TETRA TECH EM INC.

February 13, 2008

Greg Haet
EH&S Associate Director, Environmental Protection
Office of Environment, Health & Safety
University of California, Berkeley
University Hall, 3rd Floor #1150
Berkeley, CA 94720

Subject: **Sampling Results for Western Transition Area Surface Soil Samples**
University of California, Berkeley, Richmond Field Station, Richmond, California

Dear Mr. Haet:

Tetra Tech EM Inc. (Tetra Tech) was contracted by the University of California (UC) Berkeley to conduct sampling activities at Richmond Field Station (RFS), in Richmond, California. The objective of the sampling effort was to characterize surface soils in the Western Transition Area (WTA). UC Berkeley is scheduling the removal of invasive and noxious weeds in the WTA; therefore, soil samples were collected to evaluate soil conditions that workers could be exposed to while performing the noxious weed abatement. This letter provides the rationale for the selected sampling locations, a summary of field sampling protocols, and sample results. A figure presenting the sampling locations is presented at the end of this letter. Complete analytical results are presented in Attachment 1.

Sample Locations

Multi-increment sampling was selected for this project to provide a comprehensive and thorough evaluation of a specific area of exposure, or decision unit. The multi-increment sampling strategy for this project was based on developing decision units to best represent soil exposure by workers performing weeding activities. Three decision units were selected based on possible exposure areas within the project site.

UC Berkeley provided Tetra Tech with site-specific boundaries of the areas where noxious weed abatement may be performed. Based on this information, Tetra Tech identified the Western Transition Area Decision Unit 1, the Western Transition Area Decision Unit 2, and the Western Transition Area Decision Unit 3. In addition, two locations where surficial ash and debris were identified west of Decision Unit 2 were sampled independent of the three decision units and identified as the Western Transition Area Ash-pile areas. The locations of the three decision units and ash pile locations are presented on the figure at the end of this letter. Because weed removal activities may include the hand-removal of plants and associated roots, it was determined that surface sample depths of 0 to 6 inches below ground surface (bgs) would most likely represent soil that would be encountered during weeding activities.

Field Sampling Protocols

Surficial soil samples were collected on January 17, 2008. Decision units were identified in the field based on the possible exposure areas identified in the attached figure. One multi-increment surface soil sample was collected from each of the decision units. The multi-increment soil sample consisted of 50 subsamples, or increment locations, collected from 0 to 6 inches bgs within each decision unit. The two ash-pile areas were not sampled as a part of Decision Unit 2. In these areas, multi-increment soil samples consisting of 10 subsamples, or increment locations, collected from 0 to 12 inches bgs (total depth of ash piles), were collected from each of the two piles.

The multi-increment sampling technique was used to obtain sufficient material over the decision unit to account for both compositional and distributional heterogeneity of any possible contamination. The sampling protocol followed these steps:

1. The field sampler began at a corner of the decision unit and sampled in an orthogonal pattern, moving from north to south to collect subsamples from 50 locations within each decision unit. The locations of the subsamples were not critical as long as they were distributed throughout the decision unit. The subsamples were collected using one disposable trowel for the decision unit.

2. The 50 subsamples were placed into a clean, stainless steel bowl as they were collected, and mixed to form one composited multi-increment sample.

3. The mixed soil in the bowl was redistributed into a 1-inch thick uniform layer (approximately 16 by 24 inches) directly on the surface within the decision unit.

4. 50 incremental subsamples of the soil were randomly collected from across the uniform layer described in Step 3 using a disposable spoon and placed in the sample containers provided by the laboratory to form the final sample that was submitted to the analytical laboratory for the analyses listed below.

Following collection, all sample containers were labeled, wrapped with protective bubble wrap material, placed into sealable plastic bags, and packed into insulated coolers containing frozen Blue Ice® to maintain the temperature at or below 4° Celsius. A copy of the chain-of-custody form is presented in Attachment 1. The sample cooler was delivered to Curtis and Tompkins, Ltd. in Berkeley, California on January 17, 2008.

Sample Results

Soil samples were analyzed for metals; total petroleum hydrocarbons (TPH) as gas, motor oil, and diesel; pesticides; polychlorinated biphenyls (PCB); and semi-volatile organic compounds (SVOC) using the methods listed below.

- Preparation of Sample: EPA 3520C
- Metals by EPA 6010B; Mercury by EPA 7471A

- TPH by EPA 8015Modified
- PCB analysis by EPA 8081A
- SVOC analysis by EPA 8270

Sample results are presented below along with California Human Health Screening Levels (CHHSL) ["Use of California Human Health Screening Levels (CHHSLs) in Evaluation of Contaminated Properties" California Environmental Protection Agency, January 2005]. Where CHHSLs are not available, other screening levels are presented, such as the Federal Region 9 EPA Preliminary Remediation Goals and the California Regional Water Quality Control Board's Environmental Screening Levels. The California Total Threshold Limit Concentration (TTLC) is included to evaluate mercury; mercury has a TTLC value lower than its commercial CHHSL.

All sample results for the Western Area DU1 are less that the commercial worker screening criteria. All samples results from Western Transition Area DU2 and DU3 are less than the commercial worker screening criteria, with the exception of PCBs. The PCB concentrations at these decision units are less than one order of magnitude greater than the screening criteria. It should be noted that the screening criteria for commercial workers are based on the assumed exposure to PCBs at a rate of 250 hours per year for 20 years. Given this assumption and the anticipated duration of any worker that will be performing weeding activities, the current PCB concentrations present in soil in these decision units should not cause unacceptable risk.

Sample results from the samples collected from the two locations of ash piles exceed the screening criteria by more than an order of magnitude and exceed the California TTLC. As a result, these soil areas should not be included in noxious weed removal activities and should be removed.

If you have any questions or comments regarding this submittal, please call me at (415) 222-8283.

Sincerely,

Jason Brodersen, P.G.
Project Manager

Enclosure: Figures 1

Attachment 1: Analytical Results

TETRA TECH EM INC.

TPH, SVOC, PESTICIDE, AND PCB RESULTS
REPORTED IN MILLIGRAMS PER KILOGRAM (mg/kg)

	TPH			SVOCs	Pesticides (1)					PCBs (2)		
Sample Location	**Gasoline**	**Diesel**	**Motor Oil**	**All**	**4,4'-DDE**	**4,4'-DDT**	**Lindane**	**Alpha-chlordane**	**Gamma-chlordane**	**Aroclor 1248**	**Aroclor 1254**	**Aroclor 1260**
CHHSL Residential	--	--	--		*1.6*	*1.6*	*0.50*	*0.43*	*0.43*	*0.089*	*0.089*	*0.089*
CHHSL Commercial	--	--	--	--	*6.3*	*6.3*	*2.0*	*1.7*	*1.7*	*0.3*	*0.3*	*0.3*
CRWQCB Residential Non Drinking Water	*400*	*500*	*500*	--								
CRWQCB Commercial Non Drinking Water	*400*	*500*	*1,000*	--								
EPA Region 9 Residential PRG	--	--	--	--								
EPA Region 9 Commercial PRG	--	--	--	--								
Western Transition Area DU 1	ND	16 Y	100	ND	0.011 CJ	ND	ND	ND	ND	0.24	0.17	0.024
Western Transition Area DU 2	ND	40 Y	150	ND	ND	ND	ND	ND	ND	**0.40**	0.21	0.027
Western Transition Area DU 3	ND	20 Y	150	ND	0.012	ND	ND	ND	ND	**0.72**	**0.93**	0.12
Western Transition Area Ash pile DU 1	ND	150 Y	370	ND	ND	ND	210	ND	ND	**60**	**18**	**2.4**
Western Transition Area Ash pile DU 2	ND	19 Y	190	ND	0.014 J	0.013 CJ	ND	0.013 C	0.0095 CJ	0.20	0.18	0.081

Notes:

Bold indicates exceedence of CHHSL Commercial screening value
ND Not detected
Y Sample exhibits chromatographic pattern which does not resemble standard
J Estimated Value
C Presence confirmed, but RPD between columns exceeds 40%
1. All other pesticides not detected
2. All other PCBs not detected

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www.ttemi.com

TETRA TECH EM INC.

METALS RESULTS
REPORTED IN MILLIGRAMS PER KILOGRAM (mg/kg)

Sample Location	Metals														
	Antimony	**Arsenic (1)**	**Barium**	**Beryllium**	**Cadmium**	**Chromium**	**Cobalt**	**Copper**	**Lead**	**Mercury**	**Molybdenum**	**Nickel**	**Silver**	**Vanadium**	**Zinc**
CHHSL Residential	*30*		*5,200*	*150*	*1.7*	*100,000*	*660*	*3,000*	*150*	*18*	*380*	*1,600*	*380*	*530*	*23,000*
CHHSL Commercial	*380*		*63,000*	*1,700*	*7.5*	*100,000*	*3,200*	*38,000*	*3,500*	*180*	*4,800*	*16,000*	*4,800*	*6,700*	*100,000*
Background		*16*													
TTLC Value										*20*					
Western Transition Area DU 1	0.95	5.2	96	0.33	0.28 J	41	7.7	43	15	2.7	ND	44	ND	32	70
Western Transition Area DU 2	0.43 J	4.4	120	0.34	0.33	43	8.1	42	22	0.71	ND	44	1.3	31	81
Western Transition Area DU 3	0.47 J	6.9	110	0.36	0.48	49	8.9	57	16	4.1	ND	56	0.18 J	35	89
Western Transition Area Ash-pile DU 1	2.2	19	400	0.36	2.9	51	11	1,2000	220	9	3.6	61	42	33	940
Western Transition Area Ash-pile DU 2	33	17	1,600	0.37	9.3	200	15	21,000	1,400	23	12	100	190	40	3,600

Notes:

Bold indicates exceedence of background, commercial screening, or California Total Threshold Limit Concentration (TTLC) level.
ND Not detected

1. Arsenic screening value based on DTSC-approved ambient concentration developed for the adjacent Campus Bay site.
J Estimated Value

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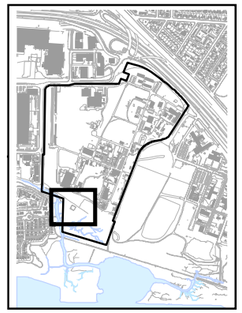


Decision Unit Boundaries (approximate)

Multi-Increment Sampling Locations (approximate)

Sampling Locations

Note:
Image date March 2005, courtesy of BBL Inc.

60 0 60
Feet

TETRA TECH EM INC.

Richmond Field Station
University of California, Berkeley

WESTERN TRANSITION AREA SURFACE SAMPLING

2008-02-12 V:\Misc_GIS\Richmond_Field_Station\Projects\Coastal_Prairie_Sampling\WTA_Bulb_Decision_Unit_1.mxd TtEMI-SF Aleksandr Zhuk

COMPLETE SAMPLING RESULTS

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 5030B
Project#:	103DS1518014.01	Analysis:	EPA 8015B
Field ID:	RFS-WTA-DU1-001	Diln Fac:	1.000
Lab ID:	200592-001	Batch#:	133917
Matrix:	Soil	Sampled:	01/17/08
Units:	mg/Kg	Received:	01/17/08
Basis:	dry	Analyzed:	01/19/08

Moisture: 21%

Analyte	Result	RL
Gasoline C7-C12	ND	1.2

Surrogate	%REC	Limits
Trifluorotoluene (FID)	130	71-132
Bromofluorobenzene (FID)	114	69-145

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 5030B
Project#:	103DS1518014.01	Analysis:	EPA 8015B
Field ID:	RFS-WTA-DU2-001	Diln Fac:	1.000
Lab ID:	200592-002	Batch#:	133917
Matrix:	Soil	Sampled:	01/17/08
Units:	mg/Kg	Received:	01/17/08
Basis:	dry	Analyzed:	01/19/08

Moisture: 19%

Analyte	Result	RL
Gasoline C7-C12	ND	1.3

Surrogate	%REC	Limits
Trifluorotoluene (FID)	130	71-132
Bromofluorobenzene (FID)	121	69-145

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 5030B
Project#:	103DS1518014.01	Analysis:	EPA 8015B
Field ID:	RFS-WTA-DU3-001	Diln Fac:	1.000
Lab ID:	200592-003	Batch#:	133917
Matrix:	Soil	Sampled:	01/17/08
Units:	mg/Kg	Received:	01/17/08
Basis:	dry	Analyzed:	01/19/08

Moisture: 18%

Analyte	Result	RL
Gasoline C7-C12	ND	1.2

Surrogate	%REC	Limits
Trifluorotoluene (FID)	130	71-132
Bromofluorobenzene (FID)	118	69-145

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 5030B
Project#:	103DS1518014.01	Analysis:	EPA 8015B
Field ID:	RFS-WTAA-001	Diln Fac:	1.000
Lab ID:	200592-004	Batch#:	133917
Matrix:	Soil	Sampled:	01/17/08
Units:	mg/Kg	Received:	01/17/08
Basis:	dry	Analyzed:	01/19/08

Moisture: 16%

Analyte	Result	RL
Gasoline C7-C12	ND	1.2

Surrogate	%REC	Limits
Trifluorotoluene (FID)	125	71-132
Bromofluorobenzene (FID)	109	69-145

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 5030B
Project#:	103DS1518014.01	Analysis:	EPA 8015B
Field ID:	RFS-WTAA-002	Diln Fac:	1.000
Lab ID:	200592-006	Batch#:	133917
Matrix:	Soil	Sampled:	01/17/08
Units:	mg/Kg	Received:	01/17/08
Basis:	dry	Analyzed:	01/19/08

Moisture: 26%

Analyte	Result	RL
Gasoline C7-C12	ND	1.4

Surrogate	%REC	Limits
Trifluorotoluene (FID)	127	71-132
Bromofluorobenzene (FID)	109	69-145

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 5030B
Project#:	103DS1518014.01	Analysis:	EPA 8015B
Type:	BLANK	Basis:	as received
Lab ID:	QC424678	Diln Fac:	1.000
Matrix:	Soil	Batch#:	133917
Units:	mg/Kg	Analyzed:	01/19/08

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	116	71-132
Bromofluorobenzene (FID)	97	69-145

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 5030B
Project#:	103DS1518014.01	Analysis:	EPA 8015B
Type:	LCS	Basis:	as received
Lab ID:	QC424680	Diln Fac:	1.000
Matrix:	Soil	Batch#:	133917
Units:	mg/Kg	Analyzed:	01/19/08

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	5.000	4.511	90	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	149 *	71-132
Bromofluorobenzene (FID)	148 *	69-145

*= Value outside of QC limits; see narrative

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 5030B
Project#:	103DS1518014.01	Analysis:	EPA 8015B
Field ID:	RFS-WTA-DU1-001	Diln Fac:	1.000
MSS Lab ID:	200592-001	Batch#:	133917
Matrix:	Soil	Sampled:	01/17/08
Units:	mg/Kg	Received:	01/17/08
Basis:	as received	Analyzed:	01/21/08

Type: MS Lab ID: QC424681

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.1241	9.615	6.771	69	43-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	130	71-132
Bromofluorobenzene (FID)	107	69-145

Type: MSD Lab ID: QC424682

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	9.259	6.910	73	43-120	6	25

Surrogate	%REC	Limits
Trifluorotoluene (FID)	140 *	71-132
Bromofluorobenzene (FID)	117	69-145

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	SHAKER TABLE
Project#:	103DS1518014.01	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	01/17/08
Units:	mg/Kg	Received:	01/17/08
Batch#:	133928	Prepared:	01/20/08

