



1172 Kansas Avenue, Suite A
Modesto, CA 95351
209.522.4119 – PH
209.522.4227 - FAX
groundzeroanalysis.com

RECEIVED

By Alameda County Environmental Health at 9:04 am, Aug 27, 2014

ADDITIONAL SUBSURFACE INVESTIGATION REPORT

(VOLUME II)

APPENDIX E (continued) and APPENDIX F

**The Green
5411 Martinelli Way
Dublin, CA**

August 18, 2014

Prepared by

Ground Zero Analysis, Inc.
1172 Kansas Avenue
Modesto, CA 95351

APPENDIX E (CONTINUED)

LABORATORY REPORTS



Curtis & Tompkins, Ltd.

Analytical Laboratories, Since 1878



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 258353
ANALYTICAL REPORT

Ground Zero Analysis, Inc.
1172 Kansas Ave
Modesto, Ca 95351

Project : 942
Location : Stockbridge The Green
Level : II

Table with 2 columns: Sample ID and Lab ID. Rows include SP1 A-3', SP1 B-6", SP1 C-6', SP1 D-2', SP1 E-3', SP1 F-6", SP1 G-1', SP1 H-7', SP1 I-1.5', SP1 J-3", SP1 K-2', SP1 L-2', SP2 A-1', and SP2 B-6".

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Handwritten signature of Will S Rice

Signature: _____

Date: 07/10/2014

Will S Rice
Project Manager
will.rice@ctberk.com

CASE NARRATIVE

Laboratory number: 258353
Client: Ground Zero Analysis, Inc.
Project: 942
Location: Stockbridge The Green
Request Date: 06/20/14
Samples Received: 06/20/14

This data package contains sample and QC results for fourteen soil samples, requested for the above referenced project on 06/20/14. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):

No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B):

Matrix spikes QC747034, QC747035 (batch 212734) were not reported because the parent sample required a dilution that would have diluted out the spikes. SP1 J-3" (lab # 258353-010), SP2 A-1' (lab # 258353-013), and SP2 B-6" (lab # 258353-014) were diluted due to the dark and viscous nature of the sample extracts. No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):

No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

A number of samples were diluted due to the dark and viscous nature of the sample extracts. No other analytical problems were encountered.

Pesticides (EPA 8081A):

All samples underwent sulfur cleanup using the copper option in EPA Method 3660B. All samples underwent florisol cleanup using EPA Method 3620C. Matrix spikes QC746657, QC746658 (batch 212640) were not reported because the parent sample required a dilution that would have diluted out the spikes. Many samples were diluted due to the color of the sample extracts. No other analytical problems were encountered.

PCBs (EPA 8082):

All samples underwent sulfuric acid cleanup using EPA Method 3665A. All samples underwent sulfur cleanup using the copper option in EPA Method 3660B. Matrix spikes QC746657, QC746658 (batch 212640) were not reported because the parent sample required a dilution that would have diluted out the spikes. No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):

No analytical problems were encountered.

CARB 435 Asbestos (CARB 435):

Forensic Analytical in Hayward, CA performed the analysis (not NELAP

CASE NARRATIVE

Laboratory number: 258353
Client: Ground Zero Analysis, Inc.
Project: 942
Location: Stockbridge The Green
Request Date: 06/20/14
Samples Received: 06/20/14

CARB 435 Asbestos (CARB 435):

certified). Please see the Forensic Analytical case narrative.

COOLER RECEIPT CHECKLIST



Curtis & Tompkins, Ltd.

Login # 258353 Date Received 9/20/14 Number of coolers 3
 Client Ground Zero Analysis Project 942

Date Opened 9/23/14 By (print) MC (sign) [Signature]
 Date Logged in ↓ By (print) ↓ (sign) ↓

1. Did cooler come with a shipping slip (airbill, etc) _____ YES NO
 Shipping info _____

2A. Were custody seals present? YES (circle) on cooler on samples NO
 How many _____ Name _____ Date _____

2B. Were custody seals intact upon arrival? _____ YES NO N/A

3. Were custody papers dry and intact when received? _____ YES NO

4. Were custody papers filled out properly (ink, signed, etc)? _____ YES NO

5. Is the project identifiable from custody papers? (If so fill out top of form) _____ YES NO

6. Indicate the packing in cooler: (if other, describe) _____

- Bubble Wrap
- Foam blocks
- Bags
- None
- Cloth material
- Cardboard
- Styrofoam
- Paper towels

7. Temperature documentation: * Notify PM if temperature exceeds 6°C

Type of ice used: Wet Blue/Gel None Temp(°C) 4.5/5.9/5.5

Samples received on ice & cold without a temperature blank; temp taken with IR gun

Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? _____ YES NO

If YES, what time were they transferred to freezer? _____

9. Did all bottles arrive unbroken/unopened? _____ YES NO

10. Are there any missing / extra samples? _____ YES NO

11. Are samples in the appropriate containers for indicated tests? _____ YES NO

12. Are sample labels present, in good condition and complete? _____ YES NO

13. Do the sample labels agree with custody papers? _____ YES NO

14. Was sufficient amount of sample sent for tests requested? _____ YES NO

15. Are the samples appropriately preserved? _____ YES NO N/A

16. Did you check preservatives for all bottles for each sample? _____ YES NO N/A

17. Did you document your preservative check? _____ YES NO N/A

18. Did you change the hold time in LIMS for unpreserved VOAs? _____ YES NO N/A

19. Did you change the hold time in LIMS for preserved terracores? _____ YES NO N/A

20. Are bubbles > 6mm absent in VOA samples? _____ YES NO N/A

21. Was the client contacted concerning this sample delivery? _____ YES NO

If YES, Who was called? _____ By _____ Date: _____

COMMENTS

Detections Summary for 258353

Client : Ground Zero Analysis, Inc.
 Project : 942
 Location : Stockbridge The Green

Client Sample ID : SP1 A-3'

Laboratory Sample ID :

258353-001

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	7.6	Y	1.0	0.31	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B
Motor Oil C24-C36	58		5.0	1.5	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B
Fluoranthene	5.9		5.0	1.0	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Benzo(b)fluoranthene	5.7		5.0	1.0	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Antimony	6.0		0.51	0.16	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Arsenic	6.2		0.25	0.084	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	200		0.25	0.049	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.46		0.10	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.28		0.25	0.016	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	30		0.25	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	9.6		0.25	0.020	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	22		0.26	0.087	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	9.7		0.25	0.074	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.021		0.016	0.0011	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Nickel	35		0.25	0.068	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Selenium	1.4		0.51	0.15	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	42		0.25	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	47		1.0	0.099	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : SP1 B-6"

Laboratory Sample ID :

258353-002

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	15	Y	1.0	0.31	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B
Motor Oil C24-C36	99		5.0	1.5	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B
Fluoranthene	7.3		5.0	1.0	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Pyrene	5.2		5.0	1.0	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Chrysene	9.0		5.0	1.0	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Benzo(a)pyrene	5.2		5.0	1.0	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Benzo(g,h,i)perylene	6.0		5.0	1.0	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Aroclor-1254	19		9.6	2.4	ug/Kg	As Recd	1.000	EPA 8082	EPA 3550B
Aroclor-1260	20		9.6	1.5	ug/Kg	As Recd	1.000	EPA 8082	EPA 3550B
Arsenic	5.6		0.25	0.084	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	170		0.25	0.049	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.41		0.10	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.55		0.25	0.016	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	31		0.25	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	9.7		0.25	0.020	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	22		0.26	0.087	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	11		0.25	0.074	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.024		0.018	0.0011	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Nickel	38		0.25	0.068	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Selenium	2.4		0.51	0.16	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	38		0.25	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	48		1.0	0.099	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : SP1 C-6'

Laboratory Sample ID :

258353-003

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	7.2	Y	1.0	0.31	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B
Motor Oil C24-C36	61		5.0	1.5	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B
Fluoranthene	5.5		5.0	0.99	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Aroclor-1254	86		9.6	2.4	ug/Kg	As Recd	1.000	EPA 8082	EPA 3550B
Arsenic	5.5		0.26	0.086	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	190		0.26	0.051	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.47		0.10	0.020	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.27		0.26	0.017	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	35		0.26	0.022	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	11		0.26	0.020	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	24		0.27	0.090	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	12		0.26	0.076	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.025		0.017	0.0011	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Nickel	43		0.26	0.071	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Selenium	2.5		0.52	0.17	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	44		0.26	0.026	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	53		1.0	0.10	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : SP1 D-2'

Laboratory Sample ID :

258353-004

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	9.5	Y	1.0	0.31	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B
Motor Oil C24-C36	61		5.0	1.5	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B
Benzo(a)pyrene	11		10	2.0	ug/Kg	As Recd	2.000	EPA 8270C-SIM	EPA 3550B
Antimony	7.5		0.50	0.16	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Arsenic	4.3		0.25	0.083	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	180		0.25	0.049	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.45		0.10	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.28		0.25	0.016	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	38		0.25	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	11		0.25	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	24		0.26	0.086	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	13		0.25	0.073	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.041		0.016	0.0010	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Nickel	46		0.25	0.068	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	44		0.25	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	51		1.0	0.098	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : SP1 E-3'

Laboratory Sample ID :

258353-005

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	11	Y	1.0	0.31	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B
Motor Oil C24-C36	83		5.0	1.5	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B
Fluoranthene	7.0		5.1	1.0	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Pyrene	5.6		5.1	1.0	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Chrysene	5.2		5.1	1.0	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Antimony	7.6		0.51	0.16	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Arsenic	4.9		0.25	0.084	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	160		0.25	0.049	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.41		0.10	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.26		0.25	0.016	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	30		0.25	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	8.8		0.25	0.020	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	19		0.26	0.087	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	27		0.25	0.074	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.021		0.016	0.0010	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Nickel	34		0.25	0.068	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	39		0.25	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	45		1.0	0.099	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : SP1 F-6"

