsenic	3.1	3.0	0.82	mg/Kg			4	6010C
7440-39-3	Barium	60.8	39.9	1.7	mg/Kg			4	6010C
7440-41-7	Beryllium	0.29	0.40	0.27	mg/Kg	J		4	6010C
7440-43-9	Cadmium	0.80	0.80	0.28	mg/Kg	U		4	6010C
7440-47-3	Chromium	19.7	2.0	0.80	mg/Kg			4	6010C
7440-50-8	Copper	17.5	5.0	1.8	mg/Kg			4	6010C
7439-96-5	Manganese	333	3.0	0.86	mg/Kg			4	6010C
7440-02-0	Nickel	18.5	8.0	1.8	mg/Kg			4	6010C
7439-92-1	Lead	18.1	2.0	0.82	mg/Kg			4	6010C
7782-49-2	Selenium	4.0	4.0	1.1	mg/Kg	U		4	6010C
7440-66-6	Zinc	50.9	6.0	1.7	mg/Kg			4	6010C
7439-97-6	Mercury	0.019	0.017	0.012	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: HL2-SW3 (4-5)

Lab Sample ID: 460-77467-5

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/09/2014 15:15

Reporting Basis: DRY

Date Received: 06/10/2014 07:40

% Solids: 89.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.1	2.1	0.41	mg/Kg	U		4	6010C
7440-38-2	Arsenic	4.4	3.1	0.86	mg/Kg			4	6010C
7440-39-3	Barium	71.5	41.8	1.8	mg/Kg			4	6010C
7440-41-7	Beryllium	0.42	0.42	0.28	mg/Kg	U		4	6010C
7440-43-9	Cadmium	0.84	0.84	0.30	mg/Kg	U		4	6010C
7440-47-3	Chromium	18.7	2.1	0.84	mg/Kg			4	6010C
7440-50-8	Copper	15.2	5.2	1.8	mg/Kg			4	6010C
7439-96-5	Manganese	334	3.1	0.90	mg/Kg			4	6010C
7440-02-0	Nickel	16.2	8.4	1.9	mg/Kg			4	6010C
7439-92-1	Lead	20.1	2.1	0.86	mg/Kg			4	6010C
7782-49-2	Selenium	4.2	4.2	1.2	mg/Kg	U		4	6010C
7440-66-6	Zinc	59.6	6.3	1.8	mg/Kg			4	6010C
7439-97-6	Mercury	0.014	0.018	0.013	mg/Kg	J		1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: HL2-SW4 (4-5)

Lab Sample ID: 460-77467-6

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/09/2014 15:20

Reporting Basis: DRY

Date Received: 06/10/2014 07:40

% Solids: 90.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.0	2.0	0.39	mg/Kg	U		4	6010C
7440-38-2	Arsenic	4.9	3.0	0.82	mg/Kg			4	6010C
7440-39-3	Barium	214	40.1	1.7	mg/Kg			4	6010C
7440-41-7	Beryllium	0.28	0.40	0.27	mg/Kg	J		4	6010C
7440-43-9	Cadmium	0.80	0.80	0.28	mg/Kg	U		4	6010C
7440-47-3	Chromium	18.2	2.0	0.80	mg/Kg			4	6010C
7440-50-8	Copper	19.4	5.0	1.8	mg/Kg			4	6010C
7439-96-5	Manganese	307	3.0	0.86	mg/Kg			4	6010C
7440-02-0	Nickel	13.5	8.0	1.8	mg/Kg			4	6010C
7439-92-1	Lead	83.3	2.0	0.82	mg/Kg			4	6010C
7782-49-2	Selenium	4.0	4.0	1.1	mg/Kg	U		4	6010C
7440-66-6	Zinc	171	6.0	1.7	mg/Kg			4	6010C
7439-97-6	Mercury	0.021	0.018	0.013	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: HL2-B1 (6)

Lab Sample ID: 460-77467-7

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/09/2014 15:25

Reporting Basis: DRY

Date Received: 06/10/2014 07:40

% Solids: 91.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.1	2.1	0.41	mg/Kg	U		4	6010C
7440-38-2	Arsenic	3.7	3.2	0.86	mg/Kg			4	6010C
7440-39-3	Barium	70.4	42.1	1.8	mg/Kg			4	6010C
7440-41-7	Beryllium	0.42	0.42	0.29	mg/Kg	U		4	6010C
7440-43-9	Cadmium	2.2	0.84	0.30	mg/Kg			4	6010C
7440-47-3	Chromium	16.6	2.1	0.84	mg/Kg			4	6010C
7440-50-8	Copper	15.3	5.3	1.9	mg/Kg			4	6010C
7439-96-5	Manganese	377	3.2	0.91	mg/Kg			4	6010C
7440-02-0	Nickel	13.8	8.4	1.9	mg/Kg			4	6010C
7439-92-1	Lead	58.5	2.1	0.86	mg/Kg			4	6010C
7782-49-2	Selenium	4.2	4.2	1.2	mg/Kg	U		4	6010C
7440-66-6	Zinc	121	6.3	1.8	mg/Kg			4	6010C
7439-97-6	Mercury	0.027	0.017	0.012	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EX3-SW1 (13-14)

