Appendix F

Limited Phase II Environmental Site Assessment

TETRA TECH

August 7, 2012

Forestar Land Partners, LLC.
2151 Michelson Drive, Suite 250
Irvine, California 92612

Attention: Mr. Mike Canfield

Subject: Limited Phase II Environmental Site Assessment
Highgrove Properties – Riverside County, California

Dear Mr. Canfield:

Attached are one hard copy and one electronic copy of the report on the Limited Phase II Environmental Site Assessment performed on three parcels comprising a total of approximately 48 acres of former orchards in Riverside County, California (the Properties).

Tetra Tech appreciates the opportunity to provide this report to Forestar Land Partners, LLC.

Please call me should you have any questions about the report.

Sincerely,
TETRA TECH GEO

David McAlister
Senior Scientist

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Phase II Environmental Site Assessment Report

Highgrove Properties
APN 255-060-088, 255-250-008
255-150-001, -006, -007, and -012
County of Riverside, California

August 7, 2012

Prepared for:

Forestar Land Partners, LLC
2151 Michelson Drive, Suite 250
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Tetra Tech GEO Project No. 117-7026007/01

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EXECUTIVE SUMMARY

Tetra Tech was retained by Forestar Riverside, LLC to conduct a Phase II environmental site assessment (Phase II ESA) on three parcels comprising a total of approximately 48 acres of former orchards in Riverside County, California (the Properties). The location of the Property is shown on Figure 1.

The purpose of the Phase II ESA was to evaluate the potential for the existence of organochlorine pesticides, herbicides, or arsenic-based pesticides associated with the former use of the Property as an orchard. Stockpiles identified during the process of the Phase I update and Phase II were also sampled for Volatile Organic Compounds (VOCs), Total Petroleum Hydrocarbons (TPH), Polychlorinated biphenyls (PCBs), as well as organochlorine pesticides, herbicides, and metals. The investigation areas are shown on Figures 2 and 3.

At the time of the investigation, the Properties were undeveloped, graded land with native vegetation.

Tetra Tech completed a total of seventeen soil borings and collected six stockpile samples. Soil samples were collected from each of the borings at six inches below ground surface (bgs) and were analyzed for organochlorine pesticides by Environmental Protection Agency (EPA) Method 8081A, chlorinated herbicides by EPA Method 8151A, and California Assessment Method (CAM) metals by EPA Method 6010B. The stockpile samples were analyzed for organochlorine pesticides by EPA Method 8081A, chlorinated herbicides by EPA Method 8151A, metals by EPA Method 6010B, VOCs by EPA Method 8260B, TPH by EPA Method 8015B, and PCBs by EPA Method 8082.

The seventeen soil samples collected at the Properties contain relatively low concentrations of the organochlorine pesticides 4-4'-DDD, 4-4'-DDE, and 4-4'-DDT. All detected concentrations are below the residential soil CHHSLs and will be further attenuated or diluted as future grading activities are conducted.

Soil stockpile samples collected contained relatively low concentrations of oil-range petroleum hydrocarbons. All detected concentrations are below the San Francisco RWQCB screening values for protection of groundwater resources in residential land use scenarios and will be further attenuated or diluted as future grading activities are conducted.

Arsenic was detected above the California Human Health Screening Level (CHHSL); however, laboratory analytical results also indicated that arsenic concentrations in all soil samples fell within the range of typical concentrations in California (Kearney, 1996), suggesting that the arsenic concentrations are naturally occurring and not the result of human activity. The CHHSLs are intended for arsenic contamination resulting from human activity (Cal EPA, 2009).

No additional investigation or further actions are necessary or warranted at this time.

1.0 INTRODUCTION

Tetra Tech was retained by Forestar Riverside, LLC to conduct a Phase II environmental site assessment (Phase II ESA) on three parcels comprising a total of approximately 48 acres of former orchards in Riverside County, California (the Properties). The location of the Property is shown on Figure 1.

The Phase II ESA work for this project was conducted pursuant to authorization of the scope of work, assumptions, and terms and conditions set forth in the GeoTrans proposal dated July 20, 2012 and in general accordance with the scope of work and limitations of the ASTM Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process, designated E 1903-11.

1.1 PURPOSE

The purpose of the Phase II ESA was to evaluate the potential for the existence of organochlorine pesticides, herbicides, or arsenic-based pesticides associated with the former use of the Property as an orchard. Stockpiles identified during the process of the Phase I update and Phase II were also sampled for Volatile Organic Compounds (VOCs), California Assessment Method (CAM) Metals, Total Petroleum Hydrocarbons (TPH), Polychlorinated biphenyls (PCBs), as well as organochlorine pesticides, herbicides, and CAM metals. The investigation areas are shown on Figures 2 and 3.

1.2 LIMITATIONS AND EXCEPTIONS OF ASSESSMENT

The property assessment described in this report should not be construed as a complete characterization of environmental regulatory compliance or of above and below ground environmental conditions. Tetra Tech utilized standard data collection techniques while completing the work; however, a comprehensive characterization of all sub-surface conditions is neither appropriate nor feasible. Therefore, reliance by Forestar Land Partners, LLC on the information presented in this report shall be consistent with the limitations expressed herein, and subject to the project scope of work and terms of the contract between Tetra Tech and Forestar Partners, LLC.

The services provided were in accordance with the standard of care and skill ordinarily exercised by members of the profession currently participating in the same locality under similar conditions. No other representation, expressed or implied, and no warranty or guarantee is included or intended in this report.

2.0 BACKGROUND

2.1 SITE DESCRIPTION AND FEATURES

The Properties are located south of West Main Street, north of Center Street, east of the 215 freeway in Riverside County, California. The three parcels comprise a total of approximately 48 acres of former orchards. The location of the Properties is shown on Figure 1.

Currently, the Property has been graded and prepared for construction of single family homes. Native grasses and vegetation has grown on the Properties since the grading took place.

2.2 GEOLOGIC AND HYDROGEOLOGIC CONDITIONS

The Geologic setting in the general area of the Property is described as alluvial fans of weathered Mesocic era Cretaceous granitic parent material. The Property is located at a surface elevation of approximately 1,025 to 1,180 feet above mean sea level, with a topography that slopes down to the west.

The Properties are located in the hydrogeologic sub-area of the Upper Santa Ana River Basin. Specifically, the Properties are located north of the box springs mountains adjacent to the floodplain of the Santa Ana River. The Santa Ana River is located approximately two miles west of the Properties. The Upper Santa Ana Valley is bounded on the north and northeast by the San Gabriel and San Bernardino Mountains. The Upper Santa Ana Valley is characterized by thick alluvial deposits forming south of these mountain ranges (DWR, 1961).

2.3 SUMMARY OF PREVIOUS ASSESSMENTS

Two previous Phase I ESA reports were prepared by AEI Consultants for Citigroup and dated December 4, 2006. Updates to these two Phase I ESAs were performed by AEI and dated July 24, 2012. These Phase I ESAs were reviewed to develop this Phase II ESA scope of work. The Phase I ESAs identified the potential use of pesticides and herbicides in the historic orchards as *Recognized Environmental Conditions* in connection with the Properties.

3.0 PHASE II ACTIVITIES

3.1 SCOPE OF ASSESSMENT

A total of seventeen soil borings were advanced at the Properties to evaluate the potential existence of organochlorine or arsenic-based pesticides or chlorinated herbicides associated with the former use of the Properties. Four soil samples (A-1 through A-4) were collected from six inches below ground surface (bgs) on the portion of the Properties identified as, "Highgrove A" located at the northeast corner of Garfield Avenue and Center Street. Four soil samples (B-1 through B-4) were collected from six inches bgs on the portion of the Properties identified as, "Highgrove B" located at the northeast corner of Mount Vernon Avenue and Center Street. Nine soil samples (C-1 through C-9) were collected from six inches bgs on the portion of the Properties identified as, "Highgrove C" located at the northeast corner of Center Street and Oriole Avenue.

Six soil samples were collected from three stockpiles located on the Highgrove B & C portions of the Properties. Four soil samples (SP-1 through SP-4) were collected from the largest stockpile, approximately 450 cubic yards in size, located in the northwest area of the Highgrove B portion of the Properties. One soil sample (SP-5) was collected from an approximately 100 cubic yard soil stock pile located in the northern-central area of the Highgrove B portion of the Properties. The sixth soil sample (SP-6) was collected from an approximately 10 cubic yard soil stock pile located in the southwest corner of the Highgrove C portion of the Properties.

3.2 FIELD EXPLORATIONS AND METHODS

Tetra Tech completed a total of seventeen soil borings and collected six samples from soil stockpiles. Samples were collected utilizing a hand auger, packaged in nine-ounce glass jars, and transmitted to TestAmerica, an environmental laboratory certified by the State of California, utilizing a chain of custody and an insulated, ice-cooled container.

Prior to the commencement of field work, Tetra Tech developed a Health and Safety plan detailing the potential hazards, hazard mitigation measures, and the route to the nearest hospital. Photographs of the field investigation are included in Appendix A.

3.3 LABORATORY ANALYSIS METHODS

The laboratory was requested to analyze the seventeen soil samples for organochlorine pesticides by Environmental Protection Agency (EPA) Method 8081A, chlorinated herbicides by EPA Method 8151A, and metals by EPA Method 6010B. The stockpile samples were analyzed for organochlorine pesticides by EPA Method 8081A, chlorinated herbicides by EPA Method 8151A, metals by EPA Method 6010B, VOCs by EPA Method 8260B, TPH by EPA Method 8015B, and PCBs by EPA Method 8082.

4.0 RESULTS, CONCLUSIONS AND RECOMMENDATION

4.1 RESULTS

Chlorinated herbicides were not detected in the seventeen soil samples collected. The organochlorine pesticides 4-4'-DDD, 4-4'-DDE, and 4-4'-DDT were ranged from below the laboratory detection limit to 0.046 mg/Kg, 0.93 mg/Kg, and 0.24 mg/Kg respectively. Detected concentrations of organochlorine pesticides were compared to the residential California Human Health Screening Levels (CHHSLs) established by the California Environmental Protection Agency (Cal_EPA 2005). In all cases, the organochlorine pesticide concentrations were below the respective CHHSLs.

Concentrations of CAM metals were compared to CHHSLs and typical soils concentrations in California (Kearney, 1996) to assess whether or not the onsite CAM metals concentrations in soil are likely to exceed background concentrations. In all cases, CAM metals concentrations in soil were below the CHHSLs and maximum benchmark California soils concentrations (Kearney, 1996) with the exception of arsenic. Laboratory analytical results indicated that arsenic concentrations exceeded the CHHSL of 0.07 mg/Kg in all soil samples where detected.

The six soil stockpile samples did not contain detectable concentrations of VOCs or PCBs. Concentrations of oil-range petroleum hydrocarbons, specifically carbon ranges C23-C32, C13-C40, and C33-C40, ranged from below the laboratory detection limit of 5.0 mg/Kg to 51 mg/Kg, 33 mg/Kg, and 12 mg/Kg respectively. The TPH concentrations were compared to Regional Water Quality Control Board (RWQCB) screening values established by the San Francisco RWQCB for protection of groundwater resources in residential land use scenarios (SFRWQCB, 2007).

The results are summarized in Tables 1 and 2. Laboratory results and copies of the chain of custody records are included in Appendix B.

Groundwater was not encountered during this investigation.

4.2 CONCLUSIONS

The seventeen soil samples collected at the Properties contain relatively low concentrations of organochlorine pesticides 4-4'-DDD, 4-4'-DDE, and 4-4'-DDT. All detected concentrations are below the residential soil CHHSLs and will be further attenuated or diluted as future grading activities are conducted.

Soil stockpile samples collected contained relatively low concentrations of oil-range petroleum hydrocarbons. All detected concentrations are below the San Francisco RWQCB screening values for protection of groundwater resources in residential land use scenarios and will be further attenuated or diluted as future grading activities are conducted.

Laboratory analytical results also indicated that arsenic concentrations in all soil samples fell within the range of typical concentrations in California (Kearney, 1996), suggesting that the

arsenic concentrations are naturally occurring and not the result of human activity. The CHHSLs are intended for arsenic contamination resulting from human activity (Cal EPA, 2009).

4.3 RECOMMENDATION

No additional investigation or further actions are necessary or warranted at this time.

5.0 REFERENCES

AEI Consultants. Phase I Environmental Site Assessment APNs 255-060-088 & 255-250-008 Highgrove, California 92507. December 4, 2006

AEI Consultants. Phase I Environmental Site Assessment APNs 255-150-001, -006, -007, & -012 Highgrove, California 92507. December 4, 2006

AEI Consultants. Letter Summary: Phase I Environmental Site Assessment (Two separate letters with the same date, one for APNs 255-060-088 & 255-250-008 and the other for APNs 255-150-001, -006, -007, & -012). July 24, 2012.

American Society for Testing and Materials (ASTM) 2011. Practice E1903-11 Standard practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process.

California Environmental Protection Agency (Cal EPA). Use of California Human Health Screening Levels (CHHSLs) in Evaluation of Contaminated Properties. January 2005.

Cal EPA. Revised California Human Health Screening Levels for Lead. September 2009.

Department of Water Resources, Southern District (DWR). June 1961.Planned Utilization of the Groundwater Basins of the Coastal Plain of Los Angeles County Bulletin No. 104.

Kearney Foundation of Soil Science Special Report. Background Concentrations of Trace and Major Elements in California Soils. March, 1996.

Los Angeles Regional Water Quality Control Board (LARWQCB) Interim Site Assessment and Cleanup Guidebook. May, 1996.

San Francisco Regional Water Quality Control Board (SFRWQCB) Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater. Interim Final – November, 2007.

TABLES

TABLE 1
Soil Sampling Results
Petroleum Hydrocarbons, Volatile Organic Compounds, and Agricultural Chemicals
Highgrove Properties, Highgrove, Riverside County, California

	VOC (8260B)	TPH (8015B)			PCBs (8082)	Organochlorine Pesticides (8081A)					Chlorinated Herbicides (8151A)		
Sample	(µg/Kg)	C13-C40 (mg/Kg)	ORO C23-C32) (mg/Kg)	ORO (C33-C-40) (mg/Kg)	(µg/Kg)	Chlordane (mg/Kg)	Dieldrin (mg/Kg)	4-4'-DDD (mg/Kg)	4-4'-DDE (mg/Kg)	4-4'-DDT (mg/Kg)	2,4-D (µg/Kg)	2,4,5-T (µg/Kg)	Silvex (2,4,5-TP) (µg/Kg)
CHHSLs		**500**	**1,000**	**---**	**89**	**0.43**	**0.035**	**2.3**	**1.6**	**1.6**	**690,000**	**550,000**	**---**
A-1	NS	NS	NS	NS	NS	ND (0.33)	ND (0.0085)	ND (0.0085)	0.064	0.015	ND (1.10)	ND (1.20)	ND (1.20)
A-2	NS	NS	NS	NS	NS	ND (1.8)	ND (0.020)	ND(0.085)	0.93	0.17	ND (1.10)	ND (1.20)	ND (1.20)
A-3	NS	NS	NS	NS	NS	ND (1.8)	ND (0.020)	ND(0.085)	0.84	0.13	ND (1.10)	ND (1.20)	ND (1.20)
A-4	NS	NS	NS	NS	NS	ND (0.71)	ND (0.033)	0.014 J	0.34	0.14	ND (1.10)	ND (1.20)	ND (1.20)
B-1	NS	NS	NS	NS	NS	ND (0.26)	0.013	ND (0.0067)	0.034	ND (0.0067)	ND (1.10)	ND (1.20)	ND (1.20)
B-2	NS	NS	NS	NS	NS	ND (0.73)	ND (0.034)	ND (0.034)	0.46	0.029 J	ND (1.10)	ND (1.20)	ND (1.20)
B-3	NS	NS	NS	NS	NS	ND (0.36)	ND (0.017)	ND (0.017)	0.12	ND (0.017)	ND (1.10)	ND (1.20)	ND (1.20)
B-4	NS	NS	NS	NS	NS	ND (0.067)	ND (0.0017)	ND (0.0017)	0.00089 J	ND (0.0017)	ND (1.10)	ND (1.20)	ND (1.20)
C-1	NS	NS	NS	NS	NS	ND (0.065)	0.0052	0.0012 J	0.012	0.0050	ND (1.10)	ND (1.20)	ND (1.20)
C-2	NS	NS	NS	NS	NS	ND (0.71)	ND (0.033)	0.046	0.47	0.24	ND (1.10)	ND (1.20)	ND (1.20)
C-3	NS	NS	NS	NS	NS	ND (0.35)	ND (0.017)	0.0066 J	0.19	0.073	ND (1.10)	ND (1.20)	ND (1.20)
C-4	NS	NS	NS	NS	NS	ND (0.26)	ND (0.0066)	ND (0.0066)	0.047	0.026	ND (1.10)	ND (1.20)	ND (1.20)
C-5	NS	NS	NS	NS	NS	ND (0.065)	ND (0.0017)	ND (0.0017)	0.024	0.0013 J	ND (1.10)	ND (1.20)	ND (1.20)
C-6	NS	NS	NS	NS	NS	ND (0.065)	0.00070 J	0.00097 J	0.018	0.0089	ND (1.10)	ND (1.20)	ND (1.20)
C-7	NS	NS	NS	NS	NS	ND (0.36)	ND (0.017)	ND (0.017)	0.17	0.026	ND (1.10)	ND (1.20)	ND (1.20)
C-8	NS	NS	NS	NS	NS	ND (0.26)	ND (0.0066)	ND (0.0066)	0.034	0.0067	ND (1.10)	ND (1.20)	ND (1.20)
C-9	NS	NS	NS	NS	NS	ND (0.27)	ND (0.0068)	ND (0.0068)	0.051	0.014	ND (1.10)	ND (1.20)	ND (1.20)
SP-1	All ND	6.7	ND (5.0)	ND (5.0)	All ND	ND (0.066)	ND (0.0017)	ND (0.0017)	0.027	0.006	ND (1.10)	ND (1.20)	ND (1.20)
SP-2	All ND	5.1	ND (5.0)	ND (5.0)	All ND	ND (0.066)	ND (0.0017)	ND (0.0017)	0.040	0.0092	ND (1.10)	ND (1.20)	ND (1.20)
SP-3	All ND	ND (5.0)	ND (5.0)	ND (5.0)	All ND	ND (0.065)	ND (0.0017)	0.0023	0.034	0.0026	ND (1.10)	ND (1.20)	ND (1.20)
SP-4	All ND	ND (5.0)	ND (5.0)	ND (5.0)	All ND	ND (0.067)	ND (0.0017)	ND (0.0017)	0.038	0.0047	ND (1.10)	ND (1.20)	ND (1.20)
SP-5	All ND	13	5.1	5.2	All ND	ND (0.067)	ND (0.0017)	ND (0.0017)	0.012	0.0029	ND (1.10)	ND (1.20)	ND (1.20)
SP-6	All ND	51	33	12	All ND	ND (0.067)	ND (0.0017)	ND (0.0017)	0.044	0.032	ND (1.10)	ND (1.20)	ND (1.20)

Note:

µg/Kg - Micrograms per kilogram

mg/Kg - Milligrams per kilograms

J - Detected below the reporing limit

ND - Not Detected at the detection limit noted.

NS - Sample was not collected for this analysis

ORO - Oil Range Organics

VOCs - Volatile Organic Compunds

CHHSLs - California Human Health Screening Levels, Commercial / Soil concentrations for residential land use listed. The exception is TPH. TPH value from San Francisco Bay Region Regional Water Quality Control Board (RWQCB).

TABLE 2
Soil Sampling Results
Metals
Highgrove Properties, Highgrove, Riverside County, California

Sample	Antimony (mg/Kg)	Arsenic (mg/Kg)	Barium (mg/Kg)	Beryllium (mg/Kg)	Cadmium (mg/Kg)	Chromium (mg/Kg)	Cobalt (mg/Kg)	Copper (mg/Kg)	Lead (mg/Kg)	Mercury (mg/Kg)	Molybdenum (mg/Kg)	Nickel (mg/Kg)	Selenium (mg/Kg)	Silver (mg/Kg)	Thallium (mg/Kg)	Vanadium (mg/Kg)	Zinc (mg/Kg)
Benchmark California Soils Concentrations*	**0.60**	**3.5**	**509**	**1.3**	**0.36**	**122**	**14.9**	**28.7**	**23.9**	**0.3**	**1.3**	**57**	**0.058**	**0.80**	**0.6**	**112**	**149**
	2.0	**11.0**	**1,400**	**2.70**	**1.70**	**1,579**	**46.9**	**96.4**	**97.1**	**0.90**	**9.6**	**509**	**0.430**	**8.30**	**1.10**	**288**	**236**
CHHSLs	**30**	**0.07**	**5,200**	**150**	**1.7**	**100,000**	**660**	**3,000**	**150**	**18**	**380**	**1,600**	**380**	**380**	**5**	**530**	**23,000**
A-1	ND (10)	2.7	150	ND (0.50)	0.71	15	6.3	20	9.9	ND (0.020)	ND (2.0)	8.9	ND (2.0)	1.8	ND (10)	32	190
A-2	ND (10)	ND (2.0)	96	ND (0.50)	0.71	14	5.3	59	22	0.054	ND (2.0)	7.4	ND (2.0)	1.5	ND (10)	26	160
A-3	ND (9.9)	2.8	100	ND (0.49)	0.72	12	4.9	64	32	0.044	ND (2.0)	7.8	ND (2.0)	1.3	ND (9.9)	25	190
A-4	ND (9.9)	3.2	87	ND (0.49)	0.57	12	4.5	39.0	15	0.034	ND (2.0)	6.5	ND (2.0)	1.4	ND (9.9)	23	120
B-1	ND (10)	2.8	110	ND (0.50)	0.54	14	5.9	13	8.7	0.023	ND (2.0)	7.7	ND (2.0)	1.6	ND (10)	29	59
B-2	ND (10)	2.3	110	ND (0.50)	0.65	13	5.1	27	14	0.032	ND (2.0)	6.9	ND (2.0)	1.4	ND (10)	25	98
B-3	ND (10)	2.3	110	ND (0.50)	ND (0.50)	11	5.0	13	8.7	ND (0.020)	ND (2.0)	5.9	ND (2.0)	1.4	ND (10)	242	53
B-4	ND (9.8)	3.3	120	ND (0.49)	0.59	12	6.9	10	5.4	ND (0.020)	ND (2.0)	6.3	ND (2.0)	1.8	ND (9.8)	35	46
C-1	ND (9.8)	3.5	260	ND (0.49)	0.74	13	6.6	9.4	5.8	ND (0.020)	ND (2.0)	6.7	ND (2.0)	2.3	ND (9.8)	35	100
C-2	ND (9.9)	2.2	170	ND (0.50)	0.75	10	4.6	43	22	0.034	ND (2.0)	5.1	ND (2.0)	1.7	ND (9.9)	24	190
C-3	ND (10)	2.3	170	ND (0.50)	0.80	12	5.1	47	20	0.039	ND (2.0)	6.1	ND (2.0)	1.7	ND (10)	26	180
C-4	ND (10)	2.7	190	ND (0.50)	0.76	11	5.2	8.6	8.6	0.028	ND (2.0)	4.8	ND (2.0)	1.9	ND (10)	28	92
C-5	ND (10)	2.5	190	ND (0.50)	0.63	10	5.1	7.6	5.1	ND (0.020)	ND (2.0)	4.7	ND (2.0)	1.8	ND (10)	26	74
C-6	ND (10)	2.6	140	ND (0.50)	0.59	10.0	5.0	19	6.6	ND (0.020)	ND (2.0)	5.7	ND (2.0)	1.6	ND (10)	25	69
C-7	ND (10)	4.0	170	ND (0.51)	1.2	18	6.5	28	19	0.063	ND (2.0)	8.7	ND (2.0)	1.9	ND (10)	34	190
C-8	ND (10)	2.9	140	ND (0.49)	0.64	11	5.0	11	13	0.032	ND (2.0)	5.9	ND (2.0)	1.5	ND (9.8)	25	75
C-9	ND (9.8)	2.4	130	ND (0.49)	0.52	11	5.3	12.0	8.2	0.021	ND (2.0)	5.6	ND (2.0)	1.5	ND (9.8)	26	70
SP-1	ND (10)	3.4	160	ND (0.50)	ND (0.50)	15	5.4	14	7.9	0.035	2.2	8.1	3.8	ND (1.0)	ND (10)	31	77
SP-2	ND (10)	3.8	160	ND (0.51)	ND (0.51)	14	5.3	56	8	0.031	2.6	8.1	4.8	ND (1.0)	ND (10)	31	74
SP-3	ND (10)	3.4	190	ND (0.49)	ND (0.49)	11	5.7	14	7.8	0.038	2.2	5.2	4.8	ND (1.0)	ND (10)	33	87
SP-4	ND (9.9)	3.5	170	ND (0.50)	ND (0.50)	10	5.1	13	7.9	0.036	2.3	4.7	4.1	ND (0.99)	ND (9.9)	33	81
SP-5	ND (9.9)	4.0	130	ND (0.50)	ND (0.50)	12	5.3	190	21	0.030	ND (2.0)	8.3	2.8	ND (0.99)	ND (9.9)	27	110
SP-6	ND (10)	4.5	130	ND (0.50)	ND (0.50)	12	4.7	12.0	7.3	0.020	2.2	6.6	4.3	ND (1.0)	ND (10)	29	67

Note:

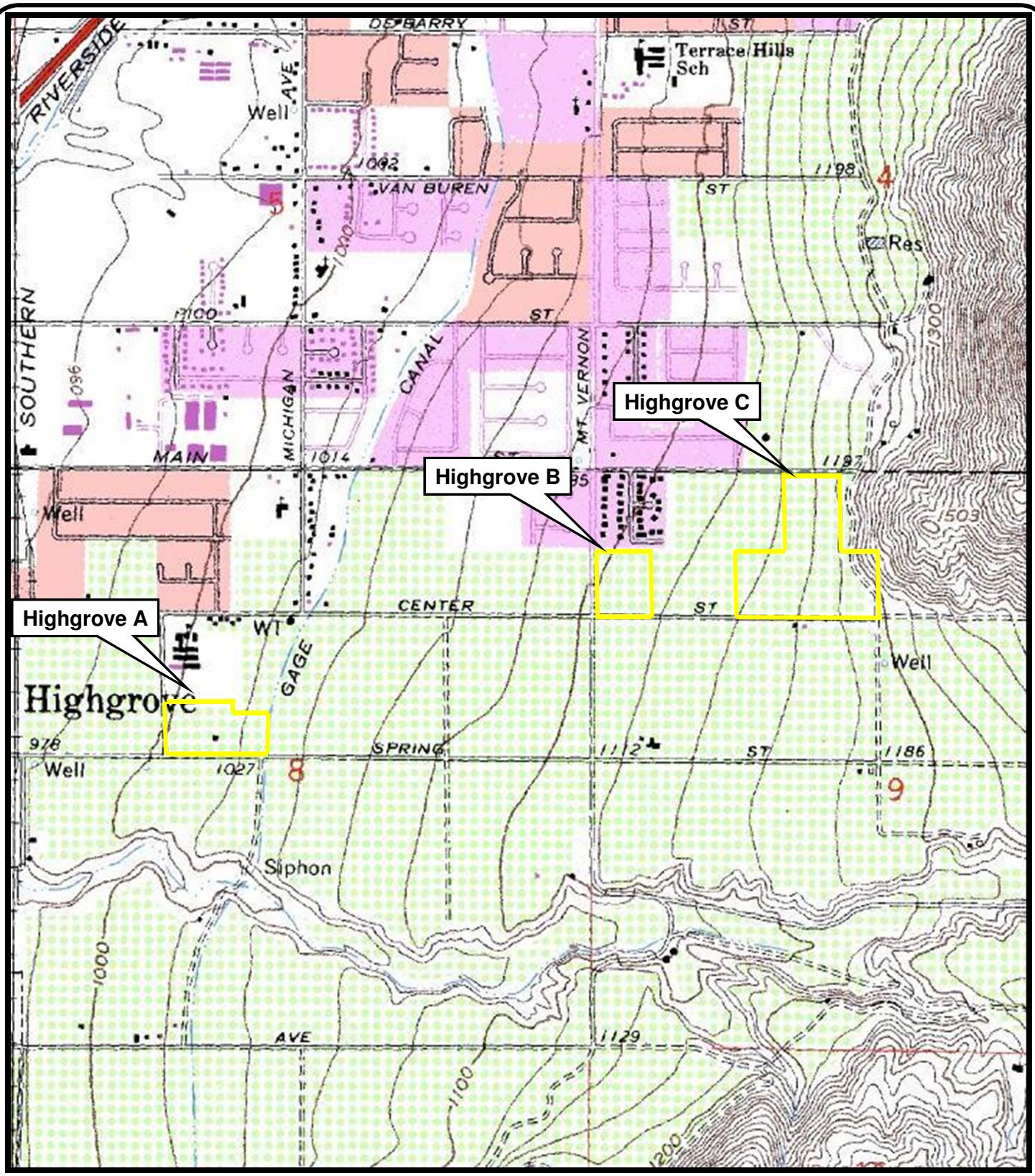
mg/Kg - Milligrams per kilograms

ND - Not Detected

* Kearney Foundation of Soil Science Special Report. Background Concentrations of Trace and Major Elements in California Soils. March, 1996. Average and maximum concentration shown.

CHHSLs - California Human Health Screening Levels, Commercial / Soil concentrations for residential land use listed.

FIGURES



SOURCE: MSRMaps.com, USGS Riverside, California 1980

N

0 feet 1,000 (approximate)

TITLE:	**Site Location Map**
LOCATION:	**Highgrove Properties** **Highgrove, Riverside County, California**

TETRA TECH

CHECKED:	D.McAlister	**FIGURE:**
DRAFTED:		**1**
FILE:		
DATE:		

SOURCE*: Google Earth, 2012.*

P-1 Photo location and direction

● Soil Sample Location

N

TITLE:	**Soil Sample Locations, Highgrove A**
LOCATION:	**Highgrove Properties** **Highgrove, Riverside County, California**

TETRA TECH

CHECKED:	D.McAlister	**FIGURE:**
DRAFTED:		**2**
FILE:		
DATE:		

SOURCE: ***Google Earth, 2012.***

P-1 Photo location and direction

Soil Sample Location

Area of Historic Soil Stockpiles

Area of New Soil Stockpiles

N

TITLE:	**Soil Sample Locations, Highgrove B & C**
LOCATION:	**Highgrove Properties** **Highgrove, Riverside County, California**

TETRA TECH

CHECKED:	D.McAlister	**FIGURE:**
DRAFTED:		**3**
FILE:		
DATE:		

APPENDIX A

PHOTOGRAPHIC LOG

Photo P-1 - Viewing northeast from southern property boundary. Elementary school visible along northern property boundary. Approximate sample locations shown.

Photo P-2 – Signpost with address, presumably for the house that was located on the property. Concrete structure associated with some sort of irrigation system also visible. Photo taken at southern property boundary.

TITLE:	**Site Photographs**		
LOCATION:	**Highgrove Properties** **Highgrove, Riverside County, California**		
TETRA TECH	CHECKED:	D.McAlister	Figure: A-1
	DRAFTED:		
	PROJ.:		
	DATE:	7/24/2012	

Photo P-3 - Viewing northeast from southern property boundary. Soil piles visible along right-hand side of photo. Sample locations shown.

Photo P-4 – Viewing north-northwest from southern property boundary. Sample locations shown.

TITLE: **Site Photographs**

LOCATION: **Highgrove Properties**
Highgrove, Riverside County, California

TETRA TECH

CHECKED:	D.McAlister
DRAFTED:	
PROJ.:	
DATE:	7/24/2012

Figure: A-2

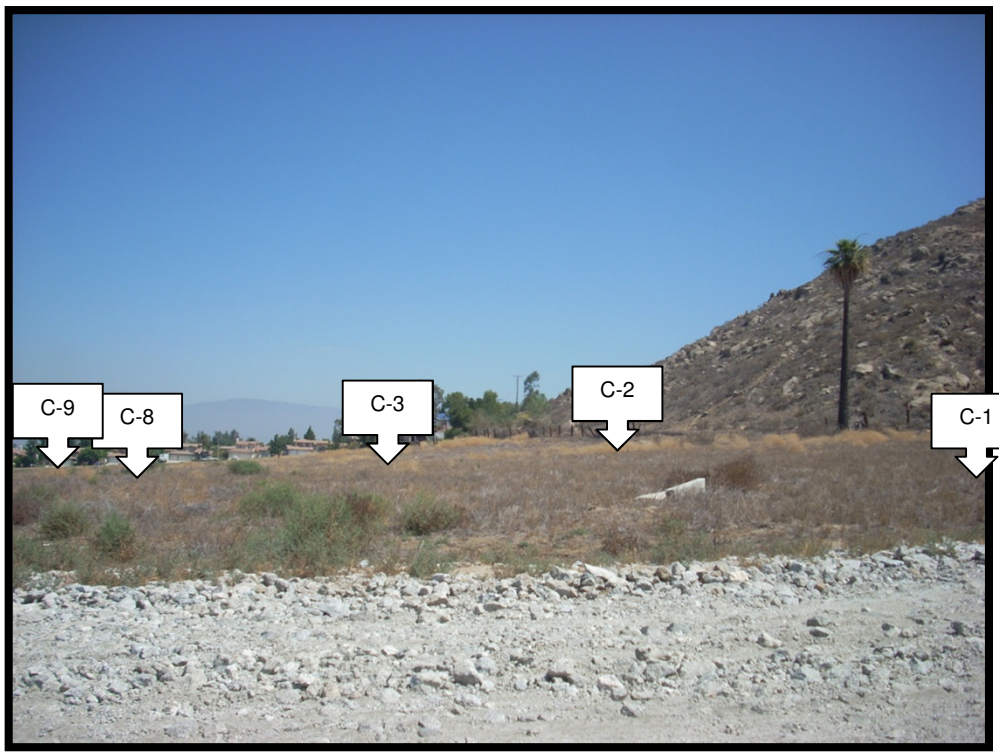


Photo P-5 - Viewing northeast from southern property boundary. Dilapidated fencing visible along eastern property boundary. Approximate sample locations shown.

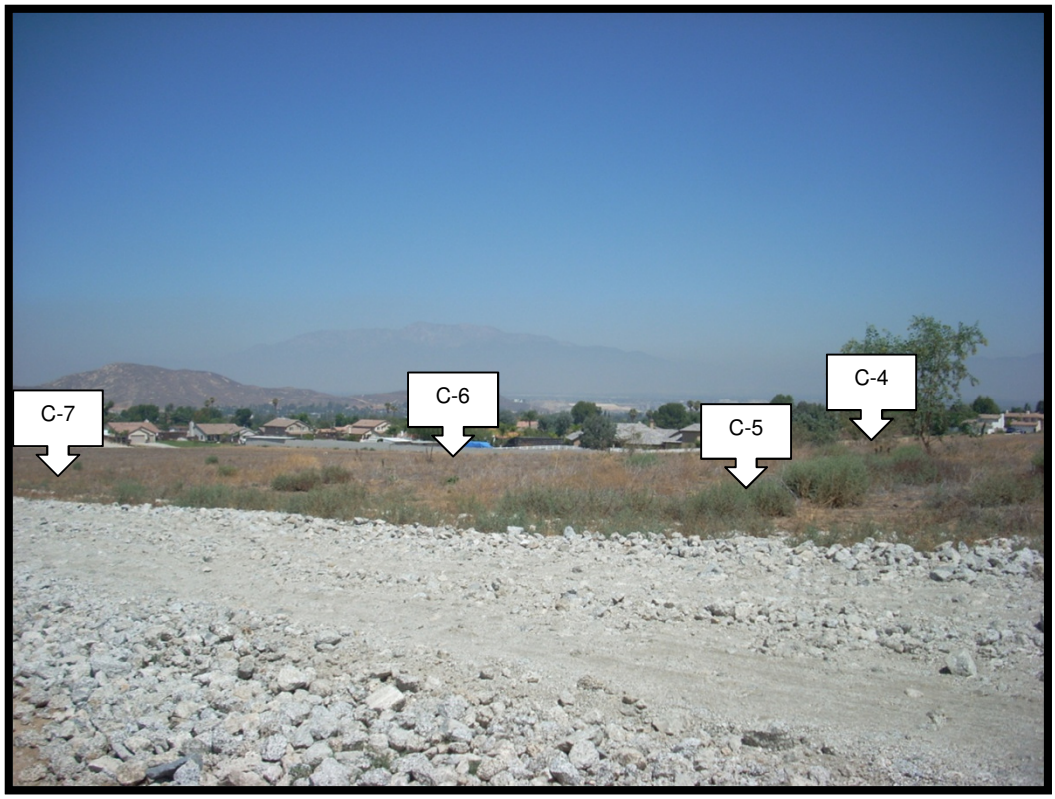


Photo P-6 – Viewing northwest from southern property boundary. Stockpiled soil noted to the east of the left-hand side of this photo. Approximate sample locations shown.

TITLE:	**Site Photographs**		
LOCATION:	**Highgrove Properties** **Highgrove, Riverside County, California**		
TETRA TECH	CHECKED:	D.McAlister	Figure: A-3
	DRAFTED:		
	PROJ.:		
	DATE:	7/24/2012	

Photo P-7 - Viewing northeast from western property boundary of Highgrove C. Sample locations shown.

Photo P-8 – One of several concrete pipes extending into the subsurface. Likely associated with a former irrigation system.

TITLE:	**Site Photographs**		
LOCATION:	**Highgrove Properties** **Highgrove, Riverside County, California**		
TETRA TECH	CHECKED:	D.McAlister	Figure: A-4
	DRAFTED:		
	PROJ.:		
	DATE:	7/24/2012	

Photo P-9 – View down one of several concrete pipes extending into the subsurface.

Photo P-10 – Several concrete pipes extending into the subsurface noted along the footpath extending from west to east. Likely associated with a former irrigation system.

TITLE:	**Site Photographs**		
LOCATION:	**Highgrove Properties** **Highgrove, Riverside County, California**		
TETRA TECH	CHECKED:	D.McAlister	Figure: A-5
	DRAFTED:		
	PROJ.:		
	DATE:	7/24/2012	

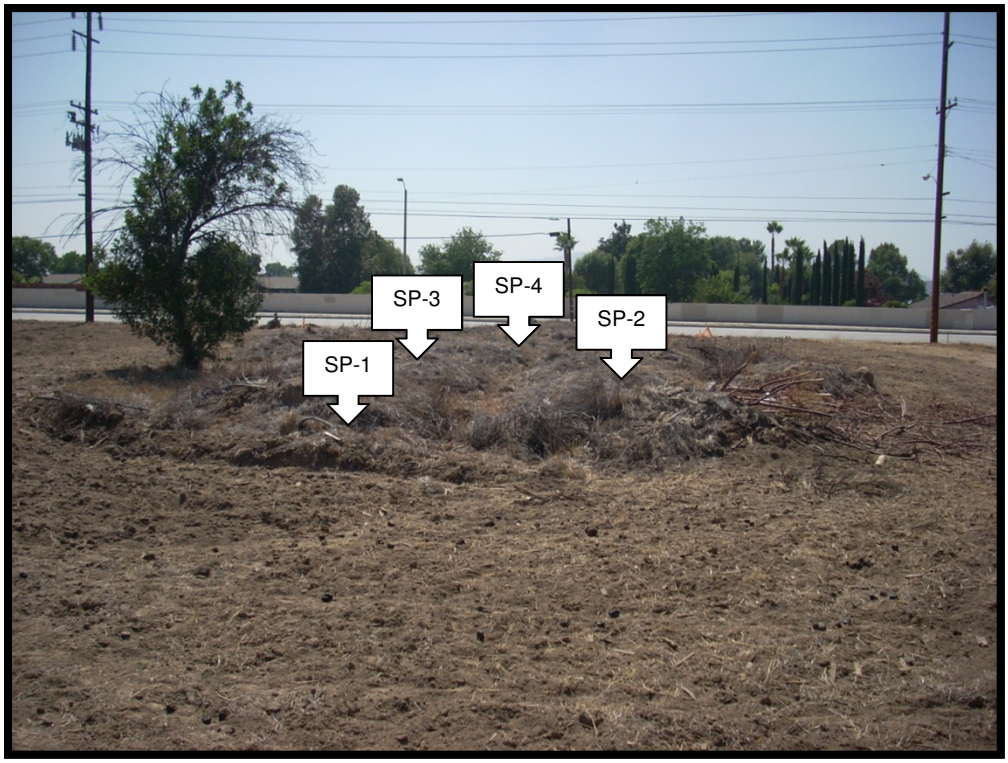


Photo P-11 – View looking southwest at soil stockpile located in northwest corner of Highgrove B. Sample locations shown.

Photo P-12 – View looking south of soil stockpile located in northwest corner of Highgrove B. Sample locations shown.

TITLE: **Site Photographs**

LOCATION: **Highgrove Properties**
Highgrove, Riverside County, California

TETRA TECH

CHECKED:	D.McAlister
DRAFTED:	
PROJ.:	
DATE:	7/24/2012

Figure: A-6

Photo P-13 – View looking southeast at soil stockpile in the northern-central portion of Highgrove B. Sample location shown.