Laboratory Sample ID :

258353-006

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	9.1	Y	1.0	0.31	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B
Motor Oil C24-C36	72		5.0	1.5	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B
Phenanthrene	5.3		5.1	1.0	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Fluoranthene	12		5.1	1.0	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Pyrene	11		5.1	1.0	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Benzo(a)anthracene	6.7		5.1	1.0	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Chrysene	8.2		5.1	1.0	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Benzo(b)fluoranthene	12		5.1	1.0	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Benzo(k)fluoranthene	6.9		5.1	1.0	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Benzo(a)pyrene	9.2		5.1	1.0	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Arsenic	5.2		0.24	0.081	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	190		0.24	0.047	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.46		0.097	0.018	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.36		0.24	0.016	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	38		0.24	0.020	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	10		0.24	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	24		0.25	0.084	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	13		0.24	0.071	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.030		0.018	0.0012	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Nickel	43		0.24	0.066	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Selenium	2.4		0.49	0.16	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	44		0.24	0.024	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	54		0.97	0.095	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : SP1 G-1'

Laboratory Sample ID :

258353-007

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	18	Y	1.0	0.31	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B
Motor Oil C24-C36	110		5.0	1.5	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B
Arsenic	6.7		0.25	0.073	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	190		0.25	0.049	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.47		0.10	0.013	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.34		0.25	0.016	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	37		0.25	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	10		0.25	0.020	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	24		0.26	0.087	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	13		0.25	0.074	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.030		0.018	0.0012	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Molybdenum	0.27		0.25	0.057	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Nickel	42		0.25	0.068	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	45		0.25	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	52		1.0	0.099	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : SP1 H-7'

Laboratory Sample ID :

258353-008

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	6.3	Y	0.99	0.30	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B
Motor Oil C24-C36	58		5.0	1.5	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B
Arsenic	6.7		0.25	0.073	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	190		0.25	0.049	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.48		0.10	0.012	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.32		0.25	0.016	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	31		0.25	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	9.8		0.25	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	22		0.26	0.086	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	11		0.25	0.073	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.023		0.017	0.0011	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Nickel	36		0.25	0.068	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Selenium	2.4		0.50	0.16	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	42		0.25	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	49		1.0	0.098	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : SP1 I-1.5'

Laboratory Sample ID :

258353-009

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	9.0	Y	1.0	0.31	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B
Motor Oil C24-C36	67		5.0	1.5	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B
Phenanthrene	8.5		5.1	1.0	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Fluoranthene	17		5.1	1.0	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Pyrene	13		5.1	1.0	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Benzo(a)anthracene	8.4		5.1	1.0	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Chrysene	9.9		5.1	1.0	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Benzo(a)pyrene	8.5		5.1	1.0	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Arsenic	5.8		0.26	0.074	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	200		0.26	0.050	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.46		0.10	0.013	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	36		0.26	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	11		0.26	0.020	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	25		0.26	0.088	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	14		0.26	0.075	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.028		0.016	0.0011	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Nickel	41		0.26	0.069	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Selenium	2.3		0.51	0.16	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	45		0.26	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	56		1.0	0.10	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : SP1 J-3"

Laboratory Sample ID :

258353-010

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	5.3	Y	5.0	1.5	mg/Kg	As Recd	5.000	EPA 8015B	EPA 3550B
Motor Oil C24-C36	43		25	7.5	mg/Kg	As Recd	5.000	EPA 8015B	EPA 3550B
Chrysene	7.8		5.0	1.0	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Arsenic	5.6		0.25	0.073	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	190		0.25	0.049	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.46		0.10	0.012	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.29		0.25	0.016	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	37		0.25	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	11		0.25	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	24		0.26	0.086	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	12		0.25	0.073	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.029		0.017	0.0011	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Nickel	42		0.25	0.068	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	45		0.25	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	53		1.0	0.098	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : SP1 K-2'

Laboratory Sample ID :

258353-011

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	9.2	Y	1.0	0.31	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B
Motor Oil C24-C36	64		5.0	1.5	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B
Phenanthrene	6.2		4.9	0.99	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Fluoranthene	14		4.9	0.99	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Pyrene	11		4.9	0.99	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Benzo(a)anthracene	7.4		4.9	0.99	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Chrysene	9.1		4.9	0.99	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Benzo(a)pyrene	7.9		4.9	0.99	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Arsenic	5.9		0.25	0.072	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	190		0.25	0.048	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.45		0.099	0.012	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.32		0.25	0.016	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	35		0.25	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	9.6		0.25	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	22		0.26	0.086	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	12		0.25	0.072	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.025		0.016	0.0010	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Nickel	38		0.25	0.067	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Selenium	2.1		0.50	0.16	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	41		0.25	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	82		0.99	0.097	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : SP1 L-2'

Laboratory Sample ID :

258353-012

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	5.7	Y	0.99	0.30	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B
Motor Oil C24-C36	48		5.0	1.5	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B
Arsenic	5.6		0.25	0.072	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	180		0.25	0.048	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.44		0.099	0.012	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.29		0.25	0.016	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	31		0.25	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	9.1		0.25	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	20		0.26	0.086	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	11		0.25	0.072	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.023		0.016	0.0010	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Nickel	38		0.25	0.067	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Selenium	2.5		0.50	0.16	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	39		0.25	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	47		0.99	0.097	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : SP2 A-1'

Laboratory Sample ID :

258353-013

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	23	Y	5.0	1.5	mg/Kg	As Recd	5.000	EPA 8015B	EPA 3550B
Motor Oil C24-C36	200		25	7.5	mg/Kg	As Recd	5.000	EPA 8015B	EPA 3550B
Phenanthrene	160		20	4.0	ug/Kg	As Recd	4.000	EPA 8270C-SIM	EPA 3550B
Anthracene	48		20	4.0	ug/Kg	As Recd	4.000	EPA 8270C-SIM	EPA 3550B
Fluoranthene	300		20	4.0	ug/Kg	As Recd	4.000	EPA 8270C-SIM	EPA 3550B
Pyrene	220		20	4.0	ug/Kg	As Recd	4.000	EPA 8270C-SIM	EPA 3550B
Benzo(a)anthracene	160		20	4.0	ug/Kg	As Recd	4.000	EPA 8270C-SIM	EPA 3550B
Chrysene	160		20	4.0	ug/Kg	As Recd	4.000	EPA 8270C-SIM	EPA 3550B
Benzo(b)fluoranthene	210		20	4.0	ug/Kg	As Recd	4.000	EPA 8270C-SIM	EPA 3550B
Benzo(k)fluoranthene	60		20	4.0	ug/Kg	As Recd	4.000	EPA 8270C-SIM	EPA 3550B
Benzo(a)pyrene	130		20	4.0	ug/Kg	As Recd	4.000	EPA 8270C-SIM	EPA 3550B
Indeno(1,2,3-cd)pyrene	51		20	4.0	ug/Kg	As Recd	4.000	EPA 8270C-SIM	EPA 3550B
Dibenz(a,h)anthracene	23		20	4.0	ug/Kg	As Recd	4.000	EPA 8270C-SIM	EPA 3550B
Benzo(g,h,i)perylene	58		20	4.0	ug/Kg	As Recd	4.000	EPA 8270C-SIM	EPA 3550B
Aroclor-1254	40		9.6	2.4	ug/Kg	As Recd	1.000	EPA 8082	EPA 3550B
Aroclor-1260	17		9.6	1.5	ug/Kg	As Recd	1.000	EPA 8082	EPA 3550B
Arsenic	3.1		0.24	0.069	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	120		0.24	0.046	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.24		0.094	0.012	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	29		0.24	0.020	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	4.9		0.24	0.018	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	20		0.24	0.082	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	23		0.24	0.069	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.086		0.017	0.0011	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Molybdenum	0.47		0.24	0.053	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Nickel	31		0.24	0.064	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	29		0.24	0.023	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	63		0.94	0.092	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : SP2 B-6"

Laboratory Sample ID :

258353-014

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	23	Y	5.0	1.5	mg/Kg	As Recd	5.000	EPA 8015B	EPA 3550B
Motor Oil C24-C36	160		25	7.6	mg/Kg	As Recd	5.000	EPA 8015B	EPA 3550B
Acenaphthene	18		10	2.0	ug/Kg	As Recd	2.000	EPA 8270C-SIM	EPA 3550B
Fluorene	13		10	2.0	ug/Kg	As Recd	2.000	EPA 8270C-SIM	EPA 3550B
Phenanthrene	190		10	2.0	ug/Kg	As Recd	2.000	EPA 8270C-SIM	EPA 3550B
Anthracene	57		10	2.0	ug/Kg	As Recd	2.000	EPA 8270C-SIM	EPA 3550B
Fluoranthene	350		10	2.0	ug/Kg	As Recd	2.000	EPA 8270C-SIM	EPA 3550B
Pyrene	240		10	2.0	ug/Kg	As Recd	2.000	EPA 8270C-SIM	EPA 3550B
Benzo(a)anthracene	170		10	2.0	ug/Kg	As Recd	2.000	EPA 8270C-SIM	EPA 3550B
Chrysene	150		10	2.0	ug/Kg	As Recd	2.000	EPA 8270C-SIM	EPA 3550B
Benzo(b)fluoranthene	200		10	2.0	ug/Kg	As Recd	2.000	EPA 8270C-SIM	EPA 3550B
Benzo(k)fluoranthene	58		10	2.0	ug/Kg	As Recd	2.000	EPA 8270C-SIM	EPA 3550B
Benzo(a)pyrene	130		10	2.0	ug/Kg	As Recd	2.000	EPA 8270C-SIM	EPA 3550B
Indeno(1,2,3-cd)pyrene	50		10	2.0	ug/Kg	As Recd	2.000	EPA 8270C-SIM	EPA 3550B
Dibenz(a,h)anthracene	21		10	2.0	ug/Kg	As Recd	2.000	EPA 8270C-SIM	EPA 3550B
Benzo(g,h,i)perylene	57		10	2.0	ug/Kg	As Recd	2.000	EPA 8270C-SIM	EPA 3550B
Aroclor-1254	64		9.6	2.4	ug/Kg	As Recd	1.000	EPA 8082	EPA 3550B
Aroclor-1260	25		9.6	1.5	ug/Kg	As Recd	1.000	EPA 8082	EPA 3550B
Arsenic	4.4		0.25	0.073	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	180		0.25	0.049	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.31		0.10	0.012	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.30		0.25	0.016	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	38		0.25	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	7.2		0.25	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	28		0.26	0.086	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	23		0.25	0.073	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.076		0.016	0.0011	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Molybdenum	0.60		0.25	0.056	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Nickel	38		0.25	0.068	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	41		0.25	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	96		1.0	0.098	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Y = Sample exhibits chromatographic pattern which does not resemble standard