Lab Sample ID: 460-77553-1

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/10/2014 13:50

Reporting Basis: DRY

Date Received: 06/11/2014 09:30

% Solids: 95.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	1.9	1.9	0.37	mg/Kg	U		4	6010C
7440-38-2	Arsenic	2.9	2.9	0.78	mg/Kg	U		4	6010C
7440-39-3	Barium	35.6	38.1	1.6	mg/Kg	J		4	6010C
7440-41-7	Beryllium	0.38	0.38	0.26	mg/Kg	U		4	6010C
7440-43-9	Cadmium	0.76	0.76	0.27	mg/Kg	U		4	6010C
7440-47-3	Chromium	10.1	1.9	0.76	mg/Kg			4	6010C
7440-50-8	Copper	9.6	4.8	1.7	mg/Kg			4	6010C
7439-96-5	Manganese	202	2.9	0.82	mg/Kg			4	6010C
7440-02-0	Nickel	8.3	7.6	1.7	mg/Kg			4	6010C
7439-92-1	Lead	7.9	1.9	0.78	mg/Kg			4	6010C
7782-49-2	Selenium	3.8	3.8	1.1	mg/Kg	U		4	6010C
7440-66-6	Zinc	24.2	5.7	1.6	mg/Kg			4	6010C
7439-97-6	Mercury	0.018	0.018	0.012	mg/Kg	U		1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EX3-SW2 (13-14)

Lab Sample ID: 460-77553-2

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/10/2014 13:55

Reporting Basis: DRY

Date Received: 06/11/2014 09:30

% Solids: 94.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	1.9	1.9	0.36	mg/Kg	U		4	6010C
7440-38-2	Arsenic	1.0	2.8	0.76	mg/Kg	J		4	6010C
7440-39-3	Barium	28.6	37.1	1.6	mg/Kg	J		4	6010C
7440-41-7	Beryllium	0.37	0.37	0.25	mg/Kg	U		4	6010C
7440-43-9	Cadmium	0.74	0.74	0.26	mg/Kg	U		4	6010C
7440-47-3	Chromium	10.6	1.9	0.74	mg/Kg			4	6010C
7440-50-8	Copper	10.1	4.6	1.6	mg/Kg			4	6010C
7439-96-5	Manganese	180	2.8	0.80	mg/Kg			4	6010C
7440-02-0	Nickel	9.5	7.4	1.7	mg/Kg			4	6010C
7439-92-1	Lead	4.6	1.9	0.76	mg/Kg			4	6010C
7782-49-2	Selenium	3.7	3.7	1.1	mg/Kg	U		4	6010C
7440-66-6	Zinc	25.0	5.6	1.6	mg/Kg			4	6010C
7439-97-6	Mercury	0.017	0.017	0.012	mg/Kg	U		1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EX3-SW3 (13-14)

Lab Sample ID: 460-77553-3

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/10/2014 14:00

Reporting Basis: DRY

Date Received: 06/11/2014 09:30

% Solids: 95.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	1.9	1.9	0.37	mg/Kg	U		4	6010C
7440-38-2	Arsenic	2.8	2.8	0.77	mg/Kg	U		4	6010C
7440-39-3	Barium	35.3	37.8	1.6	mg/Kg	J		4	6010C
7440-41-7	Beryllium	0.38	0.38	0.26	mg/Kg	U		4	6010C
7440-43-9	Cadmium	0.76	0.76	0.27	mg/Kg	U		4	6010C
7440-47-3	Chromium	11.9	1.9	0.76	mg/Kg			4	6010C
7440-50-8	Copper	11.6	4.7	1.7	mg/Kg			4	6010C
7439-96-5	Manganese	230	2.8	0.81	mg/Kg			4	6010C
7440-02-0	Nickel	10.1	7.6	1.7	mg/Kg			4	6010C
7439-92-1	Lead	4.4	1.9	0.78	mg/Kg			4	6010C
7782-49-2	Selenium	3.8	3.8	1.1	mg/Kg	U		4	6010C
7440-66-6	Zinc	22.1	5.7	1.6	mg/Kg			4	6010C
7439-97-6	Mercury	0.018	0.018	0.013	mg/Kg	U		1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EX3-SW4 (13-14)

Lab Sample ID: 460-77553-4

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/10/2014 14:05

Reporting Basis: DRY

Date Received: 06/11/2014 09:30

% Solids: 95.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.0	2.0	0.38	mg/Kg	U		4	6010C
7440-38-2	Arsenic	3.0	3.0	0.81	mg/Kg	U		4	6010C
7440-39-3	Barium	35.3	39.6	1.7	mg/Kg	J		4	6010C
7440-41-7	Beryllium	0.40	0.40	0.27	mg/Kg	U		4	6010C
7440-43-9	Cadmium	0.79	0.79	0.28	mg/Kg	U		4	6010C
7440-47-3	Chromium	12.8	2.0	0.79	mg/Kg			4	6010C
7440-50-8	Copper	11.8	5.0	1.7	mg/Kg			4	6010C
7439-96-5	Manganese	210	3.0	0.85	mg/Kg			4	6010C
7440-02-0	Nickel	12.2	7.9	1.8	mg/Kg			4	6010C
7439-92-1	Lead	5.9	2.0	0.81	mg/Kg			4	6010C
7782-49-2	Selenium	4.0	4.0	1.1	mg/Kg	U		4	6010C
7440-66-6	Zinc	26.8	5.9	1.7	mg/Kg			4	6010C
7439-97-6	Mercury	0.016	0.016	0.011	mg/Kg	U		1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EX3-B1 (15)