Field ID:	RFS-WTA-DU1-001	Moisture:	21%
Type:	SAMPLE	Diln Fac:	1.000
Lab ID:	200592-001	Analyzed:	01/22/08
Basis:	dry	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	16 Y	1.3
Motor Oil C24-C36	100	6.3

Surrogate	%REC	Limits
Hexacosane	88	46-128

Field ID:	RFS-WTA-DU2-001	Moisture:	19%
Type:	SAMPLE	Diln Fac:	1.000
Lab ID:	200592-002	Analyzed:	01/22/08
Basis:	dry	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	40 Y	1.2
Motor Oil C24-C36	150	6.2

Surrogate	%REC	Limits
Hexacosane	84	46-128

Field ID:	RFS-WTA-DU3-001	Moisture:	18%
Type:	SAMPLE	Diln Fac:	1.000
Lab ID:	200592-003	Analyzed:	01/22/08
Basis:	dry	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	20 Y	1.2
Motor Oil C24-C36	150	6.1

Surrogate	%REC	Limits
Hexacosane	103	46-128

Field ID:	RFS-WTAA-001	Moisture:	16%
Type:	SAMPLE	Diln Fac:	1.000
Lab ID:	200592-004	Analyzed:	01/22/08
Basis:	dry	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	150 Y	1.2
Motor Oil C24-C36	370	5.9

Surrogate	%REC	Limits
Hexacosane	84	46-128

Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	SHAKER TABLE
Project#:	103DS1518014.01	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	01/17/08
Units:	mg/Kg	Received:	01/17/08
Batch#:	133928	Prepared:	01/20/08

Field ID:	RFS-WSM-DU1-001	Moisture:	50%
Type:	SAMPLE	Diln Fac:	5.000
Lab ID:	200592-005	Analyzed:	01/22/08
Basis:	dry	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	130 Y	10
Motor Oil C24-C36	560	50

Surrogate	%REC	Limits
Hexacosane	94	46-128

Field ID:	RFS-WTAA-002	Moisture:	26%
Type:	SAMPLE	Diln Fac:	1.000
Lab ID:	200592-006	Analyzed:	01/22/08
Basis:	dry	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	19 Y	1.4
Motor Oil C24-C36	190	6.8

Surrogate	%REC	Limits
Hexacosane	90	46-128

Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC424730	Analyzed:	01/21/08
Basis:	as received	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	106	46-128

Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

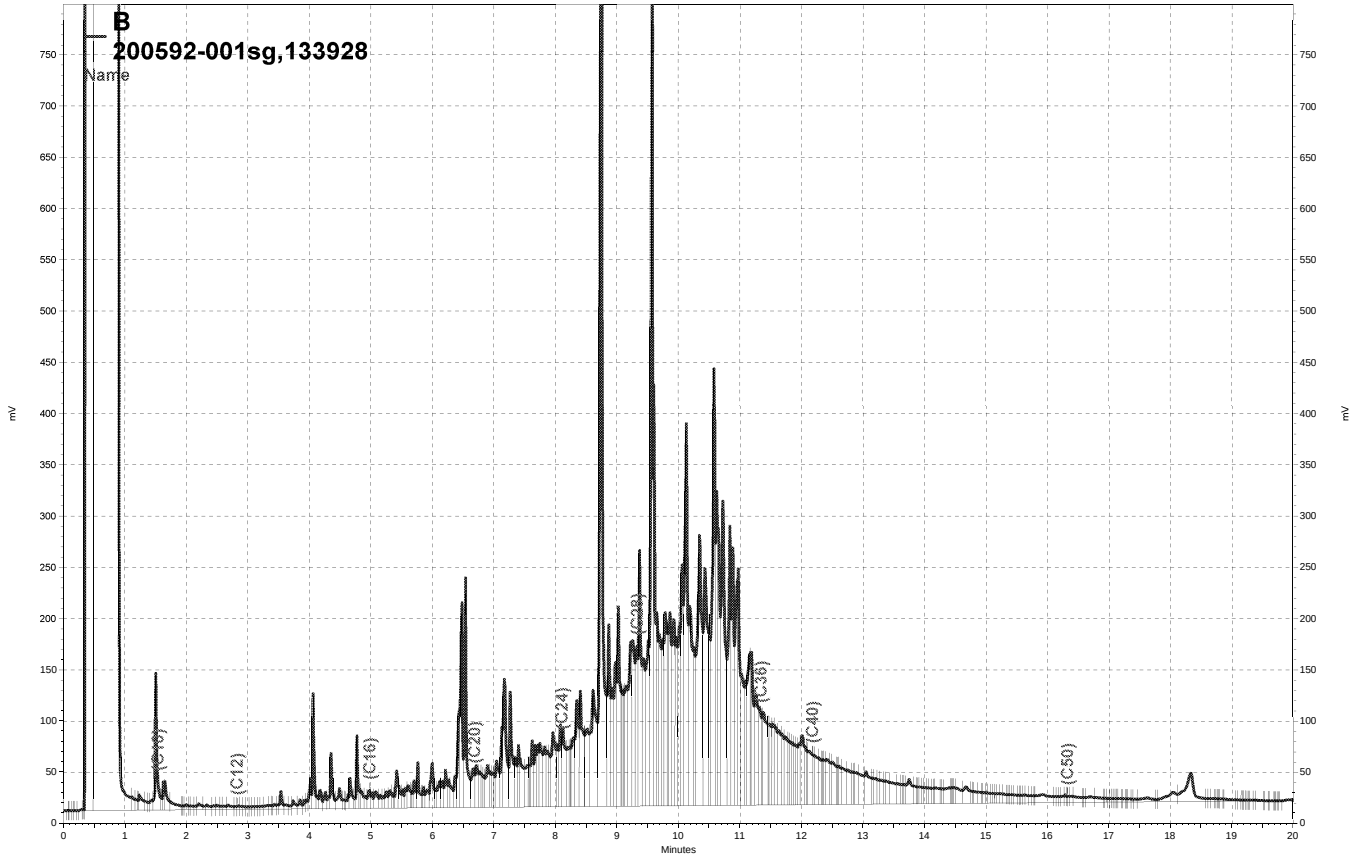
Total Extractable Hydrocarbons

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	SHAKER TABLE
Project#:	103DS1518014.01	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC424731	Batch#:	133928
Matrix:	Soil	Prepared:	01/20/08
Units:	mg/Kg	Analyzed:	01/21/08
Basis:	as received		

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.81	44.81	90	55-131

Surrogate	%REC	Limits
Hexacosane	106	46-128



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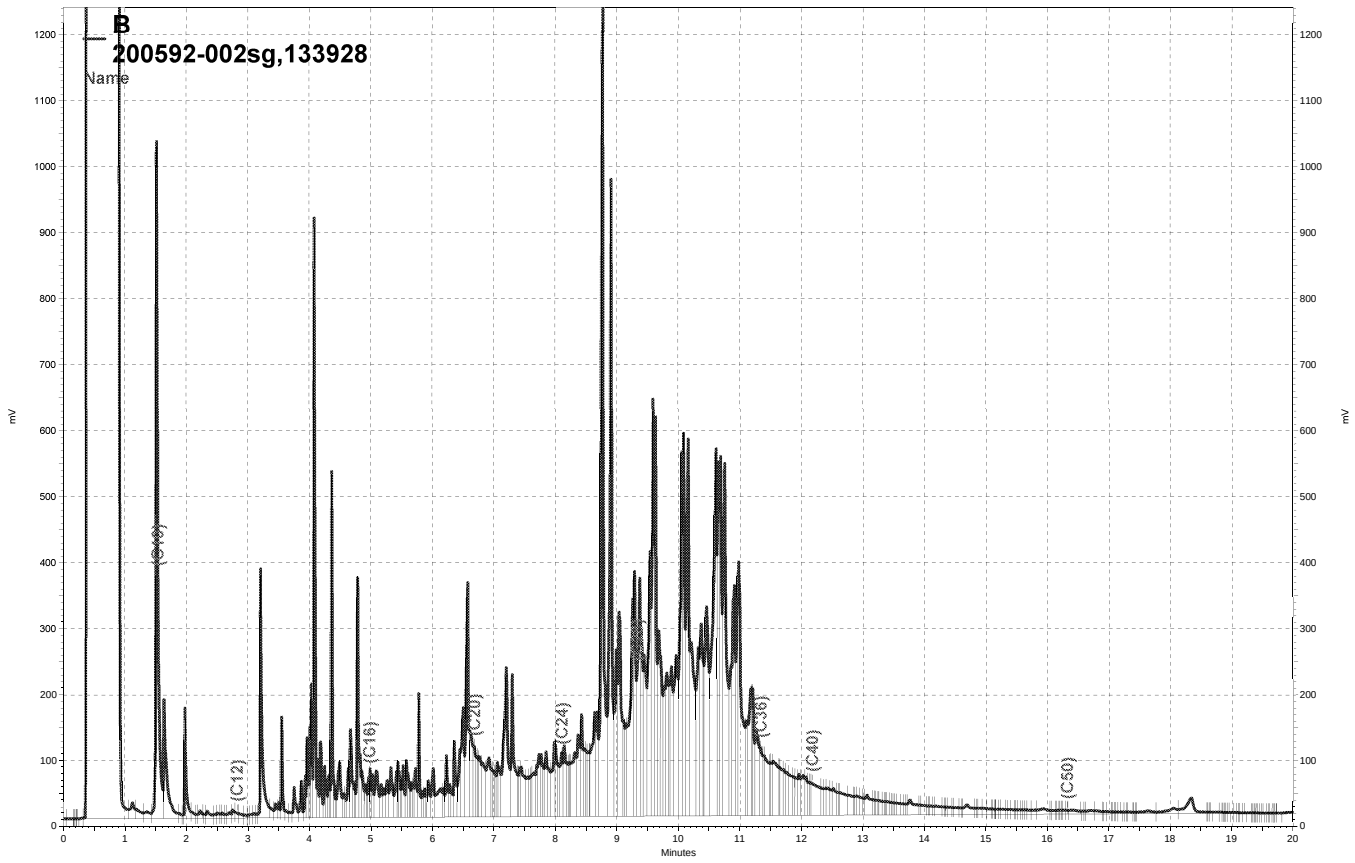

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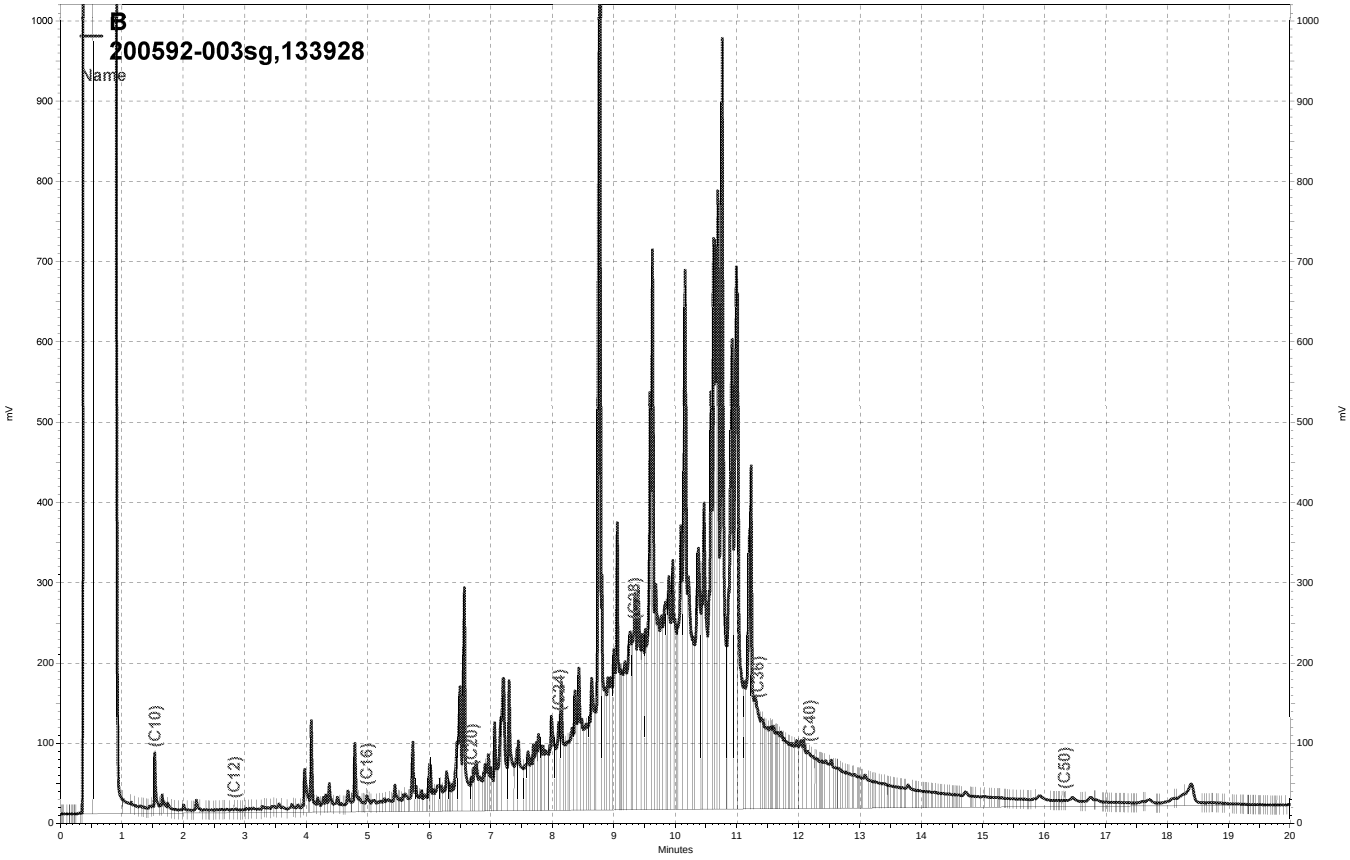