Batch QC Report

Total Volatile Hydrocarbons			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC746246	Batch#:	212541
Matrix:	Soil	Analyzed:	06/24/14
Units:	mg/Kg		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	1.025	102	80-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	108	67-137

Batch QC Report

Total Volatile Hydrocarbons			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Diln Fac:	1.000
MSS Lab ID:	258349-001	Batch#:	212541
Matrix:	Soil	Sampled:	06/23/14
Units:	mg/Kg	Received:	06/23/14
Basis:	as received	Analyzed:	06/24/14

Type: MS Lab ID: QC746251

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.09033	10.31	8.820	85	42-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	115	67-137

Type: MSD Lab ID: QC746252

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	10.87	9.295	85	42-120	0	44

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	120	67-137

RPD= Relative Percent Difference

Total Extractable Hydrocarbons			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	06/18/14
Units:	mg/Kg	Received:	06/20/14
Basis:	as received		

Field ID:	SP1 A-3'	Batch#:	212676
Type:	SAMPLE	Prepared:	06/26/14
Lab ID:	258353-001	Analyzed:	06/26/14
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	7.6 Y	1.0
Motor Oil C24-C36	58	5.0

Surrogate	%REC	Limits
o-Terphenyl	104	64-136

Field ID:	SP1 B-6"	Batch#:	212676
Type:	SAMPLE	Prepared:	06/26/14
Lab ID:	258353-002	Analyzed:	06/26/14
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	15 Y	1.0
Motor Oil C24-C36	99	5.0

Surrogate	%REC	Limits
o-Terphenyl	107	64-136

Field ID:	SP1 C-6'	Batch#:	212676
Type:	SAMPLE	Prepared:	06/26/14
Lab ID:	258353-003	Analyzed:	06/26/14
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	7.2 Y	1.0
Motor Oil C24-C36	61	5.0

Surrogate	%REC	Limits
o-Terphenyl	83	64-136

Field ID:	SP1 D-2'	Batch#:	212734
Type:	SAMPLE	Prepared:	06/27/14
Lab ID:	258353-004	Analyzed:	06/28/14
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	9.5 Y	1.0
Motor Oil C24-C36	61	5.0

Surrogate	%REC	Limits
o-Terphenyl	87	64-136

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

Total Extractable Hydrocarbons			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	06/18/14
Units:	mg/Kg	Received:	06/20/14
Basis:	as received		

Field ID:	SP1 E-3'	Batch#:	212676
Type:	SAMPLE	Prepared:	06/26/14
Lab ID:	258353-005	Analyzed:	06/26/14
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	11 Y	1.0
Motor Oil C24-C36	83	5.0

Surrogate	%REC	Limits
o-Terphenyl	114	64-136

Field ID:	SP1 F-6"	Batch#:	212676
Type:	SAMPLE	Prepared:	06/26/14
Lab ID:	258353-006	Analyzed:	06/26/14
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	9.1 Y	1.0
Motor Oil C24-C36	72	5.0

Surrogate	%REC	Limits
o-Terphenyl	124	64-136

Field ID:	SP1 G-1'	Batch#:	212676
Type:	SAMPLE	Prepared:	06/26/14
Lab ID:	258353-007	Analyzed:	06/27/14
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	18 Y	1.0
Motor Oil C24-C36	110	5.0

Surrogate	%REC	Limits
o-Terphenyl	111	64-136

Field ID:	SP1 H-7'	Batch#:	212676
Type:	SAMPLE	Prepared:	06/26/14
Lab ID:	258353-008	Analyzed:	06/27/14
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	6.3 Y	0.99
Motor Oil C24-C36	58	5.0

Surrogate	%REC	Limits
o-Terphenyl	111	64-136

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

Total Extractable Hydrocarbons			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	06/18/14
Units:	mg/Kg	Received:	06/20/14
Basis:	as received		

Field ID:	SP1 I-1.5'	Batch#:	212692
Type:	SAMPLE	Prepared:	06/26/14
Lab ID:	258353-009	Analyzed:	06/27/14
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	9.0 Y	1.0
Motor Oil C24-C36	67	5.0

Surrogate	%REC	Limits
o-Terphenyl	89	64-136

Field ID:	SP1 J-3"	Batch#:	212692
Type:	SAMPLE	Prepared:	06/26/14
Lab ID:	258353-010	Analyzed:	06/27/14
Diln Fac:	5.000		

Analyte	Result	RL
Diesel C10-C24	5.3 Y	5.0
Motor Oil C24-C36	43	25

Surrogate	%REC	Limits
o-Terphenyl	74	64-136

Field ID:	SP1 K-2'	Batch#:	212692
Type:	SAMPLE	Prepared:	06/26/14
Lab ID:	258353-011	Analyzed:	06/27/14
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	9.2 Y	1.0
Motor Oil C24-C36	64	5.0

Surrogate	%REC	Limits
o-Terphenyl	89	64-136

Field ID:	SP1 L-2'	Batch#:	212692
Type:	SAMPLE	Prepared:	06/26/14
Lab ID:	258353-012	Analyzed:	06/27/14
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	5.7 Y	0.99
Motor Oil C24-C36	48	5.0

Surrogate	%REC	Limits
o-Terphenyl	87	64-136

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

Total Extractable Hydrocarbons			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	06/18/14
Units:	mg/Kg	Received:	06/20/14
Basis:	as received		

Field ID:	SP2 A-1'	Batch#:	212692
Type:	SAMPLE	Prepared:	06/26/14
Lab ID:	258353-013	Analyzed:	06/27/14
Diln Fac:	5.000		

Analyte	Result	RL
Diesel C10-C24	23 Y	5.0
Motor Oil C24-C36	200	25

Surrogate	%REC	Limits
o-Terphenyl	86	64-136

Field ID:	SP2 B-6"	Batch#:	212692
Type:	SAMPLE	Prepared:	06/26/14
Lab ID:	258353-014	Analyzed:	06/27/14
Diln Fac:	5.000		

Analyte	Result	RL
Diesel C10-C24	23 Y	5.0
Motor Oil C24-C36	160	25

Surrogate	%REC	Limits
o-Terphenyl	94	64-136

Type:	BLANK	Batch#:	212676
Lab ID:	QC746785	Prepared:	06/26/14
Diln Fac:	1.000	Analyzed:	06/26/14

Analyte	Result	RL
Diesel C10-C24	ND	0.99
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	99	64-136

Type:	BLANK	Batch#:	212692
Lab ID:	QC746862	Prepared:	06/26/14
Diln Fac:	1.000	Analyzed:	06/27/14

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

Surrogate	%REC	Limits
o-Terphenyl	97	64-136

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

Total Extractable Hydrocarbons			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	06/18/14
Units:	mg/Kg	Received:	06/20/14
Basis:	as received		

Type:	BLANK	Batch#:	212734
Lab ID:	QC747032	Prepared:	06/27/14
Diln Fac:	1.000	Analyzed:	06/28/14

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

Surrogate	%REC	Limits
o-Terphenyl	100	64-136

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

Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC746786	Batch#:	212676
Matrix:	Soil	Prepared:	06/26/14
Units:	mg/Kg	Analyzed:	06/26/14

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.89	52.86	106	61-132

Surrogate	%REC	Limits
o-Terphenyl	103	64-136

Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	212676
MSS Lab ID:	258278-005	Sampled:	06/20/14
Matrix:	Soil	Received:	06/20/14
Units:	mg/Kg	Prepared:	06/26/14
Basis:	as received	Analyzed:	06/27/14
Diln Fac:	5.000		

Type: MS Lab ID: QC746787

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	19.64	49.79	72.42	106	40-146

Surrogate	%REC	Limits
o-Terphenyl	72	64-136

Type: MSD Lab ID: QC746788

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	49.88	62.35	86	40-146	15	56

Surrogate	%REC	Limits
o-Terphenyl	80	64-136

RPD= Relative Percent Difference

Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC746863	Batch#:	212692
Matrix:	Soil	Prepared:	06/26/14
Units:	mg/Kg	Analyzed:	06/27/14

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.61	48.15	97	61-132

Surrogate	%REC	Limits
o-Terphenyl	108	64-136

Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8015B
Field ID:	SP1 J-3"	Batch#:	212692
MSS Lab ID:	258353-010	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	mg/Kg	Prepared:	06/26/14
Basis:	as received	Analyzed:	06/27/14
Diln Fac:	5.000		