Photo P-14 – View looking west of soil stockpile in southwest corner of Highgrove C. Sample location shown.

TITLE:	**Site Photographs**		
LOCATION:	**Highgrove Properties** **Highgrove, Riverside County, California**		
TETRA TECH	CHECKED:	D.McAlister	Figure: A-7
	DRAFTED:		
	PROJ.:		
	DATE:	7/24/2012	

APPENDIX B

LABORATORY ANALYTICAL AND CHAIN OF CUSTODY FORMS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

TestAmerica Job ID: 440-18184-1
Client Project/Site: Foremost Highgrove
Revision: 1

For:
Tetra Tech GEO
17885 Von Karman Ave
Suite 500
Irvine, California 92614

Attn: Dave McAlister

Authorized for release by:
8/7/2012 8:35:50 AM

Patty Mata
Project Manager I
patty.mata@testamericainc.com

Table of Contents

Sample Summary

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18184-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-18184-1	A-1	Solid	07/24/12 09:15	07/24/12 13:55
440-18184-2	A-2	Solid	07/24/12 09:30	07/24/12 13:55
440-18184-3	A-3	Solid	07/24/12 09:45	07/24/12 13:55
440-18184-4	A-4	Solid	07/24/12 09:50	07/24/12 13:55
440-18184-5	B-1	Solid	07/24/12 10:00	07/24/12 13:55
440-18184-6	B-2	Solid	07/24/12 10:10	07/24/12 13:55
440-18184-7	B-3	Solid	07/24/12 10:20	07/24/12 13:55
440-18184-8	B-4	Solid	07/24/12 10:30	07/24/12 13:55
440-18184-9	C-1	Solid	07/24/12 10:40	07/24/12 13:55
440-18184-10	C-2	Solid	07/24/12 10:45	07/24/12 13:55
440-18184-11	C-3	Solid	07/24/12 10:50	07/24/12 13:55
440-18184-12	C-4	Solid	07/24/12 10:55	07/24/12 13:55
440-18184-13	C-5	Solid	07/24/12 11:00	07/24/12 13:55
440-18184-14	C-6	Solid	07/24/12 11:05	07/24/12 13:55
440-18184-15	C-7	Solid	07/24/12 11:10	07/24/12 13:55
440-18184-16	C-8	Solid	07/24/12 11:15	07/24/12 13:55
440-18184-17	C-9	Solid	07/24/12 11:20	07/24/12 13:55

Job ID: 440-18184-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-18184-1

Comments
This report was revised to show EPA 8081 Pesticide results down to MDL levels.

Receipt
The samples were received on 7/24/2012 1:55 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 9.2º C.

GC Semi VOA
Method 8081A: Due to the level of dilution required for the following samples, surrogate recoveries do not provide useful information: A-2 (440-18184-2), A-3 (440-18184-3).

Method 8081A: Matrix spikes for batch 9117 could not be recovered due to sample matrix interferences which required sample dilution. The associated laboratory control sample (LCS) met acceptance criteria.

No other analytical or quality issues were noted.

Metals
Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 440-40886 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

Subcontract Lab
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18184-1

Client Sample ID: A-1
Date Collected: 07/24/12 09:15
Date Received: 07/24/12 13:55

Lab Sample ID: 440-18184-1
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.0085	0.0015	mg/Kg		07/30/12 13:14	07/31/12 18:05	5
alpha-BHC	ND		0.0085	0.0010	mg/Kg		07/30/12 13:14	07/31/12 18:05	5
alpha-Chlordane	ND		0.0085	0.0021	mg/Kg		07/30/12 13:14	07/31/12 18:05	5
beta-BHC	ND		0.016	0.010	mg/Kg		07/30/12 13:14	07/31/12 18:05	5
Chlordane (technical)	ND		0.33	0.18	mg/Kg		07/30/12 13:14	07/31/12 18:05	5
4,4'-DDD	ND		0.0085	0.0021	mg/Kg		07/30/12 13:14	07/31/12 18:05	5
4,4'-DDE	**0.064**		0.0085	0.0025	mg/Kg		07/30/12 13:14	07/31/12 18:05	5
4,4'-DDT	**0.015**		0.0085	0.0042	mg/Kg		07/30/12 13:14	07/31/12 18:05	5
delta-BHC	ND		0.0085	0.0019	mg/Kg		07/30/12 13:14	07/31/12 18:05	5
Dieldrin	ND		0.0085	0.0020	mg/Kg		07/30/12 13:14	07/31/12 18:05	5
Endosulfan I	ND		0.0085	0.0023	mg/Kg		07/30/12 13:14	07/31/12 18:05	5
Endosulfan II	ND		0.0085	0.0027	mg/Kg		07/30/12 13:14	07/31/12 18:05	5
Endosulfan sulfate	ND		0.0085	0.0025	mg/Kg		07/30/12 13:14	07/31/12 18:05	5
Endrin	ND		0.0085	0.0021	mg/Kg		07/30/12 13:14	07/31/12 18:05	5
Endrin aldehyde	ND		0.0085	0.0025	mg/Kg		07/30/12 13:14	07/31/12 18:05	5
Endrin ketone	ND		0.0085	0.0029	mg/Kg		07/30/12 13:14	07/31/12 18:05	5
gamma-BHC (Lindane)	ND		0.0085	0.0019	mg/Kg		07/30/12 13:14	07/31/12 18:05	5
gamma-Chlordane	ND		0.0085	0.0039	mg/Kg		07/30/12 13:14	07/31/12 18:05	5
Heptachlor	ND		0.0085	0.0021	mg/Kg		07/30/12 13:14	07/31/12 18:05	5
Heptachlor epoxide	ND		0.0085	0.0032	mg/Kg		07/30/12 13:14	07/31/12 18:05	5
Methoxychlor	ND		0.016	0.0024	mg/Kg		07/30/12 13:14	07/31/12 18:05	5
Toxaphene	ND		0.33	0.21	mg/Kg		07/30/12 13:14	07/31/12 18:05	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*71*		*25 - 150*	*07/30/12 13:14*	*07/31/12 18:05*	*5*
Tetrachloro-m-xylene	*83*		*21 - 145*	*07/30/12 13:14*	*07/31/12 18:05*	*5*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg		07/25/12 11:21	07/25/12 19:11	5
Arsenic	**2.7**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:11	5
Barium	**150**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:11	5
Beryllium	ND		0.50		mg/Kg		07/25/12 11:21	07/25/12 19:11	5
Cadmium	**0.71**		0.50		mg/Kg		07/25/12 11:21	07/25/12 19:11	5
Chromium	**15**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:11	5
Cobalt	**6.3**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:11	5
Copper	**20**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:11	5
Lead	**9.9**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:11	5
Molybdenum	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:11	5
Nickel	**8.9**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:11	5
Selenium	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:11	5
Silver	**1.8**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:11	5
Thallium	ND		10		mg/Kg		07/25/12 11:21	07/25/12 19:11	5
Vanadium	**32**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:11	5
Zinc	**190**		5.0		mg/Kg		07/25/12 11:21	07/25/12 19:11	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020		mg/Kg		07/24/12 20:20	07/25/12 14:11	1

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18184-1

Client Sample ID: A-2
Date Collected: 07/24/12 09:30
Date Received: 07/24/12 13:55

Lab Sample ID: 440-18184-2
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.085	0.015	mg/Kg		07/30/12 13:14	07/31/12 21:09	50
alpha-BHC	ND		0.085	0.010	mg/Kg		07/30/12 13:14	07/31/12 21:09	50
alpha-Chlordane	ND		0.085	0.021	mg/Kg		07/30/12 13:14	07/31/12 21:09	50
beta-BHC	ND		0.16	0.10	mg/Kg		07/30/12 13:14	07/31/12 21:09	50
Chlordane (technical)	ND		3.3	1.8	mg/Kg		07/30/12 13:14	07/31/12 21:09	50
4,4'-DDD	ND		0.085	0.021	mg/Kg		07/30/12 13:14	08/06/12 12:09	50
4,4'-DDE	**0.93**		0.085	0.025	mg/Kg		07/30/12 13:14	07/31/12 21:09	50
4,4'-DDT	**0.17**		0.085	0.042	mg/Kg		07/30/12 13:14	07/31/12 21:09	50
delta-BHC	ND		0.085	0.019	mg/Kg		07/30/12 13:14	07/31/12 21:09	50
Dieldrin	ND		0.085	0.020	mg/Kg		07/30/12 13:14	07/31/12 21:09	50
Endosulfan I	ND		0.085	0.023	mg/Kg		07/30/12 13:14	07/31/12 21:09	50
Endosulfan II	ND		0.085	0.027	mg/Kg		07/30/12 13:14	07/31/12 21:09	50
Endosulfan sulfate	ND		0.085	0.025	mg/Kg		07/30/12 13:14	07/31/12 21:09	50
Endrin	ND		0.085	0.021	mg/Kg		07/30/12 13:14	07/31/12 21:09	50
Endrin aldehyde	ND		0.085	0.025	mg/Kg		07/30/12 13:14	07/31/12 21:09	50
Endrin ketone	ND		0.085	0.029	mg/Kg		07/30/12 13:14	07/31/12 21:09	50
gamma-BHC (Lindane)	ND		0.085	0.019	mg/Kg		07/30/12 13:14	07/31/12 21:09	50
gamma-Chlordane	ND		0.085	0.039	mg/Kg		07/30/12 13:14	07/31/12 21:09	50
Heptachlor	ND		0.085	0.021	mg/Kg		07/30/12 13:14	07/31/12 21:09	50
Heptachlor epoxide	ND		0.085	0.032	mg/Kg		07/30/12 13:14	07/31/12 21:09	50
Methoxychlor	ND		0.16	0.024	mg/Kg		07/30/12 13:14	07/31/12 21:09	50
Toxaphene	ND		3.3	2.1	mg/Kg		07/30/12 13:14	07/31/12 21:09	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*64*		*25 - 150*	*07/30/12 13:14*	*07/31/12 21:09*	*50*
Tetrachloro-m-xylene	*81*		*21 - 145*	*07/30/12 13:14*	*07/31/12 21:09*	*50*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg		07/25/12 11:21	07/25/12 19:17	5
Arsenic	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:17	5
Barium	**96**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:17	5
Beryllium	ND		0.50		mg/Kg		07/25/12 11:21	07/25/12 19:17	5
Cadmium	**0.71**		0.50		mg/Kg		07/25/12 11:21	07/25/12 19:17	5
Chromium	**14**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:17	5
Cobalt	**5.3**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:17	5
Copper	**59**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:17	5
Lead	**22**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:17	5
Molybdenum	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:17	5
Nickel	**7.4**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:17	5
Selenium	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:17	5
Silver	**1.5**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:17	5
Thallium	ND		10		mg/Kg		07/25/12 11:21	07/25/12 19:17	5
Vanadium	**26**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:17	5
Zinc	**160**		5.0		mg/Kg		07/25/12 11:21	07/25/12 19:17	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.054**		0.020		mg/Kg		07/24/12 20:20	07/25/12 14:26	1

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18184-1

Client Sample ID: A-3
Date Collected: 07/24/12 09:45
Date Received: 07/24/12 13:55

Lab Sample ID: 440-18184-3
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.085	0.015	mg/Kg		07/30/12 13:14	07/31/12 21:23	50
alpha-BHC	ND		0.085	0.010	mg/Kg		07/30/12 13:14	07/31/12 21:23	50
alpha-Chlordane	ND		0.085	0.021	mg/Kg		07/30/12 13:14	07/31/12 21:23	50
beta-BHC	ND		0.16	0.10	mg/Kg		07/30/12 13:14	07/31/12 21:23	50
Chlordane (technical)	ND		3.3	1.8	mg/Kg		07/30/12 13:14	07/31/12 21:23	50
4,4'-DDD	ND		0.085	0.021	mg/Kg		07/30/12 13:14	08/06/12 12:23	50
4,4'-DDE	**0.84**		0.085	0.025	mg/Kg		07/30/12 13:14	07/31/12 21:23	50
4,4'-DDT	**0.13**		0.085	0.042	mg/Kg		07/30/12 13:14	07/31/12 21:23	50
delta-BHC	ND		0.085	0.019	mg/Kg		07/30/12 13:14	07/31/12 21:23	50
Dieldrin	ND		0.085	0.020	mg/Kg		07/30/12 13:14	07/31/12 21:23	50
Endosulfan I	ND		0.085	0.023	mg/Kg		07/30/12 13:14	07/31/12 21:23	50
Endosulfan II	ND		0.085	0.027	mg/Kg		07/30/12 13:14	07/31/12 21:23	50
Endosulfan sulfate	ND		0.085	0.025	mg/Kg		07/30/12 13:14	07/31/12 21:23	50
Endrin	ND		0.085	0.021	mg/Kg		07/30/12 13:14	07/31/12 21:23	50
Endrin aldehyde	ND		0.085	0.025	mg/Kg		07/30/12 13:14	07/31/12 21:23	50
Endrin ketone	ND		0.085	0.029	mg/Kg		07/30/12 13:14	07/31/12 21:23	50
gamma-BHC (Lindane)	ND		0.085	0.019	mg/Kg		07/30/12 13:14	07/31/12 21:23	50
gamma-Chlordane	ND		0.085	0.039	mg/Kg		07/30/12 13:14	07/31/12 21:23	50
Heptachlor	ND		0.085	0.021	mg/Kg		07/30/12 13:14	07/31/12 21:23	50
Heptachlor epoxide	ND		0.085	0.032	mg/Kg		07/30/12 13:14	07/31/12 21:23	50
Methoxychlor	ND		0.16	0.024	mg/Kg		07/30/12 13:14	07/31/12 21:23	50
Toxaphene	ND		3.3	2.1	mg/Kg		07/30/12 13:14	07/31/12 21:23	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*79*		*25 - 150*	*07/30/12 13:14*	*07/31/12 21:23*	*50*
Tetrachloro-m-xylene	*37*	*p*	*21 - 145*	*07/30/12 13:14*	*07/31/12 21:23*	*50*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.9		mg/Kg		07/25/12 11:21	07/25/12 19:19	5
Arsenic	**2.8**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:19	5
Barium	**100**		0.99		mg/Kg		07/25/12 11:21	07/25/12 19:19	5
Beryllium	ND		0.49		mg/Kg		07/25/12 11:21	07/25/12 19:19	5
Cadmium	**0.72**		0.49		mg/Kg		07/25/12 11:21	07/25/12 19:19	5
Chromium	**14**		0.99		mg/Kg		07/25/12 11:21	07/25/12 19:19	5
Cobalt	**4.9**		0.99		mg/Kg		07/25/12 11:21	07/25/12 19:19	5
Copper	**64**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:19	5
Lead	**32**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:19	5
Molybdenum	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:19	5
Nickel	**7.8**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:19	5
Selenium	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:19	5
Silver	**1.3**		0.99		mg/Kg		07/25/12 11:21	07/25/12 19:19	5
Thallium	ND		9.9		mg/Kg		07/25/12 11:21	07/25/12 19:19	5
Vanadium	**25**		0.99		mg/Kg		07/25/12 11:21	07/25/12 19:19	5
Zinc	**190**		4.9		mg/Kg		07/25/12 11:21	07/25/12 19:19	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.044**		0.020		mg/Kg		07/24/12 20:20	07/25/12 14:29	1

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18184-1

Client Sample ID: A-4
Date Collected: 07/24/12 09:50
Date Received: 07/24/12 13:55

Lab Sample ID: 440-18184-4
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.033	0.0061	mg/Kg		07/30/12 13:14	07/31/12 21:37	20
alpha-BHC	ND		0.033	0.0039	mg/Kg		07/30/12 13:14	07/31/12 21:37	20
alpha-Chlordane	ND		0.033	0.0085	mg/Kg		07/30/12 13:14	07/31/12 21:37	20
beta-BHC	ND		0.065	0.039	mg/Kg		07/30/12 13:14	07/31/12 21:37	20
Chlordane (technical)	ND		1.3	0.71	mg/Kg		07/30/12 13:14	07/31/12 21:37	20
4,4'-DDD	**0.014**	**J**	0.033	0.0085	mg/Kg		07/30/12 13:14	08/06/12 12:37	20
4,4'-DDE	**0.34**		0.033	0.0098	mg/Kg		07/30/12 13:14	07/31/12 21:37	20
4,4'-DDT	**0.14**		0.033	0.017	mg/Kg		07/30/12 13:14	07/31/12 21:37	20
delta-BHC	ND		0.033	0.0075	mg/Kg		07/30/12 13:14	07/31/12 21:37	20
Dieldrin	ND		0.033	0.0079	mg/Kg		07/30/12 13:14	07/31/12 21:37	20
Endosulfan I	ND		0.033	0.0092	mg/Kg		07/30/12 13:14	07/31/12 21:37	20
Endosulfan II	ND		0.033	0.011	mg/Kg		07/30/12 13:14	07/31/12 21:37	20
Endosulfan sulfate	ND		0.033	0.0098	mg/Kg		07/30/12 13:14	07/31/12 21:37	20
Endrin	ND		0.033	0.0085	mg/Kg		07/30/12 13:14	07/31/12 21:37	20
Endrin aldehyde	ND		0.033	0.010	mg/Kg		07/30/12 13:14	07/31/12 21:37	20
Endrin ketone	ND		0.033	0.012	mg/Kg		07/30/12 13:14	07/31/12 21:37	20
gamma-BHC (Lindane)	ND		0.033	0.0077	mg/Kg		07/30/12 13:14	07/31/12 21:37	20
gamma-Chlordane	ND		0.033	0.016	mg/Kg		07/30/12 13:14	07/31/12 21:37	20
Heptachlor	ND		0.033	0.0083	mg/Kg		07/30/12 13:14	07/31/12 21:37	20
Heptachlor epoxide	ND		0.033	0.013	mg/Kg		07/30/12 13:14	07/31/12 21:37	20
Methoxychlor	ND		0.065	0.0096	mg/Kg		07/30/12 13:14	07/31/12 21:37	20
Toxaphene	ND		1.3	0.83	mg/Kg		07/30/12 13:14	07/31/12 21:37	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*79*		*25 - 150*	*07/30/12 13:14*	*07/31/12 21:37*	*20*
Tetrachloro-m-xylene	*88*		*21 - 145*	*07/30/12 13:14*	*07/31/12 21:37*	*20*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.9		mg/Kg		07/25/12 11:21	07/25/12 19:26	5
Arsenic	**3.2**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:26	5
Barium	**87**		0.99		mg/Kg		07/25/12 11:21	07/25/12 19:26	5
Beryllium	ND		0.49		mg/Kg		07/25/12 11:21	07/25/12 19:26	5
Cadmium	**0.57**		0.49		mg/Kg		07/25/12 11:21	07/25/12 19:26	5
Chromium	**12**		0.99		mg/Kg		07/25/12 11:21	07/25/12 19:26	5
Cobalt	**4.5**		0.99		mg/Kg		07/25/12 11:21	07/25/12 19:26	5
Copper	**39**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:26	5
Lead	**15**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:26	5
Molybdenum	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:26	5
Nickel	**6.5**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:26	5
Selenium	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:26	5
Silver	**1.4**		0.99		mg/Kg		07/25/12 11:21	07/25/12 19:26	5
Thallium	ND		9.9		mg/Kg		07/25/12 11:21	07/25/12 19:26	5
Vanadium	**23**		0.99		mg/Kg		07/25/12 11:21	07/25/12 19:26	5
Zinc	**120**		4.9		mg/Kg		07/25/12 11:21	07/25/12 19:26	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.034**		0.020		mg/Kg		07/24/12 20:20	07/25/12 14:31	1

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18184-1

Client Sample ID: B-1
Date Collected: 07/24/12 10:00
Date Received: 07/24/12 13:55

Lab Sample ID: 440-18184-5
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.0067	0.0012	mg/Kg		07/30/12 13:14	07/31/12 18:19	4
alpha-BHC	ND		0.0067	0.00079	mg/Kg		07/30/12 13:14	07/31/12 18:19	4
alpha-Chlordane	ND		0.0067	0.0017	mg/Kg		07/30/12 13:14	07/31/12 18:19	4
beta-BHC	ND		0.013	0.0079	mg/Kg		07/30/12 13:14	07/31/12 18:19	4
Chlordane (technical)	ND		0.26	0.14	mg/Kg		07/30/12 13:14	07/31/12 18:19	4
4,4'-DDD	ND		0.0067	0.0017	mg/Kg		07/30/12 13:14	07/31/12 18:19	4
4,4'-DDE	**0.034**		0.0067	0.0020	mg/Kg		07/30/12 13:14	07/31/12 18:19	4
4,4'-DDT	ND		0.0067	0.0034	mg/Kg		07/30/12 13:14	07/31/12 18:19	4
delta-BHC	ND		0.0067	0.0015	mg/Kg		07/30/12 13:14	07/31/12 18:19	4
Dieldrin	**0.013**		0.0067	0.0016	mg/Kg		07/30/12 13:14	07/31/12 18:19	4
Endosulfan I	ND		0.0067	0.0019	mg/Kg		07/30/12 13:14	07/31/12 18:19	4
Endosulfan II	ND		0.0067	0.0022	mg/Kg		07/30/12 13:14	07/31/12 18:19	4
Endosulfan sulfate	ND		0.0067	0.0020	mg/Kg		07/30/12 13:14	07/31/12 18:19	4
Endrin	ND		0.0067	0.0017	mg/Kg		07/30/12 13:14	07/31/12 18:19	4
Endrin aldehyde	ND		0.0067	0.0020	mg/Kg		07/30/12 13:14	07/31/12 18:19	4
Endrin ketone	ND		0.0067	0.0023	mg/Kg		07/30/12 13:14	07/31/12 18:19	4
gamma-BHC (Lindane)	ND		0.0067	0.0015	mg/Kg		07/30/12 13:14	07/31/12 18:19	4
gamma-Chlordane	ND		0.0067	0.0031	mg/Kg		07/30/12 13:14	07/31/12 18:19	4
Heptachlor	ND		0.0067	0.0017	mg/Kg		07/30/12 13:14	07/31/12 18:19	4
Heptachlor epoxide	ND		0.0067	0.0026	mg/Kg		07/30/12 13:14	07/31/12 18:19	4
Methoxychlor	ND		0.013	0.0019	mg/Kg		07/30/12 13:14	07/31/12 18:19	4
Toxaphene	ND		0.26	0.17	mg/Kg		07/30/12 13:14	07/31/12 18:19	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*78*		*25 - 150*	*07/30/12 13:14*	*07/31/12 18:19*	*4*
Tetrachloro-m-xylene	*90*		*21 - 145*	*07/30/12 13:14*	*07/31/12 18:19*	*4*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg		07/25/12 11:21	07/25/12 19:28	5
Arsenic	**2.8**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:28	5
Barium	**110**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:28	5
Beryllium	ND		0.50		mg/Kg		07/25/12 11:21	07/25/12 19:28	5
Cadmium	**0.54**		0.50		mg/Kg		07/25/12 11:21	07/25/12 19:28	5
Chromium	**14**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:28	5
Cobalt	**5.9**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:28	5
Copper	**13**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:28	5
Lead	**8.7**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:28	5
Molybdenum	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:28	5
Nickel	**7.7**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:28	5
Selenium	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:28	5
Silver	**1.6**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:28	5
Thallium	ND		10		mg/Kg		07/25/12 11:21	07/25/12 19:28	5
Vanadium	**29**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:28	5
Zinc	**59**		5.0		mg/Kg		07/25/12 11:21	07/25/12 19:28	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.023**		0.020		mg/Kg		07/24/12 20:20	07/25/12 14:34	1

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18184-1

Client Sample ID: B-2
Date Collected: 07/24/12 10:10
Date Received: 07/24/12 13:55

Lab Sample ID: 440-18184-6
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.034	0.0062	mg/Kg		07/30/12 13:14	07/31/12 21:52	20
alpha-BHC	ND		0.034	0.0040	mg/Kg		07/30/12 13:14	07/31/12 21:52	20
alpha-Chlordane	ND		0.034	0.0086	mg/Kg		07/30/12 13:14	07/31/12 21:52	20
beta-BHC	ND		0.066	0.040	mg/Kg		07/30/12 13:14	07/31/12 21:52	20
Chlordane (technical)	ND		1.3	0.73	mg/Kg		07/30/12 13:14	07/31/12 21:52	20
4,4'-DDD	ND		0.034	0.0086	mg/Kg		07/30/12 13:14	07/31/12 21:52	20
4,4'-DDE	**0.46**		0.034	0.010	mg/Kg		07/30/12 13:14	07/31/12 21:52	20
4,4'-DDT	**0.029**	**J**	0.034	0.017	mg/Kg		07/30/12 13:14	07/31/12 21:52	20
delta-BHC	ND		0.034	0.0076	mg/Kg		07/30/12 13:14	07/31/12 21:52	20
Dieldrin	ND		0.034	0.0080	mg/Kg		07/30/12 13:14	07/31/12 21:52	20
Endosulfan I	ND		0.034	0.0094	mg/Kg		07/30/12 13:14	07/31/12 21:52	20
Endosulfan II	ND		0.034	0.011	mg/Kg		07/30/12 13:14	07/31/12 21:52	20
Endosulfan sulfate	ND		0.034	0.010	mg/Kg		07/30/12 13:14	07/31/12 21:52	20
Endrin	ND		0.034	0.0086	mg/Kg		07/30/12 13:14	07/31/12 21:52	20
Endrin aldehyde	ND		0.034	0.010	mg/Kg		07/30/12 13:14	07/31/12 21:52	20
Endrin ketone	ND		0.034	0.012	mg/Kg		07/30/12 13:14	07/31/12 21:52	20
gamma-BHC (Lindane)	ND		0.034	0.0078	mg/Kg		07/30/12 13:14	07/31/12 21:52	20
gamma-Chlordane	ND		0.034	0.016	mg/Kg		07/30/12 13:14	07/31/12 21:52	20
Heptachlor	ND		0.034	0.0084	mg/Kg		07/30/12 13:14	07/31/12 21:52	20
Heptachlor epoxide	ND		0.034	0.013	mg/Kg		07/30/12 13:14	07/31/12 21:52	20
Methoxychlor	ND		0.066	0.0098	mg/Kg		07/30/12 13:14	07/31/12 21:52	20
Toxaphene	ND		1.3	0.84	mg/Kg		07/30/12 13:14	07/31/12 21:52	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*80*		*25 - 150*	*07/30/12 13:14*	*07/31/12 21:52*	*20*
Tetrachloro-m-xylene	*91*		*21 - 145*	*07/30/12 13:14*	*07/31/12 21:52*	*20*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg		07/25/12 11:21	07/25/12 19:30	5
Arsenic	**2.3**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:30	5
Barium	**110**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:30	5
Beryllium	ND		0.50		mg/Kg		07/25/12 11:21	07/25/12 19:30	5
Cadmium	**0.65**		0.50		mg/Kg		07/25/12 11:21	07/25/12 19:30	5
Chromium	**13**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:30	5
Cobalt	**5.1**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:30	5
Copper	**27**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:30	5
Lead	**14**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:30	5
Molybdenum	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:30	5
Nickel	**6.9**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:30	5
Selenium	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:30	5
Silver	**1.4**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:30	5
Thallium	ND		10		mg/Kg		07/25/12 11:21	07/25/12 19:30	5
Vanadium	**25**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:30	5
Zinc	**98**		5.0		mg/Kg		07/25/12 11:21	07/25/12 19:30	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.032**		0.020		mg/Kg		07/24/12 20:20	07/25/12 14:36	1

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18184-1

Client Sample ID: B-3
Date Collected: 07/24/12 10:20
Date Received: 07/24/12 13:55

Lab Sample ID: 440-18184-7
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.017	0.0031	mg/Kg		07/30/12 13:14	07/31/12 22:06	10
alpha-BHC	ND		0.017	0.0020	mg/Kg		07/30/12 13:14	07/31/12 22:06	10
alpha-Chlordane	ND		0.017	0.0043	mg/Kg		07/30/12 13:14	07/31/12 22:06	10
beta-BHC	ND		0.033	0.020	mg/Kg		07/30/12 13:14	07/31/12 22:06	10
Chlordane (technical)	ND		0.66	0.36	mg/Kg		07/30/12 13:14	07/31/12 22:06	10
4,4'-DDD	ND		0.017	0.0043	mg/Kg		07/30/12 13:14	07/31/12 22:06	10
4,4'-DDE	**0.12**		0.017	0.0050	mg/Kg		07/30/12 13:14	07/31/12 22:06	10
4,4'-DDT	ND		0.017	0.0084	mg/Kg		07/30/12 13:14	07/31/12 22:06	10
delta-BHC	ND		0.017	0.0038	mg/Kg		07/30/12 13:14	07/31/12 22:06	10
Dieldrin	ND		0.017	0.0040	mg/Kg		07/30/12 13:14	07/31/12 22:06	10
Endosulfan I	ND		0.017	0.0047	mg/Kg		07/30/12 13:14	07/31/12 22:06	10
Endosulfan II	ND		0.017	0.0055	mg/Kg		07/30/12 13:14	07/31/12 22:06	10
Endosulfan sulfate	ND		0.017	0.0050	mg/Kg		07/30/12 13:14	07/31/12 22:06	10
Endrin	ND		0.017	0.0043	mg/Kg		07/30/12 13:14	07/31/12 22:06	10
Endrin aldehyde	ND		0.017	0.0051	mg/Kg		07/30/12 13:14	07/31/12 22:06	10
Endrin ketone	ND		0.017	0.0058	mg/Kg		07/30/12 13:14	07/31/12 22:06	10
gamma-BHC (Lindane)	ND		0.017	0.0039	mg/Kg		07/30/12 13:14	07/31/12 22:06	10
gamma-Chlordane	ND		0.017	0.0078	mg/Kg		07/30/12 13:14	07/31/12 22:06	10
Heptachlor	ND		0.017	0.0042	mg/Kg		07/30/12 13:14	07/31/12 22:06	10
Heptachlor epoxide	ND		0.017	0.0064	mg/Kg		07/30/12 13:14	07/31/12 22:06	10
Methoxychlor	ND		0.033	0.0049	mg/Kg		07/30/12 13:14	07/31/12 22:06	10
Toxaphene	ND		0.66	0.42	mg/Kg		07/30/12 13:14	07/31/12 22:06	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*93*		*25 - 150*	*07/30/12 13:14*	*07/31/12 22:06*	*10*
Tetrachloro-m-xylene	*97*		*21 - 145*	*07/30/12 13:14*	*07/31/12 22:06*	*10*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg		07/25/12 11:21	07/25/12 19:31	5
Arsenic	**2.3**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:31	5
Barium	**110**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:31	5
Beryllium	ND		0.50		mg/Kg		07/25/12 11:21	07/25/12 19:31	5
Cadmium	ND		0.50		mg/Kg		07/25/12 11:21	07/25/12 19:31	5
Chromium	**11**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:31	5
Cobalt	**5.0**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:31	5
Copper	**13**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:31	5
Lead	**8.7**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:31	5
Molybdenum	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:31	5
Nickel	**5.9**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:31	5
Selenium	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:31	5
Silver	**1.4**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:31	5
Thallium	ND		10		mg/Kg		07/25/12 11:21	07/25/12 19:31	5
Vanadium	**24**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:31	5
Zinc	**53**		5.0		mg/Kg		07/25/12 11:21	07/25/12 19:31	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020		mg/Kg		07/24/12 20:20	07/25/12 14:39	1

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18184-1

Client Sample ID: B-4
Date Collected: 07/24/12 10:30
Date Received: 07/24/12 13:55

Lab Sample ID: 440-18184-8
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.0017	0.00031	mg/Kg		07/30/12 13:14	07/31/12 18:33	1
alpha-BHC	ND		0.0017	0.00020	mg/Kg		07/30/12 13:14	07/31/12 18:33	1
alpha-Chlordane	ND		0.0017	0.00043	mg/Kg		07/30/12 13:14	07/31/12 18:33	1
beta-BHC	ND		0.0033	0.0020	mg/Kg		07/30/12 13:14	07/31/12 18:33	1
Chlordane (technical)	ND		0.067	0.036	mg/Kg		07/30/12 13:14	07/31/12 18:33	1
4,4'-DDD	ND		0.0017	0.00043	mg/Kg		07/30/12 13:14	07/31/12 18:33	1
4,4'-DDE	**0.00089**	**J**	0.0017	0.00050	mg/Kg		07/30/12 13:14	07/31/12 18:33	1
4,4'-DDT	ND		0.0017	0.00085	mg/Kg		07/30/12 13:14	07/31/12 18:33	1
delta-BHC	ND		0.0017	0.00038	mg/Kg		07/30/12 13:14	07/31/12 18:33	1
Dieldrin	ND		0.0017	0.00040	mg/Kg		07/30/12 13:14	07/31/12 18:33	1
Endosulfan I	ND		0.0017	0.00047	mg/Kg		07/30/12 13:14	07/31/12 18:33	1
Endosulfan II	ND		0.0017	0.00055	mg/Kg		07/30/12 13:14	07/31/12 18:33	1
Endosulfan sulfate	ND		0.0017	0.00050	mg/Kg		07/30/12 13:14	07/31/12 18:33	1
Endrin	ND		0.0017	0.00043	mg/Kg		07/30/12 13:14	07/31/12 18:33	1
Endrin aldehyde	ND		0.0017	0.00051	mg/Kg		07/30/12 13:14	07/31/12 18:33	1
Endrin ketone	ND		0.0017	0.00059	mg/Kg		07/30/12 13:14	07/31/12 18:33	1
gamma-BHC (Lindane)	ND		0.0017	0.00039	mg/Kg		07/30/12 13:14	07/31/12 18:33	1
gamma-Chlordane	ND		0.0017	0.00079	mg/Kg		07/30/12 13:14	07/31/12 18:33	1
Heptachlor	ND		0.0017	0.00042	mg/Kg		07/30/12 13:14	07/31/12 18:33	1
Heptachlor epoxide	ND		0.0017	0.00065	mg/Kg		07/30/12 13:14	07/31/12 18:33	1
Methoxychlor	ND		0.0033	0.00049	mg/Kg		07/30/12 13:14	07/31/12 18:33	1
Toxaphene	ND		0.067	0.042	mg/Kg		07/30/12 13:14	07/31/12 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*74*		*25 - 150*	*07/30/12 13:14*	*07/31/12 18:33*	*1*
Tetrachloro-m-xylene	*84*		*21 - 145*	*07/30/12 13:14*	*07/31/12 18:33*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.8		mg/Kg		07/25/12 11:21	07/25/12 19:33	5
Arsenic	**3.3**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:33	5
Barium	**120**		0.98		mg/Kg		07/25/12 11:21	07/25/12 19:33	5
Beryllium	ND		0.49		mg/Kg		07/25/12 11:21	07/25/12 19:33	5
Cadmium	**0.59**		0.49		mg/Kg		07/25/12 11:21	07/25/12 19:33	5
Chromium	**12**		0.98		mg/Kg		07/25/12 11:21	07/25/12 19:33	5
Cobalt	**6.9**		0.98		mg/Kg		07/25/12 11:21	07/25/12 19:33	5
Copper	**10**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:33	5
Lead	**5.4**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:33	5
Molybdenum	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:33	5
Nickel	**6.3**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:33	5
Selenium	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:33	5
Silver	**1.8**		0.98		mg/Kg		07/25/12 11:21	07/25/12 19:33	5
Thallium	ND		9.8		mg/Kg		07/25/12 11:21	07/25/12 19:33	5
Vanadium	**35**		0.98		mg/Kg		07/25/12 11:21	07/25/12 19:33	5
Zinc	**46**		4.9		mg/Kg		07/25/12 11:21	07/25/12 19:33	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020		mg/Kg		07/24/12 20:20	07/25/12 14:41	1

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18184-1

Client Sample ID: C-1
Date Collected: 07/24/12 10:40
Date Received: 07/24/12 13:55

Lab Sample ID: 440-18184-9
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.0017	0.00030	mg/Kg		07/30/12 13:14	07/31/12 18:47	1
alpha-BHC	ND		0.0017	0.00020	mg/Kg		07/30/12 13:14	07/31/12 18:47	1
alpha-Chlordane	ND		0.0017	0.00042	mg/Kg		07/30/12 13:14	07/31/12 18:47	1
beta-BHC	ND		0.0032	0.0020	mg/Kg		07/30/12 13:14	07/31/12 18:47	1
Chlordane (technical)	ND		0.065	0.036	mg/Kg		07/30/12 13:14	07/31/12 18:47	1
4,4'-DDD	**0.0012**	**J**	0.0017	0.00042	mg/Kg		07/30/12 13:14	07/31/12 18:47	1
4,4'-DDE	**0.012**		0.0017	0.00049	mg/Kg		07/30/12 13:14	07/31/12 18:47	1
4,4'-DDT	**0.0050**		0.0017	0.00083	mg/Kg		07/30/12 13:14	07/31/12 18:47	1
delta-BHC	ND		0.0017	0.00037	mg/Kg		07/30/12 13:14	07/31/12 18:47	1
Dieldrin	**0.0052**		0.0017	0.00039	mg/Kg		07/30/12 13:14	07/31/12 18:47	1
Endosulfan I	ND		0.0017	0.00046	mg/Kg		07/30/12 13:14	07/31/12 18:47	1
Endosulfan II	ND		0.0017	0.00054	mg/Kg		07/30/12 13:14	07/31/12 18:47	1
Endosulfan sulfate	ND		0.0017	0.00049	mg/Kg		07/30/12 13:14	07/31/12 18:47	1
Endrin	ND		0.0017	0.00042	mg/Kg		07/30/12 13:14	07/31/12 18:47	1
Endrin aldehyde	ND		0.0017	0.00050	mg/Kg		07/30/12 13:14	07/31/12 18:47	1
Endrin ketone	ND		0.0017	0.00058	mg/Kg		07/30/12 13:14	07/31/12 18:47	1
gamma-BHC (Lindane)	ND		0.0017	0.00038	mg/Kg		07/30/12 13:14	07/31/12 18:47	1
gamma-Chlordane	ND		0.0017	0.00077	mg/Kg		07/30/12 13:14	07/31/12 18:47	1
Heptachlor	ND		0.0017	0.00041	mg/Kg		07/30/12 13:14	07/31/12 18:47	1
Heptachlor epoxide	ND		0.0017	0.00064	mg/Kg		07/30/12 13:14	07/31/12 18:47	1
Methoxychlor	ND		0.0032	0.00048	mg/Kg		07/30/12 13:14	07/31/12 18:47	1
Toxaphene	ND		0.065	0.041	mg/Kg		07/30/12 13:14	07/31/12 18:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*55*		*25 - 150*	*07/30/12 13:14*	*07/31/12 18:47*	*1*
Tetrachloro-m-xylene	*85*		*21 - 145*	*07/30/12 13:14*	*07/31/12 18:47*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.8		mg/Kg		07/25/12 11:21	07/25/12 19:35	5
Arsenic	**3.5**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:35	5
Barium	**260**		0.98		mg/Kg		07/25/12 11:21	07/25/12 19:35	5
Beryllium	ND		0.49		mg/Kg		07/25/12 11:21	07/25/12 19:35	5
Cadmium	**0.74**		0.49		mg/Kg		07/25/12 11:21	07/25/12 19:35	5
Chromium	**13**		0.98		mg/Kg		07/25/12 11:21	07/25/12 19:35	5
Cobalt	**6.6**		0.98		mg/Kg		07/25/12 11:21	07/25/12 19:35	5
Copper	**9.4**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:35	5
Lead	**5.8**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:35	5
Molybdenum	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:35	5
Nickel	**6.7**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:35	5
Selenium	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:35	5
Silver	**2.3**		0.98		mg/Kg		07/25/12 11:21	07/25/12 19:35	5
Thallium	ND		9.8		mg/Kg		07/25/12 11:21	07/25/12 19:35	5
Vanadium	**35**		0.98		mg/Kg		07/25/12 11:21	07/25/12 19:35	5
Zinc	**100**		4.9		mg/Kg		07/25/12 11:21	07/25/12 19:35	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020		mg/Kg		07/24/12 20:20	07/25/12 14:44	1

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18184-1

Client Sample ID: C-2
Date Collected: 07/24/12 10:45
Date Received: 07/24/12 13:55