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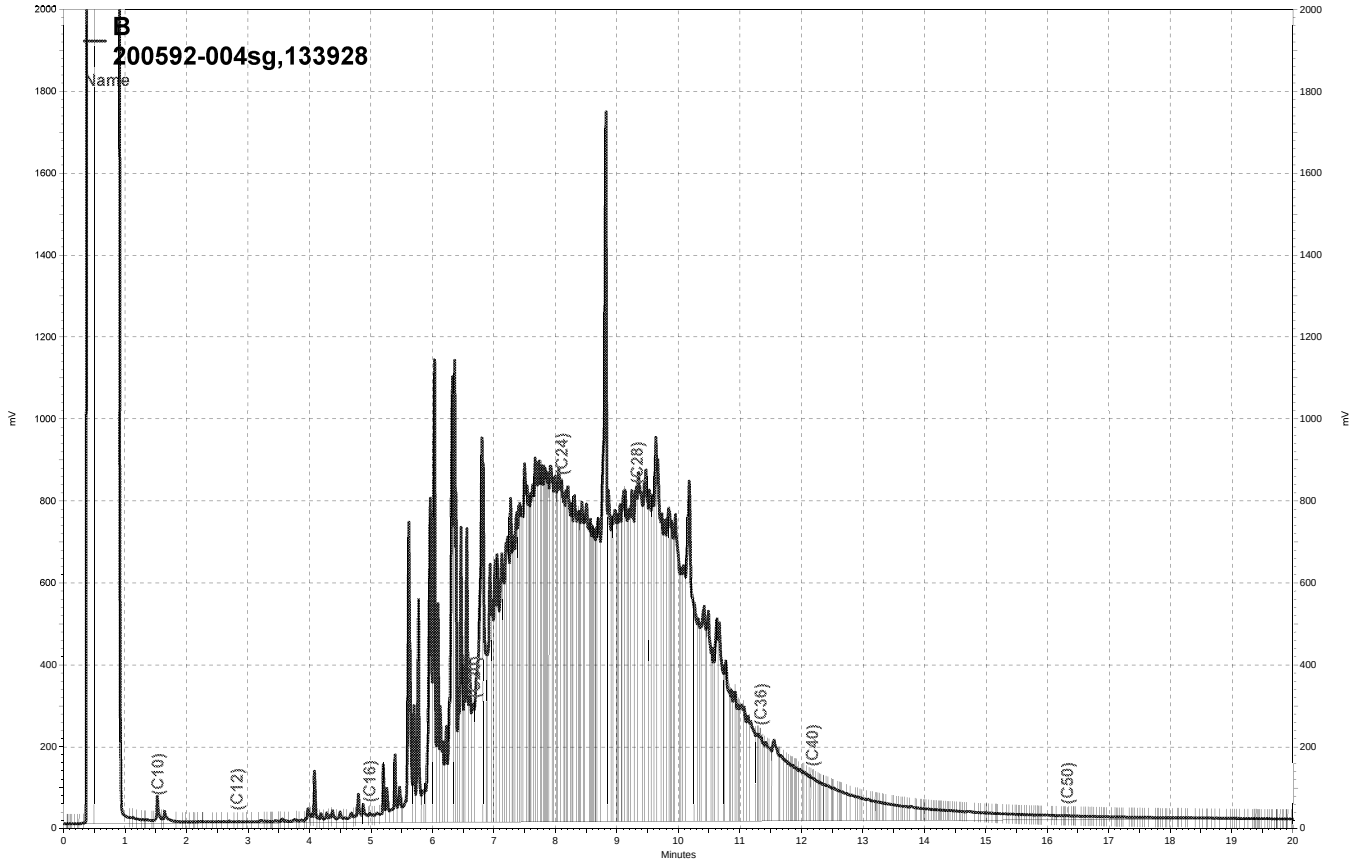

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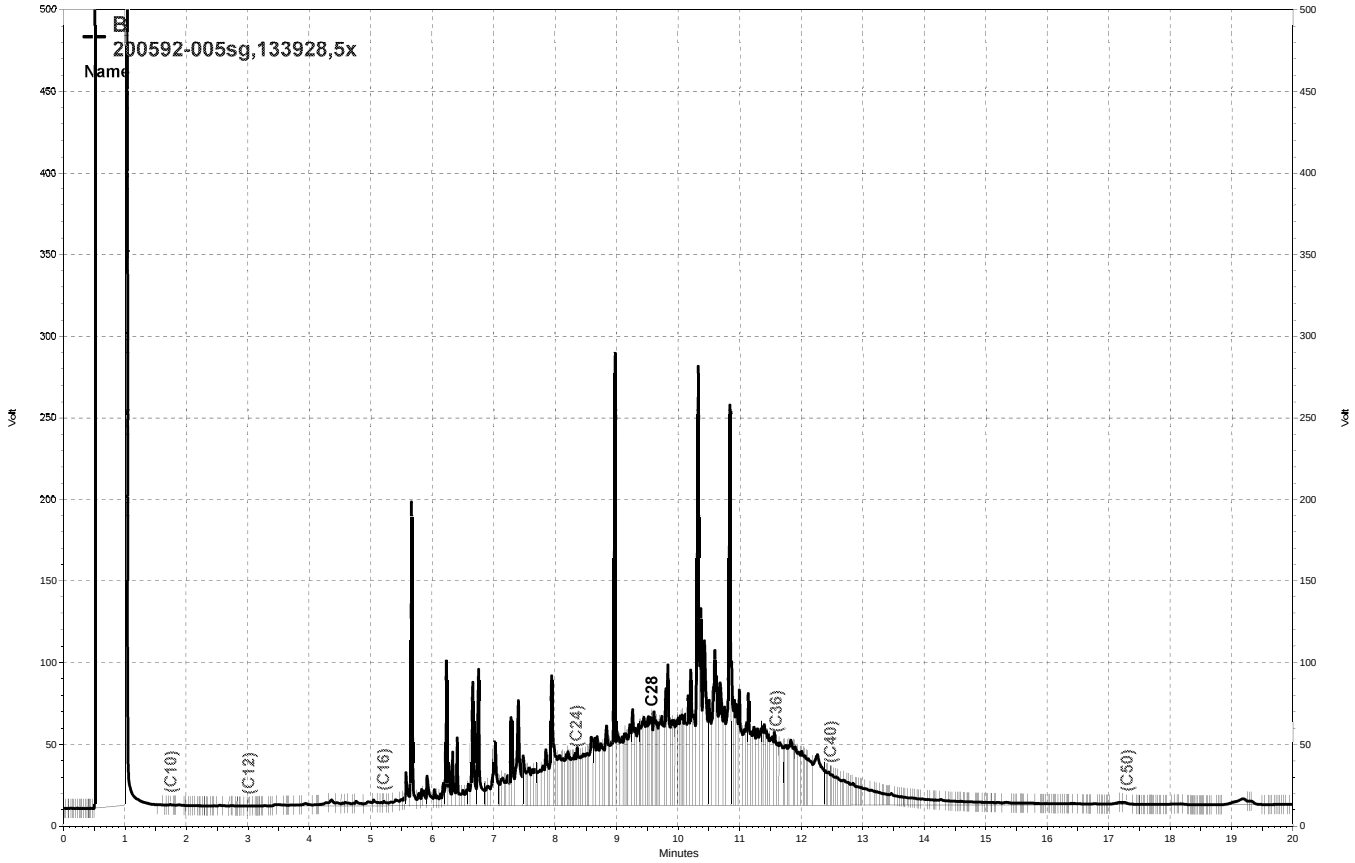

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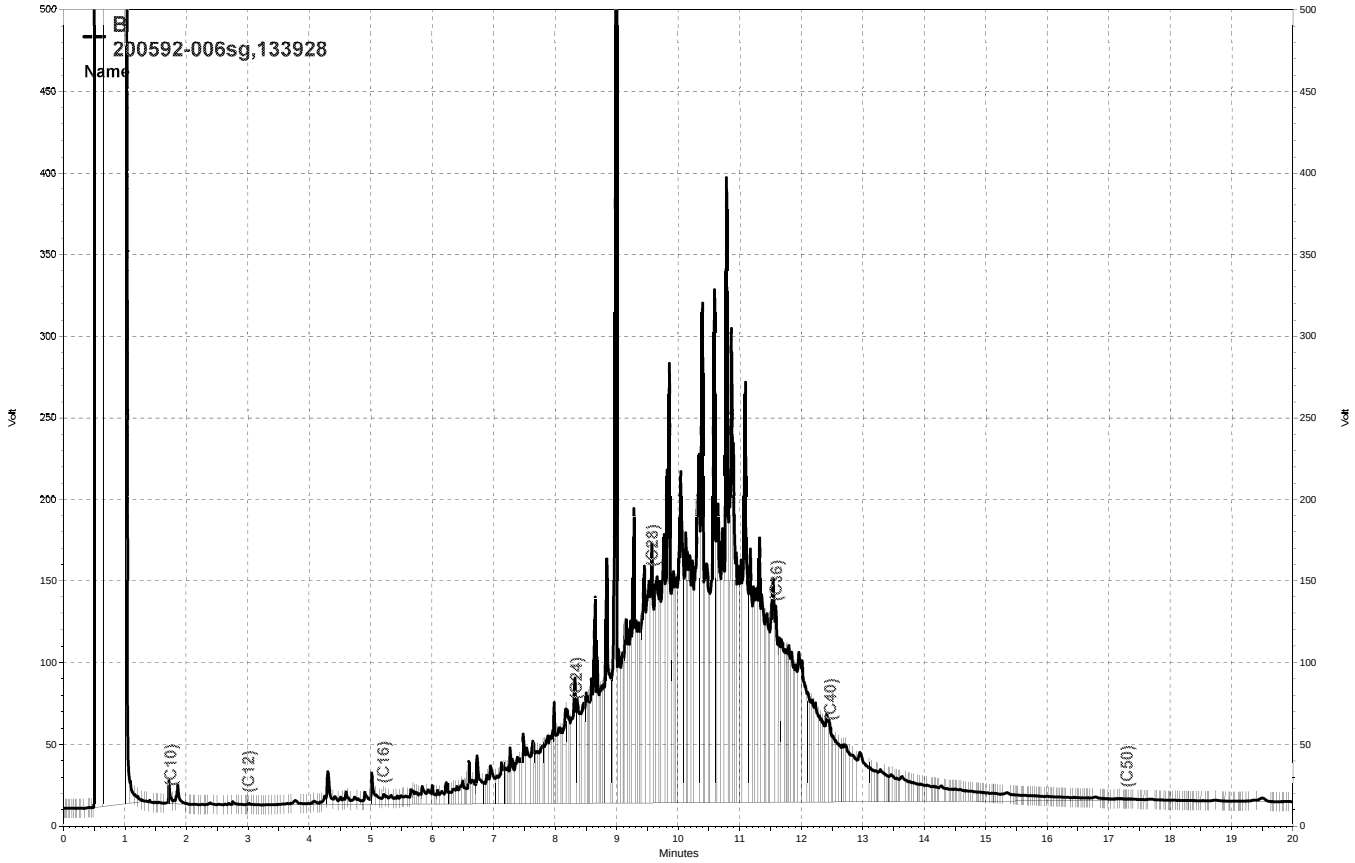

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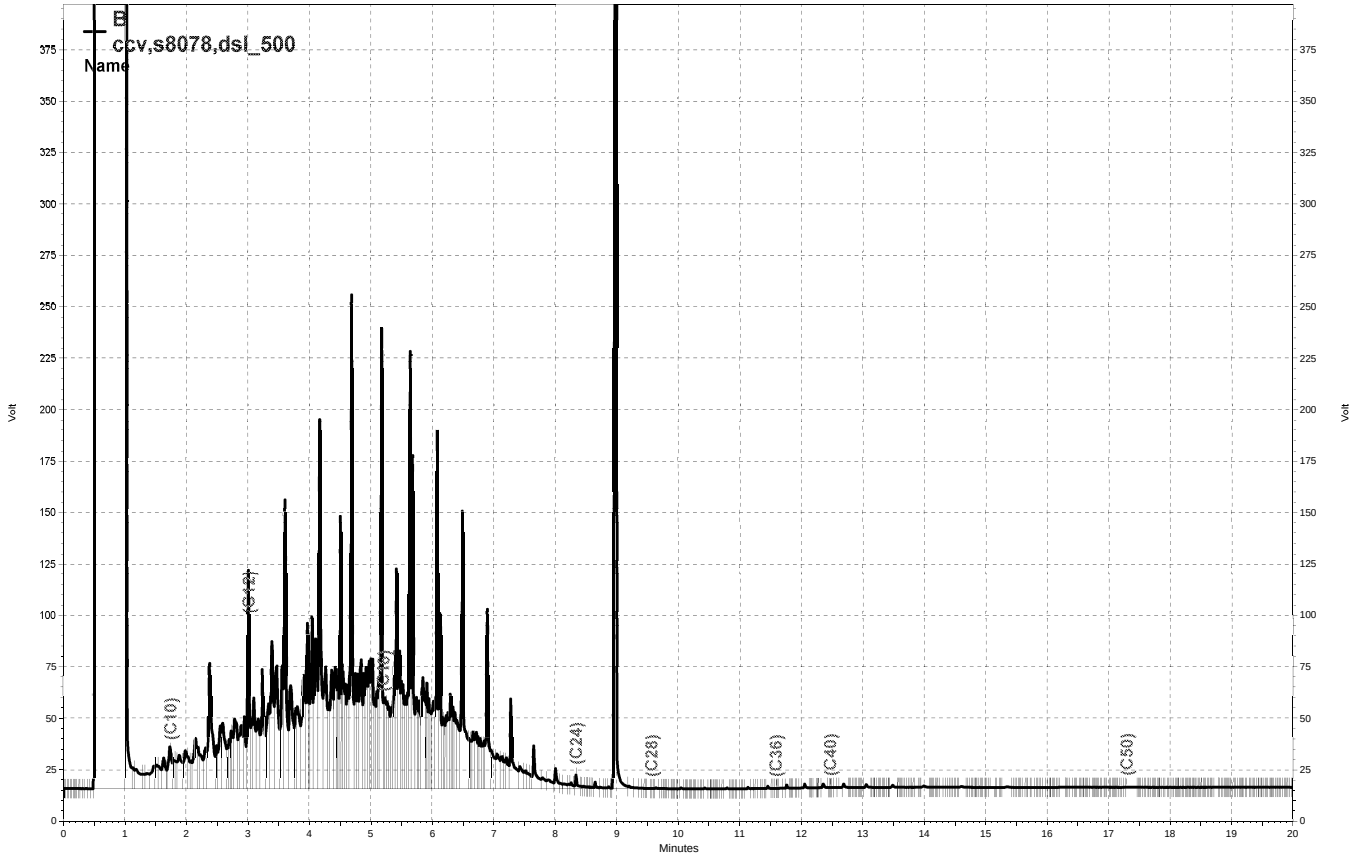

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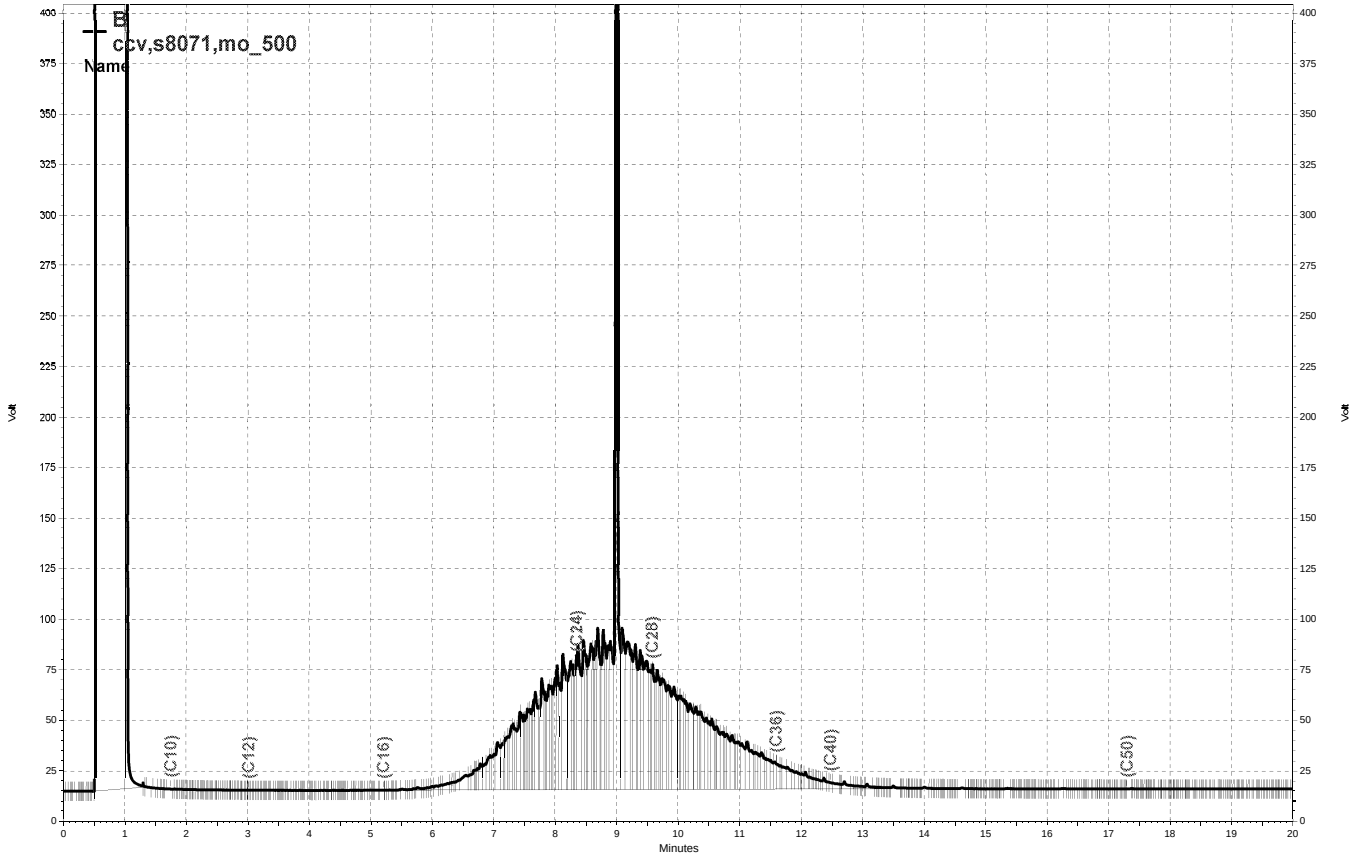