Type: MS Lab ID: QC746864

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	5.314	50.27	50.79	90	40-146

Surrogate	%REC	Limits
o-Terphenyl	98	64-136

Type: MSD Lab ID: QC746865

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	50.35	49.73	88	40-146	2	56

Surrogate	%REC	Limits
o-Terphenyl	94	64-136

RPD= Relative Percent Difference

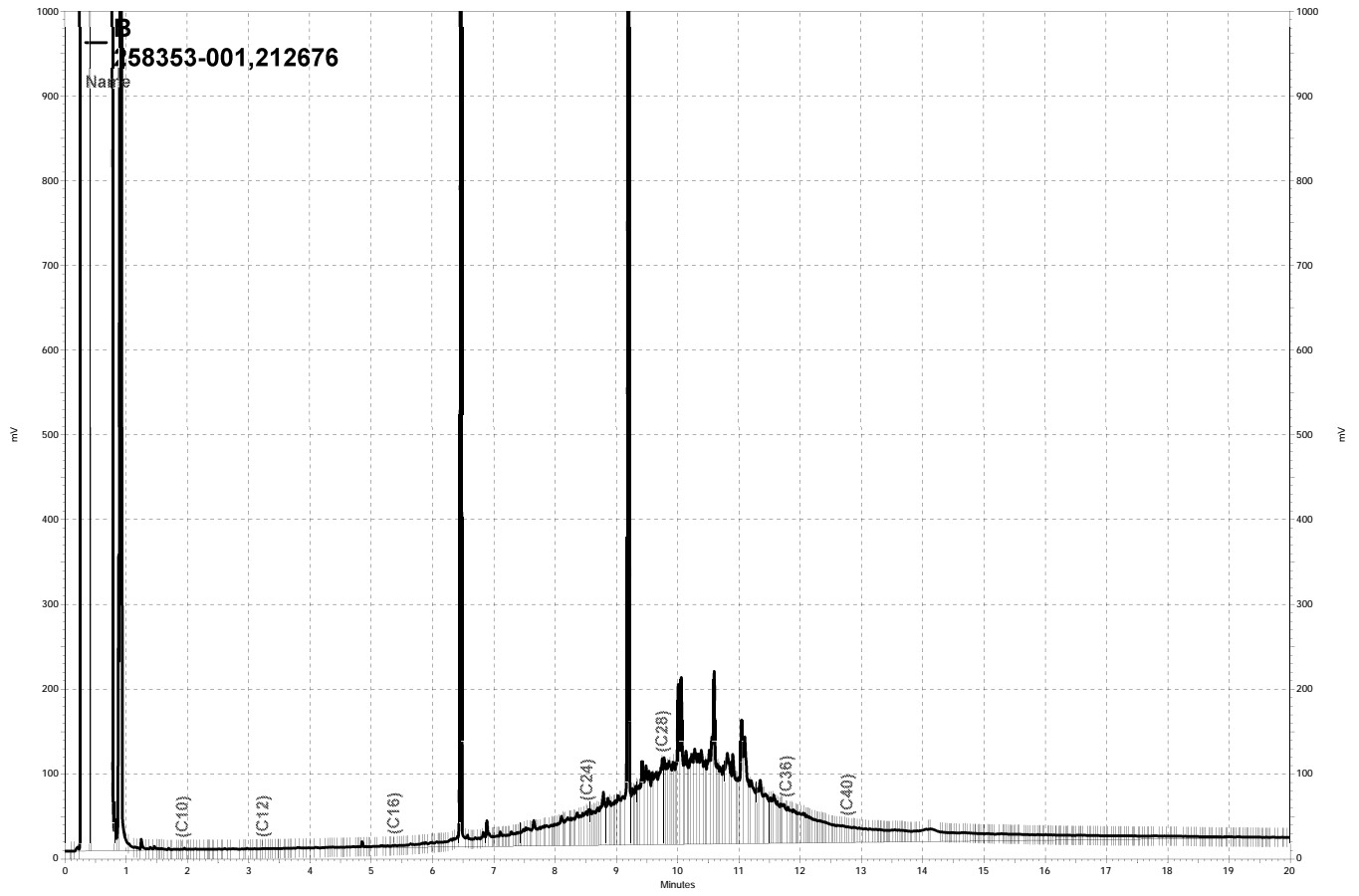
Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC747033	Batch#:	212734
Matrix:	Soil	Prepared:	06/27/14
Units:	mg/Kg	Analyzed:	06/28/14

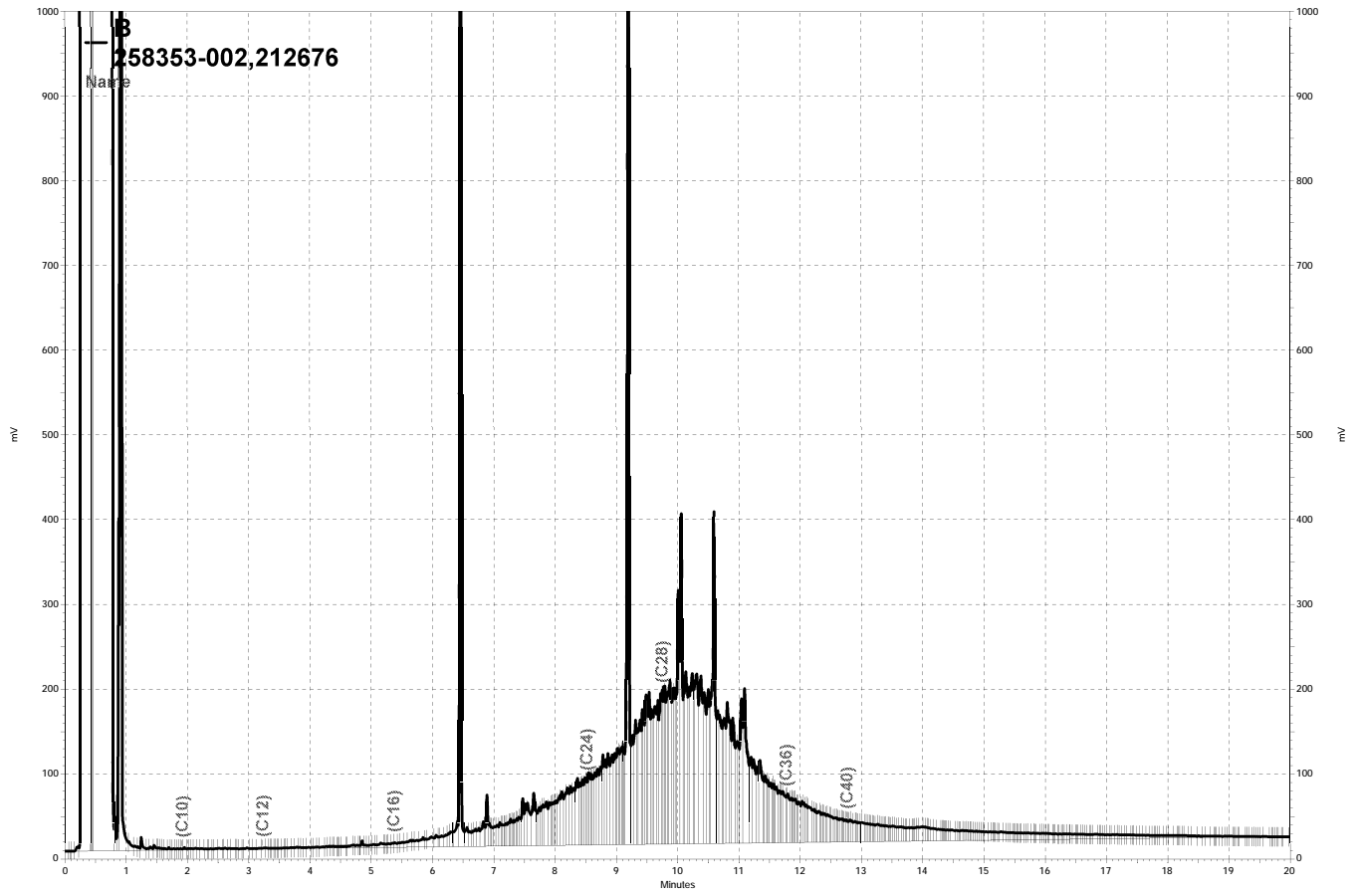
Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	50.45	48.50	96	61-132