Lab Sample ID: 440-18184-10
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.033	0.0061	mg/Kg		07/30/12 13:14	07/31/12 22:20	20
alpha-BHC	ND		0.033	0.0039	mg/Kg		07/30/12 13:14	07/31/12 22:20	20
alpha-Chlordane	ND		0.033	0.0084	mg/Kg		07/30/12 13:14	07/31/12 22:20	20
beta-BHC	ND		0.065	0.039	mg/Kg		07/30/12 13:14	07/31/12 22:20	20
Chlordane (technical)	ND		1.3	0.71	mg/Kg		07/30/12 13:14	07/31/12 22:20	20
4,4'-DDD	**0.046**		0.033	0.0084	mg/Kg		07/30/12 13:14	08/01/12 12:29	20
4,4'-DDE	**0.47**		0.033	0.0098	mg/Kg		07/30/12 13:14	07/31/12 22:20	20
4,4'-DDT	**0.24**		0.033	0.017	mg/Kg		07/30/12 13:14	07/31/12 22:20	20
delta-BHC	ND		0.033	0.0074	mg/Kg		07/30/12 13:14	07/31/12 22:20	20
Dieldrin	ND		0.033	0.0078	mg/Kg		07/30/12 13:14	07/31/12 22:20	20
Endosulfan I	ND		0.033	0.0092	mg/Kg		07/30/12 13:14	07/31/12 22:20	20
Endosulfan II	ND		0.033	0.011	mg/Kg		07/30/12 13:14	07/31/12 22:20	20
Endosulfan sulfate	ND		0.033	0.0098	mg/Kg		07/30/12 13:14	07/31/12 22:20	20
Endrin	ND		0.033	0.0084	mg/Kg		07/30/12 13:14	07/31/12 22:20	20
Endrin aldehyde	ND		0.033	0.010	mg/Kg		07/30/12 13:14	07/31/12 22:20	20
Endrin ketone	ND		0.033	0.012	mg/Kg		07/30/12 13:14	07/31/12 22:20	20
gamma-BHC (Lindane)	ND		0.033	0.0076	mg/Kg		07/30/12 13:14	07/31/12 22:20	20
gamma-Chlordane	ND		0.033	0.015	mg/Kg		07/30/12 13:14	07/31/12 22:20	20
Heptachlor	ND		0.033	0.0082	mg/Kg		07/30/12 13:14	07/31/12 22:20	20
Heptachlor epoxide	ND		0.033	0.013	mg/Kg		07/30/12 13:14	07/31/12 22:20	20
Methoxychlor	ND		0.065	0.0096	mg/Kg		07/30/12 13:14	07/31/12 22:20	20
Toxaphene	ND		1.3	0.83	mg/Kg		07/30/12 13:14	07/31/12 22:20	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*86*		*25 - 150*	*07/30/12 13:14*	*07/31/12 22:20*	*20*
Tetrachloro-m-xylene	*95*		*21 - 145*	*07/30/12 13:14*	*07/31/12 22:20*	*20*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.9		mg/Kg		07/25/12 11:21	07/25/12 19:37	5
Arsenic	**2.2**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:37	5
Barium	**170**		0.99		mg/Kg		07/25/12 11:21	07/25/12 19:37	5
Beryllium	ND		0.50		mg/Kg		07/25/12 11:21	07/25/12 19:37	5
Cadmium	**0.75**		0.50		mg/Kg		07/25/12 11:21	07/25/12 19:37	5
Chromium	**10**		0.99		mg/Kg		07/25/12 11:21	07/25/12 19:37	5
Cobalt	**4.6**		0.99		mg/Kg		07/25/12 11:21	07/25/12 19:37	5
Copper	**43**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:37	5
Lead	**22**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:37	5
Molybdenum	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:37	5
Nickel	**5.1**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:37	5
Selenium	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:37	5
Silver	**1.7**		0.99		mg/Kg		07/25/12 11:21	07/25/12 19:37	5
Thallium	ND		9.9		mg/Kg		07/25/12 11:21	07/25/12 19:37	5
Vanadium	**24**		0.99		mg/Kg		07/25/12 11:21	07/25/12 19:37	5
Zinc	**190**		5.0		mg/Kg		07/25/12 11:21	07/25/12 19:37	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.034**		0.020		mg/Kg		07/24/12 20:20	07/25/12 14:47	1

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18184-1

Client Sample ID: C-3
Date Collected: 07/24/12 10:50
Date Received: 07/24/12 13:55

Lab Sample ID: 440-18184-11
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.017	0.0030	mg/Kg		07/30/12 13:14	07/31/12 22:34	10
alpha-BHC	ND		0.017	0.0020	mg/Kg		07/30/12 13:14	07/31/12 22:34	10
alpha-Chlordane	ND		0.017	0.0042	mg/Kg		07/30/12 13:14	07/31/12 22:34	10
beta-BHC	ND		0.032	0.020	mg/Kg		07/30/12 13:14	07/31/12 22:34	10
Chlordane (technical)	ND		0.65	0.35	mg/Kg		07/30/12 13:14	07/31/12 22:34	10
4,4'-DDD	**0.0066**	**J**	0.017	0.0042	mg/Kg		07/30/12 13:14	08/06/12 12:52	10
4,4'-DDE	**0.19**		0.017	0.0049	mg/Kg		07/30/12 13:14	07/31/12 22:34	10
4,4'-DDT	**0.073**		0.017	0.0083	mg/Kg		07/30/12 13:14	07/31/12 22:34	10
delta-BHC	ND		0.017	0.0037	mg/Kg		07/30/12 13:14	07/31/12 22:34	10
Dieldrin	ND		0.017	0.0039	mg/Kg		07/30/12 13:14	07/31/12 22:34	10
Endosulfan I	ND		0.017	0.0046	mg/Kg		07/30/12 13:14	07/31/12 22:34	10
Endosulfan II	ND		0.017	0.0054	mg/Kg		07/30/12 13:14	07/31/12 22:34	10
Endosulfan sulfate	ND		0.017	0.0049	mg/Kg		07/30/12 13:14	07/31/12 22:34	10
Endrin	ND		0.017	0.0042	mg/Kg		07/30/12 13:14	07/31/12 22:34	10
Endrin aldehyde	ND		0.017	0.0050	mg/Kg		07/30/12 13:14	07/31/12 22:34	10
Endrin ketone	ND		0.017	0.0058	mg/Kg		07/30/12 13:14	07/31/12 22:34	10
gamma-BHC (Lindane)	ND		0.017	0.0038	mg/Kg		07/30/12 13:14	07/31/12 22:34	10
gamma-Chlordane	ND		0.017	0.0077	mg/Kg		07/30/12 13:14	07/31/12 22:34	10
Heptachlor	ND		0.017	0.0041	mg/Kg		07/30/12 13:14	07/31/12 22:34	10
Heptachlor epoxide	ND		0.017	0.0063	mg/Kg		07/30/12 13:14	07/31/12 22:34	10
Methoxychlor	ND		0.032	0.0048	mg/Kg		07/30/12 13:14	07/31/12 22:34	10
Toxaphene	ND		0.65	0.41	mg/Kg		07/30/12 13:14	07/31/12 22:34	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*76*		*25 - 150*	*07/30/12 13:14*	*07/31/12 22:34*	*10*
Tetrachloro-m-xylene	*28*	*p*	*21 - 145*	*07/30/12 13:14*	*07/31/12 22:34*	*10*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg		07/25/12 11:21	07/25/12 19:39	5
Arsenic	**2.3**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:39	5
Barium	**170**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:39	5
Beryllium	ND		0.50		mg/Kg		07/25/12 11:21	07/25/12 19:39	5
Cadmium	**0.80**		0.50		mg/Kg		07/25/12 11:21	07/25/12 19:39	5
Chromium	**12**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:39	5
Cobalt	**5.1**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:39	5
Copper	**47**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:39	5
Lead	**20**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:39	5
Molybdenum	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:39	5
Nickel	**6.1**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:39	5
Selenium	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:39	5
Silver	**1.7**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:39	5
Thallium	ND		10		mg/Kg		07/25/12 11:21	07/25/12 19:39	5
Vanadium	**26**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:39	5
Zinc	**180**		5.0		mg/Kg		07/25/12 11:21	07/25/12 19:39	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.039**		0.020		mg/Kg		07/24/12 20:20	07/25/12 14:54	1

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18184-1

Client Sample ID: C-4
Date Collected: 07/24/12 10:55
Date Received: 07/24/12 13:55

Lab Sample ID: 440-18184-12
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.0066	0.0012	mg/Kg		07/30/12 13:14	07/31/12 22:48	4
alpha-BHC	ND		0.0066	0.00078	mg/Kg		07/30/12 13:14	07/31/12 22:48	4
alpha-Chlordane	ND		0.0066	0.0017	mg/Kg		07/30/12 13:14	07/31/12 22:48	4
beta-BHC	ND		0.013	0.0078	mg/Kg		07/30/12 13:14	07/31/12 22:48	4
Chlordane (technical)	ND		0.26	0.14	mg/Kg		07/30/12 13:14	07/31/12 22:48	4
4,4'-DDD	ND		0.0066	0.0017	mg/Kg		07/30/12 13:14	08/06/12 13:06	4
4,4'-DDE	**0.047**		0.0066	0.0019	mg/Kg		07/30/12 13:14	07/31/12 22:48	4
4,4'-DDT	**0.026**		0.0066	0.0033	mg/Kg		07/30/12 13:14	07/31/12 22:48	4
delta-BHC	ND		0.0066	0.0015	mg/Kg		07/30/12 13:14	07/31/12 22:48	4
Dieldrin	ND		0.0066	0.0016	mg/Kg		07/30/12 13:14	07/31/12 22:48	4
Endosulfan I	ND		0.0066	0.0018	mg/Kg		07/30/12 13:14	07/31/12 22:48	4
Endosulfan II	ND		0.0066	0.0021	mg/Kg		07/30/12 13:14	07/31/12 22:48	4
Endosulfan sulfate	ND		0.0066	0.0019	mg/Kg		07/30/12 13:14	07/31/12 22:48	4
Endrin	ND		0.0066	0.0017	mg/Kg		07/30/12 13:14	07/31/12 22:48	4
Endrin aldehyde	ND		0.0066	0.0020	mg/Kg		07/30/12 13:14	07/31/12 22:48	4
Endrin ketone	ND		0.0066	0.0023	mg/Kg		07/30/12 13:14	07/31/12 22:48	4
gamma-BHC (Lindane)	ND		0.0066	0.0015	mg/Kg		07/30/12 13:14	07/31/12 22:48	4
gamma-Chlordane	ND		0.0066	0.0031	mg/Kg		07/30/12 13:14	07/31/12 22:48	4
Heptachlor	ND		0.0066	0.0016	mg/Kg		07/30/12 13:14	07/31/12 22:48	4
Heptachlor epoxide	ND		0.0066	0.0025	mg/Kg		07/30/12 13:14	07/31/12 22:48	4
Methoxychlor	ND		0.013	0.0019	mg/Kg		07/30/12 13:14	07/31/12 22:48	4
Toxaphene	ND		0.26	0.16	mg/Kg		07/30/12 13:14	07/31/12 22:48	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*75*		*25 - 150*	*07/30/12 13:14*	*07/31/12 22:48*	*4*
Tetrachloro-m-xylene	*78*		*21 - 145*	*07/30/12 13:14*	*07/31/12 22:48*	*4*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg		07/25/12 11:21	07/25/12 19:41	5
Arsenic	**2.7**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:41	5
Barium	**190**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:41	5
Beryllium	ND		0.50		mg/Kg		07/25/12 11:21	07/25/12 19:41	5
Cadmium	**0.76**		0.50		mg/Kg		07/25/12 11:21	07/25/12 19:41	5
Chromium	**11**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:41	5
Cobalt	**5.2**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:41	5
Copper	**8.6**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:41	5
Lead	**8.6**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:41	5
Molybdenum	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:41	5
Nickel	**4.8**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:41	5
Selenium	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:41	5
Silver	**1.9**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:41	5
Thallium	ND		10		mg/Kg		07/25/12 11:21	07/25/12 19:41	5
Vanadium	**28**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:41	5
Zinc	**92**		5.0		mg/Kg		07/25/12 11:21	07/25/12 19:41	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.028**		0.020		mg/Kg		07/24/12 20:20	07/25/12 14:57	1

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18184-1

Client Sample ID: C-5
Date Collected: 07/24/12 11:00
Date Received: 07/24/12 13:55

Lab Sample ID: 440-18184-13
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.0017	0.00030	mg/Kg		07/30/12 13:14	07/31/12 19:02	1
alpha-BHC	ND		0.0017	0.00020	mg/Kg		07/30/12 13:14	07/31/12 19:02	1
alpha-Chlordane	ND		0.0017	0.00042	mg/Kg		07/30/12 13:14	07/31/12 19:02	1
beta-BHC	ND		0.0032	0.0020	mg/Kg		07/30/12 13:14	07/31/12 19:02	1
Chlordane (technical)	ND		0.065	0.036	mg/Kg		07/30/12 13:14	07/31/12 19:02	1
4,4'-DDD	ND		0.0017	0.00042	mg/Kg		07/30/12 13:14	07/31/12 19:02	1
4,4'-DDE	**0.024**		0.0017	0.00049	mg/Kg		07/30/12 13:14	07/31/12 19:02	1
4,4'-DDT	**0.0013**	**J**	0.0017	0.00083	mg/Kg		07/30/12 13:14	07/31/12 19:02	1
delta-BHC	ND		0.0017	0.00037	mg/Kg		07/30/12 13:14	07/31/12 19:02	1
Dieldrin	ND		0.0017	0.00039	mg/Kg		07/30/12 13:14	07/31/12 19:02	1
Endosulfan I	ND		0.0017	0.00046	mg/Kg		07/30/12 13:14	07/31/12 19:02	1
Endosulfan II	ND		0.0017	0.00054	mg/Kg		07/30/12 13:14	07/31/12 19:02	1
Endosulfan sulfate	ND		0.0017	0.00049	mg/Kg		07/30/12 13:14	07/31/12 19:02	1
Endrin	ND		0.0017	0.00042	mg/Kg		07/30/12 13:14	07/31/12 19:02	1
Endrin aldehyde	ND		0.0017	0.00050	mg/Kg		07/30/12 13:14	07/31/12 19:02	1
Endrin ketone	ND		0.0017	0.00058	mg/Kg		07/30/12 13:14	07/31/12 19:02	1
gamma-BHC (Lindane)	ND		0.0017	0.00038	mg/Kg		07/30/12 13:14	07/31/12 19:02	1
gamma-Chlordane	ND		0.0017	0.00077	mg/Kg		07/30/12 13:14	07/31/12 19:02	1
Heptachlor	ND		0.0017	0.00041	mg/Kg		07/30/12 13:14	07/31/12 19:02	1
Heptachlor epoxide	ND		0.0017	0.00064	mg/Kg		07/30/12 13:14	07/31/12 19:02	1
Methoxychlor	ND		0.0032	0.00048	mg/Kg		07/30/12 13:14	07/31/12 19:02	1
Toxaphene	ND		0.065	0.041	mg/Kg		07/30/12 13:14	07/31/12 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*133*		*25 - 150*	*07/30/12 13:14*	*07/31/12 19:02*	*1*
Tetrachloro-m-xylene	*82*		*21 - 145*	*07/30/12 13:14*	*07/31/12 19:02*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg		07/25/12 11:21	07/25/12 19:43	5
Arsenic	**2.5**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:43	5
Barium	**190**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:43	5
Beryllium	ND		0.50		mg/Kg		07/25/12 11:21	07/25/12 19:43	5
Cadmium	**0.63**		0.50		mg/Kg		07/25/12 11:21	07/25/12 19:43	5
Chromium	**10**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:43	5
Cobalt	**5.1**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:43	5
Copper	**7.6**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:43	5
Lead	**5.1**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:43	5
Molybdenum	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:43	5
Nickel	**4.7**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:43	5
Selenium	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:43	5
Silver	**1.8**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:43	5
Thallium	ND		10		mg/Kg		07/25/12 11:21	07/25/12 19:43	5
Vanadium	**26**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:43	5
Zinc	**74**		5.0		mg/Kg		07/25/12 11:21	07/25/12 19:43	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020		mg/Kg		07/24/12 20:20	07/25/12 14:59	1

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18184-1

Client Sample ID: C-6
Date Collected: 07/24/12 11:05
Date Received: 07/24/12 13:55

Lab Sample ID: 440-18184-14
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.0017	0.00030	mg/Kg		07/30/12 13:14	07/31/12 19:16	1
alpha-BHC	ND		0.0017	0.00020	mg/Kg		07/30/12 13:14	07/31/12 19:16	1
alpha-Chlordane	ND		0.0017	0.00042	mg/Kg		07/30/12 13:14	07/31/12 19:16	1
beta-BHC	ND		0.0032	0.0020	mg/Kg		07/30/12 13:14	07/31/12 19:16	1
Chlordane (technical)	ND		0.065	0.036	mg/Kg		07/30/12 13:14	07/31/12 19:16	1
4,4'-DDD	**0.00097**	**J**	0.0017	0.00042	mg/Kg		07/30/12 13:14	07/31/12 19:16	1
4,4'-DDE	**0.018**		0.0017	0.00049	mg/Kg		07/30/12 13:14	07/31/12 19:16	1
4,4'-DDT	**0.0089**		0.0017	0.00083	mg/Kg		07/30/12 13:14	07/31/12 19:16	1
delta-BHC	ND		0.0017	0.00037	mg/Kg		07/30/12 13:14	07/31/12 19:16	1
Dieldrin	**0.00070**	**J**	0.0017	0.00039	mg/Kg		07/30/12 13:14	07/31/12 19:16	1
Endosulfan I	ND		0.0017	0.00046	mg/Kg		07/30/12 13:14	07/31/12 19:16	1
Endosulfan II	ND		0.0017	0.00054	mg/Kg		07/30/12 13:14	07/31/12 19:16	1
Endosulfan sulfate	ND		0.0017	0.00049	mg/Kg		07/30/12 13:14	07/31/12 19:16	1
Endrin	ND		0.0017	0.00042	mg/Kg		07/30/12 13:14	07/31/12 19:16	1
Endrin aldehyde	ND		0.0017	0.00050	mg/Kg		07/30/12 13:14	07/31/12 19:16	1
Endrin ketone	ND		0.0017	0.00058	mg/Kg		07/30/12 13:14	07/31/12 19:16	1
gamma-BHC (Lindane)	ND		0.0017	0.00038	mg/Kg		07/30/12 13:14	07/31/12 19:16	1
gamma-Chlordane	ND		0.0017	0.00077	mg/Kg		07/30/12 13:14	07/31/12 19:16	1
Heptachlor	ND		0.0017	0.00041	mg/Kg		07/30/12 13:14	07/31/12 19:16	1
Heptachlor epoxide	ND		0.0017	0.00064	mg/Kg		07/30/12 13:14	07/31/12 19:16	1
Methoxychlor	ND		0.0032	0.00048	mg/Kg		07/30/12 13:14	07/31/12 19:16	1
Toxaphene	ND		0.065	0.041	mg/Kg		07/30/12 13:14	07/31/12 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*64*		*25 - 150*	*07/30/12 13:14*	*07/31/12 19:16*	*1*
Tetrachloro-m-xylene	*77*		*21 - 145*	*07/30/12 13:14*	*07/31/12 19:16*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg		07/25/12 11:21	07/25/12 19:49	5
Arsenic	**2.6**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:49	5
Barium	**140**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:49	5
Beryllium	ND		0.50		mg/Kg		07/25/12 11:21	07/25/12 19:49	5
Cadmium	**0.59**		0.50		mg/Kg		07/25/12 11:21	07/25/12 19:49	5
Chromium	**10**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:49	5
Cobalt	**5.0**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:49	5
Copper	**19**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:49	5
Lead	**6.6**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:49	5
Molybdenum	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:49	5
Nickel	**5.7**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:49	5
Selenium	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:49	5
Silver	**1.6**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:49	5
Thallium	ND		10		mg/Kg		07/25/12 11:21	07/25/12 19:49	5
Vanadium	**25**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:49	5
Zinc	**69**		5.0		mg/Kg		07/25/12 11:21	07/25/12 19:49	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020		mg/Kg		07/24/12 20:20	07/25/12 15:02	1

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18184-1

Client Sample ID: C-7
Date Collected: 07/24/12 11:10
Date Received: 07/24/12 13:55

Lab Sample ID: 440-18184-15
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.017	0.0030	mg/Kg		07/30/12 13:14	07/31/12 23:02	10
alpha-BHC	ND		0.017	0.0020	mg/Kg		07/30/12 13:14	07/31/12 23:02	10
alpha-Chlordane	ND		0.017	0.0042	mg/Kg		07/30/12 13:14	07/31/12 23:02	10
beta-BHC	ND		0.032	0.020	mg/Kg		07/30/12 13:14	07/31/12 23:02	10
Chlordane (technical)	ND		0.66	0.36	mg/Kg		07/30/12 13:14	07/31/12 23:02	10
4,4'-DDD	ND		0.017	0.0042	mg/Kg		07/30/12 13:14	07/31/12 23:02	10
4,4'-DDE	**0.17**		0.017	0.0049	mg/Kg		07/30/12 13:14	07/31/12 23:02	10
4,4'-DDT	**0.026**		0.017	0.0083	mg/Kg		07/30/12 13:14	07/31/12 23:02	10
delta-BHC	ND		0.017	0.0037	mg/Kg		07/30/12 13:14	07/31/12 23:02	10
Dieldrin	ND		0.017	0.0039	mg/Kg		07/30/12 13:14	07/31/12 23:02	10
Endosulfan I	ND		0.017	0.0046	mg/Kg		07/30/12 13:14	07/31/12 23:02	10
Endosulfan II	ND		0.017	0.0054	mg/Kg		07/30/12 13:14	07/31/12 23:02	10
Endosulfan sulfate	ND		0.017	0.0049	mg/Kg		07/30/12 13:14	07/31/12 23:02	10
Endrin	ND		0.017	0.0042	mg/Kg		07/30/12 13:14	07/31/12 23:02	10
Endrin aldehyde	ND		0.017	0.0050	mg/Kg		07/30/12 13:14	07/31/12 23:02	10
Endrin ketone	ND		0.017	0.0058	mg/Kg		07/30/12 13:14	07/31/12 23:02	10
gamma-BHC (Lindane)	ND		0.017	0.0038	mg/Kg		07/30/12 13:14	07/31/12 23:02	10
gamma-Chlordane	ND		0.017	0.0078	mg/Kg		07/30/12 13:14	07/31/12 23:02	10
Heptachlor	ND		0.017	0.0041	mg/Kg		07/30/12 13:14	07/31/12 23:02	10
Heptachlor epoxide	ND		0.017	0.0064	mg/Kg		07/30/12 13:14	07/31/12 23:02	10
Methoxychlor	ND		0.032	0.0048	mg/Kg		07/30/12 13:14	07/31/12 23:02	10
Toxaphene	ND		0.66	0.41	mg/Kg		07/30/12 13:14	07/31/12 23:02	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*73*		*25 - 150*	*07/30/12 13:14*	*07/31/12 23:02*	*10*
Tetrachloro-m-xylene	*84*		*21 - 145*	*07/30/12 13:14*	*07/31/12 23:02*	*10*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg		07/25/12 11:21	07/25/12 19:51	5
Arsenic	**4.0**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:51	5
Barium	**170**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:51	5
Beryllium	ND		0.51		mg/Kg		07/25/12 11:21	07/25/12 19:51	5
Cadmium	**1.2**		0.51		mg/Kg		07/25/12 11:21	07/25/12 19:51	5
Chromium	**18**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:51	5
Cobalt	**6.5**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:51	5
Copper	**28**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:51	5
Lead	**19**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:51	5
Molybdenum	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:51	5
Nickel	**8.7**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:51	5
Selenium	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:51	5
Silver	**1.9**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:51	5
Thallium	ND		10		mg/Kg		07/25/12 11:21	07/25/12 19:51	5
Vanadium	**34**		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:51	5
Zinc	**190**		5.1		mg/Kg		07/25/12 11:21	07/25/12 19:51	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.063**		0.020		mg/Kg		07/24/12 20:20	07/25/12 15:04	1

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18184-1

Client Sample ID: C-8
Date Collected: 07/24/12 11:15
Date Received: 07/24/12 13:55

Lab Sample ID: 440-18184-16
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.0066	0.0012	mg/Kg		07/30/12 13:14	07/31/12 19:30	4
alpha-BHC	ND		0.0066	0.00078	mg/Kg		07/30/12 13:14	07/31/12 19:30	4
alpha-Chlordane	ND		0.0066	0.0017	mg/Kg		07/30/12 13:14	07/31/12 19:30	4
beta-BHC	ND		0.013	0.0078	mg/Kg		07/30/12 13:14	07/31/12 19:30	4
Chlordane (technical)	ND		0.26	0.14	mg/Kg		07/30/12 13:14	07/31/12 19:30	4
4,4'-DDD	ND		0.0066	0.0017	mg/Kg		07/30/12 13:14	07/31/12 19:30	4
4,4'-DDE	**0.034**		0.0066	0.0020	mg/Kg		07/30/12 13:14	07/31/12 19:30	4
4,4'-DDT	**0.0067**		0.0066	0.0033	mg/Kg		07/30/12 13:14	07/31/12 19:30	4
delta-BHC	ND		0.0066	0.0015	mg/Kg		07/30/12 13:14	07/31/12 19:30	4
Dieldrin	ND		0.0066	0.0016	mg/Kg		07/30/12 13:14	07/31/12 19:30	4
Endosulfan I	ND		0.0066	0.0018	mg/Kg		07/30/12 13:14	07/31/12 19:30	4
Endosulfan II	ND		0.0066	0.0022	mg/Kg		07/30/12 13:14	07/31/12 19:30	4
Endosulfan sulfate	ND		0.0066	0.0020	mg/Kg		07/30/12 13:14	07/31/12 19:30	4
Endrin	ND		0.0066	0.0017	mg/Kg		07/30/12 13:14	07/31/12 19:30	4
Endrin aldehyde	ND		0.0066	0.0020	mg/Kg		07/30/12 13:14	07/31/12 19:30	4
Endrin ketone	ND		0.0066	0.0023	mg/Kg		07/30/12 13:14	07/31/12 19:30	4
gamma-BHC (Lindane)	ND		0.0066	0.0015	mg/Kg		07/30/12 13:14	07/31/12 19:30	4
gamma-Chlordane	ND		0.0066	0.0031	mg/Kg		07/30/12 13:14	07/31/12 19:30	4
Heptachlor	ND		0.0066	0.0016	mg/Kg		07/30/12 13:14	07/31/12 19:30	4
Heptachlor epoxide	ND		0.0066	0.0025	mg/Kg		07/30/12 13:14	07/31/12 19:30	4
Methoxychlor	ND		0.013	0.0019	mg/Kg		07/30/12 13:14	07/31/12 19:30	4
Toxaphene	ND		0.26	0.17	mg/Kg		07/30/12 13:14	07/31/12 19:30	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*64*		*25 - 150*	*07/30/12 13:14*	*07/31/12 19:30*	*4*
Tetrachloro-m-xylene	*74*		*21 - 145*	*07/30/12 13:14*	*07/31/12 19:30*	*4*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.8		mg/Kg		07/25/12 11:21	07/25/12 19:53	5
Arsenic	**2.9**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:53	5
Barium	**140**		0.98		mg/Kg		07/25/12 11:21	07/25/12 19:53	5
Beryllium	ND		0.49		mg/Kg		07/25/12 11:21	07/25/12 19:53	5
Cadmium	**0.64**		0.49		mg/Kg		07/25/12 11:21	07/25/12 19:53	5
Chromium	**11**		0.98		mg/Kg		07/25/12 11:21	07/25/12 19:53	5
Cobalt	**5.0**		0.98		mg/Kg		07/25/12 11:21	07/25/12 19:53	5
Copper	**11**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:53	5
Lead	**13**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:53	5
Molybdenum	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:53	5
Nickel	**5.9**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:53	5
Selenium	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:53	5
Silver	**1.5**		0.98		mg/Kg		07/25/12 11:21	07/25/12 19:53	5
Thallium	ND		9.8		mg/Kg		07/25/12 11:21	07/25/12 19:53	5
Vanadium	**25**		0.98		mg/Kg		07/25/12 11:21	07/25/12 19:53	5
Zinc	**75**		4.9		mg/Kg		07/25/12 11:21	07/25/12 19:53	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.032**		0.020		mg/Kg		07/24/12 20:20	07/25/12 15:07	1

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18184-1

Client Sample ID: C-9
Date Collected: 07/24/12 11:20
Date Received: 07/24/12 13:55

Lab Sample ID: 440-18184-17
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.0068	0.0012	mg/Kg		07/30/12 13:14	07/31/12 19:44	4
alpha-BHC	ND		0.0068	0.00080	mg/Kg		07/30/12 13:14	07/31/12 19:44	4
alpha-Chlordane	ND		0.0068	0.0017	mg/Kg		07/30/12 13:14	07/31/12 19:44	4
beta-BHC	ND		0.013	0.0080	mg/Kg		07/30/12 13:14	07/31/12 19:44	4
Chlordane (technical)	ND		0.27	0.14	mg/Kg		07/30/12 13:14	07/31/12 19:44	4
4,4'-DDD	ND		0.0068	0.0017	mg/Kg		07/30/12 13:14	07/31/12 19:44	4
4,4'-DDE	**0.051**		0.0068	0.0020	mg/Kg		07/30/12 13:14	07/31/12 19:44	4
4,4'-DDT	**0.014**		0.0068	0.0034	mg/Kg		07/30/12 13:14	07/31/12 19:44	4
delta-BHC	ND		0.0068	0.0015	mg/Kg		07/30/12 13:14	07/31/12 19:44	4
Dieldrin	ND		0.0068	0.0016	mg/Kg		07/30/12 13:14	07/31/12 19:44	4
Endosulfan I	ND		0.0068	0.0019	mg/Kg		07/30/12 13:14	07/31/12 19:44	4
Endosulfan II	ND		0.0068	0.0022	mg/Kg		07/30/12 13:14	07/31/12 19:44	4
Endosulfan sulfate	ND		0.0068	0.0020	mg/Kg		07/30/12 13:14	07/31/12 19:44	4
Endrin	ND		0.0068	0.0017	mg/Kg		07/30/12 13:14	07/31/12 19:44	4
Endrin aldehyde	ND		0.0068	0.0020	mg/Kg		07/30/12 13:14	07/31/12 19:44	4
Endrin ketone	ND		0.0068	0.0023	mg/Kg		07/30/12 13:14	07/31/12 19:44	4
gamma-BHC (Lindane)	ND		0.0068	0.0016	mg/Kg		07/30/12 13:14	07/31/12 19:44	4
gamma-Chlordane	ND		0.0068	0.0031	mg/Kg		07/30/12 13:14	07/31/12 19:44	4
Heptachlor	ND		0.0068	0.0017	mg/Kg		07/30/12 13:14	07/31/12 19:44	4
Heptachlor epoxide	ND		0.0068	0.0026	mg/Kg		07/30/12 13:14	07/31/12 19:44	4
Methoxychlor	ND		0.013	0.0019	mg/Kg		07/30/12 13:14	07/31/12 19:44	4
Toxaphene	ND		0.27	0.17	mg/Kg		07/30/12 13:14	07/31/12 19:44	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*65*	*p*	*25 - 150*	*07/30/12 13:14*	*07/31/12 19:44*	*4*
Tetrachloro-m-xylene	*91*		*21 - 145*	*07/30/12 13:14*	*07/31/12 19:44*	*4*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.8		mg/Kg		07/25/12 11:21	07/25/12 19:55	5
Arsenic	**2.4**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:55	5
Barium	**130**		0.98		mg/Kg		07/25/12 11:21	07/25/12 19:55	5
Beryllium	ND		0.49		mg/Kg		07/25/12 11:21	07/25/12 19:55	5
Cadmium	**0.52**		0.49		mg/Kg		07/25/12 11:21	07/25/12 19:55	5
Chromium	**11**		0.98		mg/Kg		07/25/12 11:21	07/25/12 19:55	5
Cobalt	**5.3**		0.98		mg/Kg		07/25/12 11:21	07/25/12 19:55	5
Copper	**12**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:55	5
Lead	**8.2**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:55	5
Molybdenum	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:55	5
Nickel	**5.6**		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:55	5
Selenium	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:55	5
Silver	**1.5**		0.98		mg/Kg		07/25/12 11:21	07/25/12 19:55	5
Thallium	ND		9.8		mg/Kg		07/25/12 11:21	07/25/12 19:55	5
Vanadium	**26**		0.98		mg/Kg		07/25/12 11:21	07/25/12 19:55	5
Zinc	**70**		4.9		mg/Kg		07/25/12 11:21	07/25/12 19:55	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.021**		0.020		mg/Kg		07/24/12 20:20	07/25/12 15:09	1

Client Sample ID: A-1

Lab Sample ID: 440-18184-1

Date Collected: 07/24/12 09:15

Matrix: Solid

Date Received: 07/24/12 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			30.13 g	10.00 mL	9117	07/30/12 13:14	KF	TAL NSH
Total/NA	Analysis	8081A		5			9355	07/31/12 18:05	WM	TAL NSH
Total/NA	Prep	7471A			0.51 g	50 mL	40715	07/24/12 20:20	SN	TAL IRV
Total/NA	Analysis	7471A		1			40962	07/25/12 14:11	DB	TAL IRV
Total/NA	Prep	3050B			2.01 g	50 mL	40886	07/25/12 11:21	DT	TAL IRV
Total/NA	Analysis	6010B		5			41144	07/25/12 19:11	VS	TAL IRV

Client Sample ID: A-2

Lab Sample ID: 440-18184-2

Date Collected: 07/24/12 09:30

Matrix: Solid

Date Received: 07/24/12 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			30.02 g	10.00 mL	9117	07/30/12 13:14	KF	TAL NSH
Total/NA	Analysis	8081A		50			10537	08/06/12 12:09	WM	TAL NSH
Total/NA	Analysis	8081A		50			9355	07/31/12 21:09	WM	TAL NSH
Total/NA	Prep	7471A			0.51 g	50 mL	40715	07/24/12 20:20	SN	TAL IRV
Total/NA	Analysis	7471A		1			40962	07/25/12 14:26	DB	TAL IRV
Total/NA	Prep	3050B			2.01 g	50 mL	40886	07/25/12 11:21	DT	TAL IRV
Total/NA	Analysis	6010B		5			41144	07/25/12 19:17	VS	TAL IRV

Client Sample ID: A-3

Lab Sample ID: 440-18184-3

Date Collected: 07/24/12 09:45

Matrix: Solid

Date Received: 07/24/12 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			30.14 g	10.00 mL	9117	07/30/12 13:14	KF	TAL NSH
Total/NA	Analysis	8081A		50			10537	08/06/12 12:23	WM	TAL NSH
Total/NA	Analysis	8081A		50			9355	07/31/12 21:23	WM	TAL NSH
Total/NA	Prep	7471A			0.51 g	50 mL	40715	07/24/12 20:20	SN	TAL IRV
Total/NA	Analysis	7471A		1			40962	07/25/12 14:29	DB	TAL IRV
Total/NA	Prep	3050B			2.03 g	50 mL	40886	07/25/12 11:21	DT	TAL IRV
Total/NA	Analysis	6010B		5			41144	07/25/12 19:19	VS	TAL IRV

Client Sample ID: A-4

Lab Sample ID: 440-18184-4

Date Collected: 07/24/12 09:50

Matrix: Solid

Date Received: 07/24/12 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			30.52 g	10.00 mL	9117	07/30/12 13:14	KF	TAL NSH
Total/NA	Analysis	8081A		20			10537	08/06/12 12:37	WM	TAL NSH
Total/NA	Analysis	8081A		20			9355	07/31/12 21:37	WM	TAL NSH
Total/NA	Prep	7471A			0.50 g	50 mL	40715	07/24/12 20:20	SN	TAL IRV
Total/NA	Analysis	7471A		1			40962	07/25/12 14:31	DB	TAL IRV
Total/NA	Prep	3050B			2.03 g	50 mL	40886	07/25/12 11:21	DT	TAL IRV

Client Sample ID: A-4

Lab Sample ID: 440-18184-4

Date Collected: 07/24/12 09:50

Matrix: Solid

Date Received: 07/24/12 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		5			41144	07/25/12 19:26	VS	TAL IRV

Client Sample ID: B-1

Lab Sample ID: 440-18184-5

Date Collected: 07/24/12 10:00

Matrix: Solid

Date Received: 07/24/12 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			30.33 g	10.00 mL	9117	07/30/12 13:14	KF	TAL NSH
Total/NA	Analysis	8081A		4			9355	07/31/12 18:19	WM	TAL NSH
Total/NA	Prep	7471A			0.49 g	50 mL	40715	07/24/12 20:20	SN	TAL IRV
Total/NA	Analysis	7471A		1			40962	07/25/12 14:34	DB	TAL IRV
Total/NA	Prep	3050B			2.01 g	50 mL	40886	07/25/12 11:21	DT	TAL IRV
Total/NA	Analysis	6010B		5			41144	07/25/12 19:28	VS	TAL IRV

Client Sample ID: B-2

Lab Sample ID: 440-18184-6

Date Collected: 07/24/12 10:10

Matrix: Solid

Date Received: 07/24/12 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			30.01 g	10.00 mL	9117	07/30/12 13:14	KF	TAL NSH
Total/NA	Analysis	8081A		20			9355	07/31/12 21:52	WM	TAL NSH
Total/NA	Prep	7471A			0.49 g	50 mL	40715	07/24/12 20:20	SN	TAL IRV
Total/NA	Analysis	7471A		1			40962	07/25/12 14:36	DB	TAL IRV
Total/NA	Prep	3050B			2.00 g	50 mL	40886	07/25/12 11:21	DT	TAL IRV
Total/NA	Analysis	6010B		5			41144	07/25/12 19:30	VS	TAL IRV

Client Sample ID: B-3

Lab Sample ID: 440-18184-7

Date Collected: 07/24/12 10:20

Matrix: Solid

Date Received: 07/24/12 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			30.27 g	10.00 mL	9117	07/30/12 13:14	KF	TAL NSH
Total/NA	Analysis	8081A		10			9355	07/31/12 22:06	WM	TAL NSH
Total/NA	Prep	7471A			0.50 g	50 mL	40715	07/24/12 20:20	SN	TAL IRV
Total/NA	Analysis	7471A		1			40962	07/25/12 14:39	DB	TAL IRV
Total/NA	Prep	3050B			2.00 g	50 mL	40886	07/25/12 11:21	DT	TAL IRV
Total/NA	Analysis	6010B		5			41144	07/25/12 19:31	VS	TAL IRV

Client Sample ID: B-4

Lab Sample ID: 440-18184-8

Date Collected: 07/24/12 10:30

Matrix: Solid

Date Received: 07/24/12 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			30.03 g	10.00 mL	9117	07/30/12 13:14	KF	TAL NSH

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18184-1

Client Sample ID: B-4

Lab Sample ID: 440-18184-8

Date Collected: 07/24/12 10:30
Matrix: Solid
Date Received: 07/24/12 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8081A		1			9355	07/31/12 18:33	WM	TAL NSH
Total/NA	Prep	7471A			0.51 g	50 mL	40715	07/24/12 20:20	SN	TAL IRV
Total/NA	Analysis	7471A		1			40962	07/25/12 14:41	DB	TAL IRV
Total/NA	Prep	3050B			2.04 g	50 mL	40886	07/25/12 11:21	DT	TAL IRV
Total/NA	Analysis	6010B		5			41144	07/25/12 19:33	VS	TAL IRV

Client Sample ID: C-1

Lab Sample ID: 440-18184-9

Date Collected: 07/24/12 10:40
Matrix: Solid
Date Received: 07/24/12 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			30.63 g	10.00 mL	9117	07/30/12 13:14	KF	TAL NSH
Total/NA	Analysis	8081A		1			9355	07/31/12 18:47	WM	TAL NSH
Total/NA	Prep	7471A			0.51 g	50 mL	40715	07/24/12 20:20	SN	TAL IRV
Total/NA	Analysis	7471A		1			40962	07/25/12 14:44	DB	TAL IRV
Total/NA	Prep	3050B			2.04 g	50 mL	40886	07/25/12 11:21	DT	TAL IRV
Total/NA	Analysis	6010B		5			41144	07/25/12 19:35	VS	TAL IRV

Client Sample ID: C-2

Lab Sample ID: 440-18184-10

Date Collected: 07/24/12 10:45
Matrix: Solid
Date Received: 07/24/12 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			30.67 g	10.00 mL	9117	07/30/12 13:14	KF	TAL NSH
Total/NA	Analysis	8081A		20			9355	07/31/12 22:20	WM	TAL NSH
Total/NA	Analysis	8081A		20			9615	08/01/12 12:29	WM	TAL NSH
Total/NA	Prep	7471A			0.49 g	50 mL	40715	07/24/12 20:20	SN	TAL IRV
Total/NA	Analysis	7471A		1			40962	07/25/12 14:47	DB	TAL IRV
Total/NA	Prep	3050B			2.02 g	50 mL	40886	07/25/12 11:21	DT	TAL IRV
Total/NA	Analysis	6010B		5			41144	07/25/12 19:37	VS	TAL IRV

Client Sample ID: C-3

Lab Sample ID: 440-18184-11

Date Collected: 07/24/12 10:50
Matrix: Solid
Date Received: 07/24/12 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			30.73 g	10.00 mL	9117	07/30/12 13:14	KF	TAL NSH
Total/NA	Analysis	8081A		10			10537	08/06/12 12:52	WM	TAL NSH
Total/NA	Analysis	8081A		10			9355	07/31/12 22:34	WM	TAL NSH
Total/NA	Prep	7471A			0.50 g	50 mL	40715	07/24/12 20:20	SN	TAL IRV
Total/NA	Analysis	7471A		1			40962	07/25/12 14:54	DB	TAL IRV
Total/NA	Prep	3050B			1.99 g	50 mL	40886	07/25/12 11:21	DT	TAL IRV
Total/NA	Analysis	6010B		5			41144	07/25/12 19:39	VS	TAL IRV