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Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8270C
Field ID:	RFS-WTA-DU1-001	Batch#:	133881
Lab ID:	200592-001	Sampled:	01/17/08
Matrix:	Soil	Received:	01/17/08
Units:	ug/Kg	Prepared:	01/18/08
Basis:	dry	Analyzed:	01/25/08
Diln Fac:	2.000		

Moisture: 21%

Analyte	Result	RL
N-Nitrosodimethylamine	ND	840
Phenol	ND	840
bis(2-Chloroethyl)ether	ND	840
2-Chlorophenol	ND	840
1,3-Dichlorobenzene	ND	840
1,4-Dichlorobenzene	ND	840
Benzyl alcohol	ND	840
1,2-Dichlorobenzene	ND	840
2-Methylphenol	ND	840
bis(2-Chloroisopropyl) ether	ND	840
4-Methylphenol	ND	840
N-Nitroso-di-n-propylamine	ND	840
Hexachloroethane	ND	840
Nitrobenzene	ND	840
Isophorone	ND	840
2-Nitrophenol	ND	1,700
2,4-Dimethylphenol	ND	840
Benzoic acid	ND	4,200
bis(2-Chloroethoxy)methane	ND	840
2,4-Dichlorophenol	ND	840
1,2,4-Trichlorobenzene	ND	840
Naphthalene	ND	170
4-Chloroaniline	ND	840
Hexachlorobutadiene	ND	840
4-Chloro-3-methylphenol	ND	840
2-Methylnaphthalene	ND	170
Hexachlorocyclopentadiene	ND	1,700
2,4,6-Trichlorophenol	ND	840
2,4,5-Trichlorophenol	ND	840
2-Chloronaphthalene	ND	840
2-Nitroaniline	ND	1,700
Dimethylphthalate	ND	840
Acenaphthylene	ND	170
2,6-Dinitrotoluene	ND	840
3-Nitroaniline	ND	1,700
Acenaphthene	ND	170
2,4-Dinitrophenol	ND	1,700
4-Nitrophenol	ND	1,700
Dibenzofuran	ND	840
2,4-Dinitrotoluene	ND	840
Diethylphthalate	ND	840
Fluorene	ND	170
4-Chlorophenyl-phenylether	ND	840
4-Nitroaniline	ND	1,700
4,6-Dinitro-2-methylphenol	ND	1,700
N-Nitrosodiphenylamine	ND	840
Azobenzene	ND	840
4-Bromophenyl-phenylether	ND	840
Hexachlorobenzene	ND	840
Pentachlorophenol	ND	1,700

J= Estimated value
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8270C
Field ID:	RFS-WTA-DU1-001	Batch#:	133881
Lab ID:	200592-001	Sampled:	01/17/08
Matrix:	Soil	Received:	01/17/08
Units:	ug/Kg	Prepared:	01/18/08
Basis:	dry	Analyzed:	01/25/08
Diln Fac:	2.000		

Analyte	Result	RL
Phenanthrene	ND	170
Anthracene	ND	170
Di-n-butylphthalate	ND	840
Fluoranthene	ND	170
Pyrene	ND	170
Butylbenzylphthalate	ND	840
3,3'-Dichlorobenzidine	ND	1,700
Benzo(a)anthracene	ND	170
Chrysene	ND	170
bis(2-Ethylhexyl)phthalate	ND	840
Di-n-octylphthalate	ND	840
Benzo(b)fluoranthene	ND	170
Benzo(k)fluoranthene	ND	170
Benzo(a)pyrene	ND	170
Indeno(1,2,3-cd)pyrene	ND	170
Dibenz(a,h)anthracene	ND	170
Benzo(g,h,i)perylene	ND	170

Tentatively Identified Compounds	Result
.alpha.-Phellandrene	580 J
.gamma.-Sitosterol	650 J
1-Eicosanol	1500 J
2-Pentanone, 4-hydroxy-4-methyl-	11000 J
Heptadecane	480 J

Surrogate	%REC	Limits
2-Fluorophenol	60	33-120
Phenol-d5	48	35-120
2,4,6-Tribromophenol	65	25-120
Nitrobenzene-d5	61	38-120
2-Fluorobiphenyl	80	44-120
Terphenyl-d14	50	40-120

J= Estimated value
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8270C
Field ID:	RFS-WTA-DU2-001	Batch#:	133881
Lab ID:	200592-002	Sampled:	01/17/08
Matrix:	Soil	Received:	01/17/08
Units:	ug/Kg	Prepared:	01/18/08
Basis:	dry	Analyzed:	01/25/08
Diln Fac:	2.000		

Moisture: 19%

Analyte	Result	RL
N-Nitrosodimethylamine	ND	820
Phenol	ND	820
bis(2-Chloroethyl)ether	ND	820
2-Chlorophenol	ND	820
1,3-Dichlorobenzene	ND	820
1,4-Dichlorobenzene	ND	820
Benzyl alcohol	ND	820
1,2-Dichlorobenzene	ND	820
2-Methylphenol	ND	820
bis(2-Chloroisopropyl) ether	ND	820
4-Methylphenol	ND	820
N-Nitroso-di-n-propylamine	ND	820
Hexachloroethane	ND	820
Nitrobenzene	ND	820
Isophorone	ND	820
2-Nitrophenol	ND	1,600
2,4-Dimethylphenol	ND	820
Benzoic acid	ND	4,100
bis(2-Chloroethoxy)methane	ND	820
2,4-Dichlorophenol	ND	820
1,2,4-Trichlorobenzene	ND	820
Naphthalene	ND	160
4-Chloroaniline	ND	820
Hexachlorobutadiene	ND	820
4-Chloro-3-methylphenol	ND	820
2-Methylnaphthalene	ND	160
Hexachlorocyclopentadiene	ND	1,600
2,4,6-Trichlorophenol	ND	820
2,4,5-Trichlorophenol	ND	820
2-Chloronaphthalene	ND	820
2-Nitroaniline	ND	1,600
Dimethylphthalate	ND	820
Acenaphthylene	ND	160
2,6-Dinitrotoluene	ND	820
3-Nitroaniline	ND	1,600
Acenaphthene	ND	160
2,4-Dinitrophenol	ND	1,600
4-Nitrophenol	ND	1,600
Dibenzofuran	ND	820
2,4-Dinitrotoluene	ND	820
Diethylphthalate	ND	820
Fluorene	ND	160
4-Chlorophenyl-phenylether	ND	820
4-Nitroaniline	ND	1,600
4,6-Dinitro-2-methylphenol	ND	1,600
N-Nitrosodiphenylamine	ND	820
Azobenzene	ND	820
4-Bromophenyl-phenylether	ND	820
Hexachlorobenzene	ND	820
Pentachlorophenol	ND	1,600

J= Estimated value
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8270C
Field ID:	RFS-WTA-DU2-001	Batch#:	133881
Lab ID:	200592-002	Sampled:	01/17/08
Matrix:	Soil	Received:	01/17/08
Units:	ug/Kg	Prepared:	01/18/08
Basis:	dry	Analyzed:	01/25/08
Diln Fac:	2.000		

Analyte	Result	RL
Phenanthrene	ND	160
Anthracene	ND	160
Di-n-butylphthalate	ND	820
Fluoranthene	ND	160
Pyrene	ND	160
Butylbenzylphthalate	ND	820
3,3'-Dichlorobenzidine	ND	1,600
Benzo(a)anthracene	ND	160
Chrysene	ND	160
bis(2-Ethylhexyl)phthalate	ND	820
Di-n-octylphthalate	ND	820
Benzo(b)fluoranthene	ND	160
Benzo(k)fluoranthene	ND	160
Benzo(a)pyrene	ND	160
Indeno(1,2,3-cd)pyrene	ND	160
Dibenz(a,h)anthracene	ND	160
Benzo(g,h,i)perylene	ND	160

Tentatively Identified Compounds	Result
.alpha.-Phellandrene	4300 J
.gamma.-Sitosterol	1900 J
2-Pentanone, 4-hydroxy-4-methyl-	12000 J
Benzene, 1-methoxy-4-(1-propenyl)-	970 J
CAS# 489-39-4	1900 J
Cyclohexane, 1-ethenyl-1-methyl-2-(1-methylethenyl)-4-(1-methylethylidene)-	800 J
Dotriacontane	1700 J
Eicosane	1700 J
Unknown 1	1200 J
Unknown 2	1500 J

Surrogate	%REC	Limits
2-Fluorophenol	75	33-120
Phenol-d5	70	35-120
2,4,6-Tribromophenol	77	25-120
Nitrobenzene-d5	74	38-120
2-Fluorobiphenyl	90	44-120
Terphenyl-d14	55	40-120

J= Estimated value
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8270C
Field ID:	RFS-WTA-DU3-001	Batch#:	133881
Lab ID:	200592-003	Sampled:	01/17/08
Matrix:	Soil	Received:	01/17/08
Units:	ug/Kg	Prepared:	01/18/08
Basis:	dry	Analyzed:	01/28/08
Diln Fac:	3.000		

Moisture: 18%

Analyte	Result	RL
N-Nitrosodimethylamine	ND	1,200
Phenol	ND	1,200
bis(2-Chloroethyl)ether	ND	1,200
2-Chlorophenol	ND	1,200
1,3-Dichlorobenzene	ND	1,200
1,4-Dichlorobenzene	ND	1,200
Benzyl alcohol	ND	1,200
1,2-Dichlorobenzene	ND	1,200
2-Methylphenol	ND	1,200
bis(2-Chloroisopropyl) ether	ND	1,200
4-Methylphenol	ND	1,200
N-Nitroso-di-n-propylamine	ND	1,200
Hexachloroethane	ND	1,200
Nitrobenzene	ND	1,200
Isophorone	ND	1,200
2-Nitrophenol	ND	2,400
2,4-Dimethylphenol	ND	1,200
Benzoic acid	ND	6,100
bis(2-Chloroethoxy)methane	ND	1,200
2,4-Dichlorophenol	ND	1,200
1,2,4-Trichlorobenzene	ND	1,200
Naphthalene	ND	240
4-Chloroaniline	ND	1,200
Hexachlorobutadiene	ND	1,200
4-Chloro-3-methylphenol	ND	1,200
2-Methylnaphthalene	ND	240
Hexachlorocyclopentadiene	ND	2,400
2,4,6-Trichlorophenol	ND	1,200
2,4,5-Trichlorophenol	ND	1,200
2-Chloronaphthalene	ND	1,200
2-Nitroaniline	ND	2,400
Dimethylphthalate	ND	1,200
Acenaphthylene	ND	240
2,6-Dinitrotoluene	ND	1,200
3-Nitroaniline	ND	2,400
Acenaphthene	ND	240
2,4-Dinitrophenol	ND	2,400
4-Nitrophenol	ND	2,400
Dibenzofuran	ND	1,200
2,4-Dinitrotoluene	ND	1,200
Diethylphthalate	ND	1,200
Fluorene	ND	240
4-Chlorophenyl-phenylether	ND	1,200
4-Nitroaniline	ND	2,400
4,6-Dinitro-2-methylphenol	ND	2,400
N-Nitrosodiphenylamine	ND	1,200
Azobenzene	ND	1,200
4-Bromophenyl-phenylether	ND	1,200
Hexachlorobenzene	ND	1,200

*= Value outside of QC limits; see narrative
J= Estimated value
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8270C
Field ID:	RFS-WTA-DU3-001	Batch#:	133881
Lab ID:	200592-003	Sampled:	01/17/08
Matrix:	Soil	Received:	01/17/08
Units:	ug/Kg	Prepared:	01/18/08
Basis:	dry	Analyzed:	01/28/08
Diln Fac:	3.000		

Analyte	Result	RL
Pentachlorophenol	ND	2,400
Phenanthrene	ND	240
Anthracene	ND	240
Di-n-butylphthalate	ND	1,200
Fluoranthene	ND	240
Pyrene	ND	240
Butylbenzylphthalate	ND	1,200
3,3'-Dichlorobenzidine	ND	2,400
Benzo(a)anthracene	ND	240
Chrysene	ND	240
bis(2-Ethylhexyl)phthalate	ND	1,200
Di-n-octylphthalate	ND	1,200
Benzo(b)fluoranthene	ND	240
Benzo(k)fluoranthene	ND	240
Benzo(a)pyrene	ND	240
Indeno(1,2,3-cd)pyrene	ND	240
Dibenz(a,h)anthracene	ND	240
Benzo(g,h,i)perylene	ND	240

Tentatively Identified Compounds	Result
.gamma.-Sitosterol	2200 J
2-Pentanone, 4-hydroxy-4-methyl-	5100 J
Cholesterol	880 J
Hexadecanoic Acid	980 J
Hexatriacontane	1200 J
Octadecane	1800 J
Stigmasterol	790 J
Toluene	2100 J
Unknown 1	1000 J
Unknown 2	1900 J

Surrogate	%REC	Limits
2-Fluorophenol	65	33-120
Phenol-d5	67	35-120
2,4,6-Tribromophenol	66	25-120
Nitrobenzene-d5	65	38-120
2-Fluorobiphenyl	65	44-120
Terphenyl-d14	35 *	40-120

*= Value outside of QC limits; see narrative
J= Estimated value
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8270C
Field ID:	RFS-WTAA-001	Batch#:	133881
Lab ID:	200592-004	Sampled:	01/17/08
Matrix:	Soil	Received:	01/17/08
Units:	ug/Kg	Prepared:	01/18/08
Basis:	dry	Analyzed:	01/22/08
Diln Fac:	10.00		