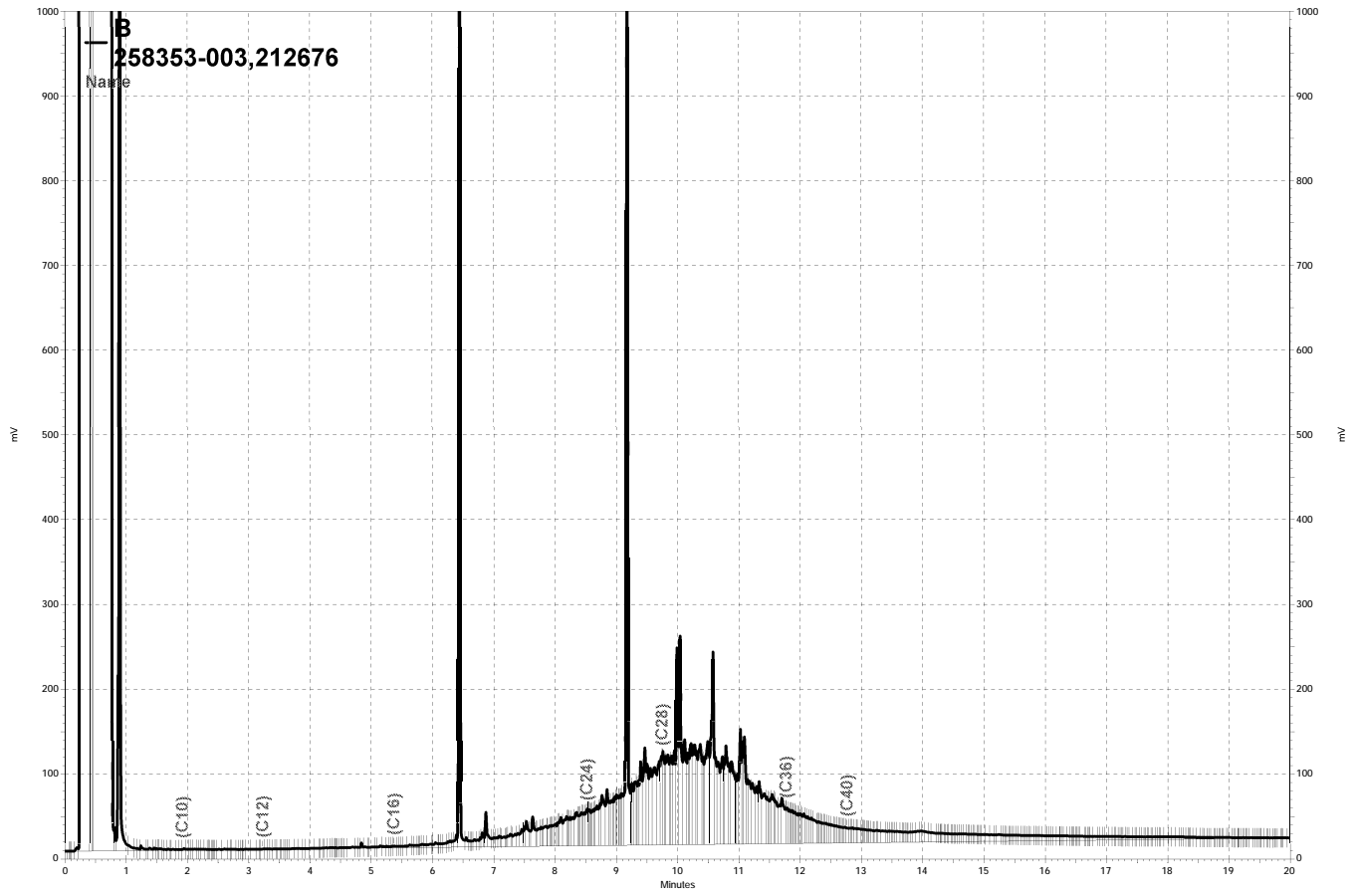
Surrogate	%REC	Limits
o-Terphenyl	115	64-136



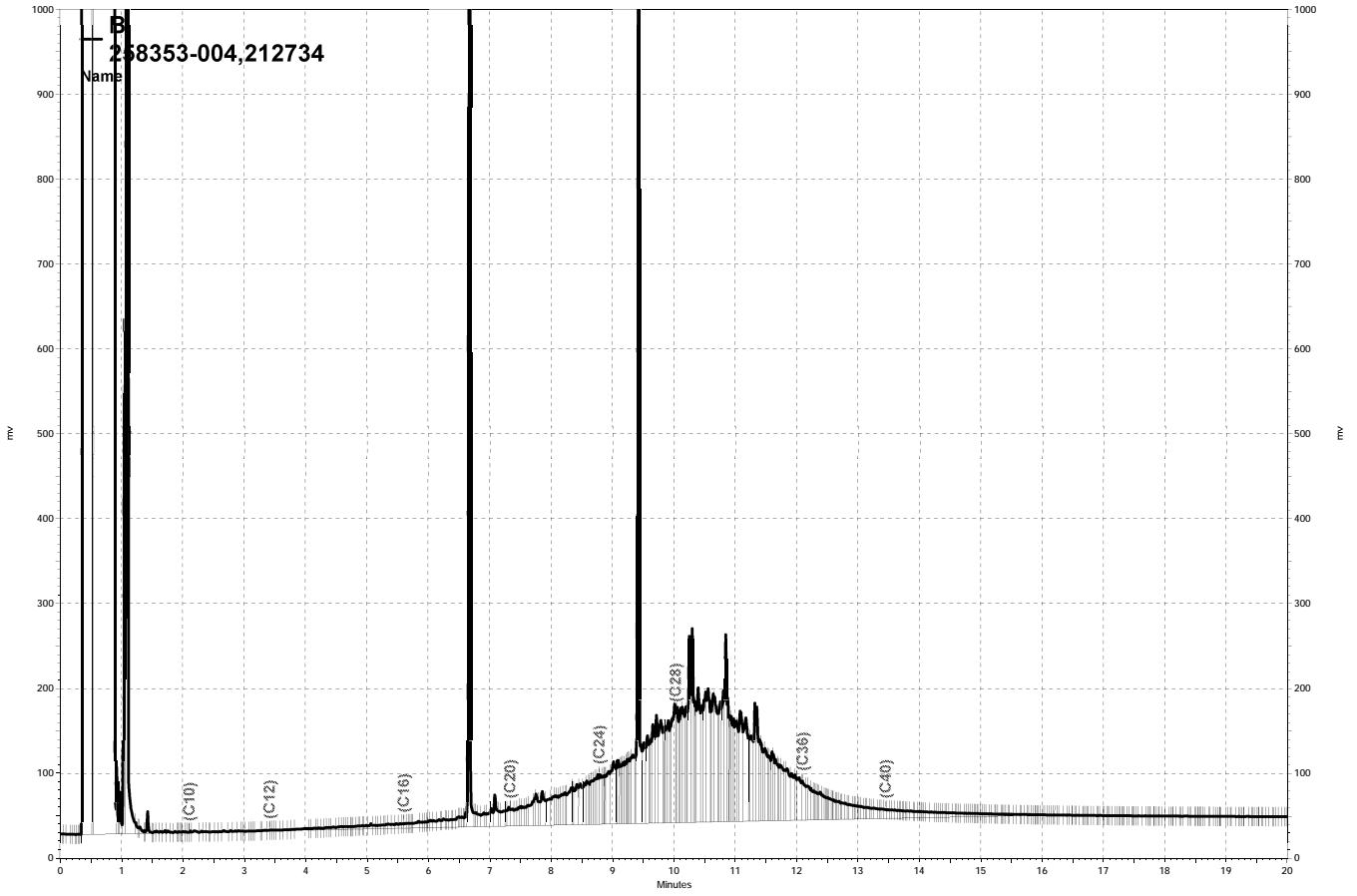
— \\Lims\gdrive\ezchrom\Projects\GC14B\Data\177b017, B



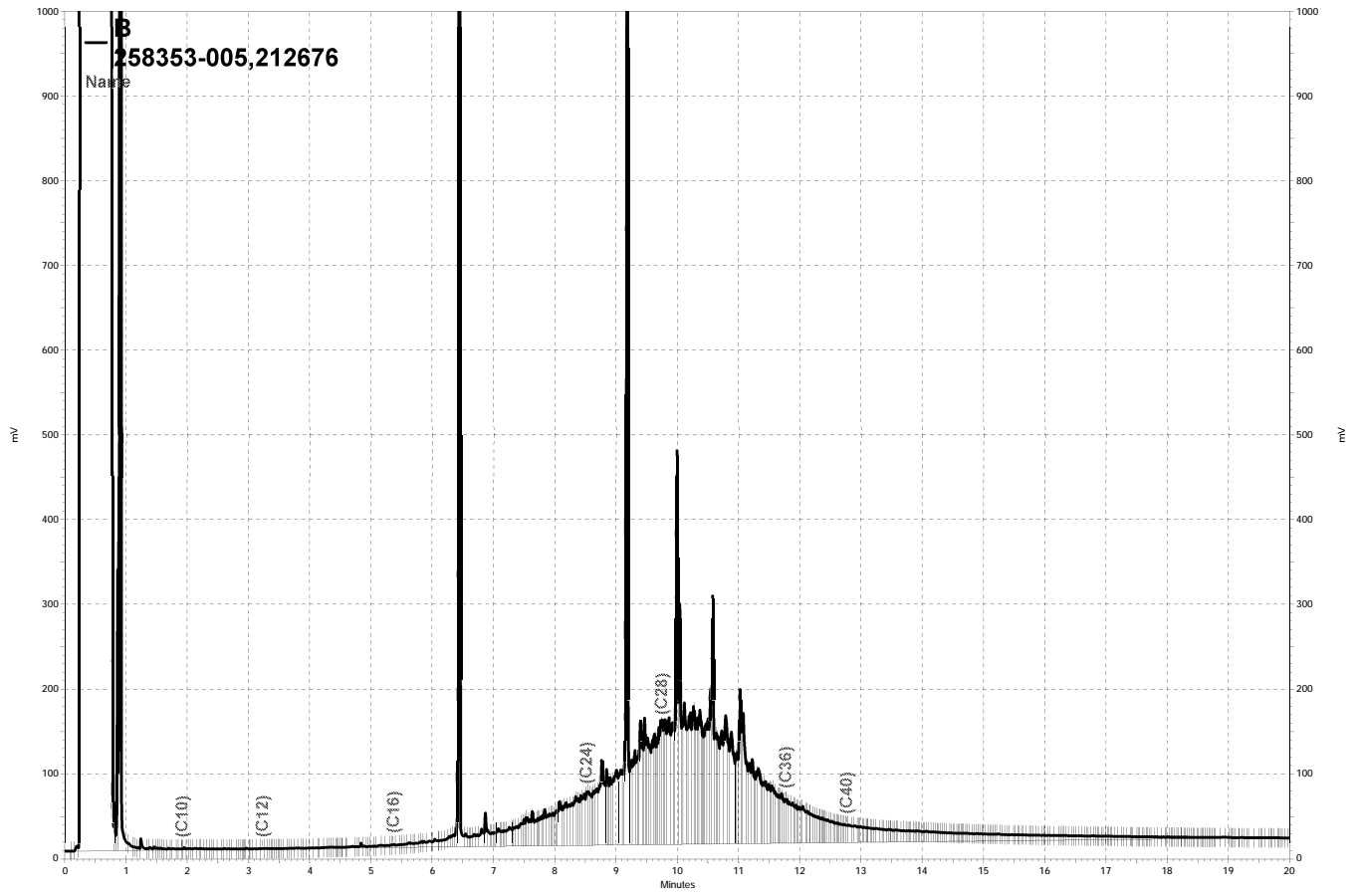
— \\Lims\gdrive\ezchrom\Projects\GC14B\Data\177b018, B