Client Sample ID: C-4

Lab Sample ID: 440-18184-12

Date Collected: 07/24/12 10:55

Matrix: Solid

Date Received: 07/24/12 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			30.81 g	10.00 mL	9117	07/30/12 13:14	KF	TAL NSH
Total/NA	Analysis	8081A		4			10537	08/06/12 13:06	WM	TAL NSH
Total/NA	Analysis	8081A		4			9355	07/31/12 22:48	WM	TAL NSH
Total/NA	Prep	7471A			0.50 g	50 mL	40715	07/24/12 20:20	SN	TAL IRV
Total/NA	Analysis	7471A		1			40962	07/25/12 14:57	DB	TAL IRV
Total/NA	Prep	3050B			2.01 g	50 mL	40886	07/25/12 11:21	DT	TAL IRV
Total/NA	Analysis	6010B		5			41144	07/25/12 19:41	VS	TAL IRV

Client Sample ID: C-5

Lab Sample ID: 440-18184-13

Date Collected: 07/24/12 11:00

Matrix: Solid

Date Received: 07/24/12 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			30.67 g	10.00 mL	9117	07/30/12 13:14	KF	TAL NSH
Total/NA	Analysis	8081A		1			9355	07/31/12 19:02	WM	TAL NSH
Total/NA	Prep	7471A			0.50 g	50 mL	40715	07/24/12 20:20	SN	TAL IRV
Total/NA	Analysis	7471A		1			40962	07/25/12 14:59	DB	TAL IRV
Total/NA	Prep	3050B			2.01 g	50 mL	40886	07/25/12 11:21	DT	TAL IRV
Total/NA	Analysis	6010B		5			41144	07/25/12 19:43	VS	TAL IRV

Client Sample ID: C-6

Lab Sample ID: 440-18184-14

Date Collected: 07/24/12 11:05

Matrix: Solid

Date Received: 07/24/12 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			30.64 g	10.00 mL	9117	07/30/12 13:14	KF	TAL NSH
Total/NA	Analysis	8081A		1			9355	07/31/12 19:16	WM	TAL NSH
Total/NA	Prep	7471A			0.50 g	50 mL	40715	07/24/12 20:20	SN	TAL IRV
Total/NA	Analysis	7471A		1			40962	07/25/12 15:02	DB	TAL IRV
Total/NA	Prep	3050B			2.01 g	50 mL	40886	07/25/12 11:21	DT	TAL IRV
Total/NA	Analysis	6010B		5			41144	07/25/12 19:49	VS	TAL IRV

Client Sample ID: C-7

Lab Sample ID: 440-18184-15

Date Collected: 07/24/12 11:10

Matrix: Solid

Date Received: 07/24/12 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			30.54 g	10.00 mL	9117	07/30/12 13:14	KF	TAL NSH
Total/NA	Analysis	8081A		10			9355	07/31/12 23:02	WM	TAL NSH
Total/NA	Prep	7471A			0.50 g	50 mL	40715	07/24/12 20:20	SN	TAL IRV
Total/NA	Analysis	7471A		1			40962	07/25/12 15:04	DB	TAL IRV
Total/NA	Prep	3050B			1.98 g	50 mL	40886	07/25/12 11:21	DT	TAL IRV
Total/NA	Analysis	6010B		5			41144	07/25/12 19:51	VS	TAL IRV

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18184-1

Client Sample ID: C-8

Lab Sample ID: 440-18184-16

Date Collected: 07/24/12 11:15
Matrix: Solid
Date Received: 07/24/12 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			30.68 g	10.00 mL	9117	07/30/12 13:14	KF	TAL NSH
Total/NA	Analysis	8081A		4			9355	07/31/12 19:30	WM	TAL NSH
Total/NA	Prep	7471A			0.50 g	50 mL	40715	07/24/12 20:20	SN	TAL IRV
Total/NA	Analysis	7471A		1			40962	07/25/12 15:07	DB	TAL IRV
Total/NA	Prep	3050B			2.04 g	50 mL	40886	07/25/12 11:21	DT	TAL IRV
Total/NA	Analysis	6010B		5			41144	07/25/12 19:53	VS	TAL IRV

Client Sample ID: C-9

Lab Sample ID: 440-18184-17

Date Collected: 07/24/12 11:20
Matrix: Solid
Date Received: 07/24/12 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			30.17 g	10.00 mL	9117	07/30/12 13:14	KF	TAL NSH
Total/NA	Analysis	8081A		4			9355	07/31/12 19:44	WM	TAL NSH
Total/NA	Prep	7471A			0.51 g	50 mL	40715	07/24/12 20:20	SN	TAL IRV
Total/NA	Analysis	7471A		1			40962	07/25/12 15:09	DB	TAL IRV
Total/NA	Prep	3050B			2.04 g	50 mL	40886	07/25/12 11:21	DT	TAL IRV
Total/NA	Analysis	6010B		5			41144	07/25/12 19:55	VS	TAL IRV

Laboratory References:

= D-Tek Analytical Laboratories, 2722 Loker Ave West Suite B, Carlsbad, CA 92010

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

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

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 490-9117/1-A
Matrix: Solid
Analysis Batch: 9355

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9117

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
alpha-BHC	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
alpha-Chlordane	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
beta-BHC	ND		0.0033		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
Chlordane (technical)	ND		0.067		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
4,4'-DDD	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
4,4'-DDE	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
4,4'-DDT	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
delta-BHC	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
Dieldrin	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
Endosulfan I	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
Endosulfan II	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
Endosulfan sulfate	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
Endrin	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
Endrin aldehyde	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
Endrin ketone	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
gamma-BHC (Lindane)	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
gamma-Chlordane	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
Heptachlor	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
Heptachlor epoxide	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
Methoxychlor	ND		0.0033		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
Toxaphene	ND		0.067		mg/Kg		07/30/12 13:14	07/31/12 15:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*59*		*25 - 150*	*07/30/12 13:14*	*07/31/12 15:29*	*1*
Tetrachloro-m-xylene	*80*		*21 - 145*	*07/30/12 13:14*	*07/31/12 15:29*	*1*

Lab Sample ID: LCS 490-9117/2-A
Matrix: Solid
Analysis Batch: 9355

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9117

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin	0.0167	0.0148		mg/Kg		89	47 - 132
alpha-BHC	0.0167	0.0154		mg/Kg		93	45 - 128
alpha-Chlordane	0.0167	0.0144		mg/Kg		86	47 - 134
beta-BHC	0.0167	0.0152		mg/Kg		91	48 - 135
4,4'-DDD	0.0167	0.0150		mg/Kg		90	46 - 149
4,4'-DDE	0.0167	0.0149		mg/Kg		89	48 - 139
4,4'-DDT	0.0167	0.0145		mg/Kg		87	24 - 150
delta-BHC	0.0167	0.0141		mg/Kg		85	10 - 149
Dieldrin	0.0167	0.0144		mg/Kg		86	42 - 137
Endosulfan I	0.0167	0.0145		mg/Kg		87	10 - 150
Endosulfan II	0.0167	0.0140		mg/Kg		84	12 - 150
Endosulfan sulfate	0.0167	0.0135		mg/Kg		81	36 - 148
Endrin	0.0167	0.0137		mg/Kg		82	46 - 145
Endrin aldehyde	0.0167	0.0144		mg/Kg		87	48 - 150
Endrin ketone	0.0167	0.0143		mg/Kg		86	43 - 150
gamma-BHC (Lindane)	0.0167	0.0152		mg/Kg		91	48 - 131
gamma-Chlordane	0.0167	0.0146		mg/Kg		88	48 - 145

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

Lab Sample ID: LCS 490-9117/2-A
Matrix: Solid
Analysis Batch: 9355

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9117

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Heptachlor	0.0167	0.0151		mg/Kg		90	45 - 140
Heptachlor epoxide	0.0167	0.0149		mg/Kg		89	47 - 133
Methoxychlor	0.0167	0.0148		mg/Kg		89	23 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*72*		*25 - 150*
Tetrachloro-m-xylene	*89*		*21 - 145*

Lab Sample ID: LCS 490-9117/3-A
Matrix: Solid
Analysis Batch: 9355

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9117

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlordane (technical)	0.167	0.168		mg/Kg		101	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*75*		*25 - 150*
Tetrachloro-m-xylene	*84*		*21 - 145*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-40886/1-A ^5
Matrix: Solid
Analysis Batch: 41144

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 40886

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg		07/25/12 11:21	07/25/12 19:07	5
Arsenic	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:07	5
Barium	ND		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:07	5
Beryllium	ND		0.50		mg/Kg		07/25/12 11:21	07/25/12 19:07	5
Cadmium	ND		0.50		mg/Kg		07/25/12 11:21	07/25/12 19:07	5
Chromium	ND		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:07	5
Cobalt	ND		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:07	5
Copper	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:07	5
Lead	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:07	5
Molybdenum	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:07	5
Nickel	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:07	5
Selenium	ND		2.0		mg/Kg		07/25/12 11:21	07/25/12 19:07	5
Silver	ND		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:07	5
Thallium	ND		10		mg/Kg		07/25/12 11:21	07/25/12 19:07	5
Vanadium	ND		1.0		mg/Kg		07/25/12 11:21	07/25/12 19:07	5
Zinc	ND		5.0		mg/Kg		07/25/12 11:21	07/25/12 19:07	5

Lab Sample ID: LCS 440-40886/2-A ^5
Matrix: Solid
Analysis Batch: 41144

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 40886

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	49.3	52.1		mg/Kg		106	80 - 120

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

Lab Sample ID: LCS 440-40886/2-A ^5
Matrix: Solid
Analysis Batch: 41144

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 40886

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	49.3	50.5		mg/Kg		102	80 - 120
Barium	49.3	52.7		mg/Kg		107	80 - 120
Beryllium	49.3	50.8		mg/Kg		103	80 - 120
Cadmium	49.3	51.2		mg/Kg		104	80 - 120
Chromium	49.3	54.6		mg/Kg		111	80 - 120
Cobalt	49.3	51.5		mg/Kg		105	80 - 120
Copper	49.3	50.5		mg/Kg		102	80 - 120
Lead	49.3	54.9		mg/Kg		111	80 - 120
Molybdenum	49.3	50.1		mg/Kg		102	80 - 120
Nickel	49.3	51.7		mg/Kg		105	80 - 120
Selenium	49.3	50.3		mg/Kg		102	80 - 120
Silver	24.6	25.4		mg/Kg		103	80 - 120
Thallium	49.3	52.0		mg/Kg		106	80 - 120
Vanadium	49.3	51.2		mg/Kg		104	80 - 120
Zinc	49.3	49.1		mg/Kg		100	80 - 120

Lab Sample ID: 440-18184-1 MS
Matrix: Solid
Analysis Batch: 41144

Client Sample ID: A-1
Prep Type: Total/NA
Prep Batch: 40886

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		50.0	15.9	F	mg/Kg		27	75 - 125
Arsenic	2.7		50.0	47.4		mg/Kg		89	75 - 125
Barium	150		50.0	198		mg/Kg		87	75 - 125
Beryllium	ND		50.0	46.0		mg/Kg		92	75 - 125
Cadmium	0.71		50.0	44.9		mg/Kg		88	75 - 125
Chromium	15		50.0	63.0		mg/Kg		96	75 - 125
Cobalt	6.3		50.0	50.0		mg/Kg		87	75 - 125
Copper	20		50.0	63.9		mg/Kg		88	75 - 125
Lead	9.9		50.0	54.4		mg/Kg		89	75 - 125
Molybdenum	ND		50.0	40.5		mg/Kg		81	75 - 125
Nickel	8.9		50.0	54.7		mg/Kg		92	75 - 125
Selenium	ND		50.0	41.8		mg/Kg		84	75 - 125
Silver	1.8		25.0	24.0		mg/Kg		89	75 - 125
Thallium	ND		50.0	39.5		mg/Kg		79	75 - 125
Vanadium	32		50.0	76.9		mg/Kg		90	75 - 125
Zinc	190		50.0	113	F	mg/Kg		-154	75 - 125

Lab Sample ID: 440-18184-1 MSD
Matrix: Solid
Analysis Batch: 41144

Client Sample ID: A-1
Prep Type: Total/NA
Prep Batch: 40886

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND		49.3	16.6	F	mg/Kg		29	75 - 125	4	20
Arsenic	2.7		49.3	47.1		mg/Kg		90	75 - 125	1	20
Barium	150		49.3	197		mg/Kg		86	75 - 125	0	20
Beryllium	ND		49.3	46.0		mg/Kg		93	75 - 125	0	20
Cadmium	0.71		49.3	44.4		mg/Kg		89	75 - 125	1	20
Chromium	15		49.3	81.8	F	mg/Kg		135	75 - 125	26	20
Cobalt	6.3		49.3	49.4		mg/Kg		87	75 - 125	1	20

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

Lab Sample ID: 440-18184-1 MSD — **Client Sample ID: A-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 41144 — **Prep Batch: 40886**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Copper	20		49.3	62.9		mg/Kg		87	75 - 125	2	20
Lead	9.9		49.3	53.3		mg/Kg		88	75 - 125	2	20
Molybdenum	ND		49.3	40.4		mg/Kg		82	75 - 125	0	20
Nickel	8.9		49.3	63.0		mg/Kg		110	75 - 125	14	20
Selenium	ND		49.3	41.3		mg/Kg		84	75 - 125	1	20
Silver	1.8		24.6	23.7		mg/Kg		89	75 - 125	1	20
Thallium	ND		49.3	39.9		mg/Kg		81	75 - 125	1	20
Vanadium	32		49.3	75.5		mg/Kg		89	75 - 125	2	20
Zinc	190		49.3	110	F	mg/Kg		-164	75 - 125	3	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 440-40715/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 40962 — **Prep Batch: 40715**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020		mg/Kg		07/24/12 20:20	07/25/12 14:06	1

Lab Sample ID: LCS 440-40715/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 40962 — **Prep Batch: 40715**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.800	0.843		mg/Kg		105	80 - 120

Lab Sample ID: 440-18184-1 MS — **Client Sample ID: A-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 40962 — **Prep Batch: 40715**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.784	0.826		mg/Kg		103	70 - 130

Lab Sample ID: 440-18184-1 MSD — **Client Sample ID: A-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 40962 — **Prep Batch: 40715**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.800	0.817		mg/Kg		100	70 - 130	1	20

GC Semi VOA

Prep Batch: 9117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-18184-1	A-1	Total/NA	Solid	3550B	
440-18184-2	A-2	Total/NA	Solid	3550B	
440-18184-3	A-3	Total/NA	Solid	3550B	
440-18184-4	A-4	Total/NA	Solid	3550B	
440-18184-5	B-1	Total/NA	Solid	3550B	
440-18184-6	B-2	Total/NA	Solid	3550B	
440-18184-7	B-3	Total/NA	Solid	3550B	
440-18184-8	B-4	Total/NA	Solid	3550B	
440-18184-9	C-1	Total/NA	Solid	3550B	
440-18184-10	C-2	Total/NA	Solid	3550B	
440-18184-11	C-3	Total/NA	Solid	3550B	
440-18184-12	C-4	Total/NA	Solid	3550B	
440-18184-13	C-5	Total/NA	Solid	3550B	
440-18184-14	C-6	Total/NA	Solid	3550B	
440-18184-15	C-7	Total/NA	Solid	3550B	
440-18184-16	C-8	Total/NA	Solid	3550B	
440-18184-17	C-9	Total/NA	Solid	3550B	
LCS 490-9117/2-A	Lab Control Sample	Total/NA	Solid	3550B	
LCS 490-9117/3-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 490-9117/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 9355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-18184-1	A-1	Total/NA	Solid	8081A	9117
440-18184-2	A-2	Total/NA	Solid	8081A	9117
440-18184-3	A-3	Total/NA	Solid	8081A	9117
440-18184-4	A-4	Total/NA	Solid	8081A	9117
440-18184-5	B-1	Total/NA	Solid	8081A	9117
440-18184-6	B-2	Total/NA	Solid	8081A	9117
440-18184-7	B-3	Total/NA	Solid	8081A	9117
440-18184-8	B-4	Total/NA	Solid	8081A	9117
440-18184-9	C-1	Total/NA	Solid	8081A	9117
440-18184-10	C-2	Total/NA	Solid	8081A	9117
440-18184-11	C-3	Total/NA	Solid	8081A	9117
440-18184-12	C-4	Total/NA	Solid	8081A	9117
440-18184-13	C-5	Total/NA	Solid	8081A	9117
440-18184-14	C-6	Total/NA	Solid	8081A	9117
440-18184-15	C-7	Total/NA	Solid	8081A	9117
440-18184-16	C-8	Total/NA	Solid	8081A	9117
440-18184-17	C-9	Total/NA	Solid	8081A	9117
LCS 490-9117/2-A	Lab Control Sample	Total/NA	Solid	8081A	9117
LCS 490-9117/3-A	Lab Control Sample	Total/NA	Solid	8081A	9117
MB 490-9117/1-A	Method Blank	Total/NA	Solid	8081A	9117

Analysis Batch: 9615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-18184-10	C-2	Total/NA	Solid	8081A	9117

Analysis Batch: 10537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-18184-2	A-2	Total/NA	Solid	8081A	9117
440-18184-3	A-3	Total/NA	Solid	8081A	9117

GC Semi VOA (Continued)

Analysis Batch: 10537 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-18184-4	A-4	Total/NA	Solid	8081A	9117
440-18184-11	C-3	Total/NA	Solid	8081A	9117
440-18184-12	C-4	Total/NA	Solid	8081A	9117

Metals

Prep Batch: 40715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-18184-1	A-1	Total/NA	Solid	7471A	
440-18184-1 MS	A-1	Total/NA	Solid	7471A	
440-18184-1 MSD	A-1	Total/NA	Solid	7471A	
440-18184-2	A-2	Total/NA	Solid	7471A	
440-18184-3	A-3	Total/NA	Solid	7471A	
440-18184-4	A-4	Total/NA	Solid	7471A	
440-18184-5	B-1	Total/NA	Solid	7471A	
440-18184-6	B-2	Total/NA	Solid	7471A	
440-18184-7	B-3	Total/NA	Solid	7471A	
440-18184-8	B-4	Total/NA	Solid	7471A	
440-18184-9	C-1	Total/NA	Solid	7471A	
440-18184-10	C-2	Total/NA	Solid	7471A	
440-18184-11	C-3	Total/NA	Solid	7471A	
440-18184-12	C-4	Total/NA	Solid	7471A	
440-18184-13	C-5	Total/NA	Solid	7471A	
440-18184-14	C-6	Total/NA	Solid	7471A	
440-18184-15	C-7	Total/NA	Solid	7471A	
440-18184-16	C-8	Total/NA	Solid	7471A	
440-18184-17	C-9	Total/NA	Solid	7471A	
LCS 440-40715/2-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 440-40715/1-A	Method Blank	Total/NA	Solid	7471A	

Prep Batch: 40886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-18184-1	A-1	Total/NA	Solid	3050B	
440-18184-1 MS	A-1	Total/NA	Solid	3050B	
440-18184-1 MSD	A-1	Total/NA	Solid	3050B	
440-18184-2	A-2	Total/NA	Solid	3050B	
440-18184-3	A-3	Total/NA	Solid	3050B	
440-18184-4	A-4	Total/NA	Solid	3050B	
440-18184-5	B-1	Total/NA	Solid	3050B	
440-18184-6	B-2	Total/NA	Solid	3050B	
440-18184-7	B-3	Total/NA	Solid	3050B	
440-18184-8	B-4	Total/NA	Solid	3050B	
440-18184-9	C-1	Total/NA	Solid	3050B	
440-18184-10	C-2	Total/NA	Solid	3050B	
440-18184-11	C-3	Total/NA	Solid	3050B	
440-18184-12	C-4	Total/NA	Solid	3050B	
440-18184-13	C-5	Total/NA	Solid	3050B	
440-18184-14	C-6	Total/NA	Solid	3050B	
440-18184-15	C-7	Total/NA	Solid	3050B	
440-18184-16	C-8	Total/NA	Solid	3050B	
440-18184-17	C-9	Total/NA	Solid	3050B	
LCS 440-40886/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 40886 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 440-40886/1-A ^5	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 40962

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-18184-1	A-1	Total/NA	Solid	7471A	40715
440-18184-1 MS	A-1	Total/NA	Solid	7471A	40715
440-18184-1 MSD	A-1	Total/NA	Solid	7471A	40715
440-18184-2	A-2	Total/NA	Solid	7471A	40715
440-18184-3	A-3	Total/NA	Solid	7471A	40715
440-18184-4	A-4	Total/NA	Solid	7471A	40715
440-18184-5	B-1	Total/NA	Solid	7471A	40715
440-18184-6	B-2	Total/NA	Solid	7471A	40715
440-18184-7	B-3	Total/NA	Solid	7471A	40715
440-18184-8	B-4	Total/NA	Solid	7471A	40715
440-18184-9	C-1	Total/NA	Solid	7471A	40715
440-18184-10	C-2	Total/NA	Solid	7471A	40715
440-18184-11	C-3	Total/NA	Solid	7471A	40715
440-18184-12	C-4	Total/NA	Solid	7471A	40715
440-18184-13	C-5	Total/NA	Solid	7471A	40715
440-18184-14	C-6	Total/NA	Solid	7471A	40715
440-18184-15	C-7	Total/NA	Solid	7471A	40715
440-18184-16	C-8	Total/NA	Solid	7471A	40715
440-18184-17	C-9	Total/NA	Solid	7471A	40715
LCS 440-40715/2-A	Lab Control Sample	Total/NA	Solid	7471A	40715
MB 440-40715/1-A	Method Blank	Total/NA	Solid	7471A	40715

Analysis Batch: 41144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-18184-1	A-1	Total/NA	Solid	6010B	40886
440-18184-1 MS	A-1	Total/NA	Solid	6010B	40886
440-18184-1 MSD	A-1	Total/NA	Solid	6010B	40886
440-18184-2	A-2	Total/NA	Solid	6010B	40886
440-18184-3	A-3	Total/NA	Solid	6010B	40886
440-18184-4	A-4	Total/NA	Solid	6010B	40886
440-18184-5	B-1	Total/NA	Solid	6010B	40886
440-18184-6	B-2	Total/NA	Solid	6010B	40886
440-18184-7	B-3	Total/NA	Solid	6010B	40886
440-18184-8	B-4	Total/NA	Solid	6010B	40886
440-18184-9	C-1	Total/NA	Solid	6010B	40886
440-18184-10	C-2	Total/NA	Solid	6010B	40886
440-18184-11	C-3	Total/NA	Solid	6010B	40886
440-18184-12	C-4	Total/NA	Solid	6010B	40886
440-18184-13	C-5	Total/NA	Solid	6010B	40886
440-18184-14	C-6	Total/NA	Solid	6010B	40886
440-18184-15	C-7	Total/NA	Solid	6010B	40886
440-18184-16	C-8	Total/NA	Solid	6010B	40886
440-18184-17	C-9	Total/NA	Solid	6010B	40886
LCS 440-40886/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	40886
MB 440-40886/1-A ^5	Method Blank	Total/NA	Solid	6010B	40886

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18184-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Metals

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18184-1

Laboratory: TestAmerica Irvine

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arizona	State Program	9	AZ0671	10-13-12
California	LA Cty Sanitation Districts	9	10256	01-31-13
California	NELAC	9	1108CA	01-31-13
California	State Program	9	2706	06-30-14
Guam	State Program	9	Cert. No. 12.002r	01-23-13
Hawaii	State Program	9	N/A	01-31-13
Nevada	State Program	9	CA015312007A	07-31-12
New Mexico	State Program	6	N/A	01-31-12
Northern Mariana Islands	State Program	9	MP0002	01-31-13
Oregon	NELAC	10	4005	09-12-12
USDA	Federal		P330-09-00080	06-06-14

Laboratory: TestAmerica Nashville

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

Authority	Program	EPA Region	Certification ID	Expiration Date
	ACIL		393	10-30-12
A2LA	ISO/IEC 17025		0453.07	12-31-13
Alabama	State Program	4	41150	05-31-13
Alaska (UST)	State Program	10	UST-087	07-24-13
Arizona	State Program	9	AZ0473	05-05-13
Arkansas DEQ	State Program	6	88-0737	04-25-13
California	NELAC	9	1168CA	10-31-12
Canadian Assoc Lab Accred (CALA)	Canada		3744	03-08-14
Colorado	State Program	8	N/A	02-28-13
Connecticut	State Program	1	PH-0220	12-31-13
Florida	NELAC	4	E87358	06-30-13
Illinois	NELAC	5	200010	12-09-12
Iowa	State Program	7	131	05-01-14
Kansas	NELAC	7	E-10229	10-31-12
Kentucky	State Program	4	90038	12-31-12
Kentucky (UST)	State Program	4	19	09-15-13
Louisiana	NELAC	6	LA110014	12-31-12
Louisiana	NELAC	6	30613	06-30-13
Maryland	State Program	3	316	03-31-13
Massachusetts	State Program	1	M-TN032	06-30-13
Minnesota	NELAC	5	047-999-345	12-31-12
Mississippi	State Program	4	N/A	06-30-13
Montana (UST)	State Program	8	NA	01-01-15
Nevada	State Program	9	TN00032	09-30-12
New Hampshire	NELAC	1	2963	10-09-12
New Jersey	NELAC	2	TN965	06-30-13
New York	NELAC	2	11342	04-01-13
North Carolina DENR	State Program	4	387	12-31-12
North Dakota	State Program	8	R-146	06-30-13
Ohio VAP	State Program	5	CL0033	01-19-14
Oklahoma	State Program	6	9412	08-31-12
Oregon	NELAC	10	TN200001	04-30-13
Pennsylvania	NELAC	3	68-00585	06-30-13
Rhode Island	State Program	1	LAO00268	12-30-12
South Carolina	State Program	4	84009 (001)	02-28-13
South Carolina	State Program	4	84009 (002)	02-23-14
Tennessee	State Program	4	2008	02-23-14

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18184-1

Laboratory: TestAmerica Nashville (Continued)

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Texas	NELAC	6	T104704077-09-TX	08-31-12
USDA	Federal		S-48469	11-02-13
Utah	NELAC	8	TAN	06-30-13
Virginia	NELAC	3	460152	06-14-13
Washington	State Program	10	C789	07-19-13
West Virginia DEP	State Program	3	219	02-28-13
Wisconsin	State Program	5	998020430	08-31-12
Wyoming (UST)	A2LA	8	453.07	12-31-13

26 July 2012

Patty Mata
TestAmerica Irvine
17461 Derian Avenue, Suite 100
Irvine, CA 92614
44006438

Enclosed are the results of analyses for samples received by the laboratory on 24-Jul-12 . If you have any questions concerning this report, please feel free to contact me.

Please note that this report pertains only to the samples reported within and the work performed. No modification of this report is authorized without the consent of D-Tek Analytical Labs, Inc. This report should only be reproduced in its entirety.

Sincerely,

Tim Cannon
Operations Manager

D-Tek Analytical Labs Inc. operates under the California Environmental Lab Accreditation Program issued by the State of California Department of Health Services.(ELAP No. 2344)

D-TEK ANALYTICAL LABORATORIES, INC.

2722 Loker Ave. West, Suite B
Carlsbad, CA 92010
760-930-2555 Phone
760-930-2510 Fax

TestAmerica Irvine	Project: Herbicides	
17461 Derian Avenue, Suite 100	Project Number: 44006438	Reported:
Irvine CA, 92614	Project Manager: Patty Mata	26-Jul-12

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
A-1 (440-18184-1)	1207029-01	Solid	24-Jul-12	24-Jul-12
A-2 (440-18184-2)	1207029-02	Solid	24-Jul-12	24-Jul-12
A-3 (440-18184-3)	1207029-03	Solid	24-Jul-12	24-Jul-12
A-4 (440-18184-4)	1207029-04	Solid	24-Jul-12	24-Jul-12
B-1 (440-18184-5)	1207029-05	Solid	24-Jul-12	24-Jul-12
B-2 (440-18184-6)	1207029-06	Solid	24-Jul-12	24-Jul-12
B-3 (440-18184-7)	1207029-07	Solid	24-Jul-12	24-Jul-12
B-4 (440-18184-8)	1207029-08	Solid	24-Jul-12	24-Jul-12
C-1 (440-18184-9)	1207029-09	Solid	24-Jul-12	24-Jul-12
C-2 (440-18184-10)	1207029-10	Solid	24-Jul-12	24-Jul-12
C-3 (440-18184-11)	1207029-11	Solid	24-Jul-12	24-Jul-12
C-4 (440-18184-12)	1207029-12	Solid	24-Jul-12	24-Jul-12
C-5 (440-18184-13)	1207029-13	Solid	24-Jul-12	24-Jul-12
C-6 (440-18184-14)	1207029-14	Solid	24-Jul-12	24-Jul-12
C-7 (440-18184-15)	1207029-15	Solid	24-Jul-12	24-Jul-12
C-8 (440-18184-16)	1207029-16	Solid	24-Jul-12	24-Jul-12
C-9 (440-18184-17)	1207029-17	Solid	24-Jul-12	24-Jul-12

D-TEK ANALYTICAL LABORATORIES, INC.

2722 Loker Ave. West, Suite B
Carlsbad, CA 92010
760-930-2555 Phone
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TestAmerica Irvine	Project: Herbicides	
17461 Derian Avenue, Suite 100	Project Number: 44006438	Reported:
Irvine CA, 92614	Project Manager: Patty Mata	26-Jul-12

Chlorinated Herbicides by EPA Method 8151A

DTEK Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Method	Notes
A-1 (440-18184-1) (1207029-01) Solid	**Sampled: 24-Jul-12**	**Received: 24-Jul-12**			**EPA 3550B**			
2,4-D	ND	1.10	ug/kg	D207033	25-Jul-12	26-Jul-12	EPA 8151A	
2,4-DB	ND	5.00	"	"	"	"	"	
2,4,5-T	ND	1.20	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	1.20	"	"	"	"	"	
Dalapon	ND	0.50	"	"	"	"	"	
Dicamba	ND	0.60	"	"	"	"	"	
Dichloroprop	ND	0.80	"	"	"	"	"	
Dinoseb	ND	1.10	"	"	"	"	"	
MCPA	ND	200	"	"	"	"	"	
MCPP	ND	150	"	"	"	"	"	
4-Nitrophenol	ND	5.00	"	"	"	"	"	
Pentachlorophenol	ND	1.00	"	"	"	"	"	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)		*50.8 %*	*43-169*	"	"	"	"	
A-2 (440-18184-2) (1207029-02) Solid	**Sampled: 24-Jul-12**	**Received: 24-Jul-12**			**EPA 3550B**			
2,4-D	ND	1.10	ug/kg	D207033	25-Jul-12	26-Jul-12	EPA 8151A	
2,4-DB	ND	5.00	"	"	"	"	"	
2,4,5-T	ND	1.20	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	1.20	"	"	"	"	"	
Dalapon	ND	0.50	"	"	"	"	"	
Dicamba	ND	0.60	"	"	"	"	"	
Dichloroprop	ND	0.80	"	"	"	"	"	
Dinoseb	ND	1.10	"	"	"	"	"	
MCPA	ND	200	"	"	"	"	"	
MCPP	ND	150	"	"	"	"	"	
4-Nitrophenol	ND	5.00	"	"	"	"	"	
Pentachlorophenol	ND	1.00	"	"	"	"	"	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)		*59.6 %*	*43-169*	"	"	"	"	

D-TEK ANALYTICAL LABORATORIES, INC.

2722 Loker Ave. West, Suite B
Carlsbad, CA 92010
760-930-2555 Phone
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TestAmerica Irvine	Project: Herbicides	
17461 Derian Avenue, Suite 100	Project Number: 44006438	Reported:
Irvine CA, 92614	Project Manager: Patty Mata	26-Jul-12

Chlorinated Herbicides by EPA Method 8151A

DTEK Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Method	Notes
A-3 (440-18184-3) (1207029-03) Solid	**Sampled: 24-Jul-12**	**Received: 24-Jul-12**		**EPA 3550B**				
2,4-D	ND	1.10	ug/kg	D207033	25-Jul-12	26-Jul-12	EPA 8151A	
2,4-DB	ND	5.00	"	"	"	"	"	
2,4,5-T	ND	1.20	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	1.20	"	"	"	"	"	
Dalapon	ND	0.50	"	"	"	"	"	
Dicamba	ND	0.60	"	"	"	"	"	
Dichloroprop	ND	0.80	"	"	"	"	"	
Dinoseb	ND	1.10	"	"	"	"	"	
MCPA	ND	200	"	"	"	"	"	
MCPP	ND	150	"	"	"	"	"	
4-Nitrophenol	ND	5.00	"	"	"	"	"	
Pentachlorophenol	ND	1.00	"	"	"	"	"	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)		*68.2 %*	*43-169*	"	"	"	"	
A-4 (440-18184-4) (1207029-04) Solid	**Sampled: 24-Jul-12**	**Received: 24-Jul-12**		**EPA 3550B**				
2,4-D	ND	1.10	ug/kg	D207033	25-Jul-12	26-Jul-12	EPA 8151A	
2,4-DB	ND	5.00	"	"	"	"	"	
2,4,5-T	ND	1.20	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	1.20	"	"	"	"	"	
Dalapon	ND	0.50	"	"	"	"	"	
Dicamba	ND	0.60	"	"	"	"	"	
Dichloroprop	ND	0.80	"	"	"	"	"	
Dinoseb	ND	1.10	"	"	"	"	"	
MCPA	ND	200	"	"	"	"	"	
MCPP	ND	150	"	"	"	"	"	
4-Nitrophenol	ND	5.00	"	"	"	"	"	
Pentachlorophenol	ND	1.00	"	"	"	"	"	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)		*50.4 %*	*43-169*	"	"	"	"	

D-TEK ANALYTICAL LABORATORIES, INC.

2722 Loker Ave. West, Suite B
Carlsbad, CA 92010
760-930-2555 Phone
760-930-2510 Fax

TestAmerica Irvine	Project: Herbicides	
17461 Derian Avenue, Suite 100	Project Number: 44006438	Reported:
Irvine CA, 92614	Project Manager: Patty Mata	26-Jul-12

Chlorinated Herbicides by EPA Method 8151A

DTEK Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Method	Notes
B-1 (440-18184-5) (1207029-05) Solid	**Sampled: 24-Jul-12**	**Received: 24-Jul-12**			**EPA 3550B**			
2,4-D	ND	1.10	ug/kg	D207033	25-Jul-12	26-Jul-12	EPA 8151A	
2,4-DB	ND	5.00	"	"	"	"	"	
2,4,5-T	ND	1.20	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	1.20	"	"	"	"	"	
Dalapon	ND	0.50	"	"	"	"	"	
Dicamba	ND	0.60	"	"	"	"	"	
Dichloroprop	ND	0.80	"	"	"	"	"	
Dinoseb	ND	1.10	"	"	"	"	"	
MCPA	ND	200	"	"	"	"	"	
MCPP	ND	150	"	"	"	"	"	
4-Nitrophenol	ND	5.00	"	"	"	"	"	
Pentachlorophenol	ND	1.00	"	"	"	"	"	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)		*59.2 %*	*43-169*	"	"	"	"	
B-2 (440-18184-6) (1207029-06) Solid	**Sampled: 24-Jul-12**	**Received: 24-Jul-12**			**EPA 3550B**			
2,4-D	ND	1.10	ug/kg	D207033	25-Jul-12	26-Jul-12	EPA 8151A	
2,4-DB	ND	5.00	"	"	"	"	"	
2,4,5-T	ND	1.20	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	1.20	"	"	"	"	"	
Dalapon	ND	0.50	"	"	"	"	"	
Dicamba	ND	0.60	"	"	"	"	"	
Dichloroprop	ND	0.80	"	"	"	"	"	
Dinoseb	ND	1.10	"	"	"	"	"	
MCPA	ND	200	"	"	"	"	"	
MCPP	ND	150	"	"	"	"	"	
4-Nitrophenol	ND	5.00	"	"	"	"	"	
Pentachlorophenol	ND	1.00	"	"	"	"	"	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)		*49.4 %*	*43-169*	"	"	"	"	

D-TEK ANALYTICAL LABORATORIES, INC.