Lab Sample ID: 460-77553-5

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/10/2014 14:10

Reporting Basis: DRY

Date Received: 06/11/2014 09:30

% Solids: 96.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	1.8	1.8	0.35	mg/Kg	U		4	6010C
7440-38-2	Arsenic	2.7	2.7	0.75	mg/Kg	U		4	6010C
7440-39-3	Barium	23.5	36.4	1.6	mg/Kg	J		4	6010C
7440-41-7	Beryllium	0.36	0.36	0.25	mg/Kg	U		4	6010C
7440-43-9	Cadmium	0.73	0.73	0.26	mg/Kg	U		4	6010C
7440-47-3	Chromium	8.2	1.8	0.73	mg/Kg			4	6010C
7440-50-8	Copper	7.3	4.6	1.6	mg/Kg			4	6010C
7439-96-5	Manganese	202	2.7	0.78	mg/Kg			4	6010C
7440-02-0	Nickel	7.7	7.3	1.6	mg/Kg			4	6010C
7439-92-1	Lead	4.2	1.8	0.75	mg/Kg			4	6010C
7782-49-2	Selenium	3.6	3.6	1.0	mg/Kg	U		4	6010C
7440-66-6	Zinc	21.4	5.5	1.6	mg/Kg			4	6010C
7439-97-6	Mercury	0.016	0.016	0.011	mg/Kg	U		1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EX3-B2 (8)

Lab Sample ID: 460-77553-6

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/10/2014 14:15

Reporting Basis: DRY

Date Received: 06/11/2014 09:30

% Solids: 90.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.0	2.0	0.40	mg/Kg	U		4	6010C
7440-38-2	Arsenic	5.9	3.1	0.84	mg/Kg			4	6010C
7440-39-3	Barium	65.1	41.0	1.8	mg/Kg			4	6010C
7440-41-7	Beryllium	1.0	1.0	0.70	mg/Kg	U		10	6010C
7440-43-9	Cadmium	0.97	0.82	0.29	mg/Kg			4	6010C
7440-47-3	Chromium	23.6	2.0	0.82	mg/Kg			4	6010C
7440-50-8	Copper	27.2	5.1	1.8	mg/Kg			4	6010C
7439-96-5	Manganese	212	3.1	0.88	mg/Kg			4	6010C
7440-02-0	Nickel	21.7	8.2	1.8	mg/Kg			4	6010C
7439-92-1	Lead	115	2.0	0.84	mg/Kg			4	6010C
7782-49-2	Selenium	4.1	4.1	1.2	mg/Kg	U		4	6010C
7440-66-6	Zinc	229	6.1	1.8	mg/Kg			4	6010C
7439-97-6	Mercury	0.030	0.017	0.012	mg/Kg			1	7471B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX2-B1 (6)

Lab Sample ID: 460-77467-1

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/09/2014 14:00

Reporting Basis: DRY

Date Received: 06/10/2014 07:40

% Solids: 92.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.15	0.11	0.060	mg/Kg			1	9012B
18540-29-9	Cr (VI)	0.55	2.1	0.53	mg/Kg	J		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX2-B1 (6)

Lab Sample ID: 460-77467-1

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/09/2014 14:00

Reporting Basis: WET

Date Received: 06/10/2014 07:40

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	17.1	2.0		mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX2-B2 (6)

Lab Sample ID: 460-77467-2

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/09/2014 14:15

Reporting Basis: DRY

Date Received: 06/10/2014 07:40

% Solids: 90.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.11	0.11	0.061	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	2.2	2.2	0.56	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX2-B2 (6)

Lab Sample ID: 460-77467-2

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/09/2014 14:15

Reporting Basis: WET

Date Received: 06/10/2014 07:40

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	19.5	2.0		mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: HL2-SW1 (4-5)

Lab Sample ID: 460-77467-3

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/09/2014 15:05

Reporting Basis: DRY

Date Received: 06/10/2014 07:40

% Solids: 90.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.11	0.11	0.061	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	2.2	2.2	0.55	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: HL2-SW1 (4-5)

Lab Sample ID: 460-77467-3

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/09/2014 15:05

Reporting Basis: WET

Date Received: 06/10/2014 07:40

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	17.8	2.0		mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: HL2-SW2 (4-5)

Lab Sample ID: 460-77467-4

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/09/2014 15:10

Reporting Basis: DRY

Date Received: 06/10/2014 07:40

% Solids: 90.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.11	0.11	0.061	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	2.3	2.3	0.56	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: HL2-SW2 (4-5)

Lab Sample ID: 460-77467-4

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/09/2014 15:10

Reporting Basis: WET

Date Received: 06/10/2014 07:40

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	19.7	2.0		mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: HL2-SW3 (4-5)

Lab Sample ID: 460-77467-5

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/09/2014 15:15

Reporting Basis: DRY

Date Received: 06/10/2014 07:40

% Solids: 89.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.11	0.11	0.062	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	2.3	2.3	0.56	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: HL2-SW3 (4-5)

Lab Sample ID: 460-77467-5

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/09/2014 15:15

Reporting Basis: WET

Date Received: 06/10/2014 07:40

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	18.7	2.0		mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: HL2-SW4 (4-5)