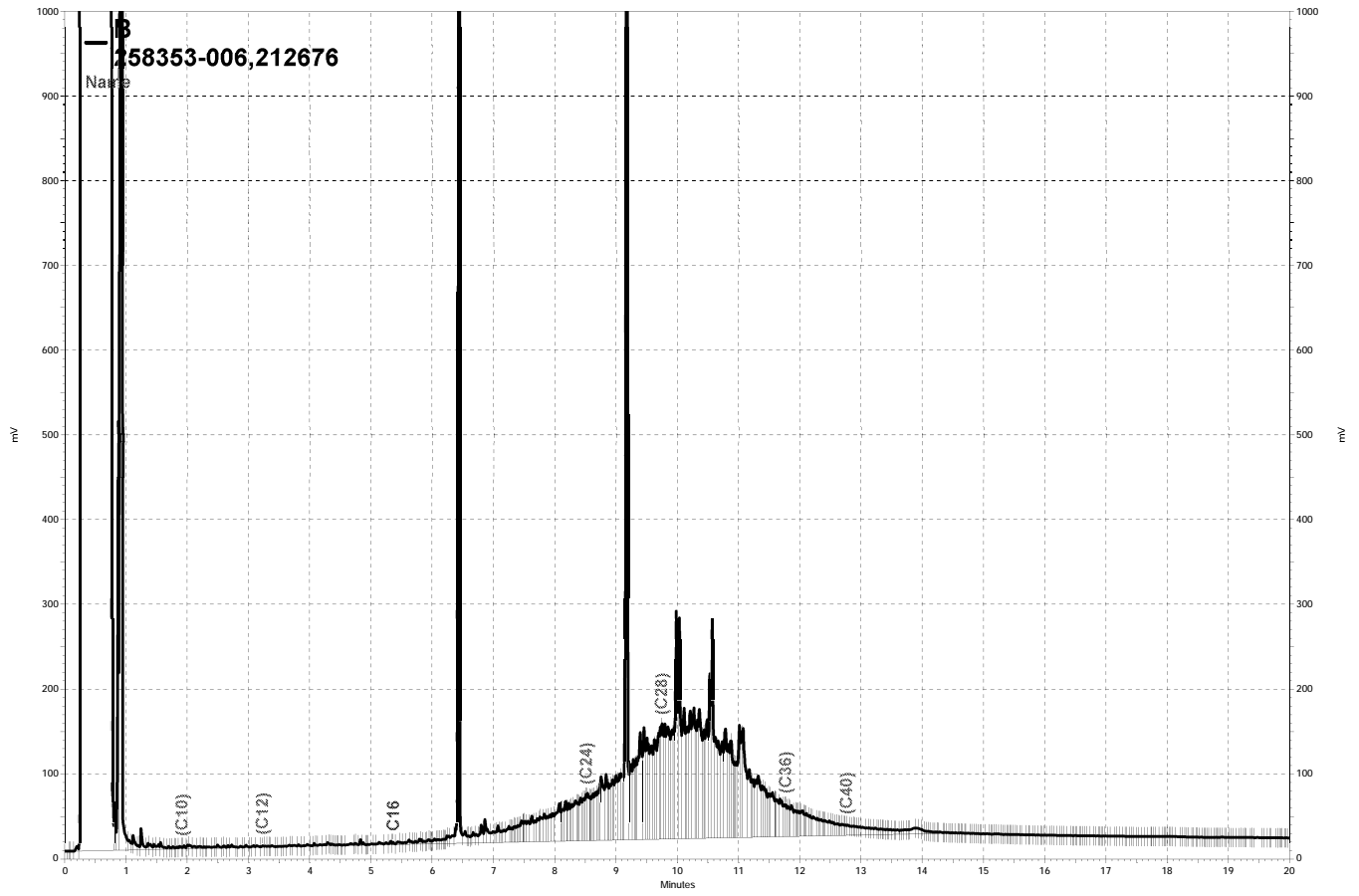
— \\Lims\gdrive\ezchrom\Projects\GC14B\Data\177b019, B



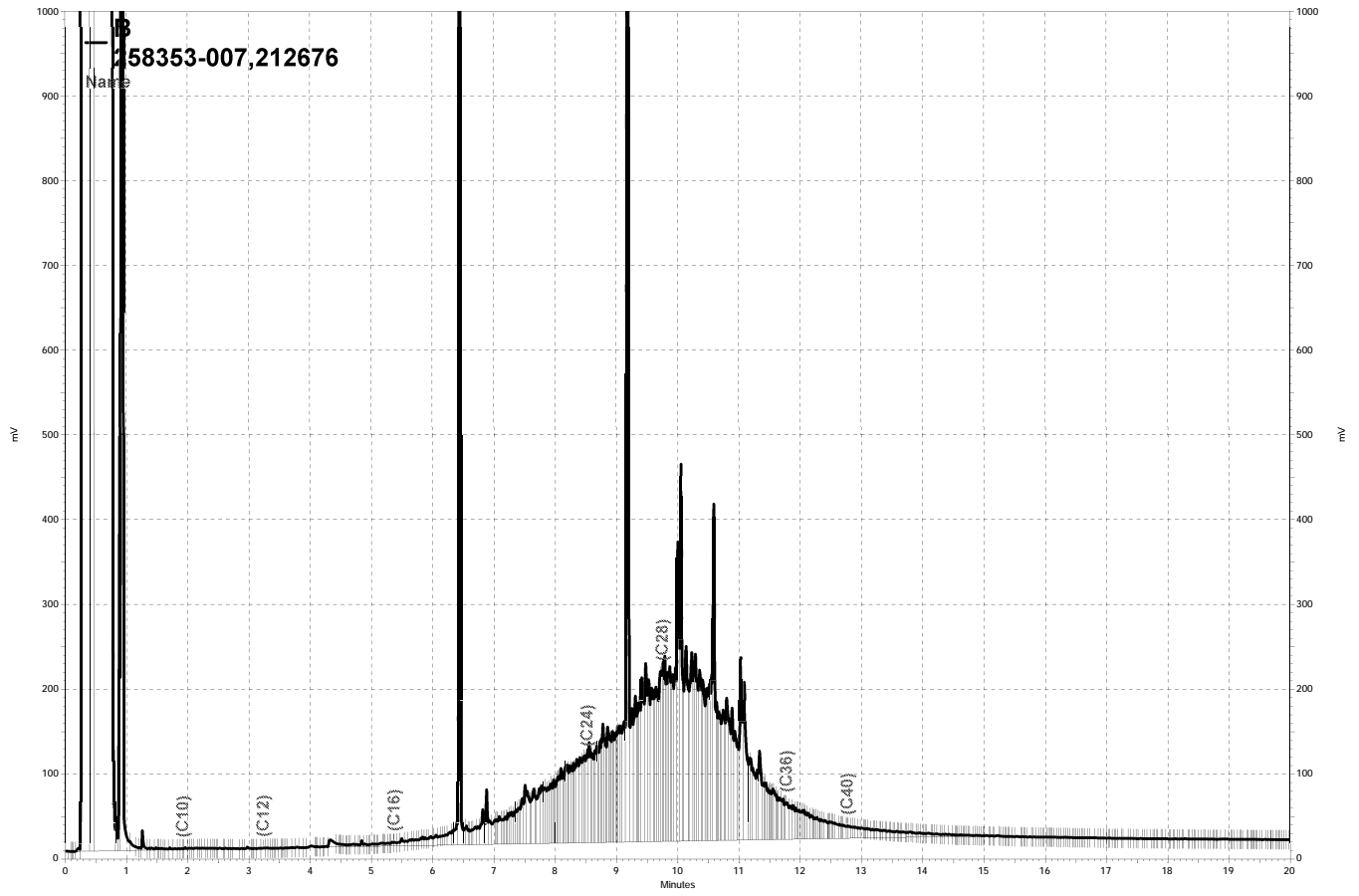
\\Lims\gdrive\ezchrom\Projects\GC15B\Data\179b017, B