2722 Loker Ave. West, Suite B
Carlsbad, CA 92010
760-930-2555 Phone
760-930-2510 Fax

TestAmerica Irvine	Project: Herbicides	
17461 Derian Avenue, Suite 100	Project Number: 44006438	Reported:
Irvine CA, 92614	Project Manager: Patty Mata	26-Jul-12

Chlorinated Herbicides by EPA Method 8151A

DTEK Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Method	Notes
B-3 (440-18184-7) (1207029-07) Solid	**Sampled: 24-Jul-12**	**Received: 24-Jul-12**			**EPA 3550B**			
2,4-D	ND	1.10	ug/kg	D207033	25-Jul-12	26-Jul-12	EPA 8151A	
2,4-DB	ND	5.00	"	"	"	"	"	
2,4,5-T	ND	1.20	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	1.20	"	"	"	"	"	
Dalapon	ND	0.50	"	"	"	"	"	
Dicamba	ND	0.60	"	"	"	"	"	
Dichloroprop	ND	0.80	"	"	"	"	"	
Dinoseb	ND	1.10	"	"	"	"	"	
MCPA	ND	200	"	"	"	"	"	
MCPP	ND	150	"	"	"	"	"	
4-Nitrophenol	ND	5.00	"	"	"	"	"	
Pentachlorophenol	ND	1.00	"	"	"	"	"	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*19.6 %*	*43-169*		"	"	"	"	*S-02*
B-4 (440-18184-8) (1207029-08) Solid	**Sampled: 24-Jul-12**	**Received: 24-Jul-12**			**EPA 3550B**			
2,4-D	ND	1.10	ug/kg	D207033	25-Jul-12	26-Jul-12	EPA 8151A	
2,4-DB	ND	5.00	"	"	"	"	"	
2,4,5-T	ND	1.20	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	1.20	"	"	"	"	"	
Dalapon	ND	0.50	"	"	"	"	"	
Dicamba	ND	0.60	"	"	"	"	"	
Dichloroprop	ND	0.80	"	"	"	"	"	
Dinoseb	ND	1.10	"	"	"	"	"	
MCPA	ND	200	"	"	"	"	"	
MCPP	ND	150	"	"	"	"	"	
4-Nitrophenol	ND	5.00	"	"	"	"	"	
Pentachlorophenol	ND	1.00	"	"	"	"	"	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*18.0 %*	*43-169*		"	"	"	"	*S-02*

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TestAmerica Irvine	Project: Herbicides	
17461 Derian Avenue, Suite 100	Project Number: 44006438	Reported:
Irvine CA, 92614	Project Manager: Patty Mata	26-Jul-12

Chlorinated Herbicides by EPA Method 8151A

DTEK Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Method	Notes
C-1 (440-18184-9) (1207029-09) Solid	**Sampled: 24-Jul-12**	**Received: 24-Jul-12**			**EPA 3550B**			
2,4-D	ND	1.10	ug/kg	D207033	25-Jul-12	26-Jul-12	EPA 8151A	
2,4-DB	ND	5.00	"	"	"	"	"	
2,4,5-T	ND	1.20	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	1.20	"	"	"	"	"	
Dalapon	ND	0.50	"	"	"	"	"	
Dicamba	ND	0.60	"	"	"	"	"	
Dichloroprop	ND	0.80	"	"	"	"	"	
Dinoseb	ND	1.10	"	"	"	"	"	
MCPA	ND	200	"	"	"	"	"	
MCPP	ND	150	"	"	"	"	"	
4-Nitrophenol	ND	5.00	"	"	"	"	"	
Pentachlorophenol	ND	1.00	"	"	"	"	"	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*13.2 %*	*43-169*		"	"	"	"	*S-02*
C-2 (440-18184-10) (1207029-10) Solid	**Sampled: 24-Jul-12**	**Received: 24-Jul-12**			**EPA 3550B**			
2,4-D	ND	1.10	ug/kg	D207033	25-Jul-12	26-Jul-12	EPA 8151A	
2,4-DB	ND	5.00	"	"	"	"	"	
2,4,5-T	ND	1.20	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	1.20	"	"	"	"	"	
Dalapon	ND	0.50	"	"	"	"	"	
Dicamba	ND	0.60	"	"	"	"	"	
Dichloroprop	ND	0.80	"	"	"	"	"	
Dinoseb	ND	1.10	"	"	"	"	"	
MCPA	ND	200	"	"	"	"	"	
MCPP	ND	150	"	"	"	"	"	
4-Nitrophenol	ND	5.00	"	"	"	"	"	
Pentachlorophenol	ND	1.00	"	"	"	"	"	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*37.0 %*	*43-169*		"	"	"	"	*S-02*

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TestAmerica Irvine	Project: Herbicides	
17461 Derian Avenue, Suite 100	Project Number: 44006438	Reported:
Irvine CA, 92614	Project Manager: Patty Mata	26-Jul-12

Chlorinated Herbicides by EPA Method 8151A

DTEK Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Method	Notes
C-3 (440-18184-11) (1207029-11) Solid	**Sampled: 24-Jul-12**	**Received: 24-Jul-12**			**EPA 3550B**			
2,4-D	ND	1.10	ug/kg	D207033	25-Jul-12	26-Jul-12	EPA 8151A	
2,4-DB	ND	5.00	"	"	"	"	"	
2,4,5-T	ND	1.20	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	1.20	"	"	"	"	"	
Dalapon	ND	0.50	"	"	"	"	"	
Dicamba	ND	0.60	"	"	"	"	"	
Dichloroprop	ND	0.80	"	"	"	"	"	
Dinoseb	ND	1.10	"	"	"	"	"	
MCPA	ND	200	"	"	"	"	"	
MCPP	ND	150	"	"	"	"	"	
4-Nitrophenol	ND	5.00	"	"	"	"	"	
Pentachlorophenol	ND	1.00	"	"	"	"	"	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*53.2 %*		*43-169*	"	"	"	"	
C-4 (440-18184-12) (1207029-12) Solid	**Sampled: 24-Jul-12**	**Received: 24-Jul-12**			**EPA 3550B**			
2,4-D	ND	1.10	ug/kg	D207033	25-Jul-12	26-Jul-12	EPA 8151A	
2,4-DB	ND	5.00	"	"	"	"	"	
2,4,5-T	ND	1.20	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	1.20	"	"	"	"	"	
Dalapon	ND	0.50	"	"	"	"	"	
Dicamba	ND	0.60	"	"	"	"	"	
Dichloroprop	ND	0.80	"	"	"	"	"	
Dinoseb	ND	1.10	"	"	"	"	"	
MCPA	ND	200	"	"	"	"	"	
MCPP	ND	150	"	"	"	"	"	
4-Nitrophenol	ND	5.00	"	"	"	"	"	
Pentachlorophenol	ND	1.00	"	"	"	"	"	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*62.2 %*		*43-169*	"	"	"	"	

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TestAmerica Irvine	Project: Herbicides	
17461 Derian Avenue, Suite 100	Project Number: 44006438	Reported:
Irvine CA, 92614	Project Manager: Patty Mata	26-Jul-12

Chlorinated Herbicides by EPA Method 8151A

DTEK Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Method	Notes
C-5 (440-18184-13) (1207029-13) Solid	**Sampled: 24-Jul-12**	**Received: 24-Jul-12**			**EPA 3550B**			
2,4-D	ND	1.10	ug/kg	D207033	25-Jul-12	26-Jul-12	EPA 8151A	
2,4-DB	ND	5.00	"	"	"	"	"	
2,4,5-T	ND	1.20	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	1.20	"	"	"	"	"	
Dalapon	ND	0.50	"	"	"	"	"	
Dicamba	ND	0.60	"	"	"	"	"	
Dichloroprop	ND	0.80	"	"	"	"	"	
Dinoseb	ND	1.10	"	"	"	"	"	
MCPA	ND	200	"	"	"	"	"	
MCPP	ND	150	"	"	"	"	"	
4-Nitrophenol	ND	5.00	"	"	"	"	"	
Pentachlorophenol	ND	1.00	"	"	"	"	"	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*51.2 %*	*43-169*		"	"	"	"	
C-6 (440-18184-14) (1207029-14) Solid	**Sampled: 24-Jul-12**	**Received: 24-Jul-12**			**EPA 3550B**			
2,4-D	ND	1.10	ug/kg	D207033	25-Jul-12	26-Jul-12	EPA 8151A	
2,4-DB	ND	5.00	"	"	"	"	"	
2,4,5-T	ND	1.20	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	1.20	"	"	"	"	"	
Dalapon	ND	0.50	"	"	"	"	"	
Dicamba	ND	0.60	"	"	"	"	"	
Dichloroprop	ND	0.80	"	"	"	"	"	
Dinoseb	ND	1.10	"	"	"	"	"	
MCPA	ND	200	"	"	"	"	"	
MCPP	ND	150	"	"	"	"	"	
4-Nitrophenol	ND	5.00	"	"	"	"	"	
Pentachlorophenol	ND	1.00	"	"	"	"	"	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*42.8 %*	*43-169*		"	"	"	"	*S-02*

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TestAmerica Irvine	Project: Herbicides	
17461 Derian Avenue, Suite 100	Project Number: 44006438	Reported:
Irvine CA, 92614	Project Manager: Patty Mata	26-Jul-12

Chlorinated Herbicides by EPA Method 8151A

DTEK Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Method	Notes
C-7 (440-18184-15) (1207029-15) Solid	**Sampled: 24-Jul-12**	**Received: 24-Jul-12**			**EPA 3550B**			
2,4-D	ND	1.10	ug/kg	D207033	25-Jul-12	26-Jul-12	EPA 8151A	
2,4-DB	ND	5.00	"	"	"	"	"	
2,4,5-T	ND	1.20	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	1.20	"	"	"	"	"	
Dalapon	ND	0.50	"	"	"	"	"	
Dicamba	ND	0.60	"	"	"	"	"	
Dichloroprop	ND	0.80	"	"	"	"	"	
Dinoseb	ND	1.10	"	"	"	"	"	
MCPA	ND	200	"	"	"	"	"	
MCPP	ND	150	"	"	"	"	"	
4-Nitrophenol	ND	5.00	"	"	"	"	"	
Pentachlorophenol	ND	1.00	"	"	"	"	"	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)		*58.6 %*	*43-169*	"	"	"	"	
C-8 (440-18184-16) (1207029-16) Solid	**Sampled: 24-Jul-12**	**Received: 24-Jul-12**			**EPA 3550B**			
2,4-D	ND	1.10	ug/kg	D207033	25-Jul-12	26-Jul-12	EPA 8151A	
2,4-DB	ND	5.00	"	"	"	"	"	
2,4,5-T	ND	1.20	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	1.20	"	"	"	"	"	
Dalapon	ND	0.50	"	"	"	"	"	
Dicamba	ND	0.60	"	"	"	"	"	
Dichloroprop	ND	0.80	"	"	"	"	"	
Dinoseb	ND	1.10	"	"	"	"	"	
MCPA	ND	200	"	"	"	"	"	
MCPP	ND	150	"	"	"	"	"	
4-Nitrophenol	ND	5.00	"	"	"	"	"	
Pentachlorophenol	ND	1.00	"	"	"	"	"	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)		*51.0 %*	*43-169*	"	"	"	"	

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TestAmerica Irvine	Project: Herbicides	
17461 Derian Avenue, Suite 100	Project Number: 44006438	Reported:
Irvine CA, 92614	Project Manager: Patty Mata	26-Jul-12

Chlorinated Herbicides by EPA Method 8151A

DTEK Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Method	Notes
C-9 (440-18184-17) (1207029-17) Solid	**Sampled: 24-Jul-12**	**Received: 24-Jul-12**			**EPA 3550B**			
2,4-D	ND	1.10	ug/kg	D207033	25-Jul-12	26-Jul-12	EPA 8151A	
2,4-DB	ND	5.00	"	"	"	"	"	
2,4,5-T	ND	1.20	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	1.20	"	"	"	"	"	
Dalapon	ND	0.50	"	"	"	"	"	
Dicamba	ND	0.60	"	"	"	"	"	
Dichloroprop	ND	0.80	"	"	"	"	"	
Dinoseb	ND	1.10	"	"	"	"	"	
MCPA	ND	200	"	"	"	"	"	
MCPP	ND	150	"	"	"	"	"	
4-Nitrophenol	ND	5.00	"	"	"	"	"	
Pentachlorophenol	ND	1.00	"	"	"	"	"	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*41.6 %*	*43-169*		"	"	"	"	*S-02*

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TestAmerica Irvine	Project: Herbicides	
17461 Derian Avenue, Suite 100	Project Number: 44006438	Reported:
Irvine CA, 92614	Project Manager: Patty Mata	26-Jul-12

Chlorinated Herbicides by EPA Method 8151A - Quality Control
DTEK Analytical Laboratories, Inc.

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch D207033 - EPA 3550B									
Blank (D207033-BLK1)			Prepared: 25-Jul-12 Analyzed: 26-Jul-12						
2,4-D	ND	ug/kg							
2,4-DB	ND	"							
2,4,5-T	ND	"							
2,4,5-TP (Silvex)	ND	"							
Dalapon	ND	"							
Dicamba	ND	"							
Dichloroprop	ND	"							
Dinoseb	ND	"							
MCPA	ND	"							
MCPP	ND	"							
4-Nitrophenol	ND	"							
Pentachlorophenol	ND	"							
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*36.7*	"	*50.0*		*73.4*	*43-169*			
LCS (D207033-BS1)			Prepared: 25-Jul-12 Analyzed: 26-Jul-12						
2,4-D	36.2	ug/kg	50.0		72.4	50-180			
2,4-DB	51.4	"	50.0		103	50-180			
2,4,5-TP (Silvex)	19.5	"	20.0		97.5	42-180			
Dicamba	23.6	"	25.0		94.4	42-180			
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*45.4*	"	*50.0*		*90.8*	*43-169*			
LCS Dup (D207033-BSD1)			Prepared: 25-Jul-12 Analyzed: 26-Jul-12						
2,4-D	37.3	ug/kg	50.0		74.6	50-180	2.99	30	
2,4-DB	50.3	"	50.0		101	50-180	2.16	30	
2,4,5-TP (Silvex)	19.1	"	20.0		95.5	42-180	2.07	30	
Dicamba	21.0	"	25.0		84.0	42-180	11.7	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*40.1*	"	*50.0*		*80.2*	*43-169*			

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17461 Derian Avenue, Suite 100	Project Number: 44006438	Reported:
Irvine CA, 92614	Project Manager: Patty Mata	26-Jul-12

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

QUALITY CONTROL TERMINOLOGY

LCS - LABORATORY CONTROL SAMPLE. Reported as % recovery of an independent standard carried through all sample preparation procedues to verify method performance. Acceptable range is based on historical laboratory control data and EPA requirements. Any out-of-control QC data is clearly indicated.

SPIKE - environmental sample is matrix spiked with method compounds and % recovery of concentration spiked into sample is calculated. Reported as % recovery. Acceptable range for "Normal Matrix Sample" is based on historical laboratory control data. Any out-of-control QC data is clearly indicated.

SURROGATES - Compounds representative of a group of compounds. Surrogates are spiked into environmental samples and % recovery of concentration spiked is calculated and reported. Acceptable range varies depending on sample matrix and analysis method. Any out-of-control QC data is clearly indicated.

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Mata, Patty	Carrier Tracking No(s):	COC No: 440-8830.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: patty.mata@testamericainc.com		Page: Page 1 of 2
Company: D-Tek Analytical Laboratories				Job #: 440-18184-1
Address: 2722 Loker Ave West Suite B, ,	Due Date Requested: 7/26/2012			
City: Carlsbad	TAT Requested (days):			
State, Zip: CA, 92010				
Phone:	PO #:			
Email:	WO #:			
Project Name: Foremost Highgrove	Project #: 44006438			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - Di Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Preservation Code:	SUBCONTRACT/ 8151 Herbicides	Special Instructions/Note:
A-1 (440-18184-1)	7/24/12	09:15 Pacific		Solid		X	1207029-01
A-2 (440-18184-2)	7/24/12	09:30 Pacific		Solid		X	1207029-02
A-3 (440-18184-3)	7/24/12	09:45 Pacific		Solid		X	1207029-03
A-4 (440-18184-4)	7/24/12	09:50 Pacific		Solid		X	1207029-04
B-1 (440-18184-5)	7/24/12	10:00 Pacific		Solid		X	1207029-05
B-2 (440-18184-6)	7/24/12	10:10 Pacific		Solid		X	1207029-06
B-3 (440-18184-7)	7/24/12	10:20 Pacific		Solid		X	1207029-07
B-4 (440-18184-8)	7/24/12	10:30 Pacific		Solid		X	1207029-08
C-1 (440-18184-9)	7/24/12	10:40 Pacific		Solid		X	1207029-09
C-2 (440-18184-10)	7/24/12	10:45 Pacific		Solid		X	1207029-10
C-3 (440-18184-11)	7/24/12	10:50 Pacific		Solid		X	1207029-11

Possible Hazard Identification
Unconfirmed

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 7-24-12 1510	Company TAT	Received by: Date/Time: 7-24-12 1510 Company TAT
Relinquished by:	Date/Time: 7-24-12 1635	Company TAT	Received by: Date/Time: 7-24-12 4:40pm Company D-TEK
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

TestAmerica Irvine
17461 Derian Ave Suite 100
Irvine, CA 92614-5817
Phone (949) 261-1022 Fax (949) 260-3297

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Mata, Patty	Carrier Tracking No(s):	COC No: 440-8830.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: patty.mata@testamericainc.com		Page: Page 2 of 2
Company: D-Tek Analytical Laboratories		Analysis Requested		Job #: 440-18184-1
Address: 2722 Loker Ave West Suite B,	Due Date Requested: 7/26/2012			
City: Carlsbad	TAT Requested (days):			
State, Zip: CA, 92010				
Phone:	PO #:			
Email:	WO #:			
Project Name: Foremost Highgrove	Project #: 44006438			
Site:	SSOW#:			

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	SUBCONTRACT/ 8151 Herbicides	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
C-4 (440-18184-12)	7/24/12	10:55 Pacific		Solid			X		1207029-12
C-5 (440-18184-13)	7/24/12	11:00 Pacific		Solid			X		1207029-13
C-6 (440-18184-14)	7/24/12	11:05 Pacific		Solid			X		1207029-14
C-7 (440-18184-15)	7/24/12	11:10 Pacific		Solid			X		1207029-15
C-8 (440-18184-16)	7/24/12	11:15 Pacific		Solid			X		1207029-16
C-9 (440-18184-17)	7/24/12	11:20 Pacific		Solid			X		1207029-17

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	7.24.12 15[illegible]	TA2		7.24.12 1510	TA2
Relinquished by:	7-24-12 1635	TA2		7-24-12 4:40pm	D-TEK
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

8/7/2012

440 - 18184

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY FORM

17461 Derian Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
4625 E. Cotton Center Blvd., Suite 189, Phoenix, AZ 85040 (602) 437-3340 FAX (602) 454-9303
6000 S. Eastern Ave., Suite 5E, Las Vegas, NV 89119 (702) 429-1264

TAL-0013 (0911)

Client Name/Address:
TETRATECH GEO
17885 VON KARMAN, SUITE #500
IRVINE, CA 92614

Project/PO Number:
FOREMOST HIGHGROVE

Project Manager:
DAVID MCALISTER

Phone Number:
949) 809-5217

Sampler:
D. MCALISTER

Fax Number:
949) 809-5010

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	Analysis Required: OC-CL PEST. 8081A	CL-HERBICIDES 8151A	CAM 17 6010B	HOLD *						Special Instructions
A-1	SOIL	9oz JAR	2	7/24/12	915	N/A	X	X	X	X						* HOLD A PORTION OF THE SAMPLE FOR POTENTIAL 8141
A-2					930											
A-3					945											
A-4					950											
B-1					1000											
B-2					1010											
B-3					1020											
B-4					1030											
C-1					1040											
C-2					1045											
C-3					1050											
C-4					1055											
C-5					1100											
C-6					1105											

Relinquished By:	Date/Time:	Received By:	Date/Time:
	7/24/12 1355		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received in Lab By:	Date/Time: 7/24/12 1353

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours X normal ____

Sample Integrity: (Check)
intact ✓ on ice 9.2°C

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

8/7/2012

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY FORM

17461 Derian Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

TAL-0013(1007)

Client Name/Address:
TETRA TECH GEC
17885 VON KARMAN, SUITE 500
IRVINE, CA 92614

Project/PO Number:
FAIRMONT HIGHGROVE

Project Manager:
DAVID MCALISTER

Phone Number:
(949) 809-5217

Sampler:
D. MCALISTER

Fax Number:
(949) 809-5010

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	Analysis Required: OC Pest. 8081A	Cl-Herbicides 8151A	Cam 17 6010B	Hold *						* Hold a portion of sample for potential 8141 Special Instructions
C-7	SOIL	9oz JAR	2	7/24/12	1110	N/A	X	X	X	X						
C-8					1115											
C-9					1120											

Relinquished By:	Date/Time:	Received By:	Date/Time:	Turnaround Time: (Check)	
	7/24/12 1355			same day ____	72 hours ____
Relinquished By:	Date/Time:	Received By:	Date/Time:	24 hours ____	5 days ____
				48 hours X	normal ____
Relinquished By:	Date/Time:	Received in Lab By:	Date/Time:	Sample Integrity: (Check)	
			7/24/12 1355	intact ✓	on ice 9.2°C

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

8/7/2012

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 440-18184-1

Login Number: 18184

List Source: TestAmerica Irvine

List Number: 1

Creator: Robb, Kathleen

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	D. McAlister
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 440-18184-1

Login Number: 18184
List Number: 1
Creator: Huckaba, Jimmy

List Source: TestAmerica Nashville
List Creation: 07/28/12 10:18 AM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 440-18184-1

Login Number: 18184

List Source: TestAmerica Irvine

List Number: 1

Creator: Robb, Kathleen

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	D. McAlister
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

TestAmerica Job ID: 440-18551-1
Client Project/Site: Foremost Highgrove

For:
Tetra Tech GEO
17885 Von Karman Ave
Suite 500
Irvine, California 92614

Attn: Dave McAlister

Authorized for release by:
8/2/2012 11:28:00 AM

Patty Mata
Project Manager I
patty.mata@testamericainc.com

Table of Contents

Sample Summary

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18551-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-18551-1	SP-1	Solid	07/26/12 15:30	07/27/12 08:30
440-18551-2	SP-2	Solid	07/26/12 15:35	07/27/12 08:30
440-18551-3	SP-3	Solid	07/26/12 15:40	07/27/12 08:30
440-18551-4	SP-4	Solid	07/26/12 15:45	07/27/12 08:30
440-18551-5	SP-5	Solid	07/26/12 15:50	07/27/12 08:30
440-18551-6	SP-6	Solid	07/26/12 15:55	07/27/12 08:30

Job ID: 440-18551-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-18551-1

Comments
No additional comments.

Receipt
The samples were received on 7/27/2012 8:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.8º C.

GC/MS VOA
Method 8260B: The continuing calibration verification (CCV) for Carbon tetrachoride and Dichlorobromomethane associated with batch 41670 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 41670 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

GC VOA
No analytical or quality issues were noted.

GC Semi VOA
Method 8081A: Matrix spikes for batch 9179 could not be recovered due to sample matrix interferences which required sample dilution. The associated laboratory control sample (LCS) met acceptance criteria.

Method 8081A: Matrix spikes for batch 9117 could not be recovered due to sample matrix interferences which required sample dilution. The associated laboratory control sample (LCS) met acceptance criteria.

No other analytical or quality issues were noted.

Metals
Method 6010B: Matrix spikes for batch 41436 could not be recovered due to sample matrix interferences which required sample dilution. The associated laboratory control sample (LCS) met acceptance criteria.

No other analytical or quality issues were noted.

Subcontract Lab
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18551-1

Client Sample ID: SP-1
Date Collected: 07/26/12 15:30
Date Received: 07/27/12 08:30

Lab Sample ID: 440-18551-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		9.9		ug/Kg			07/30/12 11:43	1
Benzene	ND		2.0		ug/Kg			07/30/12 11:43	1
Bromobenzene	ND		5.0		ug/Kg			07/30/12 11:43	1
Bromochloromethane	ND		5.0		ug/Kg			07/30/12 11:43	1
Bromodichloromethane	ND		2.0		ug/Kg			07/30/12 11:43	1
Bromoform	ND		5.0		ug/Kg			07/30/12 11:43	1
Bromomethane	ND		5.0		ug/Kg			07/30/12 11:43	1
2-Butanone (MEK)	ND		9.9		ug/Kg			07/30/12 11:43	1
Carbon tetrachloride	ND		5.0		ug/Kg			07/30/12 11:43	1
Chlorobenzene	ND		2.0		ug/Kg			07/30/12 11:43	1
Chloroethane	ND		5.0		ug/Kg			07/30/12 11:43	1
Chloroform	ND		2.0		ug/Kg			07/30/12 11:43	1
Chloromethane	ND		5.0		ug/Kg			07/30/12 11:43	1
2-Chlorotoluene	ND		5.0		ug/Kg			07/30/12 11:43	1
4-Chlorotoluene	ND		5.0		ug/Kg			07/30/12 11:43	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg			07/30/12 11:43	1
cis-1,3-Dichloropropene	ND		2.0		ug/Kg			07/30/12 11:43	1
Dibromochloromethane	ND		2.0		ug/Kg			07/30/12 11:43	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			07/30/12 11:43	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg			07/30/12 11:43	1
Dibromomethane	ND		2.0		ug/Kg			07/30/12 11:43	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg			07/30/12 11:43	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg			07/30/12 11:43	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg			07/30/12 11:43	1
Dichlorodifluoromethane	ND		5.0		ug/Kg			07/30/12 11:43	1
1,1-Dichloroethane	ND		2.0		ug/Kg			07/30/12 11:43	1
1,2-Dichloroethane	ND		2.0		ug/Kg			07/30/12 11:43	1
1,1-Dichloroethene	ND		5.0		ug/Kg			07/30/12 11:43	1
1,2-Dichloropropane	ND		2.0		ug/Kg			07/30/12 11:43	1
1,3-Dichloropropane	ND		2.0		ug/Kg			07/30/12 11:43	1
2,2-Dichloropropane	ND		2.0		ug/Kg			07/30/12 11:43	1
1,1-Dichloropropene	ND		2.0		ug/Kg			07/30/12 11:43	1
Ethylbenzene	ND		2.0		ug/Kg			07/30/12 11:43	1
Ethyl-t-butyl ether (ETBE)	ND		5.0		ug/Kg			07/30/12 11:43	1
Hexachlorobutadiene	ND		5.0		ug/Kg			07/30/12 11:43	1
2-Hexanone	ND		25		ug/Kg			07/30/12 11:43	1
Isopropylbenzene	ND		2.0		ug/Kg			07/30/12 11:43	1
Isopropyl Ether (DIPE)	ND		5.0		ug/Kg			07/30/12 11:43	1
Methylene Chloride	ND		20		ug/Kg			07/30/12 11:43	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/Kg			07/30/12 11:43	1
Methyl-t-Butyl Ether (MTBE)	ND		5.0		ug/Kg			07/30/12 11:43	1
m,p-Xylene	ND		2.0		ug/Kg			07/30/12 11:43	1
Naphthalene	ND		5.0		ug/Kg			07/30/12 11:43	1
n-Butylbenzene	ND		5.0		ug/Kg			07/30/12 11:43	1
N-Propylbenzene	ND		2.0		ug/Kg			07/30/12 11:43	1
o-Xylene	ND		2.0		ug/Kg			07/30/12 11:43	1
p-Isopropyltoluene	ND		2.0		ug/Kg			07/30/12 11:43	1
sec-Butylbenzene	ND		5.0		ug/Kg			07/30/12 11:43	1
Styrene	ND		2.0		ug/Kg			07/30/12 11:43	1
Tert-amyl-methyl ether (TAME)	ND		5.0		ug/Kg			07/30/12 11:43	1
tert-Butyl alcohol (TBA)	ND		99		ug/Kg			07/30/12 11:43	1

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18551-1

Client Sample ID: SP-1
Date Collected: 07/26/12 15:30
Date Received: 07/27/12 08:30

Lab Sample ID: 440-18551-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	ND		5.0		ug/Kg			07/30/12 11:43	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			07/30/12 11:43	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			07/30/12 11:43	1
Tetrachloroethene	ND		2.0		ug/Kg			07/30/12 11:43	1
Toluene	ND		2.0		ug/Kg			07/30/12 11:43	1
trans-1,2-Dichloroethene	ND		2.0		ug/Kg			07/30/12 11:43	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			07/30/12 11:43	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			07/30/12 11:43	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			07/30/12 11:43	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg			07/30/12 11:43	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg			07/30/12 11:43	1
Trichloroethene	ND		2.0		ug/Kg			07/30/12 11:43	1
Trichlorofluoromethane	ND		5.0		ug/Kg			07/30/12 11:43	1
1,2,3-Trichloropropane	ND		9.9		ug/Kg			07/30/12 11:43	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			07/30/12 11:43	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			07/30/12 11:43	1
Vinyl chloride	ND		5.0		ug/Kg			07/30/12 11:43	1
Xylenes, Total	ND		4.0		ug/Kg			07/30/12 11:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*80 - 120*		*07/30/12 11:43*	*1*
Dibromofluoromethane (Surr)	*113*		*80 - 125*		*07/30/12 11:43*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*		*07/30/12 11:43*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		350		ug/Kg			07/28/12 20:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*65 - 140*		*07/28/12 20:59*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		5.0		mg/Kg		07/31/12 10:17	07/31/12 17:34	1
ORO (C23-C32)	ND		5.0		mg/Kg		07/31/12 10:17	07/31/12 17:34	1
ORO (C33-C40)	ND		5.0		mg/Kg		07/31/12 10:17	07/31/12 17:34	1
C13 - C40	**6.7**		5.0		mg/Kg		07/31/12 10:17	07/31/12 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*57*		*40 - 140*	*07/31/12 10:17*	*07/31/12 17:34*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:12	1
alpha-BHC	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:12	1
alpha-Chlordane	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:12	1
beta-BHC	ND		0.0033		mg/Kg		07/30/12 13:14	07/31/12 16:12	1
Chlordane (technical)	ND		0.066		mg/Kg		07/30/12 13:14	07/31/12 16:12	1
4,4'-DDD	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:12	1
4,4'-DDE	**0.027**		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:12	1
4,4'-DDT	**0.0060**		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:12	1
delta-BHC	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:12	1

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18551-1

Client Sample ID: SP-1
Date Collected: 07/26/12 15:30
Date Received: 07/27/12 08:30

Lab Sample ID: 440-18551-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Dieldrin	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:12	1
Endosulfan I	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:12	1
Endosulfan II	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:12	1
Endosulfan sulfate	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:12	1
Endrin	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:12	1
Endrin aldehyde	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:12	1
Endrin ketone	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:12	1
gamma-BHC (Lindane)	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:12	1
gamma-Chlordane	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:12	1
Heptachlor	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:12	1
Heptachlor epoxide	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:12	1
Methoxychlor	ND		0.0033		mg/Kg		07/30/12 13:14	07/31/12 16:12	1
Toxaphene	ND		0.066		mg/Kg		07/30/12 13:14	07/31/12 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*65*		*25 - 150*	*07/30/12 13:14*	*07/31/12 16:12*	*1*
Tetrachloro-m-xylene	*82*		*21 - 145*	*07/30/12 13:14*	*07/31/12 16:12*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50		ug/Kg		07/30/12 09:00	07/31/12 02:06	1
Aroclor 1221	ND		50		ug/Kg		07/30/12 09:00	07/31/12 02:06	1
Aroclor 1232	ND		50		ug/Kg		07/30/12 09:00	07/31/12 02:06	1
Aroclor 1242	ND		50		ug/Kg		07/30/12 09:00	07/31/12 02:06	1
Aroclor 1248	ND		50		ug/Kg		07/30/12 09:00	07/31/12 02:06	1
Aroclor 1254	ND		50		ug/Kg		07/30/12 09:00	07/31/12 02:06	1
Aroclor 1260	ND		50		ug/Kg		07/30/12 09:00	07/31/12 02:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*83*		*45 - 120*	*07/30/12 09:00*	*07/31/12 02:06*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg		07/27/12 11:18	07/30/12 13:55	5
Arsenic	**3.4**		2.0		mg/Kg		07/27/12 11:18	07/30/12 13:55	5
Barium	**160**		1.0		mg/Kg		07/27/12 11:18	07/30/12 13:55	5
Beryllium	ND		0.50		mg/Kg		07/27/12 11:18	07/30/12 13:55	5
Cadmium	ND		0.50		mg/Kg		07/27/12 11:18	07/30/12 13:55	5
Chromium	**15**		1.0		mg/Kg		07/27/12 11:18	07/30/12 13:55	5
Cobalt	**5.4**		1.0		mg/Kg		07/27/12 11:18	07/30/12 13:55	5
Copper	**14**		2.0		mg/Kg		07/27/12 11:18	07/30/12 13:55	5
Lead	**7.9**		2.0		mg/Kg		07/27/12 11:18	07/30/12 13:55	5
Molybdenum	**2.2**		2.0		mg/Kg		07/27/12 11:18	07/30/12 13:55	5
Nickel	**8.1**		2.0		mg/Kg		07/27/12 11:18	07/30/12 13:55	5
Selenium	**3.8**		2.0		mg/Kg		07/27/12 11:18	07/30/12 13:55	5
Thallium	ND		10		mg/Kg		07/27/12 11:18	07/30/12 13:55	5
Vanadium	**31**		1.0		mg/Kg		07/27/12 11:18	07/30/12 13:55	5
Zinc	**77**		5.0		mg/Kg		07/27/12 11:18	07/30/12 13:55	5
Silver	ND		1.0		mg/Kg		07/27/12 11:18	07/30/12 13:55	5

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18551-1

Client Sample ID: SP-1

Lab Sample ID: 440-18551-1

Date Collected: 07/26/12 15:30

Matrix: Solid

Date Received: 07/27/12 08:30

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.035		0.020		mg/Kg		07/31/12 15:50	08/01/12 14:55	1

Client Sample ID: SP-2

Lab Sample ID: 440-18551-2

Date Collected: 07/26/12 15:35

Matrix: Solid

Date Received: 07/27/12 08:30

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10		ug/Kg			07/30/12 12:11	1
Benzene	ND		2.0		ug/Kg			07/30/12 12:11	1
Bromobenzene	ND		5.0		ug/Kg			07/30/12 12:11	1
Bromochloromethane	ND		5.0		ug/Kg			07/30/12 12:11	1
Bromodichloromethane	ND		2.0		ug/Kg			07/30/12 12:11	1
Bromoform	ND		5.0		ug/Kg			07/30/12 12:11	1
Bromomethane	ND		5.0		ug/Kg			07/30/12 12:11	1
2-Butanone (MEK)	ND		10		ug/Kg			07/30/12 12:11	1
Carbon tetrachloride	ND		5.0		ug/Kg			07/30/12 12:11	1
Chlorobenzene	ND		2.0		ug/Kg			07/30/12 12:11	1
Chloroethane	ND		5.0		ug/Kg			07/30/12 12:11	1
Chloroform	ND		2.0		ug/Kg			07/30/12 12:11	1
Chloromethane	ND		5.0		ug/Kg			07/30/12 12:11	1
2-Chlorotoluene	ND		5.0		ug/Kg			07/30/12 12:11	1
4-Chlorotoluene	ND		5.0		ug/Kg			07/30/12 12:11	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg			07/30/12 12:11	1
cis-1,3-Dichloropropene	ND		2.0		ug/Kg			07/30/12 12:11	1
Dibromochloromethane	ND		2.0		ug/Kg			07/30/12 12:11	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			07/30/12 12:11	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg			07/30/12 12:11	1
Dibromomethane	ND		2.0		ug/Kg			07/30/12 12:11	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg			07/30/12 12:11	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg			07/30/12 12:11	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg			07/30/12 12:11	1
Dichlorodifluoromethane	ND		5.0		ug/Kg			07/30/12 12:11	1
1,1-Dichloroethane	ND		2.0		ug/Kg			07/30/12 12:11	1
1,2-Dichloroethane	ND		2.0		ug/Kg			07/30/12 12:11	1
1,1-Dichloroethene	ND		5.0		ug/Kg			07/30/12 12:11	1
1,2-Dichloropropane	ND		2.0		ug/Kg			07/30/12 12:11	1
1,3-Dichloropropane	ND		2.0		ug/Kg			07/30/12 12:11	1
2,2-Dichloropropane	ND		2.0		ug/Kg			07/30/12 12:11	1
1,1-Dichloropropene	ND		2.0		ug/Kg			07/30/12 12:11	1
Ethylbenzene	ND		2.0		ug/Kg			07/30/12 12:11	1
Ethyl-t-butyl ether (ETBE)	ND		5.0		ug/Kg			07/30/12 12:11	1
Hexachlorobutadiene	ND		5.0		ug/Kg			07/30/12 12:11	1
2-Hexanone	ND		25		ug/Kg			07/30/12 12:11	1
Isopropylbenzene	ND		2.0		ug/Kg			07/30/12 12:11	1
Isopropyl Ether (DIPE)	ND		5.0		ug/Kg			07/30/12 12:11	1
Methylene Chloride	ND		20		ug/Kg			07/30/12 12:11	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/Kg			07/30/12 12:11	1
Methyl-t-Butyl Ether (MTBE)	ND		5.0		ug/Kg			07/30/12 12:11	1
m,p-Xylene	ND		2.0		ug/Kg			07/30/12 12:11	1
Naphthalene	ND		5.0		ug/Kg			07/30/12 12:11	1

Client Sample ID: SP-2
Date Collected: 07/26/12 15:35
Date Received: 07/27/12 08:30

Lab Sample ID: 440-18551-2
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	ND		5.0		ug/Kg			07/30/12 12:11	1
N-Propylbenzene	ND		2.0		ug/Kg			07/30/12 12:11	1
o-Xylene	ND		2.0		ug/Kg			07/30/12 12:11	1
p-Isopropyltoluene	ND		2.0		ug/Kg			07/30/12 12:11	1
sec-Butylbenzene	ND		5.0		ug/Kg			07/30/12 12:11	1
Styrene	ND		2.0		ug/Kg			07/30/12 12:11	1
Tert-amyl-methyl ether (TAME)	ND		5.0		ug/Kg			07/30/12 12:11	1
tert-Butyl alcohol (TBA)	ND		100		ug/Kg			07/30/12 12:11	1
tert-Butylbenzene	ND		5.0		ug/Kg			07/30/12 12:11	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			07/30/12 12:11	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			07/30/12 12:11	1
Tetrachloroethene	ND		2.0		ug/Kg			07/30/12 12:11	1
Toluene	ND		2.0		ug/Kg			07/30/12 12:11	1
trans-1,2-Dichloroethene	ND		2.0		ug/Kg			07/30/12 12:11	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			07/30/12 12:11	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			07/30/12 12:11	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			07/30/12 12:11	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg			07/30/12 12:11	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg			07/30/12 12:11	1
Trichloroethene	ND		2.0		ug/Kg			07/30/12 12:11	1
Trichlorofluoromethane	ND		5.0		ug/Kg			07/30/12 12:11	1
1,2,3-Trichloropropane	ND		10		ug/Kg			07/30/12 12:11	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			07/30/12 12:11	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			07/30/12 12:11	1
Vinyl chloride	ND		5.0		ug/Kg			07/30/12 12:11	1
Xylenes, Total	ND		4.0		ug/Kg			07/30/12 12:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*80 - 120*		*07/30/12 12:11*	*1*
Dibromofluoromethane (Surr)	*115*		*80 - 125*		*07/30/12 12:11*	*1*
Toluene-d8 (Surr)	*111*		*80 - 120*		*07/30/12 12:11*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		390		ug/Kg			07/28/12 22:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*65 - 140*		*07/28/12 22:20*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		5.0		mg/Kg		07/31/12 10:17	07/31/12 17:55	1
ORO (C23-C32)	ND		5.0		mg/Kg		07/31/12 10:17	07/31/12 17:55	1
ORO (C33-C40)	ND		5.0		mg/Kg		07/31/12 10:17	07/31/12 17:55	1
C13 - C40	**5.1**		5.0		mg/Kg		07/31/12 10:17	07/31/12 17:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*60*		*40 - 140*	*07/31/12 10:17*	*07/31/12 17:55*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:26	1

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18551-1

Client Sample ID: SP-2
Date Collected: 07/26/12 15:35
Date Received: 07/27/12 08:30

Lab Sample ID: 440-18551-2
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:26	1
alpha-Chlordane	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:26	1
beta-BHC	ND		0.0033		mg/Kg		07/30/12 13:14	07/31/12 16:26	1
Chlordane (technical)	ND		0.066		mg/Kg		07/30/12 13:14	07/31/12 16:26	1
4,4'-DDD	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:26	1
4,4'-DDE	**0.040**		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:26	1
4,4'-DDT	**0.0092**		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:26	1
delta-BHC	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:26	1
Dieldrin	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:26	1
Endosulfan I	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:26	1
Endosulfan II	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:26	1
Endosulfan sulfate	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:26	1
Endrin	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:26	1
Endrin aldehyde	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:26	1
Endrin ketone	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:26	1
gamma-BHC (Lindane)	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:26	1
gamma-Chlordane	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:26	1
Heptachlor	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:26	1
Heptachlor epoxide	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:26	1
Methoxychlor	ND		0.0033		mg/Kg		07/30/12 13:14	07/31/12 16:26	1
Toxaphene	ND		0.066		mg/Kg		07/30/12 13:14	07/31/12 16:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*60*		*25 - 150*	*07/30/12 13:14*	*07/31/12 16:26*	*1*
Tetrachloro-m-xylene	*77*		*21 - 145*	*07/30/12 13:14*	*07/31/12 16:26*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50		ug/Kg		07/30/12 09:00	07/31/12 02:21	1
Aroclor 1221	ND		50		ug/Kg		07/30/12 09:00	07/31/12 02:21	1
Aroclor 1232	ND		50		ug/Kg		07/30/12 09:00	07/31/12 02:21	1
Aroclor 1242	ND		50		ug/Kg		07/30/12 09:00	07/31/12 02:21	1
Aroclor 1248	ND		50		ug/Kg		07/30/12 09:00	07/31/12 02:21	1
Aroclor 1254	ND		50		ug/Kg		07/30/12 09:00	07/31/12 02:21	1
Aroclor 1260	ND		50		ug/Kg		07/30/12 09:00	07/31/12 02:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*88*		*45 - 120*	*07/30/12 09:00*	*07/31/12 02:21*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg		07/27/12 11:18	07/30/12 13:57	5
Arsenic	**3.8**		2.0		mg/Kg		07/27/12 11:18	07/30/12 13:57	5
Barium	**160**		1.0		mg/Kg		07/27/12 11:18	07/30/12 13:57	5
Beryllium	ND		0.51		mg/Kg		07/27/12 11:18	07/30/12 13:57	5
Cadmium	ND		0.51		mg/Kg		07/27/12 11:18	07/30/12 13:57	5
Chromium	**14**		1.0		mg/Kg		07/27/12 11:18	07/30/12 13:57	5
Cobalt	**5.3**		1.0		mg/Kg		07/27/12 11:18	07/30/12 13:57	5
Copper	**56**		2.0		mg/Kg		07/27/12 11:18	07/30/12 13:57	5
Lead	**8.0**		2.0		mg/Kg		07/27/12 11:18	07/30/12 13:57	5
Molybdenum	**2.6**		2.0		mg/Kg		07/27/12 11:18	07/30/12 13:57	5
Nickel	**8.1**		2.0		mg/Kg		07/27/12 11:18	07/30/12 13:57	5

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18551-1

Client Sample ID: SP-2

Date Collected: 07/26/12 15:35
Date Received: 07/27/12 08:30

Lab Sample ID: 440-18551-2
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Selenium	**4.8**		2.0		mg/Kg		07/27/12 11:18	07/30/12 13:57	5
Thallium	ND		10		mg/Kg		07/27/12 11:18	07/30/12 13:57	5
Vanadium	**31**		1.0		mg/Kg		07/27/12 11:18	07/30/12 13:57	5
Zinc	**74**		5.1		mg/Kg		07/27/12 11:18	07/30/12 13:57	5
Silver	ND		1.0		mg/Kg		07/27/12 11:18	07/30/12 13:57	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.031**		0.020		mg/Kg		07/31/12 15:50	08/01/12 14:57	1