Lab Sample ID: 460-77467-6

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/09/2014 15:20

Reporting Basis: DRY

Date Received: 06/10/2014 07:40

% Solids: 90.7

CAS NO.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.11	0.11	0.061	mg/Kg			1	9012B
18540-29-9	Cr (VI)	2.2	2.2	0.55	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: HL2-SW4 (4-5)

Lab Sample ID: 460-77467-6

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/09/2014 15:20

Reporting Basis: WET

Date Received: 06/10/2014 07:40

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	18.2	2.0		mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: HL2-B1 (6)

Lab Sample ID: 460-77467-7

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/09/2014 15:25

Reporting Basis: DRY

Date Received: 06/10/2014 07:40

% Solids: 91.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.11	0.11	0.060	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	3.2	2.3	0.56	mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: HL2-B1 (6)

Lab Sample ID: 460-77467-7

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/09/2014 15:25

Reporting Basis: WET

Date Received: 06/10/2014 07:40

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	13.4	2.0		mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX3-SW1 (13-14)

Lab Sample ID: 460-77553-1

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/10/2014 13:50

Reporting Basis: DRY

Date Received: 06/11/2014 09:30

% Solids: 95.3

CAS NO.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.10	0.10	0.058	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	2.1	2.1	0.52	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX3-SW1 (13-14)

Lab Sample ID: 460-77553-1

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/10/2014 13:50

Reporting Basis: WET

Date Received: 06/11/2014 09:30

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	10.1	2.0		mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX3-SW2 (13-14)

Lab Sample ID: 460-77553-2

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/10/2014 13:55

Reporting Basis: DRY

Date Received: 06/11/2014 09:30

% Solids: 94.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.11	0.11	0.058	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	2.1	2.1	0.53	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX3-SW2 (13-14)

Lab Sample ID: 460-77553-2

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/10/2014 13:55

Reporting Basis: WET

Date Received: 06/11/2014 09:30

CAS No.	Analyte	Result	RI		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	10.6	2.0		mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX3-SW3 (13-14)

Lab Sample ID: 460-77553-3

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/10/2014 14:00

Reporting Basis: DRY

Date Received: 06/11/2014 09:30

% Solids: 95.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.10	0.10	0.058	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	2.1	2.1	0.52	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX3-SW3 (13-14)

Lab Sample ID: 460-77553-3

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/10/2014 14:00

Reporting Basis: WET

Date Received: 06/11/2014 09:30

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	11.9	2.0		mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX3-SW4 (13-14)

Lab Sample ID: 460-77553-4

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/10/2014 14:05

Reporting Basis: DRY

Date Received: 06/11/2014 09:30

% Solids: 95.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.11	0.11	0.058	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	2.0	2.0	0.51	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX3-SW4 (13-14)

Lab Sample ID: 460-77553-4

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/10/2014 14:05

Reporting Basis: WET

Date Received: 06/11/2014 09:30

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	12.8	2.0		mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX3-B1 (15)

Lab Sample ID: 460-77553-5

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/10/2014 14:10

Reporting Basis: DRY

Date Received: 06/11/2014 09:30

% Solids: 96.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.10	0.10	0.057	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	2.1	2.1	0.52	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX3-B1 (15)

Lab Sample ID: 460-77553-5

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/10/2014 14:10

Reporting Basis: WET

Date Received: 06/11/2014 09:30

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	8.2	2.0		mg/Kg			1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX3-B2 (8)

Lab Sample ID: 460-77553-6

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/10/2014 14:15

Reporting Basis: DRY

Date Received: 06/11/2014 09:30

% Solids: 90.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.11	0.11	0.061	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	2.2	2.2	0.54	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EX3-B2 (8)

Lab Sample ID: 460-77553-6

Lab Name: TestAmerica Edison

Job No.: 460-77467-1

SDG ID.:

Matrix: Solid

Date Sampled: 06/10/2014 14:15

Reporting Basis: WET

Date Received: 06/11/2014 09:30

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	23.6	2.0		mg/Kg			1	7196A

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-79914-1
 SDG No.: _____
 Client Sample ID: EG-1-2 Lab Sample ID: 460-79914-1
 Matrix: Solid Lab File ID: K30006.D
 Analysis Method: 8260C Date Collected: 07/23/2014 08:35
 Sample wt/vol: 5.65(g) Date Analyzed: 07/29/2014 09:22
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: 7.1 Level: (low/med) Low
 Analysis Batch No.: 239255 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.95	U	0.95	0.12
75-34-3	1,1-Dichloroethane	0.95	U	0.95	0.10
75-35-4	1,1-Dichloroethene	0.95	U	0.95	0.18
95-63-6	1,2,4-Trimethylbenzene	0.95	U	0.95	0.14
95-50-1	1,2-Dichlorobenzene	0.95	U	0.95	0.095
107-06-2	1,2-Dichloroethane	0.95	U	0.95	0.17
108-67-8	1,3,5-Trimethylbenzene	0.95	U	0.95	0.11
541-73-1	1,3-Dichlorobenzene	0.95	U	0.95	0.15
106-46-7	1,4-Dichlorobenzene	0.95	U	0.95	0.10
123-91-1	1,4-Dioxane	19	U	19	12
78-93-3	2-Butanone (MEK)	4.8	U <i>UT</i>	4.8	0.60
67-64-1	Acetone	4.8	U	4.8	1.6
71-43-2	Benzene	0.95	U	0.95	0.14
56-23-5	Carbon tetrachloride	0.95	U	0.95	0.14
108-90-7	Chlorobenzene	0.95	U	0.95	0.17
67-66-3	Chloroform	0.95	U	0.95	0.23
156-59-2	cis-1,2-Dichloroethene	0.95	U	0.95	0.10
100-41-4	Ethylbenzene	0.95	U	0.95	0.16
1634-04-4	Methyl tert-butyl ether	0.95	U	0.95	0.10
75-09-2	Methylene Chloride	0.95	U	0.95	0.14
104-51-8	n-Butylbenzene	0.95	U	0.95	0.076
103-65-1	N-Propylbenzene	0.95	U	0.95	0.14
135-98-8	sec-Butylbenzene	0.95	U	0.95	0.12
98-06-6	tert-Butylbenzene	0.95	U	0.95	0.11
127-18-4	Tetrachloroethene	0.95	U	0.95	0.11
108-88-3	Toluene	0.95	U	0.95	0.13
156-60-5	trans-1,2-Dichloroethene	0.95	U	0.95	0.12
79-01-6	Trichloroethene	0.95	U	0.95	0.11
75-01-4	Vinyl chloride	0.95	U	0.95	0.32
1330-20-7	Xylenes, Total	1.9	U	1.9	0.64

80M
12/31/15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-79914-1
 SDG No.: _____
 Client Sample ID: EG-1-2 Lab Sample ID: 460-79914-1
 Matrix: Solid Lab File ID: z2582.D
 Analysis Method: 8270D Date Collected: 07/23/2014 08:35
 Extract. Method: 3541 Date Extracted: 07/25/2014 09:17
 Sample wt/vol: 15.03(g) Date Analyzed: 07/27/2014 00:16
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) Level: (low/med) Low
 % Moisture: 7.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 238844 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	350	U	350	61
15831-10-4	3 & 4 Methylphenol	350	U	350	61
83-32-9	Acenaphthene	350	U	350	52
208-96-8	Acenaphthylene	350	U	350	42
120-12-7	Anthracene	350	U	350	43
56-55-3	Benzo[a]anthracene	35	U	35	2.5
50-32-8	Benzo[a]pyrene	35	U	35	2.5
205-99-2	Benzo[b]fluoranthene	35	U	35	2.2
191-24-2	Benzo[g,h,i]perylene	350	U	350	26
207-08-9	Benzo[k]fluoranthene	35	U	35	2.7
218-01-9	Chrysene	350	U	350	41
53-70-3	Dibenz(a,h)anthracene	35	U	35	4.5
132-64-9	Dibenzofuran	350	U	350	42
206-44-0	Fluoranthene	350	U	350	47
86-73-7	Fluorene	350	U	350	45
118-74-1	Hexachlorobenzene	35	U	35	4.9
193-39-5	Indeno[1,2,3-cd]pyrene	35	U	35	6.6
91-20-3	Naphthalene	350	U	350	41
87-86-5	Pentachlorophenol	720	U	720	110
85-01-8	Phenanthrene	350	U	350	45
108-95-2	Phenol	350	U	350	48
129-00-0	Pyrene	350	U	350	30

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	90		19-114
321-60-8	2-Fluorobiphenyl	82		49-112
367-12-4	2-Fluorophenol (Surr)	74		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	84		40-106
4165-62-2	Phenol-d5 (Surr)	83		44-104
1718-51-0	Terphenyl-d14 (Surr)	98		41-145

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12/3/15

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-79914-1
 SDG No.: _____
 Client Sample ID: EG-1-2 Lab Sample ID: 460-79914-1
 Matrix: Solid Lab File ID: VR493939.D
 Analysis Method: 8081B Date Collected: 07/23/2014 08:35
 Extraction Method: 3546 Date Extracted: 07/25/2014 01:09
 Sample wt/vol: 15.0029(g) Date Analyzed: 07/25/2014 18:14
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 7.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 238689 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.2	U	7.2	1.4
72-55-9	4,4'-DDE	7.2	U	7.2	1.4
50-29-3	4,4'-DDT	7.2	U	7.2	1.7
309-00-2	Aldrin	7.2	U	7.2	1.5
319-84-6	alpha-BHC	7.2	U	7.2	1.6
319-85-7	beta-BHC	7.2	U	7.2	1.7
57-74-9	Chlordane (technical)	7.2	U	7.2	20
319-86-8	delta-BHC	7.2	U	7.2	1.3
60-57-1	Dieldrin	7.2	U	7.2	1.3
959-98-8	Endosulfan I	7.2	U	7.2	1.6
33213-65-9	Endosulfan II	7.2	U	7.2	1.4
1031-07-8	Endosulfan sulfate	7.2	U	7.2	1.4
72-20-8	Endrin	7.2	U	7.2	1.7
7421-93-4	Endrin aldehyde	7.2	U	7.2	1.1
53494-70-5	Endrin ketone	7.2	U	7.2	1.4
58-89-9	gamma-BHC (Lindane)	7.2	U	7.2	1.3
76-44-8	Heptachlor	7.2	U	7.2	1.7
1024-57-3	Heptachlor epoxide	7.2	U	7.2	1.6
72-43-5	Methoxychlor	7.2	U	7.2	1.7
8001-35-2	Toxaphene	7.2	U	7.2	19
5103-71-9	alpha-Chlordane	7.2	U	7.2	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		76-149
877-09-8	Tetrachloro-m-xylene	99		72-136