Moisture: 16%

Analyte	Result	RL
N-Nitrosodimethylamine	ND	3,900
Phenol	ND	3,900
bis(2-Chloroethyl)ether	ND	3,900
2-Chlorophenol	ND	3,900
1,3-Dichlorobenzene	ND	3,900
1,4-Dichlorobenzene	ND	3,900
Benzyl alcohol	ND	3,900
1,2-Dichlorobenzene	ND	3,900
2-Methylphenol	ND	3,900
bis(2-Chloroisopropyl) ether	ND	3,900
4-Methylphenol	ND	3,900
N-Nitroso-di-n-propylamine	ND	3,900
Hexachloroethane	ND	3,900
Nitrobenzene	ND	3,900
Isophorone	ND	3,900
2-Nitrophenol	ND	7,900
2,4-Dimethylphenol	ND	3,900
Benzoic acid	ND	20,000
bis(2-Chloroethoxy)methane	ND	3,900
2,4-Dichlorophenol	ND	3,900
1,2,4-Trichlorobenzene	ND	3,900
Naphthalene	ND	790
4-Chloroaniline	ND	3,900
Hexachlorobutadiene	ND	3,900
4-Chloro-3-methylphenol	ND	3,900
2-Methylnaphthalene	ND	790
Hexachlorocyclopentadiene	ND	7,900
2,4,6-Trichlorophenol	ND	3,900
2,4,5-Trichlorophenol	ND	3,900
2-Chloronaphthalene	ND	3,900
2-Nitroaniline	ND	7,900
Dimethylphthalate	ND	3,900
Acenaphthylene	ND	790
2,6-Dinitrotoluene	ND	3,900
3-Nitroaniline	ND	7,900
Acenaphthene	ND	790
2,4-Dinitrophenol	ND	7,900
4-Nitrophenol	ND	7,900
Dibenzofuran	ND	3,900
2,4-Dinitrotoluene	ND	3,900
Diethylphthalate	ND	3,900
Fluorene	ND	790
4-Chlorophenyl-phenylether	ND	3,900
4-Nitroaniline	ND	7,900
4,6-Dinitro-2-methylphenol	ND	7,900
N-Nitrosodiphenylamine	ND	3,900
Azobenzene	ND	3,900
4-Bromophenyl-phenylether	ND	3,900
Hexachlorobenzene	ND	3,900

J= Estimated value
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8270C
Field ID:	RFS-WTAA-001	Batch#:	133881
Lab ID:	200592-004	Sampled:	01/17/08
Matrix:	Soil	Received:	01/17/08
Units:	ug/Kg	Prepared:	01/18/08
Basis:	dry	Analyzed:	01/22/08
Diln Fac:	10.00		

Analyte	Result	RL
Pentachlorophenol	ND	7,900
Phenanthrene	ND	790
Anthracene	ND	790
Di-n-butylphthalate	ND	3,900
Fluoranthene	ND	790
Pyrene	ND	790
Butylbenzylphthalate	ND	3,900
3,3'-Dichlorobenzidine	ND	7,900
Benzo(a)anthracene	ND	790
Chrysene	ND	790
bis(2-Ethylhexyl)phthalate	ND	3,900
Di-n-octylphthalate	ND	3,900
Benzo(b)fluoranthene	ND	790
Benzo(k)fluoranthene	ND	790
Benzo(a)pyrene	ND	790
Indeno(1,2,3-cd)pyrene	ND	790
Dibenz(a,h)anthracene	ND	790
Benzo(g,h,i)perylene	ND	790

Tentatively Identified Compounds	Result
1,1'-Biphenyl, 2,2',3,4-tetrachloro-	2700 J
1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	3500 J
1,1'-Biphenyl, 2,4',5-trichloro-	2000 J
1,1'-Biphenyl, 2,4,6-trichloro-	3900 J
2-Pentanone, 4-hydroxy-4-methyl-	3200 J

Surrogate	%REC	Limits
2-Fluorophenol	DO	33-120
Phenol-d5	DO	35-120
2,4,6-Tribromophenol	DO	25-120
Nitrobenzene-d5	DO	38-120
2-Fluorobiphenyl	DO	44-120
Terphenyl-d14	DO	40-120

J= Estimated value
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8270C
Field ID:	RFS-WTAA-002	Batch#:	134048
Lab ID:	200592-006	Sampled:	01/17/08
Matrix:	Soil	Received:	01/17/08
Units:	ug/Kg	Prepared:	01/23/08
Basis:	dry	Analyzed:	01/28/08
Diln Fac:	3.000		

Moisture: 26%

Analyte	Result	RL
N-Nitrosodimethylamine	ND	1,300
Phenol	ND	1,300
bis(2-Chloroethyl)ether	ND	1,300
2-Chlorophenol	ND	1,300
1,3-Dichlorobenzene	ND	1,300
1,4-Dichlorobenzene	ND	1,300
Benzyl alcohol	ND	1,300
1,2-Dichlorobenzene	ND	1,300
2-Methylphenol	ND	1,300
bis(2-Chloroisopropyl) ether	ND	1,300
4-Methylphenol	ND	1,300
N-Nitroso-di-n-propylamine	ND	1,300
Hexachloroethane	ND	1,300
Nitrobenzene	ND	1,300
Isophorone	ND	1,300
2-Nitrophenol	ND	2,700
2,4-Dimethylphenol	ND	1,300
Benzoic acid	ND	6,700
bis(2-Chloroethoxy)methane	ND	1,300
2,4-Dichlorophenol	ND	1,300
1,2,4-Trichlorobenzene	ND	1,300
Naphthalene	ND	270
4-Chloroaniline	ND	1,300
Hexachlorobutadiene	ND	1,300
4-Chloro-3-methylphenol	ND	1,300
2-Methylnaphthalene	ND	270
Hexachlorocyclopentadiene	ND	2,700
2,4,6-Trichlorophenol	ND	1,300
2,4,5-Trichlorophenol	ND	1,300
2-Chloronaphthalene	ND	1,300
2-Nitroaniline	ND	2,700
Dimethylphthalate	ND	1,300
Acenaphthylene	ND	270
2,6-Dinitrotoluene	ND	1,300
3-Nitroaniline	ND	2,700
Acenaphthene	ND	270
2,4-Dinitrophenol	ND	2,700
4-Nitrophenol	ND	2,700
Dibenzofuran	ND	1,300
2,4-Dinitrotoluene	ND	1,300
Diethylphthalate	ND	1,300
Fluorene	ND	270
4-Chlorophenyl-phenylether	ND	1,300
4-Nitroaniline	ND	2,700
4,6-Dinitro-2-methylphenol	ND	2,700
N-Nitrosodiphenylamine	ND	1,300
Azobenzene	ND	1,300
4-Bromophenyl-phenylether	ND	1,300
Hexachlorobenzene	ND	1,300
Pentachlorophenol	ND	2,700

J= Estimated value
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8270C
Field ID:	RFS-WTAA-002	Batch#:	134048
Lab ID:	200592-006	Sampled:	01/17/08
Matrix:	Soil	Received:	01/17/08
Units:	ug/Kg	Prepared:	01/23/08
Basis:	dry	Analyzed:	01/28/08
Diln Fac:	3.000		

Analyte	Result	RL
Phenanthrene	ND	270
Anthracene	ND	270
Di-n-butylphthalate	ND	1,300
Fluoranthene	ND	270
Pyrene	ND	270
Butylbenzylphthalate	ND	1,300
3,3'-Dichlorobenzidine	ND	2,700
Benzo(a)anthracene	ND	270
Chrysene	ND	270
bis(2-Ethylhexyl)phthalate	ND	1,300
Di-n-octylphthalate	ND	1,300
Benzo(b)fluoranthene	ND	270
Benzo(k)fluoranthene	ND	270
Benzo(a)pyrene	ND	270
Indeno(1,2,3-cd)pyrene	ND	270
Dibenz(a,h)anthracene	ND	270
Benzo(g,h,i)perylene	ND	270

Tentatively Identified Compounds	Result
2-Pentanone, 4-hydroxy-4-methyl-	7600 J
Unknown 1	580 J

Surrogate	%REC	Limits
2-Fluorophenol	59	33-120
Phenol-d5	61	35-120
2,4,6-Tribromophenol	60	25-120
Nitrobenzene-d5	59	38-120
2-Fluorobiphenyl	60	44-120
Terphenyl-d14	56	40-120

J= Estimated value
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8270C
Type:	BLANK	Dil'n Fac:	1.000
Lab ID:	QC424489	Batch#:	133881
Matrix:	Soil	Prepared:	01/18/08
Basis:	as received	Analyzed:	01/18/08

Analyte	Result	RL	Units
N-Nitrosodimethylamine	ND	330	ug/Kg
Phenol	ND	330	ug/Kg
bis(2-Chloroethyl)ether	ND	330	ug/Kg
2-Chlorophenol	ND	330	ug/Kg
1,3-Dichlorobenzene	ND	330	ug/Kg
1,4-Dichlorobenzene	ND	330	ug/Kg
Benzyl alcohol	ND	330	ug/Kg
1,2-Dichlorobenzene	ND	330	ug/Kg
2-Methylphenol	ND	330	ug/Kg
bis(2-Chloroisopropyl) ether	ND	330	ug/Kg
4-Methylphenol	ND	330	ug/Kg
N-Nitroso-di-n-propylamine	ND	330	ug/Kg
Hexachloroethane	ND	330	ug/Kg
Nitrobenzene	ND	330	ug/Kg
Isophorone	ND	330	ug/Kg
2-Nitrophenol	ND	670	ug/Kg
2,4-Dimethylphenol	ND	330	ug/Kg
Benzoic acid	ND	1,700	ug/Kg
bis(2-Chloroethoxy)methane	ND	330	ug/Kg
2,4-Dichlorophenol	ND	330	ug/Kg
1,2,4-Trichlorobenzene	ND	330	ug/Kg
Naphthalene	ND	67	ug/Kg
4-Chloroaniline	ND	330	ug/Kg
Hexachlorobutadiene	ND	330	ug/Kg
4-Chloro-3-methylphenol	ND	330	ug/Kg
2-Methylnaphthalene	ND	67	ug/Kg
Hexachlorocyclopentadiene	ND	670	ug/Kg
2,4,6-Trichlorophenol	ND	330	ug/Kg
2,4,5-Trichlorophenol	ND	330	ug/Kg
2-Chloronaphthalene	ND	330	ug/Kg
2-Nitroaniline	ND	670	ug/Kg
Dimethylphthalate	ND	330	ug/Kg
Acenaphthylene	ND	67	ug/Kg
2,6-Dinitrotoluene	ND	330	ug/Kg
3-Nitroaniline	ND	670	ug/Kg
Acenaphthene	ND	67	ug/Kg
2,4-Dinitrophenol	ND	670	ug/Kg
4-Nitrophenol	ND	670	ug/Kg
Dibenzofuran	ND	330	ug/Kg
2,4-Dinitrotoluene	ND	330	ug/Kg
Diethylphthalate	ND	330	ug/Kg
Fluorene	ND	67	ug/Kg
4-Chlorophenyl-phenylether	ND	330	ug/Kg
4-Nitroaniline	ND	670	ug/Kg
4,6-Dinitro-2-methylphenol	ND	670	ug/Kg
N-Nitrosodiphenylamine	ND	330	ug/Kg
Azobenzene	ND	330	ug/Kg
4-Bromophenyl-phenylether	ND	330	ug/Kg
Hexachlorobenzene	ND	330	ug/Kg
Pentachlorophenol	ND	670	ug/Kg
Phenanthrene	ND	67	ug/Kg
Anthracene	ND	67	ug/Kg
Di-n-butylphthalate	ND	330	ug/Kg

J= Estimated value
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC424489	Batch#:	133881
Matrix:	Soil	Prepared:	01/18/08
Basis:	as received	Analyzed:	01/18/08

Analyte	Result	RL	Units
Fluoranthene	ND	67	ug/Kg
Pyrene	ND	67	ug/Kg
Butylbenzylphthalate	ND	330	ug/Kg
3,3'-Dichlorobenzidine	ND	670	ug/Kg
Benzo(a)anthracene	ND	67	ug/Kg
Chrysene	ND	67	ug/Kg
bis(2-Ethylhexyl)phthalate	ND	330	ug/Kg
Di-n-octylphthalate	ND	330	ug/Kg
Benzo(b)fluoranthene	ND	67	ug/Kg
Benzo(k)fluoranthene	ND	67	ug/Kg
Benzo(a)pyrene	ND	67	ug/Kg
Indeno(1,2,3-cd)pyrene	ND	67	ug/Kg
Dibenz(a,h)anthracene	ND	67	ug/Kg
Benzo(g,h,i)perylene	ND	67	ug/Kg

Tentatively Identified Compounds	Result	Units
2-Pentanone, 4-hydroxy-4-methyl-	6.0 J	mg/Kg
Toluene	0.19 J	mg/Kg

Surrogate	%REC	Limits
2-Fluorophenol	106	33-120
Phenol-d5	115	35-120
2,4,6-Tribromophenol	51	25-120
Nitrobenzene-d5	84	38-120
2-Fluorobiphenyl	94	44-120
Terphenyl-d14	53	40-120

J= Estimated value
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8270C
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC424490	Batch#:	133881
Matrix:	Soil	Prepared:	01/18/08
Units:	ug/Kg	Analyzed:	01/18/08
Basis:	as received		

Analyte	Spiked	Result	%REC	Limits
Phenol	2,657	1,721	65	38-120
2-Chlorophenol	2,657	1,902	72	41-120
1,4-Dichlorobenzene	1,328	1,115	84	47-120
N-Nitroso-di-n-propylamine	1,328	893.4	67	29-120
1,2,4-Trichlorobenzene	1,328	1,173	88	46-120
4-Chloro-3-methylphenol	2,657	1,927	73	44-120
Acenaphthene	1,328	1,006	76	43-120
4-Nitrophenol	2,657	2,028	76	31-120
2,4-Dinitrotoluene	1,328	1,183	89	44-120
Pentachlorophenol	2,657	2,176	82	21-120
Pyrene	1,328	985.3	74	42-120

Surrogate	%REC	Limits
2-Fluorophenol	71	33-120
Phenol-d5	73	35-120
2,4,6-Tribromophenol	58	25-120
Nitrobenzene-d5	77	38-120
2-Fluorobiphenyl	79	44-120
Terphenyl-d14	52	40-120

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC425247	Batch#:	134048
Matrix:	Soil	Prepared:	01/23/08
Units:	ug/Kg	Analyzed:	01/25/08
Basis:	as received		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl)ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	660
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,700
bis(2-Chloroethoxy)methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	66
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	66
Hexachlorocyclopentadiene	ND	660
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	660
Dimethylphthalate	ND	330
Acenaphthylene	ND	66
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	660
Acenaphthene	ND	66
2,4-Dinitrophenol	ND	660
4-Nitrophenol	ND	660
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	66
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	660
4,6-Dinitro-2-methylphenol	ND	660
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	660
Phenanthrene	ND	66
Anthracene	ND	66

J= Estimated value
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC425247	Batch#:	134048
Matrix:	Soil	Prepared:	01/23/08
Units:	ug/Kg	Analyzed:	01/25/08
Basis:	as received		

Analyte	Result	RL
Di-n-butylphthalate	ND	330
Fluoranthene	ND	66
Pyrene	ND	66
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	660
Benzo(a)anthracene	ND	66
Chrysene	ND	66
bis(2-Ethylhexyl)phthalate	ND	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	ND	66
Benzo(k)fluoranthene	ND	66
Benzo(a)pyrene	ND	66
Indeno(1,2,3-cd)pyrene	ND	66
Dibenz(a,h)anthracene	ND	66
Benzo(g,h,i)perylene	ND	66

Tentatively Identified Compounds	Result
2-Pentanone, 4-hydroxy-4-methyl-	3800 J

Surrogate	%REC	Limits
2-Fluorophenol	73	33-120
Phenol-d5	71	35-120
2,4,6-Tribromophenol	53	25-120
Nitrobenzene-d5	66	38-120
2-Fluorobiphenyl	84	44-120
Terphenyl-d14	74	40-120

J= Estimated value
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8270C
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC425248	Batch#:	134048
Matrix:	Soil	Prepared:	01/23/08
Units:	ug/Kg	Analyzed:	01/25/08
Basis:	as received		