Client Sample ID: SP-3

Date Collected: 07/26/12 15:40
Date Received: 07/27/12 08:30

Lab Sample ID: 440-18551-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10		ug/Kg			07/30/12 12:39	1
Benzene	ND		2.0		ug/Kg			07/30/12 12:39	1
Bromobenzene	ND		5.0		ug/Kg			07/30/12 12:39	1
Bromochloromethane	ND		5.0		ug/Kg			07/30/12 12:39	1
Bromodichloromethane	ND		2.0		ug/Kg			07/30/12 12:39	1
Bromoform	ND		5.0		ug/Kg			07/30/12 12:39	1
Bromomethane	ND		5.0		ug/Kg			07/30/12 12:39	1
2-Butanone (MEK)	ND		10		ug/Kg			07/30/12 12:39	1
Carbon tetrachloride	ND		5.0		ug/Kg			07/30/12 12:39	1
Chlorobenzene	ND		2.0		ug/Kg			07/30/12 12:39	1
Chloroethane	ND		5.0		ug/Kg			07/30/12 12:39	1
Chloroform	ND		2.0		ug/Kg			07/30/12 12:39	1
Chloromethane	ND		5.0		ug/Kg			07/30/12 12:39	1
2-Chlorotoluene	ND		5.0		ug/Kg			07/30/12 12:39	1
4-Chlorotoluene	ND		5.0		ug/Kg			07/30/12 12:39	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg			07/30/12 12:39	1
cis-1,3-Dichloropropene	ND		2.0		ug/Kg			07/30/12 12:39	1
Dibromochloromethane	ND		2.0		ug/Kg			07/30/12 12:39	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			07/30/12 12:39	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg			07/30/12 12:39	1
Dibromomethane	ND		2.0		ug/Kg			07/30/12 12:39	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg			07/30/12 12:39	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg			07/30/12 12:39	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg			07/30/12 12:39	1
Dichlorodifluoromethane	ND		5.0		ug/Kg			07/30/12 12:39	1
1,1-Dichloroethane	ND		2.0		ug/Kg			07/30/12 12:39	1
1,2-Dichloroethane	ND		2.0		ug/Kg			07/30/12 12:39	1
1,1-Dichloroethene	ND		5.0		ug/Kg			07/30/12 12:39	1
1,2-Dichloropropane	ND		2.0		ug/Kg			07/30/12 12:39	1
1,3-Dichloropropane	ND		2.0		ug/Kg			07/30/12 12:39	1
2,2-Dichloropropane	ND		2.0		ug/Kg			07/30/12 12:39	1
1,1-Dichloropropene	ND		2.0		ug/Kg			07/30/12 12:39	1
Ethylbenzene	ND		2.0		ug/Kg			07/30/12 12:39	1
Ethyl-t-butyl ether (ETBE)	ND		5.0		ug/Kg			07/30/12 12:39	1
Hexachlorobutadiene	ND		5.0		ug/Kg			07/30/12 12:39	1

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18551-1

Client Sample ID: SP-3
Date Collected: 07/26/12 15:40
Date Received: 07/27/12 08:30

Lab Sample ID: 440-18551-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	ND		25		ug/Kg			07/30/12 12:39	1
Isopropylbenzene	ND		2.0		ug/Kg			07/30/12 12:39	1
Isopropyl Ether (DIPE)	ND		5.0		ug/Kg			07/30/12 12:39	1
Methylene Chloride	ND		20		ug/Kg			07/30/12 12:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/Kg			07/30/12 12:39	1
Methyl-t-Butyl Ether (MTBE)	ND		5.0		ug/Kg			07/30/12 12:39	1
m,p-Xylene	ND		2.0		ug/Kg			07/30/12 12:39	1
Naphthalene	ND		5.0		ug/Kg			07/30/12 12:39	1
n-Butylbenzene	ND		5.0		ug/Kg			07/30/12 12:39	1
N-Propylbenzene	ND		2.0		ug/Kg			07/30/12 12:39	1
o-Xylene	ND		2.0		ug/Kg			07/30/12 12:39	1
p-Isopropyltoluene	ND		2.0		ug/Kg			07/30/12 12:39	1
sec-Butylbenzene	ND		5.0		ug/Kg			07/30/12 12:39	1
Styrene	ND		2.0		ug/Kg			07/30/12 12:39	1
Tert-amyl-methyl ether (TAME)	ND		5.0		ug/Kg			07/30/12 12:39	1
tert-Butyl alcohol (TBA)	ND		100		ug/Kg			07/30/12 12:39	1
tert-Butylbenzene	ND		5.0		ug/Kg			07/30/12 12:39	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			07/30/12 12:39	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			07/30/12 12:39	1
Tetrachloroethene	ND		2.0		ug/Kg			07/30/12 12:39	1
Toluene	ND		2.0		ug/Kg			07/30/12 12:39	1
trans-1,2-Dichloroethene	ND		2.0		ug/Kg			07/30/12 12:39	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			07/30/12 12:39	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			07/30/12 12:39	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			07/30/12 12:39	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg			07/30/12 12:39	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg			07/30/12 12:39	1
Trichloroethene	ND		2.0		ug/Kg			07/30/12 12:39	1
Trichlorofluoromethane	ND		5.0		ug/Kg			07/30/12 12:39	1
1,2,3-Trichloropropane	ND		10		ug/Kg			07/30/12 12:39	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			07/30/12 12:39	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			07/30/12 12:39	1
Vinyl chloride	ND		5.0		ug/Kg			07/30/12 12:39	1
Xylenes, Total	ND		4.0		ug/Kg			07/30/12 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*80 - 120*		*07/30/12 12:39*	*1*
Dibromofluoromethane (Surr)	*120*		*80 - 125*		*07/30/12 12:39*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*		*07/30/12 12:39*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		340		ug/Kg			07/28/12 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*68*		*65 - 140*		*07/28/12 22:47*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		5.0		mg/Kg		07/31/12 10:17	07/31/12 18:15	1
ORO (C23-C32)	ND		5.0		mg/Kg		07/31/12 10:17	07/31/12 18:15	1
ORO (C33-C40)	ND		5.0		mg/Kg		07/31/12 10:17	07/31/12 18:15	1

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18551-1

Client Sample ID: SP-3
Date Collected: 07/26/12 15:40
Date Received: 07/27/12 08:30

Lab Sample ID: 440-18551-3
Matrix: Solid

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C13 - C40	ND		5.0		mg/Kg		07/31/12 10:17	07/31/12 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*63*		*40 - 140*	*07/31/12 10:17*	*07/31/12 18:15*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:40	1
alpha-BHC	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:40	1
alpha-Chlordane	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:40	1
beta-BHC	ND		0.0032		mg/Kg		07/30/12 13:14	07/31/12 16:40	1
Chlordane (technical)	ND		0.065		mg/Kg		07/30/12 13:14	07/31/12 16:40	1
4,4'-DDD	**0.0023**		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:40	1
4,4'-DDE	**0.034**		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:40	1
4,4'-DDT	**0.0026**		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:40	1
delta-BHC	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:40	1
Dieldrin	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:40	1
Endosulfan I	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:40	1
Endosulfan II	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:40	1
Endosulfan sulfate	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:40	1
Endrin	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:40	1
Endrin aldehyde	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:40	1
Endrin ketone	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:40	1
gamma-BHC (Lindane)	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:40	1
gamma-Chlordane	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:40	1
Heptachlor	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:40	1
Heptachlor epoxide	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 16:40	1
Methoxychlor	ND		0.0032		mg/Kg		07/30/12 13:14	07/31/12 16:40	1
Toxaphene	ND		0.065		mg/Kg		07/30/12 13:14	07/31/12 16:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*70*		*25 - 150*	*07/30/12 13:14*	*07/31/12 16:40*	*1*
Tetrachloro-m-xylene	*83*		*21 - 145*	*07/30/12 13:14*	*07/31/12 16:40*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50		ug/Kg		07/30/12 09:00	07/31/12 02:36	1
Aroclor 1221	ND		50		ug/Kg		07/30/12 09:00	07/31/12 02:36	1
Aroclor 1232	ND		50		ug/Kg		07/30/12 09:00	07/31/12 02:36	1
Aroclor 1242	ND		50		ug/Kg		07/30/12 09:00	07/31/12 02:36	1
Aroclor 1248	ND		50		ug/Kg		07/30/12 09:00	07/31/12 02:36	1
Aroclor 1254	ND		50		ug/Kg		07/30/12 09:00	07/31/12 02:36	1
Aroclor 1260	ND		50		ug/Kg		07/30/12 09:00	07/31/12 02:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*89*		*45 - 120*	*07/30/12 09:00*	*07/31/12 02:36*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.8		mg/Kg		07/27/12 11:18	07/30/12 14:17	5
Arsenic	**3.4**		2.0		mg/Kg		07/27/12 11:18	07/30/12 14:17	5
Barium	**190**		0.98		mg/Kg		07/27/12 11:18	07/30/12 14:17	5

Client Sample ID: SP-3

Lab Sample ID: 440-18551-3

Date Collected: 07/26/12 15:40

Matrix: Solid

Date Received: 07/27/12 08:30

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.49		mg/Kg		07/27/12 11:18	07/30/12 14:17	5
Cadmium	ND		0.49		mg/Kg		07/27/12 11:18	07/30/12 14:17	5
Chromium	**11**		0.98		mg/Kg		07/27/12 11:18	07/30/12 14:17	5
Cobalt	**5.7**		0.98		mg/Kg		07/27/12 11:18	07/30/12 14:17	5
Copper	**14**		2.0		mg/Kg		07/27/12 11:18	07/30/12 14:17	5
Lead	**7.8**		2.0		mg/Kg		07/27/12 11:18	07/30/12 14:17	5
Molybdenum	**2.2**		2.0		mg/Kg		07/27/12 11:18	07/30/12 14:17	5
Nickel	**5.2**		2.0		mg/Kg		07/27/12 11:18	07/30/12 14:17	5
Selenium	**4.8**		2.0		mg/Kg		07/27/12 11:18	07/30/12 14:17	5
Thallium	ND		9.8		mg/Kg		07/27/12 11:18	07/30/12 14:17	5
Vanadium	**33**		0.98		mg/Kg		07/27/12 11:18	07/30/12 14:17	5
Zinc	**87**		4.9		mg/Kg		07/27/12 11:18	07/30/12 14:17	5
Silver	ND		0.98		mg/Kg		07/27/12 11:18	07/30/12 14:17	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.038**		0.020		mg/Kg		07/31/12 15:50	08/01/12 15:00	1

Client Sample ID: SP-4

Lab Sample ID: 440-18551-4

Date Collected: 07/26/12 15:45

Matrix: Solid

Date Received: 07/27/12 08:30

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		9.9		ug/Kg			07/30/12 10:20	1
Benzene	ND		2.0		ug/Kg			07/30/12 10:20	1
Bromobenzene	ND		5.0		ug/Kg			07/30/12 10:20	1
Bromochloromethane	ND		5.0		ug/Kg			07/30/12 10:20	1
Bromodichloromethane	ND		2.0		ug/Kg			07/30/12 10:20	1
Bromoform	ND		5.0		ug/Kg			07/30/12 10:20	1
Bromomethane	ND		5.0		ug/Kg			07/30/12 10:20	1
2-Butanone (MEK)	ND		9.9		ug/Kg			07/30/12 10:20	1
Carbon tetrachloride	ND		5.0		ug/Kg			07/30/12 10:20	1
Chlorobenzene	ND		2.0		ug/Kg			07/30/12 10:20	1
Chloroethane	ND		5.0		ug/Kg			07/30/12 10:20	1
Chloroform	ND		2.0		ug/Kg			07/30/12 10:20	1
Chloromethane	ND		5.0		ug/Kg			07/30/12 10:20	1
2-Chlorotoluene	ND		5.0		ug/Kg			07/30/12 10:20	1
4-Chlorotoluene	ND		5.0		ug/Kg			07/30/12 10:20	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg			07/30/12 10:20	1
cis-1,3-Dichloropropene	ND		2.0		ug/Kg			07/30/12 10:20	1
Dibromochloromethane	ND		2.0		ug/Kg			07/30/12 10:20	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			07/30/12 10:20	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg			07/30/12 10:20	1
Dibromomethane	ND		2.0		ug/Kg			07/30/12 10:20	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg			07/30/12 10:20	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg			07/30/12 10:20	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg			07/30/12 10:20	1
Dichlorodifluoromethane	ND		5.0		ug/Kg			07/30/12 10:20	1
1,1-Dichloroethane	ND		2.0		ug/Kg			07/30/12 10:20	1
1,2-Dichloroethane	ND		2.0		ug/Kg			07/30/12 10:20	1

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18551-1

Client Sample ID: SP-4
Date Collected: 07/26/12 15:45
Date Received: 07/27/12 08:30

Lab Sample ID: 440-18551-4
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		5.0		ug/Kg			07/30/12 10:20	1
1,2-Dichloropropane	ND		2.0		ug/Kg			07/30/12 10:20	1
1,3-Dichloropropane	ND		2.0		ug/Kg			07/30/12 10:20	1
2,2-Dichloropropane	ND		2.0		ug/Kg			07/30/12 10:20	1
1,1-Dichloropropene	ND		2.0		ug/Kg			07/30/12 10:20	1
Ethylbenzene	ND		2.0		ug/Kg			07/30/12 10:20	1
Ethyl-t-butyl ether (ETBE)	ND		5.0		ug/Kg			07/30/12 10:20	1
Hexachlorobutadiene	ND		5.0		ug/Kg			07/30/12 10:20	1
2-Hexanone	ND		25		ug/Kg			07/30/12 10:20	1
Isopropylbenzene	ND		2.0		ug/Kg			07/30/12 10:20	1
Isopropyl Ether (DIPE)	ND		5.0		ug/Kg			07/30/12 10:20	1
Methylene Chloride	ND		20		ug/Kg			07/30/12 10:20	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/Kg			07/30/12 10:20	1
Methyl-t-Butyl Ether (MTBE)	ND		5.0		ug/Kg			07/30/12 10:20	1
m,p-Xylene	ND		2.0		ug/Kg			07/30/12 10:20	1
Naphthalene	ND		5.0		ug/Kg			07/30/12 10:20	1
n-Butylbenzene	ND		5.0		ug/Kg			07/30/12 10:20	1
N-Propylbenzene	ND		2.0		ug/Kg			07/30/12 10:20	1
o-Xylene	ND		2.0		ug/Kg			07/30/12 10:20	1
p-Isopropyltoluene	ND		2.0		ug/Kg			07/30/12 10:20	1
sec-Butylbenzene	ND		5.0		ug/Kg			07/30/12 10:20	1
Styrene	ND		2.0		ug/Kg			07/30/12 10:20	1
Tert-amyl-methyl ether (TAME)	ND		5.0		ug/Kg			07/30/12 10:20	1
tert-Butyl alcohol (TBA)	ND		99		ug/Kg			07/30/12 10:20	1
tert-Butylbenzene	ND		5.0		ug/Kg			07/30/12 10:20	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			07/30/12 10:20	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			07/30/12 10:20	1
Tetrachloroethene	ND		2.0		ug/Kg			07/30/12 10:20	1
Toluene	ND		2.0		ug/Kg			07/30/12 10:20	1
trans-1,2-Dichloroethene	ND		2.0		ug/Kg			07/30/12 10:20	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			07/30/12 10:20	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			07/30/12 10:20	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			07/30/12 10:20	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg			07/30/12 10:20	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg			07/30/12 10:20	1
Trichloroethene	ND		2.0		ug/Kg			07/30/12 10:20	1
Trichlorofluoromethane	ND		5.0		ug/Kg			07/30/12 10:20	1
1,2,3-Trichloropropane	ND		9.9		ug/Kg			07/30/12 10:20	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			07/30/12 10:20	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			07/30/12 10:20	1
Vinyl chloride	ND		5.0		ug/Kg			07/30/12 10:20	1
Xylenes, Total	ND		4.0		ug/Kg			07/30/12 10:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*80 - 120*		*07/30/12 10:20*	*1*
Dibromofluoromethane (Surr)	*117*		*80 - 125*		*07/30/12 10:20*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*07/30/12 10:20*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		390		ug/Kg			07/28/12 23:14	1

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18551-1

Client Sample ID: SP-4
Date Collected: 07/26/12 15:45
Date Received: 07/27/12 08:30

Lab Sample ID: 440-18551-4
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*65 - 140*		*07/28/12 23:14*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		5.0	mg/Kg		07/31/12 10:17	07/31/12 18:35	1
ORO (C23-C32)	ND		5.0	mg/Kg		07/31/12 10:17	07/31/12 18:35	1
ORO (C33-C40)	ND		5.0	mg/Kg		07/31/12 10:17	07/31/12 18:35	1
C13 - C40	ND		5.0	mg/Kg		07/31/12 10:17	07/31/12 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*58*		*40 - 140*	*07/31/12 10:17*	*07/31/12 18:35*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.0017	mg/Kg		07/30/12 16:11	07/31/12 14:46	1
alpha-BHC	ND		0.0017	mg/Kg		07/30/12 16:11	07/31/12 14:46	1
alpha-Chlordane	ND		0.0017	mg/Kg		07/30/12 16:11	07/31/12 14:46	1
beta-BHC	ND		0.0033	mg/Kg		07/30/12 16:11	07/31/12 14:46	1
Chlordane (technical)	ND		0.067	mg/Kg		07/30/12 16:11	07/31/12 14:46	1
4,4'-DDD	ND		0.0017	mg/Kg		07/30/12 16:11	07/31/12 14:46	1
4,4'-DDE	**0.038**		0.0017	mg/Kg		07/30/12 16:11	07/31/12 14:46	1
4,4'-DDT	**0.0047**		0.0017	mg/Kg		07/30/12 16:11	07/31/12 14:46	1
delta-BHC	ND		0.0017	mg/Kg		07/30/12 16:11	07/31/12 14:46	1
Dieldrin	ND		0.0017	mg/Kg		07/30/12 16:11	07/31/12 14:46	1
Endosulfan I	ND		0.0017	mg/Kg		07/30/12 16:11	07/31/12 14:46	1
Endosulfan II	ND		0.0017	mg/Kg		07/30/12 16:11	07/31/12 14:46	1
Endosulfan sulfate	ND		0.0017	mg/Kg		07/30/12 16:11	07/31/12 14:46	1
Endrin	ND		0.0017	mg/Kg		07/30/12 16:11	07/31/12 14:46	1
Endrin aldehyde	ND		0.0017	mg/Kg		07/30/12 16:11	07/31/12 14:46	1
Endrin ketone	ND		0.0017	mg/Kg		07/30/12 16:11	07/31/12 14:46	1
gamma-BHC (Lindane)	ND		0.0017	mg/Kg		07/30/12 16:11	07/31/12 14:46	1
gamma-Chlordane	ND		0.0017	mg/Kg		07/30/12 16:11	07/31/12 14:46	1
Heptachlor	ND		0.0017	mg/Kg		07/30/12 16:11	07/31/12 14:46	1
Heptachlor epoxide	ND		0.0017	mg/Kg		07/30/12 16:11	07/31/12 14:46	1
Methoxychlor	ND		0.0033	mg/Kg		07/30/12 16:11	07/31/12 14:46	1
Toxaphene	ND		0.067	mg/Kg		07/30/12 16:11	07/31/12 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*68*		*25 - 150*	*07/30/12 16:11*	*07/31/12 14:46*	*1*
Tetrachloro-m-xylene	*74*		*21 - 145*	*07/30/12 16:11*	*07/31/12 14:46*	*1*

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	ug/Kg		07/30/12 09:00	07/31/12 02:51	1
Aroclor 1221	ND		50	ug/Kg		07/30/12 09:00	07/31/12 02:51	1
Aroclor 1232	ND		50	ug/Kg		07/30/12 09:00	07/31/12 02:51	1
Aroclor 1242	ND		50	ug/Kg		07/30/12 09:00	07/31/12 02:51	1
Aroclor 1248	ND		50	ug/Kg		07/30/12 09:00	07/31/12 02:51	1
Aroclor 1254	ND		50	ug/Kg		07/30/12 09:00	07/31/12 02:51	1
Aroclor 1260	ND		50	ug/Kg		07/30/12 09:00	07/31/12 02:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*90*		*45 - 120*	*07/30/12 09:00*	*07/31/12 02:51*	*1*

Client Sample ID: SP-4

Date Collected: 07/26/12 15:45
Date Received: 07/27/12 08:30

Lab Sample ID: 440-18551-4
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.9		mg/Kg		07/27/12 11:18	07/30/12 14:19	5
Arsenic	**3.5**		2.0		mg/Kg		07/27/12 11:18	07/30/12 14:19	5
Barium	**170**		0.99		mg/Kg		07/27/12 11:18	07/30/12 14:19	5
Beryllium	ND		0.50		mg/Kg		07/27/12 11:18	07/30/12 14:19	5
Cadmium	ND		0.50		mg/Kg		07/27/12 11:18	07/30/12 14:19	5
Chromium	**10**		0.99		mg/Kg		07/27/12 11:18	07/30/12 14:19	5
Cobalt	**5.1**		0.99		mg/Kg		07/27/12 11:18	07/30/12 14:19	5
Copper	**13**		2.0		mg/Kg		07/27/12 11:18	07/30/12 14:19	5
Lead	**7.9**		2.0		mg/Kg		07/27/12 11:18	07/30/12 14:19	5
Molybdenum	**2.3**		2.0		mg/Kg		07/27/12 11:18	07/30/12 14:19	5
Nickel	**4.7**		2.0		mg/Kg		07/27/12 11:18	07/30/12 14:19	5
Selenium	**4.1**		2.0		mg/Kg		07/27/12 11:18	07/30/12 14:19	5
Thallium	ND		9.9		mg/Kg		07/27/12 11:18	07/30/12 14:19	5
Vanadium	**33**		0.99		mg/Kg		07/27/12 11:18	07/30/12 14:19	5
Zinc	**81**		5.0		mg/Kg		07/27/12 11:18	07/30/12 14:19	5
Silver	ND		0.99		mg/Kg		07/27/12 11:18	07/30/12 14:19	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.036**		0.020		mg/Kg		07/31/12 15:50	08/01/12 15:02	1

Client Sample ID: SP-5

Date Collected: 07/26/12 15:50
Date Received: 07/27/12 08:30

Lab Sample ID: 440-18551-5
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		9.9		ug/Kg			07/30/12 13:06	1
Benzene	ND		2.0		ug/Kg			07/30/12 13:06	1
Bromobenzene	ND		5.0		ug/Kg			07/30/12 13:06	1
Bromochloromethane	ND		5.0		ug/Kg			07/30/12 13:06	1
Bromodichloromethane	ND		2.0		ug/Kg			07/30/12 13:06	1
Bromoform	ND		5.0		ug/Kg			07/30/12 13:06	1
Bromomethane	ND		5.0		ug/Kg			07/30/12 13:06	1
2-Butanone (MEK)	ND		9.9		ug/Kg			07/30/12 13:06	1
Carbon tetrachloride	ND		5.0		ug/Kg			07/30/12 13:06	1
Chlorobenzene	ND		2.0		ug/Kg			07/30/12 13:06	1
Chloroethane	ND		5.0		ug/Kg			07/30/12 13:06	1
Chloroform	ND		2.0		ug/Kg			07/30/12 13:06	1
Chloromethane	ND		5.0		ug/Kg			07/30/12 13:06	1
2-Chlorotoluene	ND		5.0		ug/Kg			07/30/12 13:06	1
4-Chlorotoluene	ND		5.0		ug/Kg			07/30/12 13:06	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg			07/30/12 13:06	1
cis-1,3-Dichloropropene	ND		2.0		ug/Kg			07/30/12 13:06	1
Dibromochloromethane	ND		2.0		ug/Kg			07/30/12 13:06	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			07/30/12 13:06	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg			07/30/12 13:06	1
Dibromomethane	ND		2.0		ug/Kg			07/30/12 13:06	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg			07/30/12 13:06	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg			07/30/12 13:06	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg			07/30/12 13:06	1

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18551-1

Client Sample ID: SP-5
Date Collected: 07/26/12 15:50
Date Received: 07/27/12 08:30

Lab Sample ID: 440-18551-5
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		5.0		ug/Kg			07/30/12 13:06	1
1,1-Dichloroethane	ND		2.0		ug/Kg			07/30/12 13:06	1
1,2-Dichloroethane	ND		2.0		ug/Kg			07/30/12 13:06	1
1,1-Dichloroethene	ND		5.0		ug/Kg			07/30/12 13:06	1
1,2-Dichloropropane	ND		2.0		ug/Kg			07/30/12 13:06	1
1,3-Dichloropropane	ND		2.0		ug/Kg			07/30/12 13:06	1
2,2-Dichloropropane	ND		2.0		ug/Kg			07/30/12 13:06	1
1,1-Dichloropropene	ND		2.0		ug/Kg			07/30/12 13:06	1
Ethylbenzene	ND		2.0		ug/Kg			07/30/12 13:06	1
Ethyl-t-butyl ether (ETBE)	ND		5.0		ug/Kg			07/30/12 13:06	1
Hexachlorobutadiene	ND		5.0		ug/Kg			07/30/12 13:06	1
2-Hexanone	ND		25		ug/Kg			07/30/12 13:06	1
Isopropylbenzene	ND		2.0		ug/Kg			07/30/12 13:06	1
Isopropyl Ether (DIPE)	ND		5.0		ug/Kg			07/30/12 13:06	1
Methylene Chloride	ND		20		ug/Kg			07/30/12 13:06	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/Kg			07/30/12 13:06	1
Methyl-t-Butyl Ether (MTBE)	ND		5.0		ug/Kg			07/30/12 13:06	1
m,p-Xylene	ND		2.0		ug/Kg			07/30/12 13:06	1
Naphthalene	ND		5.0		ug/Kg			07/30/12 13:06	1
n-Butylbenzene	ND		5.0		ug/Kg			07/30/12 13:06	1
N-Propylbenzene	ND		2.0		ug/Kg			07/30/12 13:06	1
o-Xylene	ND		2.0		ug/Kg			07/30/12 13:06	1
p-Isopropyltoluene	ND		2.0		ug/Kg			07/30/12 13:06	1
sec-Butylbenzene	ND		5.0		ug/Kg			07/30/12 13:06	1
Styrene	ND		2.0		ug/Kg			07/30/12 13:06	1
Tert-amyl-methyl ether (TAME)	ND		5.0		ug/Kg			07/30/12 13:06	1
tert-Butyl alcohol (TBA)	ND		99		ug/Kg			07/30/12 13:06	1
tert-Butylbenzene	ND		5.0		ug/Kg			07/30/12 13:06	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			07/30/12 13:06	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			07/30/12 13:06	1
Tetrachloroethene	ND		2.0		ug/Kg			07/30/12 13:06	1
Toluene	ND		2.0		ug/Kg			07/30/12 13:06	1
trans-1,2-Dichloroethene	ND		2.0		ug/Kg			07/30/12 13:06	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			07/30/12 13:06	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			07/30/12 13:06	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			07/30/12 13:06	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg			07/30/12 13:06	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg			07/30/12 13:06	1
Trichloroethene	ND		2.0		ug/Kg			07/30/12 13:06	1
Trichlorofluoromethane	ND		5.0		ug/Kg			07/30/12 13:06	1
1,2,3-Trichloropropane	ND		9.9		ug/Kg			07/30/12 13:06	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			07/30/12 13:06	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			07/30/12 13:06	1
Vinyl chloride	ND		5.0		ug/Kg			07/30/12 13:06	1
Xylenes, Total	ND		4.0		ug/Kg			07/30/12 13:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*		*07/30/12 13:06*	*1*
Dibromofluoromethane (Surr)	*117*		*80 - 125*		*07/30/12 13:06*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*		*07/30/12 13:06*	*1*

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18551-1

Client Sample ID: SP-5
Date Collected: 07/26/12 15:50
Date Received: 07/27/12 08:30

Lab Sample ID: 440-18551-5
Matrix: Solid

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		370		ug/Kg			07/28/12 23:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*72*		*65 - 140*		*07/28/12 23:41*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		5.0		mg/Kg		07/31/12 10:17	07/31/12 18:56	1
ORO (C23-C32)	**5.1**		5.0		mg/Kg		07/31/12 10:17	07/31/12 18:56	1
ORO (C33-C40)	**5.2**		5.0		mg/Kg		07/31/12 10:17	07/31/12 18:56	1
C13 - C40	**13**		5.0		mg/Kg		07/31/12 10:17	07/31/12 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*46*		*40 - 140*	*07/31/12 10:17*	*07/31/12 18:56*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 15:01	1
alpha-BHC	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 15:01	1
alpha-Chlordane	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 15:01	1
beta-BHC	ND		0.0033		mg/Kg		07/30/12 16:11	07/31/12 15:01	1
Chlordane (technical)	ND		0.067		mg/Kg		07/30/12 16:11	07/31/12 15:01	1
4,4'-DDD	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 15:01	1
4,4'-DDE	**0.012**		0.0017		mg/Kg		07/30/12 16:11	07/31/12 15:01	1
4,4'-DDT	**0.0029**		0.0017		mg/Kg		07/30/12 16:11	07/31/12 15:01	1
delta-BHC	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 15:01	1
Dieldrin	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 15:01	1
Endosulfan I	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 15:01	1
Endosulfan II	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 15:01	1
Endosulfan sulfate	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 15:01	1
Endrin	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 15:01	1
Endrin aldehyde	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 15:01	1
Endrin ketone	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 15:01	1
gamma-BHC (Lindane)	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 15:01	1
gamma-Chlordane	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 15:01	1
Heptachlor	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 15:01	1
Heptachlor epoxide	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 15:01	1
Methoxychlor	ND		0.0033		mg/Kg		07/30/12 16:11	07/31/12 15:01	1
Toxaphene	ND		0.067		mg/Kg		07/30/12 16:11	07/31/12 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*56*		*25 - 150*	*07/30/12 16:11*	*07/31/12 15:01*	*1*
Tetrachloro-m-xylene	*59*		*21 - 145*	*07/30/12 16:11*	*07/31/12 15:01*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50		ug/Kg		07/30/12 09:00	07/31/12 03:06	1
Aroclor 1221	ND		50		ug/Kg		07/30/12 09:00	07/31/12 03:06	1
Aroclor 1232	ND		50		ug/Kg		07/30/12 09:00	07/31/12 03:06	1
Aroclor 1242	ND		50		ug/Kg		07/30/12 09:00	07/31/12 03:06	1
Aroclor 1248	ND		50		ug/Kg		07/30/12 09:00	07/31/12 03:06	1
Aroclor 1254	ND		50		ug/Kg		07/30/12 09:00	07/31/12 03:06	1

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18551-1

Client Sample ID: SP-5

Lab Sample ID: 440-18551-5

Date Collected: 07/26/12 15:50

Matrix: Solid

Date Received: 07/27/12 08:30

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1260	ND		50		ug/Kg		07/30/12 09:00	07/31/12 03:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*85*		*45 - 120*	*07/30/12 09:00*	*07/31/12 03:06*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.9		mg/Kg		07/27/12 11:18	07/30/12 14:21	5
Arsenic	**4.0**		2.0		mg/Kg		07/27/12 11:18	07/30/12 14:21	5
Barium	**130**		0.99		mg/Kg		07/27/12 11:18	07/30/12 14:21	5
Beryllium	ND		0.50		mg/Kg		07/27/12 11:18	07/30/12 14:21	5
Cadmium	ND		0.50		mg/Kg		07/27/12 11:18	07/30/12 14:21	5
Chromium	**12**		0.99		mg/Kg		07/27/12 11:18	07/30/12 14:21	5
Cobalt	**5.3**		0.99		mg/Kg		07/27/12 11:18	07/30/12 14:21	5
Copper	**190**		2.0		mg/Kg		07/27/12 11:18	07/30/12 14:21	5
Lead	**21**		2.0		mg/Kg		07/27/12 11:18	07/30/12 14:21	5
Molybdenum	ND		2.0		mg/Kg		07/27/12 11:18	07/30/12 14:21	5
Nickel	**8.3**		2.0		mg/Kg		07/27/12 11:18	07/30/12 14:21	5
Selenium	**2.8**		2.0		mg/Kg		07/27/12 11:18	07/30/12 14:21	5
Thallium	ND		9.9		mg/Kg		07/27/12 11:18	07/30/12 14:21	5
Vanadium	**27**		0.99		mg/Kg		07/27/12 11:18	07/30/12 14:21	5
Zinc	**110**		5.0		mg/Kg		07/27/12 11:18	07/30/12 14:21	5
Silver	ND		0.99		mg/Kg		07/27/12 11:18	07/30/12 14:21	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.030**		0.020		mg/Kg		07/31/12 15:50	08/01/12 15:05	1

Client Sample ID: SP-6

Lab Sample ID: 440-18551-6

Date Collected: 07/26/12 15:55

Matrix: Solid

Date Received: 07/27/12 08:30

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10		ug/Kg			07/30/12 13:34	1
Benzene	ND		2.0		ug/Kg			07/30/12 13:34	1
Bromobenzene	ND		5.0		ug/Kg			07/30/12 13:34	1
Bromochloromethane	ND		5.0		ug/Kg			07/30/12 13:34	1
Bromodichloromethane	ND		2.0		ug/Kg			07/30/12 13:34	1
Bromoform	ND		5.0		ug/Kg			07/30/12 13:34	1
Bromomethane	ND		5.0		ug/Kg			07/30/12 13:34	1
2-Butanone (MEK)	ND		10		ug/Kg			07/30/12 13:34	1
Carbon tetrachloride	ND		5.0		ug/Kg			07/30/12 13:34	1
Chlorobenzene	ND		2.0		ug/Kg			07/30/12 13:34	1
Chloroethane	ND		5.0		ug/Kg			07/30/12 13:34	1
Chloroform	ND		2.0		ug/Kg			07/30/12 13:34	1
Chloromethane	ND		5.0		ug/Kg			07/30/12 13:34	1
2-Chlorotoluene	ND		5.0		ug/Kg			07/30/12 13:34	1
4-Chlorotoluene	ND		5.0		ug/Kg			07/30/12 13:34	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg			07/30/12 13:34	1
cis-1,3-Dichloropropene	ND		2.0		ug/Kg			07/30/12 13:34	1
Dibromochloromethane	ND		2.0		ug/Kg			07/30/12 13:34	1

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18551-1

Client Sample ID: SP-6
Date Collected: 07/26/12 15:55
Date Received: 07/27/12 08:30

Lab Sample ID: 440-18551-6
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			07/30/12 13:34	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg			07/30/12 13:34	1
Dibromomethane	ND		2.0		ug/Kg			07/30/12 13:34	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg			07/30/12 13:34	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg			07/30/12 13:34	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg			07/30/12 13:34	1
Dichlorodifluoromethane	ND		5.0		ug/Kg			07/30/12 13:34	1
1,1-Dichloroethane	ND		2.0		ug/Kg			07/30/12 13:34	1
1,2-Dichloroethane	ND		2.0		ug/Kg			07/30/12 13:34	1
1,1-Dichloroethene	ND		5.0		ug/Kg			07/30/12 13:34	1
1,2-Dichloropropane	ND		2.0		ug/Kg			07/30/12 13:34	1
1,3-Dichloropropane	ND		2.0		ug/Kg			07/30/12 13:34	1
2,2-Dichloropropane	ND		2.0		ug/Kg			07/30/12 13:34	1
1,1-Dichloropropene	ND		2.0		ug/Kg			07/30/12 13:34	1
Ethylbenzene	ND		2.0		ug/Kg			07/30/12 13:34	1
Ethyl-t-butyl ether (ETBE)	ND		5.0		ug/Kg			07/30/12 13:34	1
Hexachlorobutadiene	ND		5.0		ug/Kg			07/30/12 13:34	1
2-Hexanone	ND		25		ug/Kg			07/30/12 13:34	1
Isopropylbenzene	ND		2.0		ug/Kg			07/30/12 13:34	1
Isopropyl Ether (DIPE)	ND		5.0		ug/Kg			07/30/12 13:34	1
Methylene Chloride	ND		20		ug/Kg			07/30/12 13:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/Kg			07/30/12 13:34	1
Methyl-t-Butyl Ether (MTBE)	ND		5.0		ug/Kg			07/30/12 13:34	1
m,p-Xylene	ND		2.0		ug/Kg			07/30/12 13:34	1
Naphthalene	ND		5.0		ug/Kg			07/30/12 13:34	1
n-Butylbenzene	ND		5.0		ug/Kg			07/30/12 13:34	1
N-Propylbenzene	ND		2.0		ug/Kg			07/30/12 13:34	1
o-Xylene	ND		2.0		ug/Kg			07/30/12 13:34	1
p-Isopropyltoluene	ND		2.0		ug/Kg			07/30/12 13:34	1
sec-Butylbenzene	ND		5.0		ug/Kg			07/30/12 13:34	1
Styrene	ND		2.0		ug/Kg			07/30/12 13:34	1
Tert-amyl-methyl ether (TAME)	ND		5.0		ug/Kg			07/30/12 13:34	1
tert-Butyl alcohol (TBA)	ND		100		ug/Kg			07/30/12 13:34	1
tert-Butylbenzene	ND		5.0		ug/Kg			07/30/12 13:34	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			07/30/12 13:34	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			07/30/12 13:34	1
Tetrachloroethene	ND		2.0		ug/Kg			07/30/12 13:34	1
Toluene	ND		2.0		ug/Kg			07/30/12 13:34	1
trans-1,2-Dichloroethene	ND		2.0		ug/Kg			07/30/12 13:34	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			07/30/12 13:34	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			07/30/12 13:34	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			07/30/12 13:34	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg			07/30/12 13:34	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg			07/30/12 13:34	1
Trichloroethene	ND		2.0		ug/Kg			07/30/12 13:34	1
Trichlorofluoromethane	ND		5.0		ug/Kg			07/30/12 13:34	1
1,2,3-Trichloropropane	ND		10		ug/Kg			07/30/12 13:34	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			07/30/12 13:34	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			07/30/12 13:34	1
Vinyl chloride	ND		5.0		ug/Kg			07/30/12 13:34	1
Xylenes, Total	ND		4.0		ug/Kg			07/30/12 13:34	1

Client Sample ID: SP-6
Date Collected: 07/26/12 15:55
Date Received: 07/27/12 08:30

Lab Sample ID: 440-18551-6
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*80 - 120*		*07/30/12 13:34*	*1*
Dibromofluoromethane (Surr)	*117*		*80 - 125*		*07/30/12 13:34*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*		*07/30/12 13:34*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		390	ug/Kg			07/29/12 00:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*69*		*65 - 140*		*07/29/12 00:09*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		5.0	mg/Kg		07/31/12 10:17	07/31/12 19:16	1
ORO (C23-C32)	**33**		5.0	mg/Kg		07/31/12 10:17	07/31/12 19:16	1
ORO (C33-C40)	**12**		5.0	mg/Kg		07/31/12 10:17	07/31/12 19:16	1
C13 - C40	**51**		5.0	mg/Kg		07/31/12 10:17	07/31/12 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*46*		*40 - 140*	*07/31/12 10:17*	*07/31/12 19:16*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.017	mg/Kg		07/30/12 16:11	07/31/12 15:15	10
alpha-BHC	ND		0.017	mg/Kg		07/30/12 16:11	07/31/12 15:15	10
alpha-Chlordane	ND		0.017	mg/Kg		07/30/12 16:11	07/31/12 15:15	10
beta-BHC	ND		0.033	mg/Kg		07/30/12 16:11	07/31/12 15:15	10
Chlordane (technical)	ND		0.67	mg/Kg		07/30/12 16:11	07/31/12 15:15	10
4,4'-DDD	ND		0.017	mg/Kg		07/30/12 16:11	07/31/12 15:15	10
4,4'-DDE	**0.044**		0.017	mg/Kg		07/30/12 16:11	07/31/12 15:15	10
4,4'-DDT	**0.032**		0.017	mg/Kg		07/30/12 16:11	07/31/12 15:15	10
delta-BHC	ND		0.017	mg/Kg		07/30/12 16:11	07/31/12 15:15	10
Dieldrin	ND		0.017	mg/Kg		07/30/12 16:11	07/31/12 15:15	10
Endosulfan I	ND		0.017	mg/Kg		07/30/12 16:11	07/31/12 15:15	10
Endosulfan II	ND		0.017	mg/Kg		07/30/12 16:11	07/31/12 15:15	10
Endosulfan sulfate	ND		0.017	mg/Kg		07/30/12 16:11	07/31/12 15:15	10
Endrin	ND		0.017	mg/Kg		07/30/12 16:11	07/31/12 15:15	10
Endrin aldehyde	ND		0.017	mg/Kg		07/30/12 16:11	07/31/12 15:15	10
Endrin ketone	ND		0.017	mg/Kg		07/30/12 16:11	07/31/12 15:15	10
gamma-BHC (Lindane)	ND		0.017	mg/Kg		07/30/12 16:11	07/31/12 15:15	10
gamma-Chlordane	ND		0.017	mg/Kg		07/30/12 16:11	07/31/12 15:15	10
Heptachlor	ND		0.017	mg/Kg		07/30/12 16:11	07/31/12 15:15	10
Heptachlor epoxide	ND		0.017	mg/Kg		07/30/12 16:11	07/31/12 15:15	10
Methoxychlor	ND		0.033	mg/Kg		07/30/12 16:11	07/31/12 15:15	10
Toxaphene	ND		0.67	mg/Kg		07/30/12 16:11	07/31/12 15:15	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*59*		*25 - 150*	*07/30/12 16:11*	*07/31/12 15:15*	*10*
Tetrachloro-m-xylene	*78*		*21 - 145*	*07/30/12 16:11*	*07/31/12 15:15*	*10*

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	ug/Kg		07/30/12 09:00	07/31/12 00:36	1

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18551-1

Client Sample ID: SP-6
Date Collected: 07/26/12 15:55
Date Received: 07/27/12 08:30