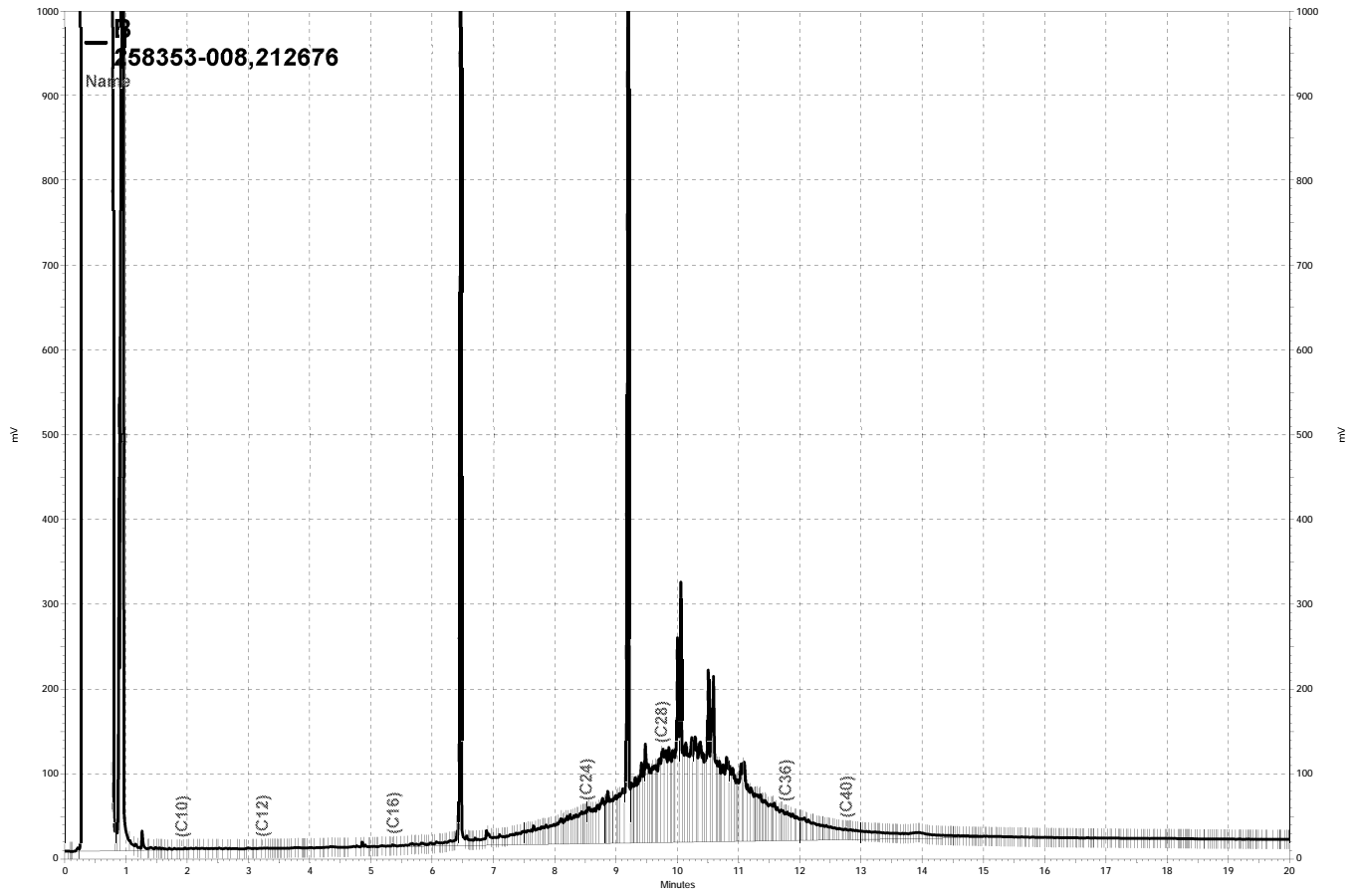
\\Lims\gdrive\ezchrom\Projects\GC14B\Data\177b021, B



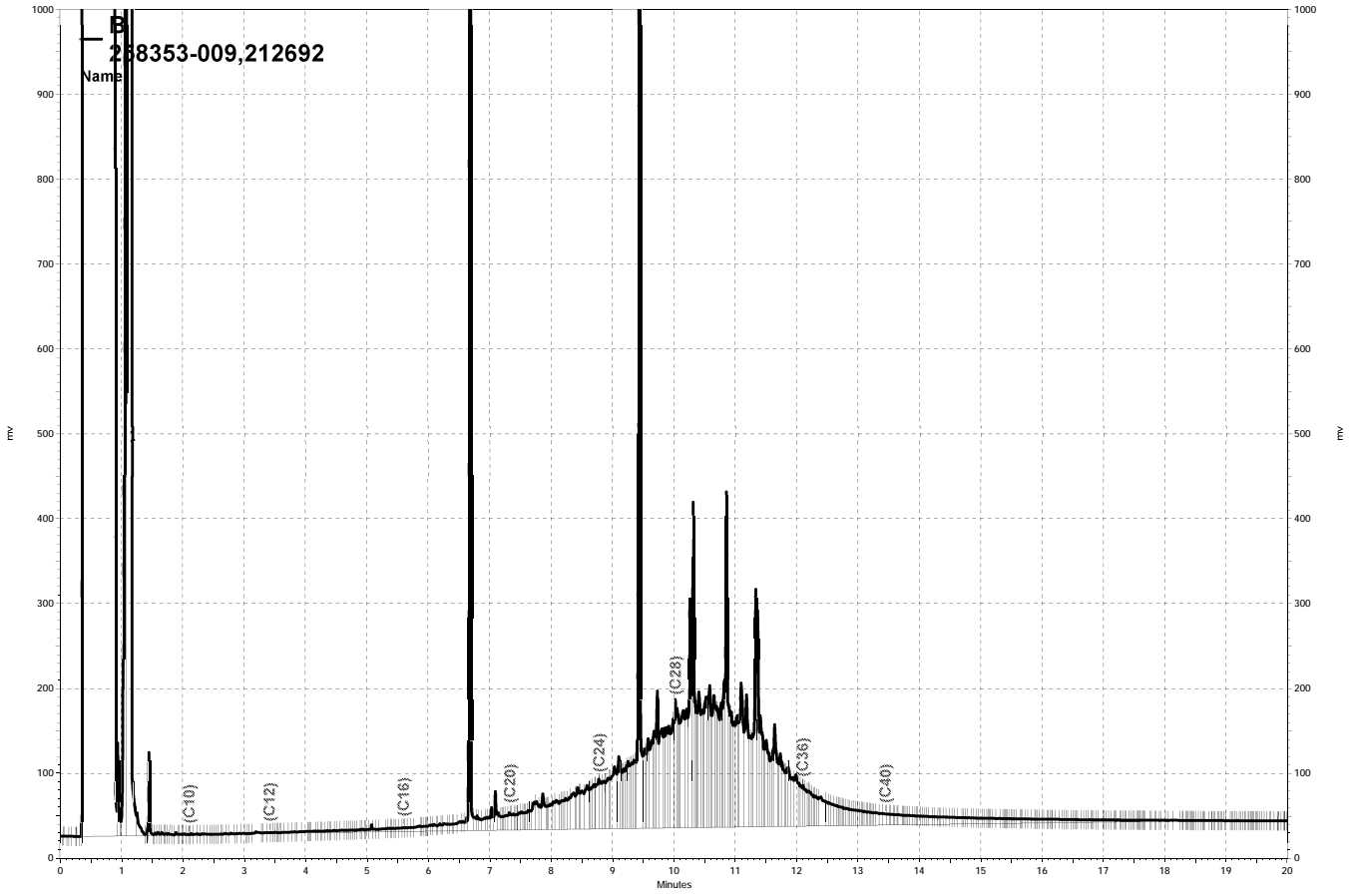
\\Lims\gdrive\ezchrom\Projects\GC14B\Data\177b022, B



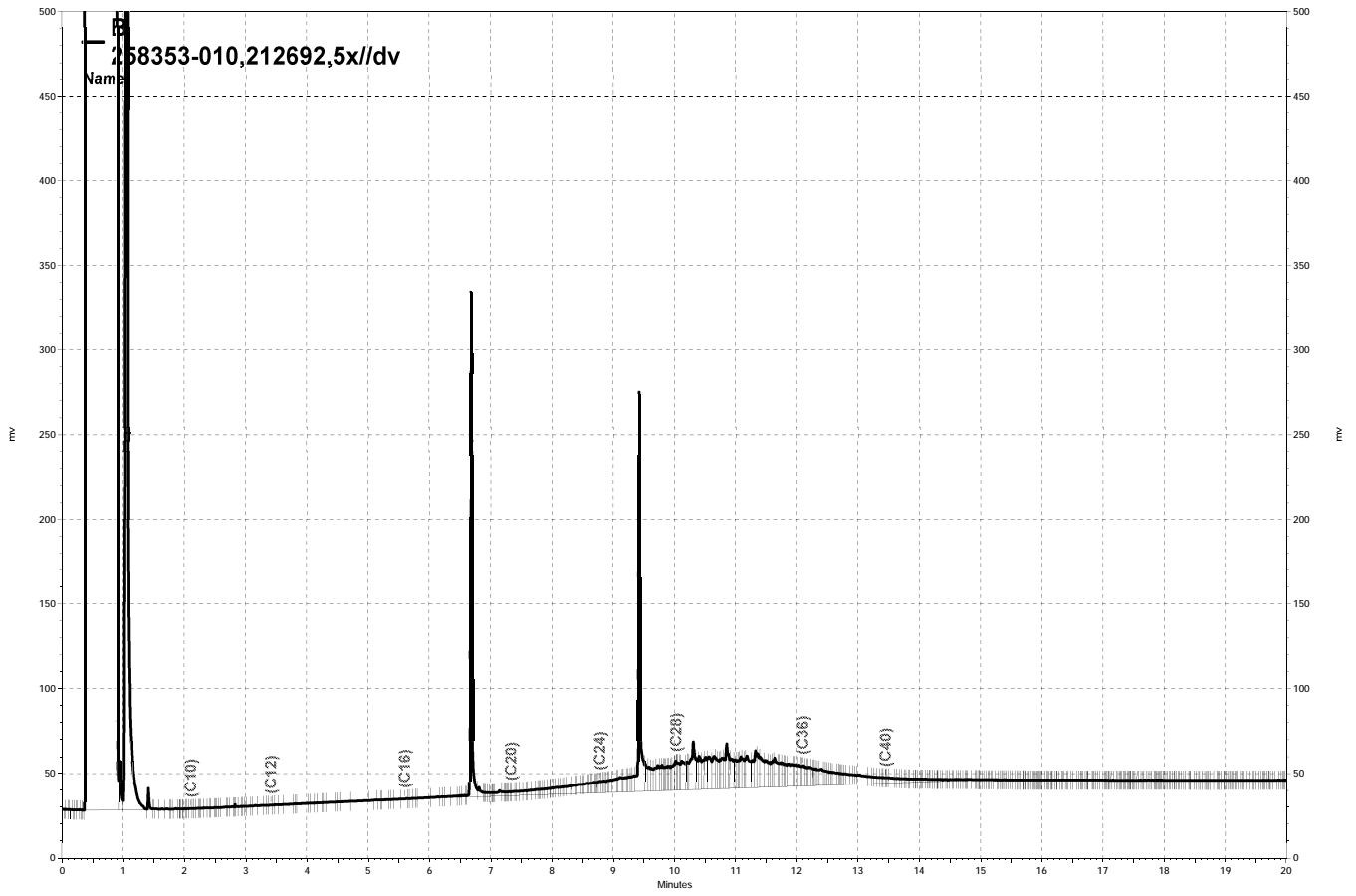
\\Lims\gdrive\ezchrom\Projects\GC14B\Data\177b028, B