Analyte	Spiked	Result	%REC	Limits
Phenol	2,670	1,131	42	38-120
2-Chlorophenol	2,670	1,422	53	41-120
1,4-Dichlorobenzene	1,335	960.0	72	47-120
N-Nitroso-di-n-propylamine	1,335	588.3	44	29-120
1,2,4-Trichlorobenzene	1,335	962.6	72	46-120
4-Chloro-3-methylphenol	2,670	2,138	80	44-120
Acenaphthene	1,335	893.0	67	43-120
4-Nitrophenol	2,670	1,768	66	31-120
2,4-Dinitrotoluene	1,335	1,043	78	44-120
Pentachlorophenol	2,670	1,845	69	21-120
Pyrene	1,335	971.7	73	42-120

Surrogate	%REC	Limits
2-Fluorophenol	56	33-120
Phenol-d5	46	35-120
2,4,6-Tribromophenol	80	25-120
Nitrobenzene-d5	62	38-120
2-Fluorobiphenyl	72	44-120
Terphenyl-d14	77	40-120

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8270C
Field ID:	ZZZZZZZZZZ	Batch#:	134048
MSS Lab ID:	200701-001	Sampled:	01/22/08
Matrix:	Soil	Received:	01/23/08
Units:	ug/Kg	Prepared:	01/23/08
Basis:	as received	Analyzed:	01/25/08
Diln Fac:	1.000		

Type: MS Lab ID: QC425249

Analyte	MSS Result	Spiked	Result	%REC	Limits
Phenol	<136.9	2,668	1,850	69	41-120
2-Chlorophenol	<142.5	2,668	2,048	77	42-120
1,4-Dichlorobenzene	<34.03	1,334	1,075	81	50-120
N-Nitroso-di-n-propylamine	<28.14	1,334	860.9	65	38-120
1,2,4-Trichlorobenzene	<30.40	1,334	1,113	83	50-120
4-Chloro-3-methylphenol	<141.0	2,668	2,076	78	48-120
Acenaphthene	<30.00	1,334	1,114	84	50-120
4-Nitrophenol	<169.1	2,668	2,220	83	36-120
2,4-Dinitrotoluene	<30.66	1,334	1,027	77	46-120
Pentachlorophenol	<134.1	2,668	1,960	73	19-120
Pyrene	31.18	1,334	1,185	87	44-120

Surrogate	%REC	Limits
2-Fluorophenol	75	33-120
Phenol-d5	72	35-120
2,4,6-Tribromophenol	81	25-120
Nitrobenzene-d5	79	38-120
2-Fluorobiphenyl	82	44-120
Terphenyl-d14	90	40-120

Type: MSD Lab ID: QC425250

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Phenol	2,672	1,689	63	41-120	9	28
2-Chlorophenol	2,672	1,735	65	42-120	17	28
1,4-Dichlorobenzene	1,336	961.2	72	50-120	11	28
N-Nitroso-di-n-propylamine	1,336	867.2	65	38-120	1	30
1,2,4-Trichlorobenzene	1,336	999.0	75	50-120	11	28
4-Chloro-3-methylphenol	2,672	2,025	76	48-120	3	28
Acenaphthene	1,336	1,043	78	50-120	7	27
4-Nitrophenol	2,672	2,044	77	36-120	8	36
2,4-Dinitrotoluene	1,336	962.0	72	46-120	7	29
Pentachlorophenol	2,672	1,930	72	19-120	2	56
Pyrene	1,336	1,101	80	44-120	8	31

Surrogate	%REC	Limits
2-Fluorophenol	62	33-120
Phenol-d5	62	35-120
2,4,6-Tribromophenol	70	25-120
Nitrobenzene-d5	69	38-120
2-Fluorobiphenyl	75	44-120
Terphenyl-d14	81	40-120

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Organochlorine Pesticides

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8081A
Field ID:	RFS-WTA-DU1-001	Batch#:	133882
Lab ID:	200592-001	Sampled:	01/17/08
Matrix:	Soil	Received:	01/17/08
Units:	ug/Kg	Prepared:	01/18/08
Basis:	dry	Analyzed:	01/31/08
Diln Fac:	3.000		

Moisture: 21%

Cleanup Method: EPA 3620B

Analyte	Result	RL
alpha-BHC	ND	6.4
beta-BHC	ND	6.4
gamma-BHC	ND	6.4
delta-BHC	ND	6.4
Heptachlor	ND	6.4
Aldrin	ND	6.4
Heptachlor epoxide	ND	6.4
Endosulfan I	ND	6.4
Dieldrin	ND	12
4,4'-DDE	ND	12
Endrin	ND	12
Endosulfan II	ND	12
Endosulfan sulfate	ND	12
4,4'-DDD	ND	12
Endrin aldehyde	ND	12
4,4'-DDT	11 C J	12
alpha-Chlordane	ND	6.4
gamma-Chlordane	ND	6.4
Methoxychlor	ND	64
Toxaphene	ND	230

Surrogate	%REC	Limits
TCMX	105	54-120
Decachlorobiphenyl	106	49-142

C= Presence confirmed, but RPD between columns exceeds 40%
J= Estimated value
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Organochlorine Pesticides

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8081A
Field ID:	RFS-WTA-DU2-001	Batch#:	133882
Lab ID:	200592-002	Sampled:	01/17/08
Matrix:	Soil	Received:	01/17/08
Units:	ug/Kg	Prepared:	01/18/08
Basis:	dry	Analyzed:	01/31/08
Diln Fac:	10.00		

Moisture: 19%

Cleanup Method: EPA 3620B

Analyte	Result	RL
alpha-BHC	ND	21
beta-BHC	ND	21
gamma-BHC	ND	21
delta-BHC	ND	21
Heptachlor	ND	21
Aldrin	ND	21
Heptachlor epoxide	ND	21
Endosulfan I	ND	21
Dieldrin	ND	40
4,4'-DDE	ND	40
Endrin	ND	40
Endosulfan II	ND	40
Endosulfan sulfate	ND	40
4,4'-DDD	ND	40
Endrin aldehyde	ND	40
4,4'-DDT	ND	40
alpha-Chlordane	ND	21
gamma-Chlordane	ND	21
Methoxychlor	ND	210
Toxaphene	ND	730

Surrogate	%REC	Limits
TCMX	DO	54-120
Decachlorobiphenyl	DO	49-142

DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Organochlorine Pesticides

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8081A
Field ID:	RFS-WTA-DU3-001	Batch#:	133882
Lab ID:	200592-003	Sampled:	01/17/08
Matrix:	Soil	Received:	01/17/08
Units:	ug/Kg	Prepared:	01/18/08
Basis:	dry	Analyzed:	01/31/08
Diln Fac:	3.000		

Moisture: 18%

Cleanup Method: EPA 3620B

Analyte	Result	RL
alpha-BHC	ND	6.1
beta-BHC	ND	6.1
gamma-BHC	ND	6.1
delta-BHC	ND	6.1
Heptachlor	ND	6.1
Aldrin	ND	6.1
Heptachlor epoxide	ND	6.1
Endosulfan I	ND	6.1
Dieldrin	ND	12
4,4'-DDE	ND	12
Endrin	ND	12
Endosulfan II	ND	12
Endosulfan sulfate	ND	12
4,4'-DDD	ND	12
Endrin aldehyde	ND	12
4,4'-DDT	12	12
alpha-Chlordane	ND	6.1
gamma-Chlordane	ND	6.1
Methoxychlor	ND	61
Toxaphene	ND	220

Surrogate	%REC	Limits
TCMX	110	54-120
Decachlorobiphenyl	105	49-142

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Organochlorine Pesticides

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8081A
Field ID:	RFS-WTAA-001	Batch#:	133882
Lab ID:	200592-004	Sampled:	01/17/08
Matrix:	Soil	Received:	01/17/08
Units:	ug/Kg	Prepared:	01/18/08
Basis:	dry	Analyzed:	01/31/08
Diln Fac:	20.00		

Moisture: 16%

Cleanup Method: EPA 3620B

Analyte	Result	RL
alpha-BHC	ND	40
beta-BHC	ND	40
gamma-BHC	210	40
delta-BHC	ND	40
Heptachlor	ND	40
Aldrin	ND	40
Heptachlor epoxide	ND	40
Endosulfan I	ND	40
Dieldrin	ND	78
4,4'-DDE	ND	78
Endrin	ND	78
Endosulfan II	ND	78
Endosulfan sulfate	ND	78
4,4'-DDD	ND	78
Endrin aldehyde	ND	78
4,4'-DDT	ND	78
alpha-Chlordane	ND	40
gamma-Chlordane	ND	40
Methoxychlor	ND	400
Toxaphene	ND	1,400

Surrogate	%REC	Limits
TCMX	DO	54-120
Decachlorobiphenyl	DO	49-142

DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Organochlorine Pesticides

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8081A
Field ID:	RFS-WTAA-002	Batch#:	133918
Lab ID:	200592-006	Sampled:	01/17/08
Matrix:	Soil	Received:	01/17/08
Units:	ug/Kg	Prepared:	01/19/08
Basis:	dry	Analyzed:	02/01/08
Diln Fac:	5.000		

Moisture: 26%

Cleanup Method: EPA 3620B

Analyte	Result	RL
alpha-BHC	ND	11
beta-BHC	ND	11
gamma-BHC	ND	11
delta-BHC	ND	11
Heptachlor	ND	11
Aldrin	ND	11
Heptachlor epoxide	ND	11
Endosulfan I	ND	11
Dieldrin	ND	22
4,4'-DDE	14 J	22
Endrin	ND	22
Endosulfan II	ND	22
Endosulfan sulfate	ND	22
4,4'-DDD	ND	22
Endrin aldehyde	ND	22
4,4'-DDT	13 C J	22
alpha-Chlordane	13 C	11
gamma-Chlordane	9.5 C J	11
Methoxychlor	ND	110
Toxaphene	ND	410

Surrogate	%REC	Limits
TCMX	93	54-120
Decachlorobiphenyl	95	49-142

C= Presence confirmed, but RPD between columns exceeds 40%
J= Estimated value
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Organochlorine Pesticides

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8081A
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC424493	Batch#:	133882
Matrix:	Soil	Prepared:	01/18/08
Units:	ug/Kg	Analyzed:	01/18/08
Basis:	as received		

Cleanup Method: EPA 3620B

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	60

Surrogate	%REC	Limits
TCMX	67	54-120
Decachlorobiphenyl	84	49-142

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Organochlorine Pesticides

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8081A
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC424497	Batch#:	133882
Matrix:	Soil	Prepared:	01/18/08
Units:	ug/Kg	Analyzed:	01/18/08
Basis:	as received		

Cleanup Method: EPA 3620B

Analyte	Spiked	Result	%REC	Limits
gamma-BHC	13.28	11.35	85	44-120
Heptachlor	13.28	11.63	88	44-120
Aldrin	13.28	11.35	85	47-120
Dieldrin	26.56	23.71	89	50-120
Endrin	26.56	24.04	91	27-128
4,4'-DDT	26.56	25.57	96	42-128

Surrogate	%REC	Limits
TCMX	94	54-120
Decachlorobiphenyl	107	49-142

Curtis & Tompkins, Ltd.

Batch QC Report

Organochlorine Pesticides

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8081A
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC424683	Batch#:	133918
Matrix:	Soil	Prepared:	01/19/08
Units:	ug/Kg	Analyzed:	01/21/08
Basis:	as received		

Cleanup Method: EPA 3620B

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND #	17
Toxaphene	ND	59

Surrogate	%REC	Limits
TCMX	54	54-120
Decachlorobiphenyl	71	49-142

#= CCV drift outside limits; average CCV drift within limits per method requirements
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Organochlorine Pesticides

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8081A
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC424684	Batch#:	133918
Matrix:	Soil	Prepared:	01/19/08
Units:	ug/Kg	Analyzed:	01/21/08
Basis:	as received		

Cleanup Method: EPA 3620B

Analyte	Spiked	Result	%REC	Limits
gamma-BHC	13.25	10.10	76	44-120
Heptachlor	13.25	10.00	76	44-120
Aldrin	13.25	10.37	78	47-120
Dieldrin	26.49	19.40	73	50-120
Endrin	26.49	17.05	64	27-128
4,4'-DDT	26.49	19.15	72	42-128

Surrogate	%REC	Limits
TCMX	87	54-120
Decachlorobiphenyl	84	49-142

Curtis & Tompkins, Ltd.

Polychlorinated Biphenyls (PCBs)

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8082
Field ID:	RFS-WTA-DU1-001	Batch#:	133882
Lab ID:	200592-001	Sampled:	01/17/08
Matrix:	Soil	Received:	01/17/08
Units:	ug/Kg	Prepared:	01/18/08
Basis:	dry	Analyzed:	01/21/08
Diln Fac:	1.000		

Moisture: 21%

Cleanup Method: EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	15
Aroclor-1221	ND	30
Aroclor-1232	ND	15
Aroclor-1242	ND	15
Aroclor-1248	240	15
Aroclor-1254	170	15
Aroclor-1260	24	15

Surrogate	%REC	Limits
TCMX	117	66-140
Decachlorobiphenyl	106	51-152

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Polychlorinated Biphenyls (PCBs)

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8082
Field ID:	RFS-WTA-DU2-001	Batch#:	133882
Lab ID:	200592-002	Sampled:	01/17/08
Matrix:	Soil	Received:	01/17/08
Units:	ug/Kg	Prepared:	01/18/08
Basis:	dry	Analyzed:	01/21/08
Diln Fac:	1.000		

Moisture: 19%

Cleanup Method: EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	15
Aroclor-1221	ND	30
Aroclor-1232	ND	15
Aroclor-1242	ND	15
Aroclor-1248	400	15
Aroclor-1254	210	15
Aroclor-1260	27	15

Surrogate	%REC	Limits
TCMX	121	66-140
Decachlorobiphenyl	98	51-152

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Polychlorinated Biphenyls (PCBs)

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8082
Field ID:	RFS-WTA-DU3-001	Batch#:	133882
Lab ID:	200592-003	Sampled:	01/17/08
Matrix:	Soil	Received:	01/17/08
Units:	ug/Kg	Prepared:	01/18/08
Basis:	dry	Analyzed:	01/21/08
Diln Fac:	2.000		

Moisture: 18%

Cleanup Method: EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	16
Aroclor-1221	ND	32
Aroclor-1232	ND	16
Aroclor-1242	ND	16
Aroclor-1248	720	16
Aroclor-1254	930	16
Aroclor-1260	120	16

Surrogate	%REC	Limits
TCMX	117	66-140
Decachlorobiphenyl	136	51-152

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Polychlorinated Biphenyls (PCBs)

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8082
Field ID:	RFS-WTAA-001	Batch#:	133882
Lab ID:	200592-004	Sampled:	01/17/08
Matrix:	Soil	Received:	01/17/08
Units:	ug/Kg	Prepared:	01/18/08
Basis:	dry	Analyzed:	01/23/08
Diln Fac:	250.0		

Moisture: 16%

Cleanup Method: EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	2,000
Aroclor-1221	ND	4,000
Aroclor-1232	ND	2,000
Aroclor-1242	ND	2,000
Aroclor-1248	60,000	2,000
Aroclor-1254	18,000	2,000
Aroclor-1260	2,400	2,000

Surrogate	%REC	Limits
TCMX	DO	66-140
Decachlorobiphenyl	DO	51-152

DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Polychlorinated Biphenyls (PCBs)

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8082
Field ID:	RFS-WTAA-002	Batch#:	133929
Lab ID:	200592-006	Sampled:	01/17/08
Matrix:	Soil	Received:	01/17/08
Units:	ug/Kg	Prepared:	01/20/08
Basis:	dry	Analyzed:	01/23/08
Diln Fac:	1.000		

Moisture: 26%

Cleanup Method: EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	16
Aroclor-1221	ND	32
Aroclor-1232	ND	16
Aroclor-1242	ND	16
Aroclor-1248	200	16
Aroclor-1254	180	16
Aroclor-1260	81	16

Surrogate	%REC	Limits
TCMX	106	66-140
Decachlorobiphenyl	107	51-152

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Polychlorinated Biphenyls (PCBs)

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8082
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC424493	Batch#:	133882
Matrix:	Soil	Prepared:	01/18/08
Units:	ug/Kg	Analyzed:	01/18/08
Basis:	as received		

Cleanup Method: EPA 3620B

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	116	66-140
Decachlorobiphenyl	110	51-152

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Polychlorinated Biphenyls (PCBs)

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8082
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC424494	Batch#:	133882
Matrix:	Soil	Prepared:	01/18/08
Units:	ug/Kg	Analyzed:	01/18/08
Basis:	as received		

Cleanup Method: EPA 3620B

Analyte	Spiked	Result	%REC	Limits
Aroclor-1221	332.4	311.1	94	67-122

Surrogate	%REC	Limits
TCMX	97	66-140
Decachlorobiphenyl	73	51-152

Curtis & Tompkins, Ltd.