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-79914-1
 SDG No.: _____
 Client Sample ID: EG-1-2 Lab Sample ID: 460-79914-1
 Matrix: Solid Lab File ID: QR103363.D
 Analysis Method: 8082A Date Collected: 07/23/2014 08:35
 Extraction Method: 3546 Date Extracted: 07/25/2014 01:22
 Sample wt/vol: 15.0022(g) Date Analyzed: 07/26/2014 02:49
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 7.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 238718 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	72	U	72	16
11104-28-2	Aroclor 1221	72	U	72	16
11141-16-5	Aroclor 1232	72	U	72	16
53469-21-9	Aroclor 1242	72	U	72	16
12672-29-6	Aroclor 1248	72	U	72	16
11097-69-1	Aroclor 1254	72	U	72	20
11096-82-5	Aroclor 1260	72	U	72	20
37324-23-5	Aroclor-1262	72	U	72	20
11100-14-4	Aroclor 1268	72	U	72	20
1336-36-3	Polychlorinated biphenyls, Total	72	U	72	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	115		53-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-79914-1
SDG No.: _____
Client Sample ID: EG-1-2 Lab Sample ID: 460-79914-1
Matrix: Solid Lab File ID: ZR125926.D
Analysis Method: 8151A Date Collected: 07/23/2014 08:35
Extraction Method: 8151A Date Extracted: 07/24/2014 13:24
Sample wt/vol: 30.03(g) Date Analyzed: 07/27/2014 02:23
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: DB-5 ID: 0.53(mm)
% Moisture: 7.1 GPC Cleanup: (Y/N) N
Analysis Batch No.: 238874 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TF)	18	U	18	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	184	*	69-150

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EG-1-2

Lab Sample ID: 460-79914-1

Lab Name: TestAmerica Edison

Job No.: 460-79914-1

SDG ID.:

Matrix: Solid

Date Sampled: 07/23/2014 08:35

Reporting Basis: DRY

Date Received: 07/24/2014 09:15

% Solids: 92.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.1	2.1	0.40	mg/Kg	U		4	6010C
7440-38-2	Arsenic	2.0	3.1	0.85	mg/Kg	J		4	6010C
7440-39-3	Barium	57.8	41.4	1.8	mg/Kg			4	6010C
7440-41-7	Beryllium	0.41	0.41	0.28	mg/Kg	U		4	6010C
7440-43-9	Cadmium	0.83	0.83	0.29	mg/Kg	U		4	6010C
7440-47-3	Chromium	23.1	2.1	0.83	mg/Kg			4	6010C
7440-50-8	Copper	15.6	5.2	1.8	mg/Kg			4	6010C
7439-96-5	Manganese	264	3.1	0.89	mg/Kg			4	6010C
7440-02-0	Nickel	17.4	8.3	1.9	mg/Kg			4	6010C
7439-92-1	Lead	6.6	2.1	0.85	mg/Kg			4	6010C
7782-49-2	Selenium	4.1	4.1	1.2	mg/Kg	U		4	6010C
7440-66-6	Zinc	43.8	6.2	1.8	mg/Kg			4	6010C
7439-97-6	Mercury	0.013	0.018	0.013	mg/Kg	J		1	7471B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EG-1-2

Lab Sample ID: 460-79914-1

Lab Name: TestAmerica Edison

Job No.: 460-79914-1

SDG ID.:

Matrix: Solid

Date Sampled: 07/23/2014 08:35

Reporting Basis: DRY

Date Received: 07/24/2014 09:15

% Solids: 92.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.11	0.11	0.059	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	2.1	2.1	0.52	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EG-1-2 Lab Sample ID: 460-79914-1
Lab Name: TestAmerica Edison Job No.: 460-79914-1
SDG ID.:
Matrix: Solid Date Sampled: 07/23/2014 08:35
Reporting Basis: WET Date Received: 07/24/2014 09:15