Lab Sample ID: 440-18551-6
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1221	ND		50		ug/Kg		07/30/12 09:00	07/31/12 00:36	1
Aroclor 1232	ND		50		ug/Kg		07/30/12 09:00	07/31/12 00:36	1
Aroclor 1242	ND		50		ug/Kg		07/30/12 09:00	07/31/12 00:36	1
Aroclor 1248	ND		50		ug/Kg		07/30/12 09:00	07/31/12 00:36	1
Aroclor 1254	ND		50		ug/Kg		07/30/12 09:00	07/31/12 00:36	1
Aroclor 1260	ND		50		ug/Kg		07/30/12 09:00	07/31/12 00:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*73*		*45 - 120*	*07/30/12 09:00*	*07/31/12 00:36*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg		07/27/12 11:18	07/30/12 14:23	5
Arsenic	**4.5**		2.0		mg/Kg		07/27/12 11:18	07/30/12 14:23	5
Barium	**130**		1.0		mg/Kg		07/27/12 11:18	07/30/12 14:23	5
Beryllium	ND		0.50		mg/Kg		07/27/12 11:18	07/30/12 14:23	5
Cadmium	ND		0.50		mg/Kg		07/27/12 11:18	07/30/12 14:23	5
Chromium	**12**		1.0		mg/Kg		07/27/12 11:18	07/30/12 14:23	5
Cobalt	**4.7**		1.0		mg/Kg		07/27/12 11:18	07/30/12 14:23	5
Copper	**12**		2.0		mg/Kg		07/27/12 11:18	07/30/12 14:23	5
Lead	**7.3**		2.0		mg/Kg		07/27/12 11:18	07/30/12 14:23	5
Molybdenum	**2.2**		2.0		mg/Kg		07/27/12 11:18	07/30/12 14:23	5
Nickel	**6.6**		2.0		mg/Kg		07/27/12 11:18	07/30/12 14:23	5
Selenium	**4.3**		2.0		mg/Kg		07/27/12 11:18	07/30/12 14:23	5
Thallium	ND		10		mg/Kg		07/27/12 11:18	07/30/12 14:23	5
Vanadium	**29**		1.0		mg/Kg		07/27/12 11:18	07/30/12 14:23	5
Zinc	**67**		5.0		mg/Kg		07/27/12 11:18	07/30/12 14:23	5
Silver	ND		1.0		mg/Kg		07/27/12 11:18	07/30/12 14:23	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.020**		0.020		mg/Kg		07/31/12 15:50	08/01/12 15:07	1

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18551-1

Client Sample ID: SP-1

Lab Sample ID: 440-18551-1

Date Collected: 07/26/12 15:30

Matrix: Solid

Date Received: 07/27/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.04 g	10 mL	41670	07/30/12 11:43	LB	TAL IRV
Total/NA	Analysis	8015B		1	5.76 g	10 mL	41599	07/28/12 20:59	TL	TAL IRV
Total/NA	Prep	3546			15.02 g	2 mL	41698	07/30/12 09:00	AD	TAL IRV
Total/NA	Analysis	8082		1			41851	07/31/12 02:06	CN	TAL IRV
Total/NA	Prep	CA LUFT			30.06 g	1 mL	41986	07/31/12 10:17	TM	TAL IRV
Total/NA	Analysis	8015B		1			42103	07/31/12 17:34	RR	TAL IRV
Total/NA	Prep	3550B			30.35 g	10.00 mL	9117	07/30/12 13:14	KF	TAL NSH
Total/NA	Analysis	8081A		1			9355	07/31/12 16:12	WM	TAL NSH
Total/NA	Prep	3050B			2.01 g	50 mL	41436	07/27/12 11:18	DT	TAL IRV
Total/NA	Analysis	6010B		5			41814	07/30/12 13:55	TK	TAL IRV
Total/NA	Prep	7471A			0.51 g	50 mL	42036	07/31/12 15:50	SN	TAL IRV
Total/NA	Analysis	7471A		1			42345	08/01/12 14:55	DB	TAL IRV

Client Sample ID: SP-2

Lab Sample ID: 440-18551-2

Date Collected: 07/26/12 15:35

Matrix: Solid

Date Received: 07/27/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 g	10 mL	41670	07/30/12 12:11	LB	TAL IRV
Total/NA	Analysis	8015B		1	5.17 g	10 mL	41599	07/28/12 22:20	TL	TAL IRV
Total/NA	Prep	3546			15.00 g	2 mL	41698	07/30/12 09:00	AD	TAL IRV
Total/NA	Analysis	8082		1			41851	07/31/12 02:21	CN	TAL IRV
Total/NA	Prep	CA LUFT			30.06 g	1 mL	41986	07/31/12 10:17	TM	TAL IRV
Total/NA	Analysis	8015B		1			42103	07/31/12 17:55	RR	TAL IRV
Total/NA	Prep	3550B			30.21 g	10.00 mL	9117	07/30/12 13:14	KF	TAL NSH
Total/NA	Analysis	8081A		1			9355	07/31/12 16:26	WM	TAL NSH
Total/NA	Prep	3050B			1.98 g	50 mL	41436	07/27/12 11:18	DT	TAL IRV
Total/NA	Analysis	6010B		5			41814	07/30/12 13:57	TK	TAL IRV
Total/NA	Prep	7471A			0.49 g	50 mL	42036	07/31/12 15:50	SN	TAL IRV
Total/NA	Analysis	7471A		1			42345	08/01/12 14:57	DB	TAL IRV

Client Sample ID: SP-3

Lab Sample ID: 440-18551-3

Date Collected: 07/26/12 15:40

Matrix: Solid

Date Received: 07/27/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.01 g	10 mL	41670	07/30/12 12:39	LB	TAL IRV
Total/NA	Analysis	8015B		1	5.85 g	10 mL	41599	07/28/12 22:47	TL	TAL IRV
Total/NA	Prep	3546			15.01 g	2 mL	41698	07/30/12 09:00	AD	TAL IRV
Total/NA	Analysis	8082		1			41851	07/31/12 02:36	CN	TAL IRV
Total/NA	Prep	CA LUFT			30.05 g	1 mL	41986	07/31/12 10:17	TM	TAL IRV
Total/NA	Analysis	8015B		1			42103	07/31/12 18:15	RR	TAL IRV
Total/NA	Prep	3550B			30.90 g	10.00 mL	9117	07/30/12 13:14	KF	TAL NSH
Total/NA	Analysis	8081A		1			9355	07/31/12 16:40	WM	TAL NSH

Client Sample ID: SP-3

Date Collected: 07/26/12 15:40
Date Received: 07/27/12 08:30

Lab Sample ID: 440-18551-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.04 g	50 mL	41436	07/27/12 11:18	DT	TAL IRV
Total/NA	Analysis	6010B		5			41814	07/30/12 14:17	TK	TAL IRV
Total/NA	Prep	7471A			0.50 g	50 mL	42036	07/31/12 15:50	SN	TAL IRV
Total/NA	Analysis	7471A		1			42345	08/01/12 15:00	DB	TAL IRV

Client Sample ID: SP-4

Date Collected: 07/26/12 15:45
Date Received: 07/27/12 08:30

Lab Sample ID: 440-18551-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.03 g	10 mL	41670	07/30/12 10:20	LB	TAL IRV
Total/NA	Analysis	8015B		1	5.15 g	10 mL	41599	07/28/12 23:14	TL	TAL IRV
Total/NA	Prep	3546			15.00 g	2 mL	41698	07/30/12 09:00	AD	TAL IRV
Total/NA	Analysis	8082		1			41851	07/31/12 02:51	CN	TAL IRV
Total/NA	Prep	CA LUFT			30.00 g	1 mL	41986	07/31/12 10:17	TM	TAL IRV
Total/NA	Analysis	8015B		1			42103	07/31/12 18:35	RR	TAL IRV
Total/NA	Prep	3550B			30.07 g	10 mL	9179	07/30/12 16:11	KF	TAL NSH
Total/NA	Analysis	8081A		1			9355	07/31/12 14:46	WM	TAL NSH
Total/NA	Prep	3050B			2.02 g	50 mL	41436	07/27/12 11:18	DT	TAL IRV
Total/NA	Analysis	6010B		5			41814	07/30/12 14:19	TK	TAL IRV
Total/NA	Prep	7471A			0.49 g	50 mL	42036	07/31/12 15:50	SN	TAL IRV
Total/NA	Analysis	7471A		1			42345	08/01/12 15:02	DB	TAL IRV

Client Sample ID: SP-5

Date Collected: 07/26/12 15:50
Date Received: 07/27/12 08:30

Lab Sample ID: 440-18551-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.05 g	10 mL	41670	07/30/12 13:06	LB	TAL IRV
Total/NA	Analysis	8015B		1	5.34 g	10 mL	41599	07/28/12 23:41	TL	TAL IRV
Total/NA	Prep	3546			15.00 g	2 mL	41698	07/30/12 09:00	AD	TAL IRV
Total/NA	Analysis	8082		1			41851	07/31/12 03:06	CN	TAL IRV
Total/NA	Prep	CA LUFT			30.03 g	1 mL	41986	07/31/12 10:17	TM	TAL IRV
Total/NA	Analysis	8015B		1			42103	07/31/12 18:56	RR	TAL IRV
Total/NA	Prep	3550B			30.05 g	10 mL	9179	07/30/12 16:11	KF	TAL NSH
Total/NA	Analysis	8081A		1			9355	07/31/12 15:01	WM	TAL NSH
Total/NA	Prep	3050B			2.02 g	50 mL	41436	07/27/12 11:18	DT	TAL IRV
Total/NA	Analysis	6010B		5			41814	07/30/12 14:21	TK	TAL IRV
Total/NA	Prep	7471A			0.50 g	50 mL	42036	07/31/12 15:50	SN	TAL IRV
Total/NA	Analysis	7471A		1			42345	08/01/12 15:05	DB	TAL IRV

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18551-1

Client Sample ID: SP-6

Date Collected: 07/26/12 15:55
Date Received: 07/27/12 08:30

Lab Sample ID: 440-18551-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.01 g	10 mL	41670	07/30/12 13:34	LB	TAL IRV
Total/NA	Analysis	8015B		1	5.19 g	10 mL	41599	07/29/12 00:09	TL	TAL IRV
Total/NA	Prep	3546			15.02 g	2 mL	41698	07/30/12 09:00	AD	TAL IRV
Total/NA	Analysis	8082		1			41851	07/31/12 00:36	CN	TAL IRV
Total/NA	Prep	CA LUFT			30.00 g	1 mL	41986	07/31/12 10:17	TM	TAL IRV
Total/NA	Analysis	8015B		1			42103	07/31/12 19:16	RR	TAL IRV
Total/NA	Prep	3550B			30.06 g	10 mL	9179	07/30/12 16:11	KF	TAL NSH
Total/NA	Analysis	8081A		10			9355	07/31/12 15:15	WM	TAL NSH
Total/NA	Prep	3050B			1.99 g	50 mL	41436	07/27/12 11:18	DT	TAL IRV
Total/NA	Analysis	6010B		5			41814	07/30/12 14:23	TK	TAL IRV
Total/NA	Prep	7471A			0.49 g	50 mL	42036	07/31/12 15:50	SN	TAL IRV
Total/NA	Analysis	7471A		1			42345	08/01/12 15:07	DB	TAL IRV

Laboratory References:

= D-Tek Analytical Laboratories, 2722 Loker Ave West Suite B, Carlsbad, CA 92010

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

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

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

Lab Sample ID: MB 440-41670/3
Matrix: Solid
Analysis Batch: 41670

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10		ug/Kg			07/30/12 09:03	1
Benzene	ND		2.0		ug/Kg			07/30/12 09:03	1
Bromobenzene	ND		5.0		ug/Kg			07/30/12 09:03	1
Bromochloromethane	ND		5.0		ug/Kg			07/30/12 09:03	1
Bromodichloromethane	ND		2.0		ug/Kg			07/30/12 09:03	1
Bromoform	ND		5.0		ug/Kg			07/30/12 09:03	1
Bromomethane	ND		5.0		ug/Kg			07/30/12 09:03	1
2-Butanone (MEK)	ND		10		ug/Kg			07/30/12 09:03	1
Carbon tetrachloride	ND		5.0		ug/Kg			07/30/12 09:03	1
Chlorobenzene	ND		2.0		ug/Kg			07/30/12 09:03	1
Chloroethane	ND		5.0		ug/Kg			07/30/12 09:03	1
Chloroform	ND		2.0		ug/Kg			07/30/12 09:03	1
Chloromethane	ND		5.0		ug/Kg			07/30/12 09:03	1
2-Chlorotoluene	ND		5.0		ug/Kg			07/30/12 09:03	1
4-Chlorotoluene	ND		5.0		ug/Kg			07/30/12 09:03	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg			07/30/12 09:03	1
cis-1,3-Dichloropropene	ND		2.0		ug/Kg			07/30/12 09:03	1
Dibromochloromethane	ND		2.0		ug/Kg			07/30/12 09:03	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			07/30/12 09:03	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg			07/30/12 09:03	1
Dibromomethane	ND		2.0		ug/Kg			07/30/12 09:03	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg			07/30/12 09:03	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg			07/30/12 09:03	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg			07/30/12 09:03	1
Dichlorodifluoromethane	ND		5.0		ug/Kg			07/30/12 09:03	1
1,1-Dichloroethane	ND		2.0		ug/Kg			07/30/12 09:03	1
1,2-Dichloroethane	ND		2.0		ug/Kg			07/30/12 09:03	1
1,1-Dichloroethene	ND		5.0		ug/Kg			07/30/12 09:03	1
1,2-Dichloropropane	ND		2.0		ug/Kg			07/30/12 09:03	1
1,3-Dichloropropane	ND		2.0		ug/Kg			07/30/12 09:03	1
2,2-Dichloropropane	ND		2.0		ug/Kg			07/30/12 09:03	1
1,1-Dichloropropene	ND		2.0		ug/Kg			07/30/12 09:03	1
Ethylbenzene	ND		2.0		ug/Kg			07/30/12 09:03	1
Ethyl-t-butyl ether (ETBE)	ND		5.0		ug/Kg			07/30/12 09:03	1
Hexachlorobutadiene	ND		5.0		ug/Kg			07/30/12 09:03	1
2-Hexanone	ND		25		ug/Kg			07/30/12 09:03	1
Isopropylbenzene	ND		2.0		ug/Kg			07/30/12 09:03	1
Isopropyl Ether (DIPE)	ND		5.0		ug/Kg			07/30/12 09:03	1
Methylene Chloride	ND		20		ug/Kg			07/30/12 09:03	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/Kg			07/30/12 09:03	1
Methyl-t-Butyl Ether (MTBE)	ND		5.0		ug/Kg			07/30/12 09:03	1
m,p-Xylene	ND		2.0		ug/Kg			07/30/12 09:03	1
Naphthalene	ND		5.0		ug/Kg			07/30/12 09:03	1
n-Butylbenzene	ND		5.0		ug/Kg			07/30/12 09:03	1
N-Propylbenzene	ND		2.0		ug/Kg			07/30/12 09:03	1
o-Xylene	ND		2.0		ug/Kg			07/30/12 09:03	1
p-Isopropyltoluene	ND		2.0		ug/Kg			07/30/12 09:03	1
sec-Butylbenzene	ND		5.0		ug/Kg			07/30/12 09:03	1
Styrene	ND		2.0		ug/Kg			07/30/12 09:03	1

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

Lab Sample ID: MB 440-41670/3
Matrix: Solid
Analysis Batch: 41670

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl-methyl ether (TAME)	ND		5.0		ug/Kg			07/30/12 09:03	1
tert-Butyl alcohol (TBA)	ND		100		ug/Kg			07/30/12 09:03	1
tert-Butylbenzene	ND		5.0		ug/Kg			07/30/12 09:03	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			07/30/12 09:03	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			07/30/12 09:03	1
Tetrachloroethene	ND		2.0		ug/Kg			07/30/12 09:03	1
Toluene	ND		2.0		ug/Kg			07/30/12 09:03	1
trans-1,2-Dichloroethene	ND		2.0		ug/Kg			07/30/12 09:03	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			07/30/12 09:03	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			07/30/12 09:03	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			07/30/12 09:03	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg			07/30/12 09:03	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg			07/30/12 09:03	1
Trichloroethene	ND		2.0		ug/Kg			07/30/12 09:03	1
Trichlorofluoromethane	ND		5.0		ug/Kg			07/30/12 09:03	1
1,2,3-Trichloropropane	ND		10		ug/Kg			07/30/12 09:03	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			07/30/12 09:03	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			07/30/12 09:03	1
Vinyl chloride	ND		5.0		ug/Kg			07/30/12 09:03	1
Xylenes, Total	ND		4.0		ug/Kg			07/30/12 09:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*80 - 120*		*07/30/12 09:03*	*1*
Dibromofluoromethane (Surr)	*109*		*80 - 125*		*07/30/12 09:03*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*		*07/30/12 09:03*	*1*

Lab Sample ID: LCS 440-41670/4
Matrix: Solid
Analysis Batch: 41670

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	50.0	32.5		ug/Kg		65	25 - 145
Benzene	50.0	45.8		ug/Kg		92	65 - 120
Bromobenzene	50.0	46.9		ug/Kg		94	75 - 120
Bromochloromethane	50.0	43.7		ug/Kg		87	70 - 135
Bromodichloromethane	50.0	56.1		ug/Kg		112	70 - 135
Bromoform	50.0	47.8		ug/Kg		96	55 - 135
Bromomethane	50.0	53.5		ug/Kg		107	60 - 145
2-Butanone (MEK)	50.0	37.8		ug/Kg		76	40 - 145
Carbon tetrachloride	50.0	61.2		ug/Kg		122	65 - 140
Chlorobenzene	50.0	44.4		ug/Kg		89	75 - 120
Chloroethane	50.0	41.8		ug/Kg		84	60 - 140
Chloroform	50.0	47.2		ug/Kg		94	70 - 130
Chloromethane	50.0	48.0		ug/Kg		96	45 - 145
2-Chlorotoluene	50.0	47.2		ug/Kg		94	70 - 125
4-Chlorotoluene	50.0	47.3		ug/Kg		95	75 - 125
cis-1,2-Dichloroethene	50.0	46.2		ug/Kg		92	70 - 125
cis-1,3-Dichloropropene	50.0	49.4		ug/Kg		99	75 - 125
Dibromochloromethane	50.0	57.5		ug/Kg		115	65 - 140

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

Lab Sample ID: LCS 440-41670/4
Matrix: Solid
Analysis Batch: 41670

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	50.0	47.4		ug/Kg		95	50 - 135
1,2-Dibromoethane (EDB)	50.0	46.7		ug/Kg		93	70 - 130
Dibromomethane	50.0	50.3		ug/Kg		101	70 - 130
1,2-Dichlorobenzene	50.0	46.1		ug/Kg		92	75 - 120
1,3-Dichlorobenzene	50.0	46.5		ug/Kg		93	75 - 125
1,4-Dichlorobenzene	50.0	44.9		ug/Kg		90	75 - 120
Dichlorodifluoromethane	50.0	56.9		ug/Kg		114	35 - 160
1,1-Dichloroethane	50.0	45.6		ug/Kg		91	70 - 130
1,2-Dichloroethane	50.0	51.5		ug/Kg		103	60 - 140
1,1-Dichloroethene	50.0	44.8		ug/Kg		90	70 - 125
1,2-Dichloropropane	50.0	43.1		ug/Kg		86	70 - 130
1,3-Dichloropropane	50.0	43.3		ug/Kg		87	70 - 125
2,2-Dichloropropane	50.0	51.0		ug/Kg		102	60 - 145
1,1-Dichloropropene	50.0	44.5		ug/Kg		89	70 - 130
Ethylbenzene	50.0	47.6		ug/Kg		95	70 - 125
Ethyl-t-butyl ether (ETBE)	50.0	45.6		ug/Kg		91	60 - 140
Hexachlorobutadiene	50.0	56.0		ug/Kg		112	60 - 135
2-Hexanone	50.0	38.6		ug/Kg		77	40 - 150
Isopropylbenzene	50.0	46.8		ug/Kg		94	75 - 130
Isopropyl Ether (DIPE)	50.0	43.6		ug/Kg		87	60 - 140
Methylene Chloride	50.0	40.8		ug/Kg		82	55 - 135
4-Methyl-2-pentanone (MIBK)	50.0	42.0		ug/Kg		84	40 - 145
Methyl-t-Butyl Ether (MTBE)	50.0	48.9		ug/Kg		98	60 - 140
m,p-Xylene	100	95.0		ug/Kg		95	70 - 125
Naphthalene	50.0	38.7		ug/Kg		77	55 - 135
n-Butylbenzene	50.0	46.4		ug/Kg		93	70 - 130
N-Propylbenzene	50.0	46.6		ug/Kg		93	70 - 130
o-Xylene	50.0	48.4		ug/Kg		97	70 - 125
p-Isopropyltoluene	50.0	46.8		ug/Kg		94	75 - 125
sec-Butylbenzene	50.0	45.3		ug/Kg		91	70 - 125
Styrene	50.0	50.3		ug/Kg		101	75 - 130
Tert-amyl-methyl ether (TAME)	50.0	47.2		ug/Kg		94	60 - 145
tert-Butyl alcohol (TBA)	250	188		ug/Kg		75	70 - 135
tert-Butylbenzene	50.0	48.8		ug/Kg		98	70 - 125
1,1,1,2-Tetrachloroethane	50.0	54.4		ug/Kg		109	70 - 130
1,1,2,2-Tetrachloroethane	50.0	43.3		ug/Kg		87	55 - 140
Tetrachloroethene	50.0	45.8		ug/Kg		92	70 - 125
Toluene	50.0	47.6		ug/Kg		95	70 - 125
trans-1,2-Dichloroethene	50.0	44.6		ug/Kg		89	70 - 125
trans-1,3-Dichloropropene	50.0	54.0		ug/Kg		108	70 - 135
1,2,3-Trichlorobenzene	50.0	40.9		ug/Kg		82	60 - 130
1,2,4-Trichlorobenzene	50.0	41.2		ug/Kg		82	70 - 135
1,1,1-Trichloroethane	50.0	51.0		ug/Kg		102	65 - 135
1,1,2-Trichloroethane	50.0	42.9		ug/Kg		86	65 - 135
Trichloroethene	50.0	45.9		ug/Kg		92	70 - 125
Trichlorofluoromethane	50.0	53.1		ug/Kg		106	60 - 145
1,2,3-Trichloropropane	50.0	41.7		ug/Kg		83	60 - 135
1,2,4-Trimethylbenzene	50.0	51.3		ug/Kg		103	70 - 125
1,3,5-Trimethylbenzene	50.0	51.7		ug/Kg		103	70 - 125
Vinyl chloride	50.0	51.0		ug/Kg		102	55 - 135

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

Lab Sample ID: LCS 440-41670/4
Matrix: Solid
Analysis Batch: 41670

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		80 - 120
Dibromofluoromethane (Surr)	111		80 - 125
Toluene-d8 (Surr)	112		80 - 120

Lab Sample ID: 440-18551-4 MS
Matrix: Solid
Analysis Batch: 41670

Client Sample ID: SP-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	ND		49.7	80.2	F	ug/Kg		161	20 - 145
Benzene	ND		49.7	52.2		ug/Kg		105	65 - 130
Bromobenzene	ND		49.7	55.1		ug/Kg		111	65 - 140
Bromochloromethane	ND		49.7	57.0		ug/Kg		115	65 - 145
Bromodichloromethane	ND		49.7	68.6		ug/Kg		138	65 - 145
Bromoform	ND		49.7	58.8		ug/Kg		118	50 - 145
Bromomethane	ND		49.7	60.4		ug/Kg		122	60 - 155
2-Butanone (MEK)	ND		49.7	69.9		ug/Kg		141	25 - 170
Carbon tetrachloride	ND		49.7	66.6		ug/Kg		134	60 - 145
Chlorobenzene	ND		49.7	52.1		ug/Kg		105	70 - 130
Chloroethane	ND		49.7	45.4		ug/Kg		91	60 - 150
Chloroform	ND		49.7	58.0		ug/Kg		117	65 - 135
Chloromethane	ND		49.7	47.7		ug/Kg		96	40 - 145
2-Chlorotoluene	ND		49.7	52.7		ug/Kg		106	60 - 135
4-Chlorotoluene	ND		49.7	53.4		ug/Kg		107	65 - 135
cis-1,2-Dichloroethene	ND		49.7	56.2		ug/Kg		113	65 - 135
cis-1,3-Dichloropropene	ND		49.7	61.0		ug/Kg		123	70 - 135
Dibromochloromethane	ND		49.7	70.8		ug/Kg		143	60 - 145
1,2-Dibromo-3-Chloropropane	ND		49.7	58.3		ug/Kg		117	40 - 150
1,2-Dibromoethane (EDB)	ND		49.7	56.4		ug/Kg		113	65 - 140
Dibromomethane	ND		49.7	62.8		ug/Kg		126	65 - 140
1,2-Dichlorobenzene	ND		49.7	51.9		ug/Kg		104	70 - 130
1,3-Dichlorobenzene	ND		49.7	53.0		ug/Kg		107	70 - 130
1,4-Dichlorobenzene	ND		49.7	51.8		ug/Kg		104	70 - 130
Dichlorodifluoromethane	ND		49.7	47.6		ug/Kg		96	30 - 160
1,1-Dichloroethane	ND		49.7	52.9		ug/Kg		106	65 - 135
1,2-Dichloroethane	ND		49.7	63.7		ug/Kg		128	60 - 150
1,1-Dichloroethene	ND		49.7	50.8		ug/Kg		102	65 - 135
1,2-Dichloropropane	ND		49.7	52.5		ug/Kg		106	65 - 130
1,3-Dichloropropane	ND		49.7	51.6		ug/Kg		104	65 - 140
2,2-Dichloropropane	ND		49.7	57.0		ug/Kg		115	65 - 150
1,1-Dichloropropene	ND		49.7	49.7		ug/Kg		100	65 - 135
Ethylbenzene	ND		49.7	53.5		ug/Kg		108	70 - 135
Ethyl-t-butyl ether (ETBE)	ND		49.7	59.6		ug/Kg		120	60 - 145
Hexachlorobutadiene	ND		49.7	59.1		ug/Kg		119	50 - 145
2-Hexanone	ND		49.7	69.4		ug/Kg		140	35 - 160
Isopropylbenzene	ND		49.7	50.5		ug/Kg		102	70 - 145
Isopropyl Ether (DIPE)	ND		49.7	56.8		ug/Kg		114	60 - 150
Methylene Chloride	ND		49.7	50.9		ug/Kg		102	55 - 145
4-Methyl-2-pentanone (MIBK)	ND		49.7	60.0		ug/Kg		121	40 - 155

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

Lab Sample ID: 440-18551-4 MS
Matrix: Solid
Analysis Batch: 41670

Client Sample ID: SP-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl-t-Butyl Ether (MTBE)	ND		49.7	64.9		ug/Kg		131	55 - 155
m,p-Xylene	ND		99.4	109		ug/Kg		110	70 - 130
Naphthalene	ND		49.7	45.5		ug/Kg		92	40 - 150
n-Butylbenzene	ND		49.7	52.0		ug/Kg		105	55 - 145
N-Propylbenzene	ND		49.7	50.9		ug/Kg		102	65 - 140
o-Xylene	ND		49.7	55.8		ug/Kg		112	65 - 130
p-Isopropyltoluene	ND		49.7	51.0		ug/Kg		103	60 - 140
sec-Butylbenzene	ND		49.7	48.4		ug/Kg		97	60 - 135
Styrene	ND		49.7	59.4		ug/Kg		120	70 - 140
Tert-amyl-methyl ether (TAME)	ND		49.7	62.9		ug/Kg		127	60 - 150
tert-Butyl alcohol (TBA)	ND		249	278		ug/Kg		112	65 - 145
tert-Butylbenzene	ND		49.7	52.3		ug/Kg		105	60 - 140
1,1,1,2-Tetrachloroethane	ND		49.7	63.9		ug/Kg		129	65 - 145
1,1,2,2-Tetrachloroethane	ND		49.7	53.1		ug/Kg		107	40 - 160
Tetrachloroethene	ND		49.7	51.2		ug/Kg		103	65 - 135
Toluene	ND		49.7	56.5		ug/Kg		114	70 - 130
trans-1,2-Dichloroethene	ND		49.7	51.7		ug/Kg		104	70 - 135
trans-1,3-Dichloropropene	ND		49.7	69.4		ug/Kg		140	60 - 145
1,2,3-Trichlorobenzene	ND		49.7	46.8		ug/Kg		94	45 - 145
1,2,4-Trichlorobenzene	ND		49.7	46.6		ug/Kg		94	50 - 140
1,1,1-Trichloroethane	ND		49.7	58.6		ug/Kg		118	65 - 145
1,1,2-Trichloroethane	ND		49.7	55.8		ug/Kg		112	65 - 140
Trichloroethene	ND		49.7	52.8		ug/Kg		106	65 - 140
Trichlorofluoromethane	ND		49.7	58.1		ug/Kg		117	55 - 155
1,2,3-Trichloropropane	ND		49.7	50.3		ug/Kg		101	50 - 150
1,2,4-Trimethylbenzene	ND		49.7	56.7		ug/Kg		114	65 - 140
1,3,5-Trimethylbenzene	ND		49.7	56.3		ug/Kg		113	65 - 135
Vinyl chloride	ND		49.7	52.8		ug/Kg		106	55 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*80 - 120*
Dibromofluoromethane (Surr)	*119*		*80 - 125*
Toluene-d8 (Surr)	*111*		*80 - 120*

Lab Sample ID: 440-18551-4 MSD
Matrix: Solid
Analysis Batch: 41670

Client Sample ID: SP-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	ND		49.7	79.6	F	ug/Kg		160	20 - 145	1	40
Benzene	ND		49.7	53.2		ug/Kg		107	65 - 130	2	20
Bromobenzene	ND		49.7	57.5		ug/Kg		116	65 - 140	4	25
Bromochloromethane	ND		49.7	56.9		ug/Kg		114	65 - 145	0	25
Bromodichloromethane	ND		49.7	68.0		ug/Kg		137	65 - 145	1	20
Bromoform	ND		49.7	57.6		ug/Kg		116	50 - 145	2	30
Bromomethane	ND		49.7	60.3		ug/Kg		121	60 - 155	0	25
2-Butanone (MEK)	ND		49.7	69.6		ug/Kg		140	25 - 170	0	40
Carbon tetrachloride	ND		49.7	65.4		ug/Kg		132	60 - 145	2	25
Chlorobenzene	ND		49.7	51.7		ug/Kg		104	70 - 130	1	25

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

Lab Sample ID: 440-18551-4 MSD
Matrix: Solid
Analysis Batch: 41670

Client Sample ID: SP-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloroethane	ND		49.7	47.8		ug/Kg		96	60 - 150	5	25
Chloroform	ND		49.7	58.3		ug/Kg		117	65 - 135	0	20
Chloromethane	ND		49.7	51.8		ug/Kg		104	40 - 145	8	25
2-Chlorotoluene	ND		49.7	53.3		ug/Kg		107	60 - 135	1	25
4-Chlorotoluene	ND		49.7	54.2		ug/Kg		109	65 - 135	2	25
cis-1,2-Dichloroethene	ND		49.7	58.4		ug/Kg		118	65 - 135	4	25
cis-1,3-Dichloropropene	ND		49.7	60.8		ug/Kg		122	70 - 135	0	25
Dibromochloromethane	ND		49.7	70.1		ug/Kg		141	60 - 145	1	25
1,2-Dibromo-3-Chloropropane	ND		49.7	59.0		ug/Kg		119	40 - 150	1	30
1,2-Dibromoethane (EDB)	ND		49.7	55.8		ug/Kg		112	65 - 140	1	25
Dibromomethane	ND		49.7	60.3		ug/Kg		121	65 - 140	4	25
1,2-Dichlorobenzene	ND		49.7	52.5		ug/Kg		106	70 - 130	1	25
1,3-Dichlorobenzene	ND		49.7	53.5		ug/Kg		108	70 - 130	1	25
1,4-Dichlorobenzene	ND		49.7	51.5		ug/Kg		104	70 - 130	1	25
Dichlorodifluoromethane	ND		49.7	48.9		ug/Kg		98	30 - 160	3	35
1,1-Dichloroethane	ND		49.7	55.5		ug/Kg		112	65 - 135	5	25
1,2-Dichloroethane	ND		49.7	61.2		ug/Kg		123	60 - 150	4	25
1,1-Dichloroethene	ND		49.7	53.0		ug/Kg		107	65 - 135	4	25
1,2-Dichloropropane	ND		49.7	54.6		ug/Kg		110	65 - 130	4	20
1,3-Dichloropropane	ND		49.7	52.3		ug/Kg		105	65 - 140	1	25
2,2-Dichloropropane	ND		49.7	60.7		ug/Kg		122	65 - 150	6	25
1,1-Dichloropropene	ND		49.7	49.9		ug/Kg		100	65 - 135	0	20
Ethylbenzene	ND		49.7	52.9		ug/Kg		106	70 - 135	1	25
Ethyl-t-butyl ether (ETBE)	ND		49.7	60.8		ug/Kg		122	60 - 145	2	30
Hexachlorobutadiene	ND		49.7	55.2		ug/Kg		111	50 - 145	7	35
2-Hexanone	ND		49.7	68.6		ug/Kg		138	35 - 160	1	40
Isopropylbenzene	ND		49.7	52.0		ug/Kg		105	70 - 145	3	25
Isopropyl Ether (DIPE)	ND		49.7	59.5		ug/Kg		120	60 - 150	5	25
Methylene Chloride	ND		49.7	51.1		ug/Kg		103	55 - 145	0	25
4-Methyl-2-pentanone (MIBK)	ND		49.7	60.6		ug/Kg		122	40 - 155	1	40
Methyl-t-Butyl Ether (MTBE)	ND		49.7	66.4		ug/Kg		134	55 - 155	2	35
m,p-Xylene	ND		99.4	108		ug/Kg		109	70 - 130	1	25
Naphthalene	ND		49.7	44.3		ug/Kg		89	40 - 150	3	40
n-Butylbenzene	ND		49.7	51.3		ug/Kg		103	55 - 145	1	30
N-Propylbenzene	ND		49.7	52.3		ug/Kg		105	65 - 140	3	25
o-Xylene	ND		49.7	55.0		ug/Kg		111	65 - 130	1	25
p-Isopropyltoluene	ND		49.7	51.3		ug/Kg		103	60 - 140	0	25
sec-Butylbenzene	ND		49.7	49.2		ug/Kg		99	60 - 135	2	25
Styrene	ND		49.7	59.3		ug/Kg		119	70 - 140	0	25
Tert-amyl-methyl ether (TAME)	ND		49.7	67.0		ug/Kg		135	60 - 150	6	25
tert-Butyl alcohol (TBA)	ND		249	267		ug/Kg		108	65 - 145	4	30
tert-Butylbenzene	ND		49.7	53.4		ug/Kg		108	60 - 140	2	25
1,1,1,2-Tetrachloroethane	ND		49.7	63.3		ug/Kg		127	65 - 145	1	20
1,1,2,2-Tetrachloroethane	ND		49.7	54.4		ug/Kg		109	40 - 160	3	30
Tetrachloroethene	ND		49.7	51.6		ug/Kg		104	65 - 135	1	25
Toluene	ND		49.7	56.6		ug/Kg		114	70 - 130	0	20
trans-1,2-Dichloroethene	ND		49.7	53.8		ug/Kg		108	70 - 135	4	25
trans-1,3-Dichloropropene	ND		49.7	69.5		ug/Kg		140	60 - 145	0	25
1,2,3-Trichlorobenzene	ND		49.7	43.4		ug/Kg		87	45 - 145	7	30
1,2,4-Trichlorobenzene	ND		49.7	44.4		ug/Kg		89	50 - 140	5	30

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

Lab Sample ID: 440-18551-4 MSD
Matrix: Solid
Analysis Batch: 41670

Client Sample ID: SP-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		49.7	60.1		ug/Kg		121	65 - 145	3	20
1,1,2-Trichloroethane	ND		49.7	55.6		ug/Kg		112	65 - 140	0	30
Trichloroethene	ND		49.7	53.5		ug/Kg		108	65 - 140	1	25
Trichlorofluoromethane	ND		49.7	57.8		ug/Kg		116	55 - 155	1	25
1,2,3-Trichloropropane	ND		49.7	50.4		ug/Kg		101	50 - 150	0	30
1,2,4-Trimethylbenzene	ND		49.7	57.3		ug/Kg		115	65 - 140	1	25
1,3,5-Trimethylbenzene	ND		49.7	56.8		ug/Kg		114	65 - 135	1	25
Vinyl chloride	ND		49.7	54.1		ug/Kg		109	55 - 140	2	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*80 - 120*
Dibromofluoromethane (Surr)	*119*		*80 - 125*
Toluene-d8 (Surr)	*111*		*80 - 120*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 440-41599/4
Matrix: Solid
Analysis Batch: 41599

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		400		ug/Kg			07/28/12 20:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*65 - 140*		*07/28/12 20:32*	*1*

Lab Sample ID: LCS 440-41599/2
Matrix: Solid
Analysis Batch: 41599

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
GRO (C4-C12)			1600	1370		ug/Kg		86	70 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*122*		*65 - 140*

Lab Sample ID: LCSD 440-41599/3
Matrix: Solid
Analysis Batch: 41599

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)			1600	1360		ug/Kg		85	70 - 135	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*65 - 140*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 440-41986/1-A
Matrix: Solid
Analysis Batch: 42101

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41986

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		5.0		mg/Kg		07/31/12 10:17	07/31/12 17:14	1
ORO (C23-C32)	ND		5.0		mg/Kg		07/31/12 10:17	07/31/12 17:14	1
ORO (C33-C40)	ND		5.0		mg/Kg		07/31/12 10:17	07/31/12 17:14	1
C13 - C40	ND		5.0		mg/Kg		07/31/12 10:17	07/31/12 17:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*81*		*40 - 140*	*07/31/12 10:17*	*07/31/12 17:14*	*1*

Lab Sample ID: LCS 440-41986/2-A
Matrix: Solid
Analysis Batch: 42101

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41986

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
EFH (C10-C28)			33.3	24.2		mg/Kg		73	45 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane	*76*		*40 - 140*

Lab Sample ID: 440-18521-C-1-B MS
Matrix: Solid
Analysis Batch: 42101

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 41986

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
EFH (C10-C28)	ND		33.3	16.7		mg/Kg		50	40 - 120		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane	*58*		*40 - 140*

Lab Sample ID: 440-18521-C-1-C MSD
Matrix: Solid
Analysis Batch: 42101

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 41986

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
EFH (C10-C28)	ND		33.3	19.8		mg/Kg		59	40 - 120	17	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane	*66*		*40 - 140*

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 490-9117/1-A
Matrix: Solid
Analysis Batch: 9355

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9117

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
alpha-BHC	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
alpha-Chlordane	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1

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

Lab Sample ID: MB 490-9117/1-A
Matrix: Solid
Analysis Batch: 9355

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9117

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
beta-BHC	ND		0.0033		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
Chlordane (technical)	ND		0.067		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
4,4'-DDD	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
4,4'-DDE	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
4,4'-DDT	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
delta-BHC	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
Dieldrin	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
Endosulfan I	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
Endosulfan II	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
Endosulfan sulfate	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
Endrin	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
Endrin aldehyde	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
Endrin ketone	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
gamma-BHC (Lindane)	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
gamma-Chlordane	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
Heptachlor	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
Heptachlor epoxide	ND		0.0017		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
Methoxychlor	ND		0.0033		mg/Kg		07/30/12 13:14	07/31/12 15:29	1
Toxaphene	ND		0.067		mg/Kg		07/30/12 13:14	07/31/12 15:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*59*		*25 - 150*	*07/30/12 13:14*	*07/31/12 15:29*	*1*
Tetrachloro-m-xylene	*80*		*21 - 145*	*07/30/12 13:14*	*07/31/12 15:29*	*1*

Lab Sample ID: LCS 490-9117/2-A
Matrix: Solid
Analysis Batch: 9355

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9117

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin	0.0167	0.0148		mg/Kg		89	47 - 132
alpha-BHC	0.0167	0.0154		mg/Kg		93	45 - 128
alpha-Chlordane	0.0167	0.0144		mg/Kg		86	47 - 134
beta-BHC	0.0167	0.0152		mg/Kg		91	48 - 135
4,4'-DDD	0.0167	0.0150		mg/Kg		90	46 - 149
4,4'-DDE	0.0167	0.0149		mg/Kg		89	48 - 139
4,4'-DDT	0.0167	0.0145		mg/Kg		87	24 - 150
delta-BHC	0.0167	0.0141		mg/Kg		85	10 - 149
Dieldrin	0.0167	0.0144		mg/Kg		86	42 - 137
Endosulfan I	0.0167	0.0145		mg/Kg		87	10 - 150
Endosulfan II	0.0167	0.0140		mg/Kg		84	12 - 150
Endosulfan sulfate	0.0167	0.0135		mg/Kg		81	36 - 148
Endrin	0.0167	0.0137		mg/Kg		82	46 - 145
Endrin aldehyde	0.0167	0.0144		mg/Kg		87	48 - 150
Endrin ketone	0.0167	0.0143		mg/Kg		86	43 - 150
gamma-BHC (Lindane)	0.0167	0.0152		mg/Kg		91	48 - 131
gamma-Chlordane	0.0167	0.0146		mg/Kg		88	48 - 145
Heptachlor	0.0167	0.0151		mg/Kg		90	45 - 140
Heptachlor epoxide	0.0167	0.0149		mg/Kg		89	47 - 133
Methoxychlor	0.0167	0.0148		mg/Kg		89	23 - 150