Batch QC Report

Polychlorinated Biphenyls (PCBs)

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8082
Field ID:	ZZZZZZZZZZ	Batch#:	133882
MSS Lab ID:	200585-003	Sampled:	01/16/08
Matrix:	Soil	Received:	01/17/08
Units:	ug/Kg	Prepared:	01/18/08
Basis:	as received	Analyzed:	01/18/08
Diln Fac:	1.000		

Type: MS Cleanup Method: EPA 3620B
Lab ID: QC424495

Analyte	MSS Result	Spiked	Result	%REC	Limits
Aroclor-1221	<5.446	333.0	382.8	115	67-127

Surrogate	%REC	Limits
TCMX	118	66-140
Decachlorobiphenyl	100	51-152

Type: MSD Cleanup Method: EPA 3620B
Lab ID: QC424496

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Aroclor-1221	331.8	402.9	121	67-127	5	29

Surrogate	%REC	Limits
TCMX	127	66-140
Decachlorobiphenyl	122	51-152

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Polychlorinated Biphenyls (PCBs)

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8082
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC424734	Batch#:	133929
Matrix:	Soil	Prepared:	01/20/08
Units:	ug/Kg	Analyzed:	01/21/08
Basis:	as received		

Cleanup Method: EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	110	66-140
Decachlorobiphenyl	117	51-152

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Polychlorinated Biphenyls (PCBs)

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8082
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC424735	Batch#:	133929
Matrix:	Soil	Prepared:	01/20/08
Units:	ug/Kg	Analyzed:	01/21/08
Basis:	as received		

Cleanup Method: EPA 3665A

Analyte	Spiked	Result	%REC	Limits
Aroclor-1221	329.4	317.0	96	67-122

Surrogate	%REC	Limits
TCMX	118	66-140
Decachlorobiphenyl	120	51-152

Curtis & Tompkins, Ltd.

Batch QC Report

Polychlorinated Biphenyls (PCBs)

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3550B
Project#:	103DS1518014.01	Analysis:	EPA 8082
Field ID:	ZZZZZZZZZZ	Batch#:	133929
MSS Lab ID:	200610-003	Sampled:	01/18/08
Matrix:	Soil	Received:	01/18/08
Units:	ug/Kg	Prepared:	01/20/08
Basis:	dry	Analyzed:	01/21/08
Diln Fac:	1.000		

Type: MS
Lab ID: QC424736
Moisture: 15%
Cleanup Method: EPA 3665A

Analyte	MSS Result	Spiked	Result	%REC	Limits
Aroclor-1221	<7.600	390.6	377.5	97	67-127

Surrogate	%REC	Limits
TCMX	123	66-140
Decachlorobiphenyl	128	51-152

Type: MSD
Lab ID: QC424737
Moisture: 15%
Cleanup Method: EPA 3665A

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Aroclor-1221	388.8	383.8	99	67-127	2	29

Surrogate	%REC	Limits
TCMX	124	66-140
Decachlorobiphenyl	130	51-152

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Target Analyte List Metals

Lab #:	200592	Project#:	103DS1518014.01
Client:	Tetra Tech EMI	Location:	Multi-Inc. Samp
Field ID:	RFS-WTA-DU1-001	Basis:	dry
Lab ID:	200592-001	Sampled:	01/17/08
Matrix:	Soil	Received:	01/17/08
Units:	mg/Kg		

Moisture: 21%

Analyte	Result	RL	Diln Fac	Batch#	Prepared	Analyzed	Prep	Analysis
Aluminum	13,000	120	20.00	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Antimony	0.95	0.63	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Arsenic	5.2	0.34	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Barium	96	0.32	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Beryllium	0.33	0.13	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Cadmium	0.28 J	0.32	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Calcium	4,000	32	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Chromium	41	0.32	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Cobalt	7.7	0.32	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Copper	43	0.34	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Iron	21,000	120	20.00	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Lead	15	0.32	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Magnesium	5,100	32	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Manganese	320	0.32	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Mercury	2.7	0.13	5.000	133902	01/18/08	01/18/08	METHOD	EPA 7471A
Molybdenum	ND	0.32	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Nickel	44	0.32	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Potassium	1,000	32	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Selenium	ND	0.63	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Silver	ND	0.32	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Sodium	270	32	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Thallium	ND	0.63	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Vanadium	32	0.32	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Zinc	70	1.3	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B

J= Estimated value
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Target Analyte List Metals

Lab #:	200592	Project#:	103DS1518014.01
Client:	Tetra Tech EMI	Location:	Multi-Inc. Samp
Field ID:	RFS-WTA-DU2-001	Basis:	dry
Lab ID:	200592-002	Sampled:	01/17/08
Matrix:	Soil	Received:	01/17/08
Units:	mg/Kg		

Moisture: 19%

Analyte	Result	RL	Diln Fac	Batch#	Prepared	Analyzed	Prep	Analysis
Aluminum	13,000	120	20.00	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Antimony	0.43 J	0.62	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Arsenic	4.4	0.33	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Barium	120	0.31	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Beryllium	0.34	0.12	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Cadmium	0.33	0.31	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Calcium	11,000	230	20.00	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Chromium	43	0.31	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Cobalt	8.1	0.31	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Copper	42	0.33	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Iron	23,000	120	20.00	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Lead	22	0.31	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Magnesium	5,400	31	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Manganese	350	0.31	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Mercury	0.71	0.025	1.000	133902	01/18/08	01/18/08	METHOD	EPA 7471A
Molybdenum	ND	0.31	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Nickel	44	0.31	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Potassium	1,200	31	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Selenium	ND	0.62	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Silver	1.3	0.31	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Sodium	150	31	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Thallium	ND	0.62	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Vanadium	31	0.31	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Zinc	81	1.2	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B

J= Estimated value
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Target Analyte List Metals

Lab #:	200592	Project#:	103DS1518014.01
Client:	Tetra Tech EMI	Location:	Multi-Inc. Samp
Field ID:	RFS-WTA-DU3-001	Basis:	dry
Lab ID:	200592-003	Sampled:	01/17/08
Matrix:	Soil	Received:	01/17/08
Units:	mg/Kg		

Moisture: 18%

Analyte	Result	RL	Diln Fac	Batch#	Prepared	Analyzed	Prep	Analysis
Aluminum	16,000	110	20.00	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Antimony	0.47 J	0.61	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Arsenic	6.9	0.31	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Barium	110	0.30	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Beryllium	0.36	0.12	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Cadmium	0.48	0.30	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Calcium	5,200	30	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Chromium	49	0.30	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Cobalt	8.9	0.30	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Copper	57	0.31	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Iron	28,000	110	20.00	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Lead	16	0.30	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Magnesium	9,400	220	20.00	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Manganese	370	0.30	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Mercury	4.1	0.22	10.00	133902	01/18/08	01/18/08	METHOD	EPA 7471A
Molybdenum	ND	0.30	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Nickel	56	0.30	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Potassium	1,300	30	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Selenium	ND	0.61	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Silver	0.18 J	0.30	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Sodium	240	30	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Thallium	ND	0.61	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Vanadium	35	0.30	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Zinc	89	1.2	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B

J= Estimated value
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Target Analyte List Metals

Lab #:	200592	Project#:	103DS1518014.01
Client:	Tetra Tech EMI	Location:	Multi-Inc. Samp
Field ID:	RFS-WTAA-001	Basis:	dry
Lab ID:	200592-004	Sampled:	01/17/08
Matrix:	Soil	Received:	01/17/08
Units:	mg/Kg		

Moisture: 16%

Analyte	Result	RL	Diln Fac	Batch#	Prepared	Analyzed	Prep	Analysis
Aluminum	20,000	120	20.00	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Antimony	3.3	0.60	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Arsenic	19	0.34	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Barium	400	0.30	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Beryllium	0.36	0.12	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Cadmium	2.9	0.30	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Calcium	2,100	30	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Chromium	51	0.30	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Cobalt	11	0.30	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Copper	1,200	6.8	20.00	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Iron	52,000	120	20.00	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Lead	220	0.30	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Magnesium	3,400	30	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Manganese	480	0.30	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Mercury	9.0	0.46	20.00	133902	01/18/08	01/18/08	METHOD	EPA 7471A
Molybdenum	3.6	0.30	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Nickel	61	0.30	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Potassium	1,100	30	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Selenium	ND	0.60	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Silver	42	0.30	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Sodium	420	30	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Thallium	ND	0.60	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Vanadium	33	0.30	1.000	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B
Zinc	940	24	20.00	133963	01/21/08	01/22/08	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Target Analyte List Metals

Lab #:	200592	Project#:	103DS1518014.01
Client:	Tetra Tech EMI	Location:	Multi-Inc. Samp
Field ID:	RFS-WTAA-002	Basis:	dry
Lab ID:	200592-006	Sampled:	01/17/08
Matrix:	Soil	Received:	01/17/08
Units:	mg/Kg	Prepared:	01/21/08

Moisture: 26%

Analyte	Result	RL	Diln Fac	Batch#	Analyzed	Prep	Analysis
Aluminum	32,000	310	50.00	133963	01/22/08	EPA 3050B	EPA 6010B
Antimony	33	0.68	1.000	133963	01/22/08	EPA 3050B	EPA 6010B
Arsenic	17	0.36	1.000	133963	01/22/08	EPA 3050B	EPA 6010B
Barium	1,600	15	50.00	133963	01/22/08	EPA 3050B	EPA 6010B
Beryllium	0.37	0.14	1.000	133963	01/22/08	EPA 3050B	EPA 6010B
Cadmium	9.3	0.34	1.000	133963	01/22/08	EPA 3050B	EPA 6010B
Calcium	14,000	620	50.00	133963	01/22/08	EPA 3050B	EPA 6010B
Chromium	200	0.34	1.000	133963	01/22/08	EPA 3050B	EPA 6010B
Cobalt	15	0.34	1.000	133963	01/22/08	EPA 3050B	EPA 6010B
Copper	21,000	18	50.00	133963	01/22/08	EPA 3050B	EPA 6010B
Iron	70,000	310	50.00	133963	01/22/08	EPA 3050B	EPA 6010B
Lead	1,400	12	50.00	133963	01/22/08	EPA 3050B	EPA 6010B
Magnesium	4,200	34	1.000	133963	01/22/08	EPA 3050B	EPA 6010B
Manganese	1,300	15	50.00	133963	01/22/08	EPA 3050B	EPA 6010B
Mercury	23	0.51	20.00	133950	01/21/08	METHOD	EPA 7471A
Molybdenum	12	0.34	1.000	133963	01/22/08	EPA 3050B	EPA 6010B
Nickel	100	0.34	1.000	133963	01/22/08	EPA 3050B	EPA 6010B
Potassium	1,500	34	1.000	133963	01/22/08	EPA 3050B	EPA 6010B
Selenium	ND	0.68	1.000	133963	01/22/08	EPA 3050B	EPA 6010B
Silver	190	15	50.00	133963	01/22/08	EPA 3050B	EPA 6010B
Sodium	1,200	34	1.000	133963	01/22/08	EPA 3050B	EPA 6010B
Thallium	ND	0.68	1.000	133963	01/22/08	EPA 3050B	EPA 6010B
Vanadium	40	0.34	1.000	133963	01/22/08	EPA 3050B	EPA 6010B
Zinc	3,600	62	50.00	133963	01/22/08	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Target Analyte List Metals

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	METHOD
Project#:	103DS1518014.01	Analysis:	EPA 7471A
Analyte:	Mercury	Basis:	as received
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC424593	Batch#:	133902
Matrix:	Soil	Prepared:	01/18/08
Units:	mg/Kg	Analyzed:	01/18/08

Result	RL
ND	0.020

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Target Analyte List Metals

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	METHOD
Project#:	103DS1518014.01	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Matrix:	Soil	Batch#:	133902
Units:	mg/Kg	Prepared:	01/18/08
Basis:	as received	Analyzed:	01/18/08

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC424594	0.5000	0.5270	105	80-120		
BSD	QC424595	0.5000	0.5310	106	80-120	1	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Target Analyte List Metals

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	METHOD
Project#:	103DS1518014.01	Analysis:	EPA 7471A
Analyte:	Mercury	Basis:	as received
Field ID:	ZZZZZZZZZZ	Diln Fac:	10.00
Type:	Serial Dilution	Batch#:	133902
MSS Lab ID:	200585-003	Sampled:	01/16/08
Lab ID:	QC424596	Received:	01/17/08
Matrix:	Soil	Analyzed:	01/18/08
Units:	mg/Kg		

MSS Result	MSS RL	Result	RL	% Diff	Lim
0.7411	0.03571	0.6268	0.1786	15 *	10

*= Value outside of QC limits; see narrative
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Target Analyte List Metals

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	METHOD
Project#:	103DS1518014.01	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	2.000
Field ID:	ZZZZZZZZZZ	Batch#:	133902
MSS Lab ID:	200585-003	Sampled:	01/16/08
Matrix:	Soil	Received:	01/17/08
Units:	mg/Kg	Prepared:	01/18/08
Basis:	as received	Analyzed:	01/18/08

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC424597	0.7598	0.4464	0.9786	49 *	70-143		
MSD	QC424598		0.4902	1.151	80	70-143	13	22

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Target Analyte List Metals

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	METHOD
Project#:	103DS1518014.01	Analysis:	EPA 7471A
Analyte:	Mercury	Basis:	as received
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC424826	Batch#:	133950
Matrix:	Soil	Prepared:	01/21/08
Units:	mg/Kg	Analyzed:	01/21/08

Result	RL
ND	0.020

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Target Analyte List Metals

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	METHOD
Project#:	103DS1518014.01	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Matrix:	Soil	Batch#:	133950
Units:	mg/Kg	Prepared:	01/21/08
Basis:	as received	Analyzed:	01/21/08

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC424827	0.5000	0.4880	98	80-120		
BSD	QC424828	0.5000	0.4660	93	80-120	5	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Target Analyte List Metals

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	METHOD
Project#:	103DS1518014.01	Analysis:	EPA 7471A
Analyte:	Mercury	Basis:	as received
Field ID:	ZZZZZZZZZZ	Diln Fac:	5.000
Type:	Serial Dilution	Batch#:	133950
MSS Lab ID:	200607-001	Sampled:	01/18/08
Lab ID:	QC424829	Received:	01/18/08
Matrix:	Soil	Analyzed:	01/21/08
Units:	mg/Kg		

MSS Result	MSS RL	Result	RL	% Diff	Lim
0.01104	0.02000	0.04481 J	0.09434	NC	10

J= Estimated value
NC= Not Calculated
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Target Analyte List Metals