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	23.1	2.0		mg/Kg			1	7196A

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-80592-1
 SDG No.: _____
 Client Sample ID: EG-4-2 Lab Sample ID: 460-80592-1
 Matrix: Solid Lab File ID: O90370.D
 Analysis Method: 8260C Date Collected: 08/05/2014 10:45
 Sample wt/vol: 4.16(g) Date Analyzed: 08/08/2014 15:22
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 9.2 Level: (low/med) Low
 Analysis Batch No.: 241459 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.3	U	1.3	0.17
75-34-3	1,1-Dichloroethane	1.3	U	1.3	0.15
75-35-4	1,1-Dichloroethene	1.3	U	1.3	0.25
95-63-6	1,2,4-Trimethylbenzene	1.3	U	1.3	0.20
95-50-1	1,2-Dichlorobenzene	1.3	U	1.3	0.13
107-06-2	1,2-Dichloroethane	1.3	U	1.3	0.24
108-67-8	1,3,5-Trimethylbenzene	1.3	U	1.3	0.16
541-73-1	1,3-Dichlorobenzene	1.3	U	1.3	0.21
106-46-7	1,4-Dichlorobenzene	1.3	U	1.3	0.15
123-91-1	1,4-Dioxane	26	U	26	17
78-93-3	2-Butanone (MEK)	6.6	U	6.6	0.83
67-64-1	Acetone	6.6	U	6.6	2.2
71-43-2	Benzene	1.3	U	1.3	0.20
56-23-5	Carbon tetrachloride	1.3	U	1.3	0.20
108-90-7	Chlorobenzene	1.3	U	1.3	0.24
67-66-3	Chloroform	1.3	U	1.3	0.32
156-59-2	cis-1,2-Dichloroethene	1.3	U	1.3	0.15
100-41-4	Ethylbenzene	1.3	U	1.3	0.23
1634-04-4	Methyl tert-butyl ether	1.3	U	1.3	0.15
75-09-2	Methylene Chloride	1.3	U	1.3	0.20
104-51-8	n-Butylbenzene	1.3	U	1.3	0.11
103-65-1	N-Propylbenzene	1.3	U	1.3	0.20
135-98-8	sec-Butylbenzene	1.3	U	1.3	0.17
98-06-6	tert-Butylbenzene	1.3	U	1.3	0.16
127-18-4	Tetrachloroethene	1.3	U	1.3	0.16
108-88-3	Toluene	1.3	U	1.3	0.19
156-60-5	trans-1,2-Dichloroethene	1.3	U	1.3	0.17
79-01-6	Trichloroethene	1.3	U	1.3	0.16
75-01-4	Vinyl chloride	1.3	U	1.3	0.45
1330-20-7	Xylenes, Total	2.6	U	2.6	0.89

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-80592-1
 SDG No.: _____
 Client Sample ID: EG-4-2 Lab Sample ID: 460-80592-1
 Matrix: Solid Lab File ID: L1152416.D
 Analysis Method: 8270D Date Collected: 08/05/2014 10:45
 Extract. Method: 3541 Date Extracted: 08/06/2014 20:25
 Sample wt/vol: 15.01(g) Date Analyzed: 08/08/2014 13:11
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 9.2 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 241389 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-48-7	2-Methylphenol	360	U	360	62
15831-10-4	3 & 4 Methylphenol	360	U	360	62
83-32-9	Acenaphthene	360	U	360	53
208-96-8	Acenaphthylene	360	U	360	43
120-12-7	Anthracene	360	U	360	44
56-55-3	Benzo[a]anthracene	41		36	2.5
50-32-8	Benzo[a]pyrene	43		36	2.6
205-99-2	Benzo[b]fluoranthene	71		36	2.3
191-24-2	Benzo[g,h,i]perylene	33	J	360	27
207-08-9	Benzo[k]fluoranthene	31	J	36	2.8
218-01-9	Chrysene	46	J	360	43
53-70-3	Dibenz(a,h)anthracene	36	U	36	4.6
132-64-9	Dibenzofuran	360	U	360	43
206-44-0	Fluoranthene	69	J	360	49
86-73-7	Fluorene	360	U	360	47
118-74-1	Hexachlorobenzene	36	U	36	5.0
193-39-5	Indeno[1,2,3-cd]pyrene	31	J	36	6.8
91-20-3	Naphthalene	360	U	360	42
87-86-5	Pentachlorophenol	740	U	740	110
85-01-8	Phenanthrene	360	U	360	46
108-95-2	Phenol	360	U	360	49
129-00-0	Pyrene	49	J	360	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	42		19-114
321-60-8	2-Fluorobiphenyl	90		49-112
367-12-4	2-Fluorophenol (Surr)	68		39-103
4165-60-0	Nitrobenzene-d5 (Surr)	75		40-106
4165-62-2	Phenol-d5 (Surr)	71		44-104
1718-51-0	Terphenyl-d14 (Surr)	70		41-145

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-80592-1
 SDG No.: _____
 Client Sample ID: EG-4-2 Lab Sample ID: 460-80592-1
 Matrix: Solid Lab File ID: PR013638.D
 Analysis Method: 8081B Date Collected: 08/05/2014 10:45
 Extraction Method: 3546 Date Extracted: 08/11/2014 12:31
 Sample wt/vol: 15.01(g) Date Analyzed: 08/12/2014 09:03
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 9.2 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 242057 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.4	U	7.4	1.4
50-29-3	4,4'-DDT	23		7.4	1.8
309-00-2	Aldrin	7.4	U	7.4	1.5
319-84-6	alpha-BHC	7.4	U	7.4	1.7
319-85-7	beta-BHC	7.4	U	7.4	1.8
57-74-9	Chlordane (technical)	74	U	74	21
319-86-8	delta-BHC	7.4	U	7.4	1.3
60-57-1	Dieldrin	7.4	U	7.4	1.3
959-98-8	Endosulfan I	7.4	U	7.4	1.7
33213-65-9	Endosulfan II	7.4	U	7.4	1.4
1031-07-8	Endosulfan sulfate	7.4	U	7.4	1.4
72-20-8	Endrin	7.4	U	7.4	1.8
7421-93-4	Endrin aldehyde	7.4	U	7.4	1.1
53494-70-5	Endrin ketone	7.4	U	7.4	1.4
58-89-9	gamma-BHC (Lindane)	7.4	U	7.4	1.3
76-44-8	Heptachlor	7.4	U	7.4	1.8
1024-57-3	Heptachlor epoxide	7.4	U	7.4	1.7
72-43-5	Methoxychlor	7.4	U	7.4	1.8
8001-35-2	Toxaphene	74	U	74	20
5103-71-9	alpha-Chlordane	7.4	U	7.4	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	87		76-149
877-09-8	Tetrachloro-m-xylene	93		72-136