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

Lab Sample ID: LCS 490-9117/2-A
Matrix: Solid
Analysis Batch: 9355

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9117

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	72		25 - 150
Tetrachloro-m-xylene	89		21 - 145

Lab Sample ID: LCS 490-9117/3-A
Matrix: Solid
Analysis Batch: 9355

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9117

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chlordane (technical)			0.167	0.168		mg/Kg		101	50 - 150		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	75		25 - 150
Tetrachloro-m-xylene	84		21 - 145

Lab Sample ID: MB 490-9179/1-A
Matrix: Solid
Analysis Batch: 9355

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9179

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 14:04	1
alpha-BHC	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 14:04	1
alpha-Chlordane	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 14:04	1
beta-BHC	ND		0.0033		mg/Kg		07/30/12 16:11	07/31/12 14:04	1
Chlordane (technical)	ND		0.067		mg/Kg		07/30/12 16:11	07/31/12 14:04	1
4,4'-DDD	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 14:04	1
4,4'-DDE	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 14:04	1
4,4'-DDT	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 14:04	1
delta-BHC	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 14:04	1
Dieldrin	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 14:04	1
Endosulfan I	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 14:04	1
Endosulfan II	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 14:04	1
Endosulfan sulfate	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 14:04	1
Endrin	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 14:04	1
Endrin aldehyde	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 14:04	1
Endrin ketone	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 14:04	1
gamma-BHC (Lindane)	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 14:04	1
gamma-Chlordane	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 14:04	1
Heptachlor	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 14:04	1
Heptachlor epoxide	ND		0.0017		mg/Kg		07/30/12 16:11	07/31/12 14:04	1
Methoxychlor	ND		0.0033		mg/Kg		07/30/12 16:11	07/31/12 14:04	1
Toxaphene	ND		0.067		mg/Kg		07/30/12 16:11	07/31/12 14:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	87		25 - 150	07/30/12 16:11	07/31/12 14:04	1
Tetrachloro-m-xylene	92		21 - 145	07/30/12 16:11	07/31/12 14:04	1

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

Lab Sample ID: LCS 490-9179/2-A
Matrix: Solid
Analysis Batch: 9355

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9179

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin	0.0167	0.0147		mg/Kg		88	47 - 132
alpha-BHC	0.0167	0.0144		mg/Kg		87	45 - 128
alpha-Chlordane	0.0167	0.0146		mg/Kg		87	47 - 134
beta-BHC	0.0167	0.0149		mg/Kg		89	48 - 135
4,4'-DDD	0.0167	0.0155		mg/Kg		93	46 - 149
4,4'-DDE	0.0167	0.0151		mg/Kg		90	48 - 139
4,4'-DDT	0.0167	0.0153		mg/Kg		92	24 - 150
delta-BHC	0.0167	0.0136		mg/Kg		81	10 - 149
Dieldrin	0.0167	0.0147		mg/Kg		88	42 - 137
Endosulfan I	0.0167	0.0147		mg/Kg		88	10 - 150
Endosulfan II	0.0167	0.0152		mg/Kg		91	12 - 150
Endosulfan sulfate	0.0167	0.0149		mg/Kg		89	36 - 148
Endrin	0.0167	0.0134		mg/Kg		80	46 - 145
Endrin aldehyde	0.0167	0.0163		mg/Kg		98	48 - 150
Endrin ketone	0.0167	0.0164		mg/Kg		98	43 - 150
gamma-BHC (Lindane)	0.0167	0.0146		mg/Kg		88	48 - 131
gamma-Chlordane	0.0167	0.0147		mg/Kg		88	48 - 145
Heptachlor	0.0167	0.0144		mg/Kg		86	45 - 140
Heptachlor epoxide	0.0167	0.0150		mg/Kg		90	47 - 133
Methoxychlor	0.0167	0.0156		mg/Kg		93	23 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*84*		*25 - 150*
Tetrachloro-m-xylene	*85*		*21 - 145*

Lab Sample ID: LCS 490-9179/3-A
Matrix: Solid
Analysis Batch: 9355

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9179

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlordane (technical)	0.167	0.149		mg/Kg		89	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*80*		*25 - 150*
Tetrachloro-m-xylene	*74*		*21 - 145*

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

Lab Sample ID: MB 440-41698/1-A
Matrix: Solid
Analysis Batch: 41851

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41698

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	ug/Kg		07/30/12 09:00	07/30/12 20:05	1
Aroclor 1221	ND		50	ug/Kg		07/30/12 09:00	07/30/12 20:05	1
Aroclor 1232	ND		50	ug/Kg		07/30/12 09:00	07/30/12 20:05	1
Aroclor 1242	ND		50	ug/Kg		07/30/12 09:00	07/30/12 20:05	1
Aroclor 1248	ND		50	ug/Kg		07/30/12 09:00	07/30/12 20:05	1
Aroclor 1254	ND		50	ug/Kg		07/30/12 09:00	07/30/12 20:05	1

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

Lab Sample ID: MB 440-41698/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 41851 — **Prep Batch: 41698**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1260	ND		50		ug/Kg		07/30/12 09:00	07/30/12 20:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*75*		*45 - 120*	*07/30/12 09:00*	*07/30/12 20:05*	*1*

Lab Sample ID: LCS 440-41698/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 41851 — **Prep Batch: 41698**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor 1016			267	207		ug/Kg		78	65 - 115		
Aroclor 1260			267	198		ug/Kg		74	65 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*77*		*45 - 120*

Lab Sample ID: 440-18521-A-2-B MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 41851 — **Prep Batch: 41698**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor 1016	ND		266	197		ug/Kg		74	50 - 120		
Aroclor 1260	ND		266	180		ug/Kg		68	50 - 125		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*74*		*45 - 120*

Lab Sample ID: 440-18521-A-2-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 41851 — **Prep Batch: 41698**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016	ND		267	233		ug/Kg		87	50 - 120	17	30
Aroclor 1260	ND		267	195		ug/Kg		73	50 - 125	8	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*80*		*45 - 120*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-41436/1-A ^5 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 41814 — **Prep Batch: 41436**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg		07/27/12 11:18	07/30/12 12:40	5
Arsenic	ND		2.0		mg/Kg		07/27/12 11:18	07/30/12 12:40	5
Barium	ND		1.0		mg/Kg		07/27/12 11:18	07/30/12 12:40	5

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

Lab Sample ID: MB 440-41436/1-A ^5
Matrix: Solid
Analysis Batch: 41814

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41436

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.50		mg/Kg		07/27/12 11:18	07/30/12 12:40	5
Cadmium	ND		0.50		mg/Kg		07/27/12 11:18	07/30/12 12:40	5
Chromium	ND		1.0		mg/Kg		07/27/12 11:18	07/30/12 12:40	5
Cobalt	ND		1.0		mg/Kg		07/27/12 11:18	07/30/12 12:40	5
Copper	ND		2.0		mg/Kg		07/27/12 11:18	07/30/12 12:40	5
Lead	ND		2.0		mg/Kg		07/27/12 11:18	07/30/12 12:40	5
Molybdenum	ND		2.0		mg/Kg		07/27/12 11:18	07/30/12 12:40	5
Nickel	ND		2.0		mg/Kg		07/27/12 11:18	07/30/12 12:40	5
Selenium	ND		2.0		mg/Kg		07/27/12 11:18	07/30/12 12:40	5
Thallium	ND		10		mg/Kg		07/27/12 11:18	07/30/12 12:40	5
Vanadium	ND		1.0		mg/Kg		07/27/12 11:18	07/30/12 12:40	5
Zinc	ND		5.0		mg/Kg		07/27/12 11:18	07/30/12 12:40	5
Silver	ND		1.0		mg/Kg		07/27/12 11:18	07/30/12 12:40	5

Lab Sample ID: LCS 440-41436/2-A ^5
Matrix: Solid
Analysis Batch: 41814

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41436

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Antimony			50.0	50.0		mg/Kg		100	80 - 120		
Arsenic			50.0	49.0		mg/Kg		98	80 - 120		
Barium			50.0	48.9		mg/Kg		98	80 - 120		
Beryllium			50.0	49.0		mg/Kg		98	80 - 120		
Cadmium			50.0	47.3		mg/Kg		95	80 - 120		
Chromium			50.0	50.8		mg/Kg		102	80 - 120		
Cobalt			50.0	48.5		mg/Kg		97	80 - 120		
Copper			50.0	49.2		mg/Kg		98	80 - 120		
Lead			50.0	49.7		mg/Kg		99	80 - 120		
Molybdenum			50.0	46.7		mg/Kg		93	80 - 120		
Nickel			50.0	49.8		mg/Kg		100	80 - 120		
Selenium			50.0	46.0		mg/Kg		92	80 - 120		
Thallium			50.0	48.5		mg/Kg		97	80 - 120		
Vanadium			50.0	48.8		mg/Kg		98	80 - 120		
Zinc			50.0	47.1		mg/Kg		94	80 - 120		
Silver			25.0	24.1		mg/Kg		96	80 - 120		

Lab Sample ID: 440-18064-A-1-J MS ^25
Matrix: Solid
Analysis Batch: 41814

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 41436

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Antimony	ND		50.5	ND	F	mg/Kg		40	75 - 125		
Arsenic	ND		50.5	45.2		mg/Kg		89	75 - 125		
Barium	35		50.5	91.2		mg/Kg		111	75 - 125		
Beryllium	ND		50.5	55.6		mg/Kg		110	75 - 125		
Cadmium	ND		50.5	62.0		mg/Kg		123	75 - 125		
Chromium	140		50.5	203		mg/Kg		119	75 - 125		
Cobalt	28		50.5	90.1		mg/Kg		122	75 - 125		
Copper	84		50.5	153	F	mg/Kg		137	75 - 125		
Lead	ND		50.5	57.0		mg/Kg		106	75 - 125		

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

Lab Sample ID: 440-18064-A-1-J MS ^25
Matrix: Solid
Analysis Batch: 41814

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 41436

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Molybdenum	ND		50.5	47.1		mg/Kg		81	75 - 125
Nickel	77		50.5	151	F	mg/Kg		146	75 - 125
Selenium	13		50.5	57.7		mg/Kg		88	75 - 125
Thallium	ND		50.5	ND		mg/Kg		91	75 - 125
Vanadium	120		50.5	180		mg/Kg		122	75 - 125
Zinc	64		50.5	118		mg/Kg		108	75 - 125
Silver	ND		25.3	26.4		mg/Kg		105	75 - 125

Lab Sample ID: 440-18064-A-1-K MSD ^25
Matrix: Solid
Analysis Batch: 41814

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 41436

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND		49.5	ND	F	mg/Kg		45	75 - 125	10	20
Arsenic	ND		49.5	42.7		mg/Kg		86	75 - 125	6	20
Barium	35		49.5	90.6		mg/Kg		112	75 - 125	1	20
Beryllium	ND		49.5	52.5		mg/Kg		106	75 - 125	6	20
Cadmium	ND		49.5	56.8		mg/Kg		115	75 - 125	9	20
Chromium	140		49.5	208	F	mg/Kg		132	75 - 125	2	20
Cobalt	28		49.5	84.7		mg/Kg		114	75 - 125	6	20
Copper	84		49.5	148	F	mg/Kg		130	75 - 125	3	20
Lead	ND		49.5	50.9		mg/Kg		96	75 - 125	11	20
Molybdenum	ND		49.5	44.1		mg/Kg		77	75 - 125	7	20
Nickel	77		49.5	139		mg/Kg		124	75 - 125	8	20
Selenium	13		49.5	55.7		mg/Kg		85	75 - 125	3	20
Thallium	ND		49.5	ND		mg/Kg		94	75 - 125	1	20
Vanadium	120		49.5	178		mg/Kg		122	75 - 125	1	20
Zinc	64		49.5	123		mg/Kg		121	75 - 125	4	20
Silver	ND		24.8	25.1		mg/Kg		102	75 - 125	5	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 440-42036/1-A
Matrix: Solid
Analysis Batch: 42345

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 42036

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020		mg/Kg		07/31/12 15:50	08/01/12 14:18	1

Lab Sample ID: LCS 440-42036/2-A
Matrix: Solid
Analysis Batch: 42345

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 42036

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury			0.800	0.783		mg/Kg		98	80 - 120

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: 440-18409-A-1-E MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 42345 — **Prep Batch: 42036**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	0.22		0.816	0.936		mg/Kg		88	70 - 130		

Lab Sample ID: 440-18409-A-1-F MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 42345 — **Prep Batch: 42036**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.22		0.800	0.928		mg/Kg		88	70 - 130	1	20

GC/MS VOA

Analysis Batch: 41670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-18551-1	SP-1	Total/NA	Solid	8260B	
440-18551-2	SP-2	Total/NA	Solid	8260B	
440-18551-3	SP-3	Total/NA	Solid	8260B	
440-18551-4	SP-4	Total/NA	Solid	8260B	
440-18551-4 MS	SP-4	Total/NA	Solid	8260B	
440-18551-4 MSD	SP-4	Total/NA	Solid	8260B	
440-18551-5	SP-5	Total/NA	Solid	8260B	
440-18551-6	SP-6	Total/NA	Solid	8260B	
LCS 440-41670/4	Lab Control Sample	Total/NA	Solid	8260B	
MB 440-41670/3	Method Blank	Total/NA	Solid	8260B	

GC VOA

Analysis Batch: 41599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-18551-1	SP-1	Total/NA	Solid	8015B	
440-18551-2	SP-2	Total/NA	Solid	8015B	
440-18551-3	SP-3	Total/NA	Solid	8015B	
440-18551-4	SP-4	Total/NA	Solid	8015B	
440-18551-5	SP-5	Total/NA	Solid	8015B	
440-18551-6	SP-6	Total/NA	Solid	8015B	
LCS 440-41599/2	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 440-41599/3	Lab Control Sample Dup	Total/NA	Solid	8015B	
MB 440-41599/4	Method Blank	Total/NA	Solid	8015B	

GC Semi VOA

Prep Batch: 9117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-18551-1	SP-1	Total/NA	Solid	3550B	
440-18551-2	SP-2	Total/NA	Solid	3550B	
440-18551-3	SP-3	Total/NA	Solid	3550B	
LCS 490-9117/2-A	Lab Control Sample	Total/NA	Solid	3550B	
LCS 490-9117/3-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 490-9117/1-A	Method Blank	Total/NA	Solid	3550B	

Prep Batch: 9179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-18551-4	SP-4	Total/NA	Solid	3550B	
440-18551-5	SP-5	Total/NA	Solid	3550B	
440-18551-6	SP-6	Total/NA	Solid	3550B	
LCS 490-9179/2-A	Lab Control Sample	Total/NA	Solid	3550B	
LCS 490-9179/3-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 490-9179/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 9355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-18551-1	SP-1	Total/NA	Solid	8081A	9117
440-18551-2	SP-2	Total/NA	Solid	8081A	9117
440-18551-3	SP-3	Total/NA	Solid	8081A	9117
440-18551-4	SP-4	Total/NA	Solid	8081A	9179
440-18551-5	SP-5	Total/NA	Solid	8081A	9179

GC Semi VOA (Continued)

Analysis Batch: 9355 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-18551-6	SP-6	Total/NA	Solid	8081A	9179
LCS 490-9117/2-A	Lab Control Sample	Total/NA	Solid	8081A	9117
LCS 490-9117/3-A	Lab Control Sample	Total/NA	Solid	8081A	9117
LCS 490-9179/2-A	Lab Control Sample	Total/NA	Solid	8081A	9179
LCS 490-9179/3-A	Lab Control Sample	Total/NA	Solid	8081A	9179
MB 490-9117/1-A	Method Blank	Total/NA	Solid	8081A	9117
MB 490-9179/1-A	Method Blank	Total/NA	Solid	8081A	9179

Prep Batch: 41698

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-18521-A-2-B MS	Matrix Spike	Total/NA	Solid	3546	
440-18521-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	
440-18551-1	SP-1	Total/NA	Solid	3546	
440-18551-2	SP-2	Total/NA	Solid	3546	
440-18551-3	SP-3	Total/NA	Solid	3546	
440-18551-4	SP-4	Total/NA	Solid	3546	
440-18551-5	SP-5	Total/NA	Solid	3546	
440-18551-6	SP-6	Total/NA	Solid	3546	
LCS 440-41698/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 440-41698/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 41851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-18521-A-2-B MS	Matrix Spike	Total/NA	Solid	8082	41698
440-18521-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8082	41698
440-18551-1	SP-1	Total/NA	Solid	8082	41698
440-18551-2	SP-2	Total/NA	Solid	8082	41698
440-18551-3	SP-3	Total/NA	Solid	8082	41698
440-18551-4	SP-4	Total/NA	Solid	8082	41698
440-18551-5	SP-5	Total/NA	Solid	8082	41698
440-18551-6	SP-6	Total/NA	Solid	8082	41698
LCS 440-41698/2-A	Lab Control Sample	Total/NA	Solid	8082	41698
MB 440-41698/1-A	Method Blank	Total/NA	Solid	8082	41698

Prep Batch: 41986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-18521-C-1-B MS	Matrix Spike	Total/NA	Solid	CA LUFT	
440-18521-C-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	CA LUFT	
440-18551-1	SP-1	Total/NA	Solid	CA LUFT	
440-18551-2	SP-2	Total/NA	Solid	CA LUFT	
440-18551-3	SP-3	Total/NA	Solid	CA LUFT	
440-18551-4	SP-4	Total/NA	Solid	CA LUFT	
440-18551-5	SP-5	Total/NA	Solid	CA LUFT	
440-18551-6	SP-6	Total/NA	Solid	CA LUFT	
LCS 440-41986/2-A	Lab Control Sample	Total/NA	Solid	CA LUFT	
MB 440-41986/1-A	Method Blank	Total/NA	Solid	CA LUFT	

Analysis Batch: 42101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-18521-C-1-B MS	Matrix Spike	Total/NA	Solid	8015B	41986
440-18521-C-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	41986
LCS 440-41986/2-A	Lab Control Sample	Total/NA	Solid	8015B	41986

GC Semi VOA (Continued)

Analysis Batch: 42101 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 440-41986/1-A	Method Blank	Total/NA	Solid	8015B	41986

Analysis Batch: 42103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-18551-1	SP-1	Total/NA	Solid	8015B	41986
440-18551-2	SP-2	Total/NA	Solid	8015B	41986
440-18551-3	SP-3	Total/NA	Solid	8015B	41986
440-18551-4	SP-4	Total/NA	Solid	8015B	41986
440-18551-5	SP-5	Total/NA	Solid	8015B	41986
440-18551-6	SP-6	Total/NA	Solid	8015B	41986

Metals

Prep Batch: 41436

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-18064-A-1-J MS ^25	Matrix Spike	Total/NA	Solid	3050B	
440-18064-A-1-K MSD ^25	Matrix Spike Duplicate	Total/NA	Solid	3050B	
440-18551-1	SP-1	Total/NA	Solid	3050B	
440-18551-2	SP-2	Total/NA	Solid	3050B	
440-18551-3	SP-3	Total/NA	Solid	3050B	
440-18551-4	SP-4	Total/NA	Solid	3050B	
440-18551-5	SP-5	Total/NA	Solid	3050B	
440-18551-6	SP-6	Total/NA	Solid	3050B	
LCS 440-41436/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
MB 440-41436/1-A ^5	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 41814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-18064-A-1-J MS ^25	Matrix Spike	Total/NA	Solid	6010B	41436
440-18064-A-1-K MSD ^25	Matrix Spike Duplicate	Total/NA	Solid	6010B	41436
440-18551-1	SP-1	Total/NA	Solid	6010B	41436
440-18551-2	SP-2	Total/NA	Solid	6010B	41436
440-18551-3	SP-3	Total/NA	Solid	6010B	41436
440-18551-4	SP-4	Total/NA	Solid	6010B	41436
440-18551-5	SP-5	Total/NA	Solid	6010B	41436
440-18551-6	SP-6	Total/NA	Solid	6010B	41436
LCS 440-41436/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	41436
MB 440-41436/1-A ^5	Method Blank	Total/NA	Solid	6010B	41436

Prep Batch: 42036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-18409-A-1-E MS	Matrix Spike	Total/NA	Solid	7471A	
440-18409-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	
440-18551-1	SP-1	Total/NA	Solid	7471A	
440-18551-2	SP-2	Total/NA	Solid	7471A	
440-18551-3	SP-3	Total/NA	Solid	7471A	
440-18551-4	SP-4	Total/NA	Solid	7471A	
440-18551-5	SP-5	Total/NA	Solid	7471A	
440-18551-6	SP-6	Total/NA	Solid	7471A	
LCS 440-42036/2-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 440-42036/1-A	Method Blank	Total/NA	Solid	7471A	

Metals (Continued)

Analysis Batch: 42345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-18409-A-1-E MS	Matrix Spike	Total/NA	Solid	7471A	42036
440-18409-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	42036
440-18551-1	SP-1	Total/NA	Solid	7471A	42036
440-18551-2	SP-2	Total/NA	Solid	7471A	42036
440-18551-3	SP-3	Total/NA	Solid	7471A	42036
440-18551-4	SP-4	Total/NA	Solid	7471A	42036
440-18551-5	SP-5	Total/NA	Solid	7471A	42036
440-18551-6	SP-6	Total/NA	Solid	7471A	42036
LCS 440-42036/2-A	Lab Control Sample	Total/NA	Solid	7471A	42036
MB 440-42036/1-A	Method Blank	Total/NA	Solid	7471A	42036

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18551-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits

Metals

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18551-1

Laboratory: TestAmerica Irvine

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arizona	State Program	9	AZ0671	10-13-12
California	LA Cty Sanitation Districts	9	10256	01-31-13
California	NELAC	9	1108CA	01-31-13
California	State Program	9	2706	06-30-14
Guam	State Program	9	Cert. No. 12.002r	01-23-13
Hawaii	State Program	9	N/A	01-31-13
New Mexico	State Program	6	N/A	01-31-12
Northern Mariana Islands	State Program	9	MP0002	01-31-13
Oregon	NELAC	10	4005	09-12-12
USDA	Federal		P330-09-00080	06-06-14

Laboratory: TestAmerica Nashville

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

Authority	Program	EPA Region	Certification ID	Expiration Date
	ACIL		393	10-30-12
A2LA	ISO/IEC 17025		0453.07	12-31-13
Alabama	State Program	4	41150	05-31-13
Alaska (UST)	State Program	10	UST-087	07-24-13
Arizona	State Program	9	AZ0473	05-05-13
Arkansas DEQ	State Program	6	88-0737	04-25-13
California	NELAC	9	1168CA	10-31-12
Canadian Assoc Lab Accred (CALA)	Canada		3744	03-08-14
Colorado	State Program	8	N/A	02-28-13
Connecticut	State Program	1	PH-0220	12-31-13
Florida	NELAC	4	E87358	06-30-13
Illinois	NELAC	5	200010	12-09-12
Iowa	State Program	7	131	05-01-14
Kansas	NELAC	7	E-10229	10-31-12
Kentucky	State Program	4	90038	12-31-12
Kentucky (UST)	State Program	4	19	09-15-13
Louisiana	NELAC	6	LA110014	12-31-12
Louisiana	NELAC	6	30613	06-30-13
Maryland	State Program	3	316	03-31-13
Massachusetts	State Program	1	M-TN032	06-30-13
Minnesota	NELAC	5	047-999-345	12-31-12
Mississippi	State Program	4	N/A	06-30-13
Montana (UST)	State Program	8	NA	01-01-15
Nevada	State Program	9	TN00032	09-30-12
New Hampshire	NELAC	1	2963	10-09-12
New Jersey	NELAC	2	TN965	06-30-13
New York	NELAC	2	11342	04-01-13
North Carolina DENR	State Program	4	387	12-31-12
North Dakota	State Program	8	R-146	06-30-13
Ohio VAP	State Program	5	CL0033	01-19-14
Oklahoma	State Program	6	9412	08-31-12
Oregon	NELAC	10	TN200001	04-30-13
Pennsylvania	NELAC	3	68-00585	06-30-13
Rhode Island	State Program	1	LAO00268	12-30-12
South Carolina	State Program	4	84009 (001)	02-28-13
South Carolina	State Program	4	84009 (002)	02-23-14
Tennessee	State Program	4	2008	02-23-14
Texas	NELAC	6	T104704077-09-TX	08-31-12

Certification Summary

Client: Tetra Tech GEO
Project/Site: Foremost Highgrove

TestAmerica Job ID: 440-18551-1

Laboratory: TestAmerica Nashville (Continued)

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

Authority	Program	EPA Region	Certification ID	Expiration Date
USDA	Federal		S-48469	11-02-13
Utah	NELAC	8	TAN	06-30-13
Virginia	NELAC	3	460152	06-14-13
Washington	State Program	10	C789	07-19-13
West Virginia DEP	State Program	3	219	02-28-13
Wisconsin	State Program	5	998020430	08-31-12
Wyoming (UST)	A2LA	8	453.07	12-31-13

02 August 2012

Patty Mata
TestAmerica Irvine
17461 Derian Avenue, Suite 100
Irvine, CA 92614
44006438

Enclosed are the results of analyses for samples received by the laboratory on 30-Jul-12 . If you have any questions concerning this report, please feel free to contact me.

Please note that this report pertains only to the samples reported within and the work performed. No modification of this report is authorized without the consent of D-Tek Analytical Labs, Inc. This report should only be reproduced in its entirety.

Sincerely,

Tim Cannon
Operations Manager

D-Tek Analytical Labs Inc. operates under the California Environmental Lab Accreditation Program issued by the State of California Department of Health Services.(ELAP No. 2344)

D-TEK ANALYTICAL LABORATORIES, INC.

2722 Loker Ave. West, Suite B
Carlsbad, CA 92010
760-930-2555 Phone
760-930-2510 Fax

TestAmerica Irvine	Project: Herbicides	
17461 Derian Avenue, Suite 100	Project Number: 44006438	Reported:
Irvine CA, 92614	Project Manager: Patty Mata	02-Aug-12

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP-1 (440-18551-1)	1207034-01	Solid	26-Jul-12	30-Jul-12
SP-2 (440-18551-2)	1207034-02	Solid	27-Jul-12	30-Jul-12
SP-3 (440-18551-3)	1207034-03	Solid	27-Jul-12	30-Jul-12
SP-4 (440-18551-4)	1207034-04	Solid	27-Jul-12	30-Jul-12
SP-5 (440-18551-5)	1207034-05	Solid	27-Jul-12	30-Jul-12
SP-6 (440-18551-6)	1207034-06	Solid	27-Jul-12	30-Jul-12

D-TEK ANALYTICAL LABORATORIES, INC.

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TestAmerica Irvine	Project: Herbicides	
17461 Derian Avenue, Suite 100	Project Number: 44006438	Reported:
Irvine CA, 92614	Project Manager: Patty Mata	02-Aug-12

Chlorinated Herbicides by EPA Method 8151A

DTEK Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Method	Notes
SP-1 (440-18551-1) (1207034-01) Solid	**Sampled: 26-Jul-12**	**Received: 30-Jul-12**			**EPA 3550B**			
2,4-D	ND	1.10	ug/kg	D207042	30-Jul-12	31-Jul-12	EPA 8151A	
2,4-DB	ND	5.00	"	"	"	"	"	
2,4,5-T	ND	1.20	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	1.20	"	"	"	"	"	
Dalapon	ND	0.50	"	"	"	"	"	
Dicamba	ND	0.60	"	"	"	"	"	
Dichloroprop	ND	0.80	"	"	"	"	"	
Dinoseb	ND	1.10	"	"	"	"	"	
MCPA	ND	200	"	"	"	"	"	
MCPP	ND	150	"	"	"	"	"	
4-Nitrophenol	ND	5.00	"	"	"	"	"	
Pentachlorophenol	ND	1.00	"	"	"	"	"	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)		*49.8 %*	*43-169*	"	"	"	"	
SP-2 (440-18551-2) (1207034-02) Solid	**Sampled: 27-Jul-12**	**Received: 30-Jul-12**			**EPA 3550B**			
2,4-D	ND	1.10	ug/kg	D207042	30-Jul-12	31-Jul-12	EPA 8151A	
2,4-DB	ND	5.00	"	"	"	"	"	
2,4,5-T	ND	1.20	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	1.20	"	"	"	"	"	
Dalapon	ND	0.50	"	"	"	"	"	
Dicamba	ND	0.60	"	"	"	"	"	
Dichloroprop	ND	0.80	"	"	"	"	"	
Dinoseb	ND	1.10	"	"	"	"	"	
MCPA	ND	200	"	"	"	"	"	
MCPP	ND	150	"	"	"	"	"	
4-Nitrophenol	ND	5.00	"	"	"	"	"	
Pentachlorophenol	ND	1.00	"	"	"	"	"	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)		*50.2 %*	*43-169*	"	"	"	"	

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TestAmerica Irvine	Project: Herbicides	
17461 Derian Avenue, Suite 100	Project Number: 44006438	Reported:
Irvine CA, 92614	Project Manager: Patty Mata	02-Aug-12

Chlorinated Herbicides by EPA Method 8151A

DTEK Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Method	Notes
SP-3 (440-18551-3) (1207034-03) Solid	**Sampled: 27-Jul-12**	**Received: 30-Jul-12**			**EPA 3550B**			
2,4-D	ND	1.10	ug/kg	D207042	30-Jul-12	31-Jul-12	EPA 8151A	
2,4-DB	ND	5.00	"	"	"	"	"	
2,4,5-T	ND	1.20	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	1.20	"	"	"	"	"	
Dalapon	ND	0.50	"	"	"	"	"	
Dicamba	ND	0.60	"	"	"	"	"	
Dichloroprop	ND	0.80	"	"	"	"	"	
Dinoseb	ND	1.10	"	"	"	"	"	
MCPA	ND	200	"	"	"	"	"	
MCPP	ND	150	"	"	"	"	"	
4-Nitrophenol	ND	5.00	"	"	"	"	"	
Pentachlorophenol	ND	1.00	"	"	"	"	"	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)		*48.6 %*	*43-169*	"	"	"	"	
SP-4 (440-18551-4) (1207034-04) Solid	**Sampled: 27-Jul-12**	**Received: 30-Jul-12**			**EPA 3550B**			
2,4-D	ND	1.10	ug/kg	D207042	30-Jul-12	31-Jul-12	EPA 8151A	
2,4-DB	ND	5.00	"	"	"	"	"	
2,4,5-T	ND	1.20	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	1.20	"	"	"	"	"	
Dalapon	ND	0.50	"	"	"	"	"	
Dicamba	ND	0.60	"	"	"	"	"	
Dichloroprop	ND	0.80	"	"	"	"	"	
Dinoseb	ND	1.10	"	"	"	"	"	
MCPA	ND	200	"	"	"	"	"	
MCPP	ND	150	"	"	"	"	"	
4-Nitrophenol	ND	5.00	"	"	"	"	"	
Pentachlorophenol	ND	1.00	"	"	"	"	"	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)		*46.8 %*	*43-169*	"	"	"	"	

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TestAmerica Irvine	Project: Herbicides	
17461 Derian Avenue, Suite 100	Project Number: 44006438	Reported:
Irvine CA, 92614	Project Manager: Patty Mata	02-Aug-12

Chlorinated Herbicides by EPA Method 8151A

DTEK Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Method	Notes
SP-5 (440-18551-5) (1207034-05) Solid	**Sampled: 27-Jul-12**	**Received: 30-Jul-12**			**EPA 3550B**			
2,4-D	ND	1.10	ug/kg	D207042	30-Jul-12	31-Jul-12	EPA 8151A	
2,4-DB	ND	5.00	"	"	"	"	"	
2,4,5-T	ND	1.20	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	1.20	"	"	"	"	"	
Dalapon	ND	0.50	"	"	"	"	"	
Dicamba	ND	0.60	"	"	"	"	"	
Dichloroprop	ND	0.80	"	"	"	"	"	
Dinoseb	ND	1.10	"	"	"	"	"	
MCPA	ND	200	"	"	"	"	"	
MCPP	ND	150	"	"	"	"	"	
4-Nitrophenol	ND	5.00	"	"	"	"	"	
Pentachlorophenol	ND	1.00	"	"	"	"	"	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)		*46.6 %*	*43-169*	"	"	"	"	
SP-6 (440-18551-6) (1207034-06) Solid	**Sampled: 27-Jul-12**	**Received: 30-Jul-12**			**EPA 3550B**			
2,4-D	ND	1.10	ug/kg	D207042	30-Jul-12	31-Jul-12	EPA 8151A	
2,4-DB	ND	5.00	"	"	"	"	"	
2,4,5-T	ND	1.20	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	1.20	"	"	"	"	"	
Dalapon	ND	0.50	"	"	"	"	"	
Dicamba	ND	0.60	"	"	"	"	"	
Dichloroprop	ND	0.80	"	"	"	"	"	
Dinoseb	ND	1.10	"	"	"	"	"	
MCPA	ND	200	"	"	"	"	"	
MCPP	ND	150	"	"	"	"	"	
4-Nitrophenol	ND	5.00	"	"	"	"	"	
Pentachlorophenol	ND	1.00	"	"	"	"	"	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)		*49.0 %*	*43-169*	"	"	"	"	

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TestAmerica Irvine	Project: Herbicides	
17461 Derian Avenue, Suite 100	Project Number: 44006438	Reported:
Irvine CA, 92614	Project Manager: Patty Mata	02-Aug-12

Chlorinated Herbicides by EPA Method 8151A - Quality Control
DTEK Analytical Laboratories, Inc.

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch D207042 - EPA 3550B									
Blank (D207042-BLK1)			Prepared: 30-Jul-12 Analyzed: 31-Jul-12						
2,4-D	ND	ug/kg							
2,4-DB	ND	"							
2,4,5-T	ND	"							
2,4,5-TP (Silvex)	ND	"							
Dalapon	ND	"							
Dicamba	ND	"							
Dichloroprop	ND	"							
Dinoseb	ND	"							
MCPA	ND	"							
MCPP	ND	"							
4-Nitrophenol	ND	"							
Pentachlorophenol	ND	"							
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*43.6*	"	*50.0*		*87.2*	*43-169*			
LCS (D207042-BS1)			Prepared: 30-Jul-12 Analyzed: 31-Jul-12						
2,4-D	30.7	ug/kg	50.0		61.4	50-180			
2,4-DB	46.6	"	50.0		93.2	50-180			
2,4,5-TP (Silvex)	16.0	"	20.0		80.0	42-180			
Dicamba	19.6	"	25.0		78.4	42-180			
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*47.2*	"	*50.0*		*94.4*	*43-169*			
LCS Dup (D207042-BSD1)			Prepared: 30-Jul-12 Analyzed: 31-Jul-12						
2,4-D	27.5	ug/kg	50.0		55.0	50-180	11.0	30	
2,4-DB	41.5	"	50.0		83.0	50-180	11.6	30	
2,4,5-TP (Silvex)	25.0	"	20.0		125	42-180	43.9	30	
Dicamba	16.8	"	25.0		67.2	42-180	15.4	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*28.4*	"	*50.0*		*56.8*	*43-169*			

D-TEK ANALYTICAL LABORATORIES, INC.

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TestAmerica Irvine	Project: Herbicides	
17461 Derian Avenue, Suite 100	Project Number: 44006438	Reported:
Irvine CA, 92614	Project Manager: Patty Mata	02-Aug-12

Chlorinated Herbicides by EPA Method 8151A - Quality Control
DTEK Analytical Laboratories, Inc.

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch D207042 - EPA 3550B									
Matrix Spike (D207042-MS1)	**Source: 1207034-06**		Prepared: 30-Jul-12 Analyzed: 31-Jul-12						
2,4-D	35.8	ug/kg	50.0	ND	71.6	50-180			
2,4-DB	31.5	"	50.0	ND	63.0	50-180			
2,4,5-TP (Silvex)	17.3	"	20.0	ND	86.5	42-180			
Dicamba	15.4	"	25.0	ND	61.6	42-180			
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*22.2*	"	*50.0*		*44.4*	*43-169*			
Matrix Spike Dup (D207042-MSD1)	**Source: 1207034-06**		Prepared: 30-Jul-12 Analyzed: 31-Jul-12						
2,4-D	34.8	ug/kg	50.0	ND	69.6	50-180	2.83	30	
2,4-DB	37.1	"	50.0	ND	74.2	50-180	16.3	30	
2,4,5-TP (Silvex)	30.6	"	20.0	ND	153	42-180	55.5	30	
Dicamba	15.9	"	25.0	ND	63.6	42-180	3.19	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*43.2*	"	*50.0*		*86.4*	*43-169*			

D-TEK ANALYTICAL LABORATORIES, INC.

2722 Loker Ave. West, Suite B
Carlsbad, CA 92010
760-930-2555 Phone
760-930-2510 Fax

TestAmerica Irvine	Project: Herbicides	
17461 Derian Avenue, Suite 100	Project Number: 44006438	Reported:
Irvine CA, 92614	Project Manager: Patty Mata	02-Aug-12

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

QUALITY CONTROL TERMINOLOGY

LCS - LABORATORY CONTROL SAMPLE. Reported as % recovery of an independent standard carried through all sample preparation procedues to verify method performance. Acceptable range is based on historical laboratory control data and EPA requirements. Any out-of-control QC data is clearly indicated.

SPIKE - environmental sample is matrix spiked with method compounds and % recovery of concentration spiked into sample is calculated. Reported as % recovery. Acceptable range for "Normal Matrix Sample" is based on historical laboratory control data. Any out-of-control QC data is clearly indicated.

SURROGATES - Compounds representative of a group of compounds. Surrogates are spiked into environmental samples and % recovery of concentration spiked is calculated and reported. Acceptable range varies depending on sample matrix and analysis method. Any out-of-control QC data is clearly indicated.

TestAmerica Irvine
17461 Derian Ave Suite 100
Irvine, CA 92614-5817
Phone (949) 261-1022 Fax (949) 260-3297

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Mata, Patty	Carrier Tracking No(s):	COC No: 440-8976.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: patty.mata@testamericainc.com		Page: Page 1 of 1
Company: D-Tek Analytical Laboratories		Analysis Requested		Job #: 440-18551-1
Address: 2722 Loker Ave West Suite B, ,	Due Date Requested: 7/31/2012			Preservation Codes:
City: Carlsbad	TAT Requested (days):			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: CA, 92010				
Phone:	PO #:			Other:
Email:	WO #:			
Project Name: Foremost Highgrove	Project #: 44006438			
Site:	SSOW#:			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	SUBCONTRACT/ 8151 Herbicides	Special Instructions/Note:
SP-1 (440-18551-1)	7/26/12	15:30 Pacific		Solid	X	
SP-2 (440-18551-2)	7/26/12	15:35 Pacific		Solid	X	
SP-3 (440-18551-3)	7/26/12	15:40 Pacific		Solid	X	
SP-4 (440-18551-4)	7/26/12	15:45 Pacific		Solid	X	
SP-5 (440-18551-5)	7/26/12	15:50 Pacific		Solid	X	
SP-6 (440-18551-6)	7/26/12	15:55 Pacific		Solid	X	

Possible Hazard Identification
Unconfirmed

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	7-30-12 0900	TAT	[signature]	7-30-12 0900	TAT
Relinquished by: [signature]	Date/Time: 7-30-12 1110	Company TAT	Received by: [signature]	Date/Time: 7-30-12 11:10	Company D-TEK
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

8/2/2012

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TAL-0013 (0911)

CHAIN OF CUSTODY FORM

17461 Derian Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
4625 E. Cotton Center Blvd., Suite 189, Phoenix, AZ 85040 (602) 437-3340 FAX (602) 454-9303
6000 S. Eastern Ave., Suite 5E, Las Vegas, NV 89119 (702) 429-1264

440-18551 1

Client Name/Address:
TETRA TECH GEO
17885 VON KARMAN #500
IRVINE, CA 92614

Project/PO Number:
FOREMOST HIGHGROVE

Project Manager: DAVID MCALISTER

Phone Number: (949) 809-5217

Sampler: D. MCALISTER

Fax Number: 949) 809-5010

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	Analysis Required: CAM metals 6010	VOCs 8260	Herbicides 8151	PCBs 8082	Organic pesticides 8081	TPH g/d/o 8015				Special Instructions
SP-1	SOIL	9oz JAR	2	7/26/12	1530	N/A	X	X	X	X	X	X				
SP-2					1535											
SP-3					1540											
SP-4					1545											
SP-5					1550											
SP-6					1555											

Relinquished By:	Date/Time:	Received By:	Date/Time:	Turnaround Time: (Check)	
	7/27/12 0930		7-27-12 8:30	same day ____	72 hours X
Relinquished By:	Date/Time:	Received By:	Date/Time:	24 hours ____	5 days ____
				48 hours ____	normal ____
Relinquished By:	Date/Time:	Received in Lab By:	Date/Time:	Sample Integrity: (Check)	
				intact ____	on ice 4.9

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

8/24/2012

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 440-18551-1

Login Number: 18551

List Source: TestAmerica Irvine

List Number: 1

Creator: Escalante, Maria

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	David McAlister
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 440-18551-1

Login Number: 18551
List Number: 1
Creator: Huckaba, Jimmy

List Source: TestAmerica Nashville
List Creation: 07/28/12 10:15 AM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	