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	METHOD
Project#:	103DS1518014.01	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Field ID:	ZZZZZZZZZZ	Batch#:	133950
MSS Lab ID:	200607-001	Sampled:	01/18/08
Matrix:	Soil	Received:	01/18/08
Units:	mg/Kg	Prepared:	01/21/08
Basis:	as received	Analyzed:	01/21/08

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC424830	0.01104	0.3906	0.4094	102	70-143		
MSD	QC424831		0.4808	0.5115	104	70-143	2	22

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Target Analyte List Metals

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3050B
Project#:	103DS1518014.01	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC424887	Batch#:	133963
Matrix:	Soil	Prepared:	01/21/08
Units:	mg/Kg	Analyzed:	01/22/08
Basis:	as received		

Analyte	Result	RL
Aluminum	7.9 b	5.0
Antimony	ND	0.50
Arsenic	ND	0.29
Barium	ND	0.25
Beryllium	ND	0.10
Cadmium	ND	0.25
Calcium	ND	25
Chromium	ND	0.25
Cobalt	ND	0.25
Copper	ND	0.29
Iron	19 b	5.0
Lead	ND	0.25
Magnesium	ND	25
Manganese	0.15 J	0.25
Molybdenum	ND	0.25
Nickel	ND	0.25
Potassium	ND	25
Selenium	ND	0.50
Silver	ND	0.25
Sodium	ND	25
Thallium	ND	0.50
Vanadium	ND	0.25
Zinc	ND	1.0

J= Estimated value
b= See narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Target Analyte List Metals

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3050B
Project#:	103DS1518014.01	Analysis:	EPA 6010B
Matrix:	Soil	Batch#:	133963
Units:	mg/Kg	Prepared:	01/21/08
Basis:	as received	Analyzed:	01/22/08
Diln Fac:	1.000		

Type: BS Lab ID: QC424888

Analyte	Spiked	Result	%REC	Limits
Aluminum	1,000	911.2	91	80-120
Antimony	100.0	92.36	92	80-120
Arsenic	50.00	47.11	94	80-120
Barium	100.0	92.93	93	80-120
Beryllium	2.500	2.556	102	80-120
Cadmium	10.00	9.403	94	80-120
Calcium	1,000	922.9	92	80-120
Chromium	100.0	91.83	92	80-120
Cobalt	25.00	22.16	89	80-120
Copper	12.50	11.52	92	80-120
Iron	1,000	947.7	95	80-120
Lead	100.0	89.23	89	80-120
Magnesium	1,000	908.6	91	80-120
Manganese	25.00	23.80	95	80-120
Molybdenum	20.00	19.16	96	80-120
Nickel	25.00	22.41	90	80-120
Potassium	500.0	449.8	90	80-120
Selenium	50.00	44.26	89	80-120
Silver	10.00	8.824	88	80-120
Sodium	1,000	929.5	93	80-120
Thallium	50.00	44.92	90	80-120
Vanadium	25.00	23.10	92	80-120
Zinc	25.00	22.25	89	80-120

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Target Analyte List Metals

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3050B
Project#:	103DS1518014.01	Analysis:	EPA 6010B
Matrix:	Soil	Batch#:	133963
Units:	mg/Kg	Prepared:	01/21/08
Basis:	as received	Analyzed:	01/22/08
Diln Fac:	1.000		

Type: BSD Lab ID: QC424889

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Aluminum	1,000	921.4	92	80-120	1	20
Antimony	100.0	91.44	91	80-120	1	20
Arsenic	50.00	46.13	92	80-120	2	20
Barium	100.0	92.70	93	80-120	0	20
Beryllium	2.500	2.537	101	80-120	1	20
Cadmium	10.00	9.245	92	80-120	2	20
Calcium	1,000	924.1	92	80-120	0	20
Chromium	100.0	91.52	92	80-120	0	20
Cobalt	25.00	21.84	87	80-120	1	20
Copper	12.50	11.82	95	80-120	3	20
Iron	1,000	954.3	95	80-120	1	20
Lead	100.0	87.75	88	80-120	2	20
Magnesium	1,000	915.1	92	80-120	1	20
Manganese	25.00	23.80	95	80-120	0	20
Molybdenum	20.00	18.78	94	80-120	2	20
Nickel	25.00	22.15	89	80-120	1	20
Potassium	500.0	452.2	90	80-120	1	20
Selenium	50.00	43.86	88	80-120	1	20
Silver	10.00	8.827	88	80-120	0	20
Sodium	1,000	958.9	96	80-120	3	20
Thallium	50.00	44.47	89	80-120	1	20
Vanadium	25.00	23.04	92	80-120	0	20
Zinc	25.00	22.48	90	80-120	1	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Target Analyte List Metals

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3050B
Project#:	103DS1518014.01	Analysis:	EPA 6010B
Field ID:	RFS-WTA-DU1-001	Batch#:	133963
MSS Lab ID:	200592-001	Sampled:	01/17/08
Matrix:	Soil	Received:	01/17/08
Units:	mg/Kg	Prepared:	01/21/08
Basis:	as received	Analyzed:	01/22/08
Diln Fac:	1.000		

Type: MS Lab ID: QC424890

Analyte	MSS Result	Spiked	Result	%REC	Limits
Aluminum	10,240	943.4	10,690 >LR	48 NM	48-155
Antimony	0.7487	94.34	37.21	39	1-122
Arsenic	4.120	47.17	40.66	77	72-120
Barium	75.98	94.34	193.6	125	49-139
Beryllium	0.2607	2.358	2.221	83	80-120
Cadmium	0.2243	9.434	7.054	72 *	74-120
Calcium	3,167	943.4	4,282	118	39-151
Chromium	32.39	94.34	106.0	78	65-120
Cobalt	6.080	23.58	23.28	73	60-120
Copper	34.31	11.79	43.03	74	47-146
Iron	16,400	943.4	15,610 >LR	-84 NM	55-141
Lead	11.72	94.34	76.09	68	53-123
Magnesium	4,043	943.4	5,678 >LR	173 NM	24-165
Manganese	252.4	23.58	619.1 >LR	1555 NM	56-147
Molybdenum	<0.04745	18.87	13.53	72	66-120
Nickel	34.90	23.58	60.79	110	43-142
Potassium	829.0	471.7	1,276	95	42-147
Selenium	<0.04405	47.17	31.54	67 *	71-120
Silver	<0.05343	9.434	6.947	74	66-120
Sodium	212.2	943.4	922.5	75	64-126
Thallium	<0.08001	47.17	30.92	66	62-120
Vanadium	24.93	23.58	46.08	90	52-139
Zinc	55.54	23.58	70.95	65	42-147

*= Value outside of QC limits; see narrative
NC= Not Calculated
NM= Not Meaningful: Sample concentration > 4X spike concentration
>LR= Response exceeds instrument's linear range
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Target Analyte List Metals

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3050B
Project#:	103DS1518014.01	Analysis:	EPA 6010B
Field ID:	RFS-WTA-DU1-001	Batch#:	133963
MSS Lab ID:	200592-001	Sampled:	01/17/08
Matrix:	Soil	Received:	01/17/08
Units:	mg/Kg	Prepared:	01/21/08
Basis:	as received	Analyzed:	01/22/08
Diln Fac:	1.000		

Type: MSD Lab ID: QC424891

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Aluminum	961.5	11,410 >LR	122 NM	48-155	NC	20
Antimony	96.15	38.98	40	1-122	3	30
Arsenic	48.08	39.73	74	72-120	4	20
Barium	96.15	159.8	87	49-139	20	23
Beryllium	2.404	2.252	83	80-120	0	20
Cadmium	9.615	7.039	71 *	74-120	2	20
Calcium	961.5	3,984	85	39-151	8	25
Chromium	96.15	107.6	78	65-120	0	20
Cobalt	24.04	23.92	74	60-120	1	24
Copper	12.02	43.55	77	47-146	1	21
Iron	961.5	16,530 >LR	13 NM	55-141	NC	20
Lead	96.15	74.51	65	53-123	4	28
Magnesium	961.5	5,759 >LR	179 NM	24-165	NC	27
Manganese	24.04	362.9	460 NM	56-147	NC	20
Molybdenum	19.23	13.41	70	66-120	3	20
Nickel	24.04	59.81	104	43-142	2	26
Potassium	480.8	1,409	121	42-147	9	20
Selenium	48.08	30.80	64 *	71-120	4	20
Silver	9.615	6.911	72	66-120	2	20
Sodium	961.5	936.8	75	64-126	0	24
Thallium	48.08	30.74	64	62-120	2	20
Vanadium	24.04	47.64	94	52-139	2	20
Zinc	24.04	74.40	78	42-147	4	27

*= Value outside of QC limits; see narrative
NC= Not Calculated
NM= Not Meaningful: Sample concentration > 4X spike concentration
>LR= Response exceeds instrument's linear range
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Target Analyte List Metals

Lab #:	200592	Location:	Multi-Inc. Samp
Client:	Tetra Tech EMI	Prep:	EPA 3050B
Project#:	103DS1518014.01	Analysis:	EPA 6010B
Field ID:	RFS-WTA-DU1-001	Basis:	as received
Type:	Serial Dilution	Batch#:	133963
MSS Lab ID:	200592-001	Sampled:	01/17/08
Lab ID:	QC424892	Received:	01/17/08
Matrix:	Soil	Analyzed:	01/22/08
Units:	mg/Kg		

Analyte	MSS Result	MSS RL	Result	RL	% Diff	Lim	Diln Fac
Aluminum	10,240	93.46	11,050	467.3	8	10	100.0
Antimony	0.7487	0.5000	ND	1.222	NC	10	5.000
Arsenic	4.120	0.2691	4.742	1.346	NC	10	5.000
Barium	75.98	0.2500	97.80	1.168	29 *	10	5.000
Beryllium	0.2607	0.1000	0.3132 J	0.4673	20 *	10	5.000
Cadmium	0.2243	0.2500	0.1533 J	1.168	NC	10	5.000
Calcium	3,167	25.00	4,220	46.73	33 *	10	5.000
Chromium	32.39	0.2500	42.47	1.168	31 *	10	5.000
Cobalt	6.080	0.2500	7.764	1.168	28 *	10	5.000
Copper	34.31	0.2693	42.35	1.346	23 *	10	5.000
Iron	16,400	93.46	18,030	467.3	10	10	100.0
Lead	11.72	0.2500	14.90	0.8670	27 *	10	5.000
Magnesium	4,043	25.00	5,350	46.73	32 *	10	5.000
Manganese	252.4	0.2500	336.5	1.168	33 *	10	5.000
Molybdenum	ND	0.2500	ND	1.168	NC	10	5.000
Nickel	34.90	0.2500	45.31	1.168	30 *	10	5.000
Potassium	829.0	25.00	1,018	116.8	23 *	10	5.000
Selenium	ND	0.5000	ND	1.168	NC	10	5.000
Silver	ND	0.2500	ND	1.168	NC	10	5.000
Sodium	212.2	25.00	268.5	116.8	27 *	10	5.000
Thallium	ND	0.5000	ND	1.200	NC	10	5.000
Vanadium	24.93	0.2500	31.87	1.168	28 *	10	5.000
Zinc	55.54	1.000	71.84	4.673	29 *	10	5.000

*= Value outside of QC limits; see narrative
J= Estimated value
NC= Not Calculated
ND= Not Detected
RL= Reporting Limit

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Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900 Phone
(510) 486-0532 Fax

CHAIN OF CUSTODY

C & T LOGIN #: 200592

Sampler: C. Ferlic

Project No.: 103DS15180014.01 **Report To:** Jason Braderson

Project Name: multi-inc. samp. **Company:** Tetra Tech

Project P.O.: **Telephone:** 415-543-4880

Turnaround Time: 15 day **Fax:**

Lab No.	Sample ID.	Sampling Date Time	Matrix: Soil/Sediment	Water	Waste		# of Containers	Preservative: HCL	H_2SO_4	HNO_3	ICE	None	Analysis: EPA 3520C	EPA 6020	EPA 7471A	EPA 8015 Modified (TVH/TEHM)	EPA 3630C silica Gel.	EPA 8081A / 8082 (PCB/Pest)	EPA 8270
-1	RFS-WTA-DU1-0001	1/17/08 12:00	X				1					X	X	X	X	X	X	X	
-2	RFS-WTA-DU2-0001	1/17/08 12:00	X				1					X	X	X	X	X	X	X	
-3	RFS-WTA-DU3-0001	1/17/08 12:00	X				1					X	X	X	X	X	X	X	
-4	RFS-WTAA-0001	1/17/08 12:00	X				1					X	X	X	X	X	X	X	
6	RFS-WTAA-0002	1/17/08 12:00	X				1					X	X	X	X	X	X	X	
-5	RFS-WSM-DU1-0001	1/17/08 14:00	X				1					X	X	X	X	X	X	X	

Notes:
RFS-WTAA-002 was received intact and on ice 01/18/08 @ 9:44 - Amk.

direct from field.

SAMPLE RECEIPT
☒ Intact ☐ Cold
☒ On Ice ☐ Ambient
Preservative Correct?
☐ Yes ☐ No ☐ N/A

RELINQUISHED BY:
Carolyn Ferlic Jan 17 3:37 DATE / TIME
DATE / TIME
DATE / TIME

RECEIVED BY:
Anne Kate. 1/17/08 1545 DATE / TIME
DATE / TIME
DATE / TIME

SIGNATURE

Curtis & Tompkins, Ltd

COOLER RECEIPT CHECKLIST

Login#: 200592 Date Received: 1/17/08 Number of Coolers: 1
Client: Tetra Tech Project: Multi-Inc. Samp.

A. Preliminary Examination Phase
Date Opened: 1/17 By (print): KWellbrock (sign) KWellbrock

1. Did cooler come with a shipping slip (airbill, etc.)? ..... YES (NO)
   If YES, enter carrier name and airbill number: _____
2. Were custody seals on outside of cooler? ..... YES (NO)
   How many and where? _____ Seal date: _____ Seal name: _____
3. Were custody seals unbroken and intact at the date and time of arrival? ..... YES NO N/A
4. Were custody papers dry and intact when received? ..... (YES) NO
5. Were custody papers filled out properly (ink, signed, etc.)? ..... (YES) NO
6. Did you sign the custody papers in the appropriate place? ..... (YES) NO
7. Was project identifiable from custody papers? ..... (YES) NO
   If YES, enter project name at the top of this form.
8. Describe type of packing in cooler: bags of ice
9. If required, was sufficient ice used? Samples should be <=6 degrees C. ..... YES NO
   Type of ice: Wet Temperature: no temp blank - on ice direct from field
10. Were Encore sampling devices present in the cooler? ..... YES (NO)
    If YES, enter time they were transferred to the freezer _____

B. Login Phase
Date Logged In: 1-17-08 By (print): Faith Nichols (sign) Faith

1. Did all bottles arrive unbroken? ..... (YES) NO
2. Were labels in good condition and complete (ID, date, time, signature, etc.)? ..... (YES) NO *
3. Did bottle labels agree with custody papers? ..... YES NO
4. Were appropriate containers used for the tests indicated? ..... (YES) NO
5. Were correct preservatives added to samples? ..... N/A YES NO
6. Was sufficient amount of sample sent for tests indicated? ..... (YES) NO
7. Were bubbles absent in VOA samples? If NO, list sample Ids below ..... N/A YES NO
8. Was the client contacted concerning this sample delivery? ..... YES NO
   If YES, give details below.
   Who was called? _____ By whom? _____ Date: _____

Additional Comments:
B3: No sample RFS-WTAA-002 Sent