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-80592-1
SDG No.: _____
Client Sample ID: EG-4-2 Lab Sample ID: 460-80592-1
Matrix: Solid Lab File ID: PR013638.D
Analysis Method: 8081B Date Collected: 08/05/2014 10:45
Extraction Method: 3546 Date Extracted: 08/11/2014 12:31
Sample wt/vol: 15.01(g) Date Analyzed: 08/12/2014 09:03
Con. Extract Vol.: 10 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: 9.2 GPC Cleanup: (Y/N) N
Analysis Batch No.: 242057 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-55-9	4,4'-DDE	3.4	J	7.4	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	91		76-149
877-09-8	Tetrachloro-m-xylene	96		72-136

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-80592-1
 SDG No.: _____
 Client Sample ID: EG-4-2 Lab Sample ID: 460-80592-1
 Matrix: Solid Lab File ID: QR104110.D
 Analysis Method: 8082A Date Collected: 08/05/2014 10:45
 Extraction Method: 3546 Date Extracted: 08/07/2014 10:57
 Sample wt/vol: 15.05(g) Date Analyzed: 08/08/2014 10:03
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: 9.2 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 241461 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	74	U	74	16
11104-28-2	Aroclor 1221	74	U	74	16
11141-16-5	Aroclor 1232	74	U	74	16
53469-21-9	Aroclor 1242	74	U	74	16
12672-29-6	Aroclor 1248	74	U	74	16
11097-69-1	Aroclor 1254	74	U	74	21
11096-82-5	Aroclor 1260	74	U	74	21
37324-23-5	Aroclor-1262	74	U	74	21
11100-14-4	Aroclor 1268	74	U	74	21
1336-36-3	Polychlorinated biphenyls, Total	74	U	74	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	74		53-150

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-80592-1
SDG No.: _____
Client Sample ID: EG-4-2 Lab Sample ID: 460-80592-1
Matrix: Solid Lab File ID: ZR126063.D
Analysis Method: 8151A Date Collected: 08/05/2014 10:45
Extraction Method: 8151A Date Extracted: 08/06/2014 11:34
Sample wt/vol: 30.04 (g) Date Analyzed: 08/07/2014 10:45
Con. Extract Vol.: 10 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: DB-5 ID: 0.53 (mm)
% Moisture: 9.2 GPC Cleanup: (Y/N) N
Analysis Batch No.: 241180 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
93-72-1	Silvex (2,4,5-TP)	19	U	19	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	146		69-150

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EG-4-2

Lab Sample ID: 460-80592-1

Lab Name: TestAmerica Edison

Job No.: 460-80592-1

SDG ID.:

Matrix: Solid

Date Sampled: 08/05/2014 10:45

Reporting Basis: DRY

Date Received: 08/06/2014 09:00

% Solids: 90.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	1.7	1.7	0.34	mg/Kg	U		4	6010C
7440-38-2	Arsenic	3.4	2.6	0.72	mg/Kg			4	6010C
7440-39-3	Barium	58.7	35.0	1.5	mg/Kg			4	6010C
7440-41-7	Beryllium	0.28	0.35	0.24	mg/Kg	J		4	6010C
7440-43-9	Cadmium	0.70	0.70	0.25	mg/Kg	U		4	6010C
7440-47-3	Chromium	18.6	1.7	0.70	mg/Kg			4	6010C
7440-50-8	Copper	15.5	4.4	1.5	mg/Kg			4	6010C
7439-96-5	Manganese	270	2.6	0.75	mg/Kg			4	6010C
7440-02-0	Nickel	14.4	7.0	1.6	mg/Kg			4	6010C
7439-92-1	Lead	28.6	1.7	0.72	mg/Kg			4	6010C
7782-49-2	Selenium	3.5	3.5	1.0	mg/Kg	U		4	6010C
7440-66-6	Zinc	70.7	5.2	1.5	mg/Kg			4	6010C
7439-97-6	Mercury	0.021	0.018	0.013	mg/Kg			1	7471B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EG-4-2 Lab Sample ID: 460-80592-1
Lab Name: TestAmerica Edison Job No.: 460-80592-1
SDG ID.:
Matrix: Solid Date Sampled: 08/05/2014 10:45
Reporting Basis: DRY Date Received: 08/06/2014 09:00
% Solids: 90.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.11	0.11	0.061	mg/Kg	U		1	9012B
18540-29-9	Cr (VI)	2.2	2.2	0.55	mg/Kg	U		1	7196A

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EG-4-2

Lab Sample ID: 460-80592-1

Lab Name: TestAmerica Edison

Job No.: 460-80592-1

SDG ID.:

Matrix: Solid

Date Sampled: 08/05/2014 10:45

Reporting Basis: WET

Date Received: 08/06/2014 09:00

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
16065-83-1	Cr (III)	18.6	2.0		mg/Kg			1	7196A