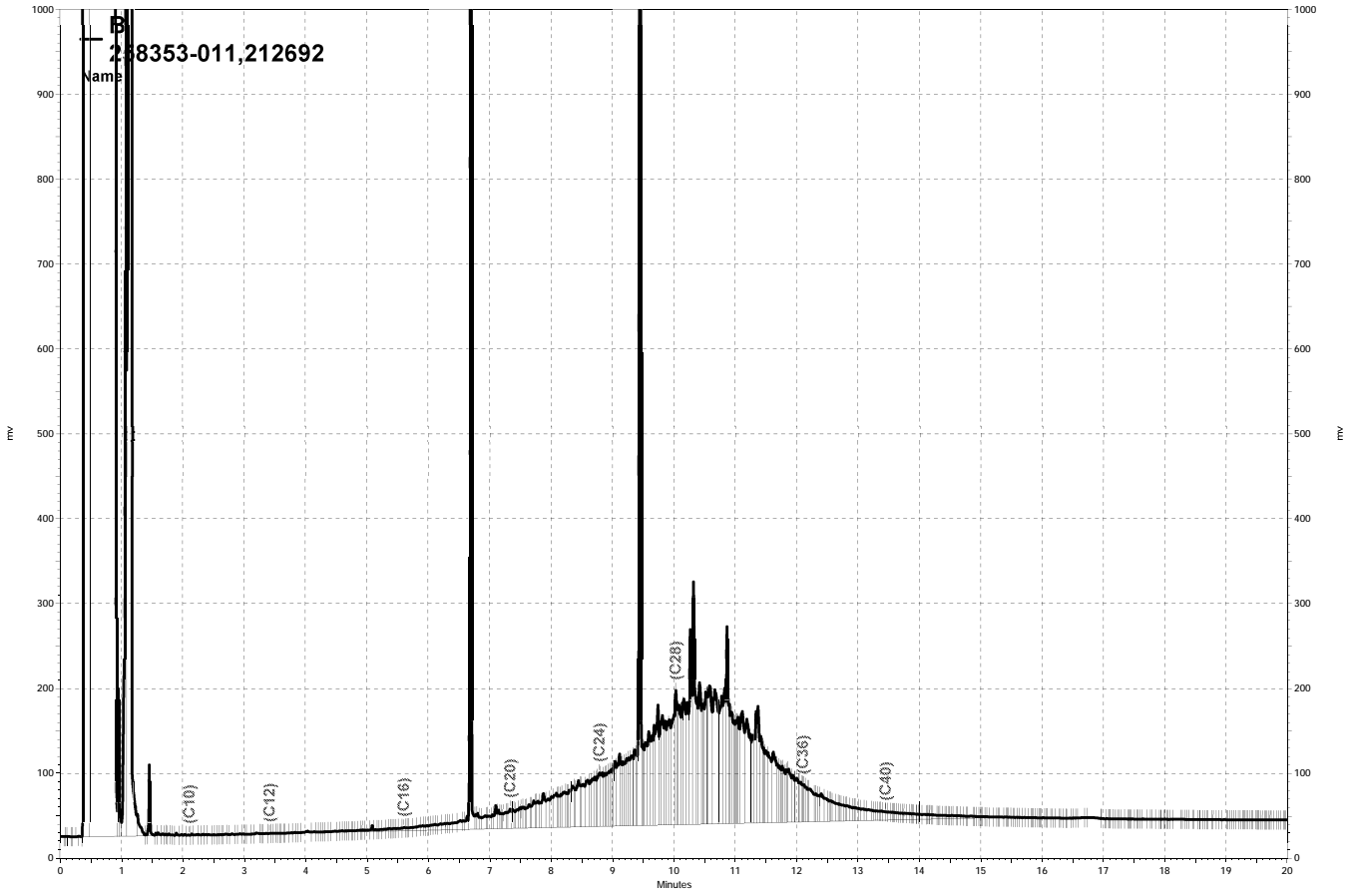
\\Lims\gdrive\ezchrom\Projects\GC14B\Data\177b029, B



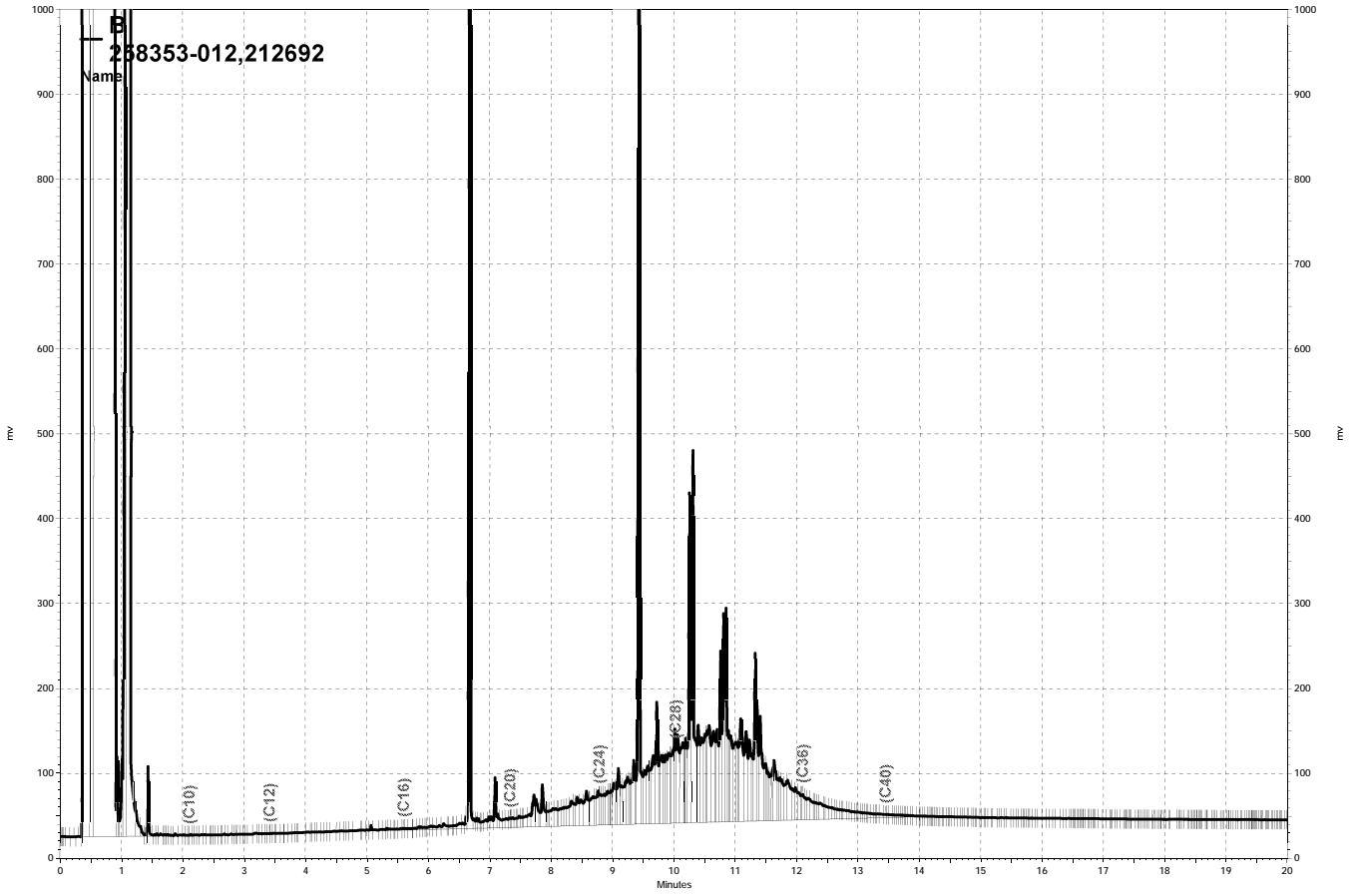
\\Lims\gdrive\ezchrom\Projects\GC15B\Data\178b013, B



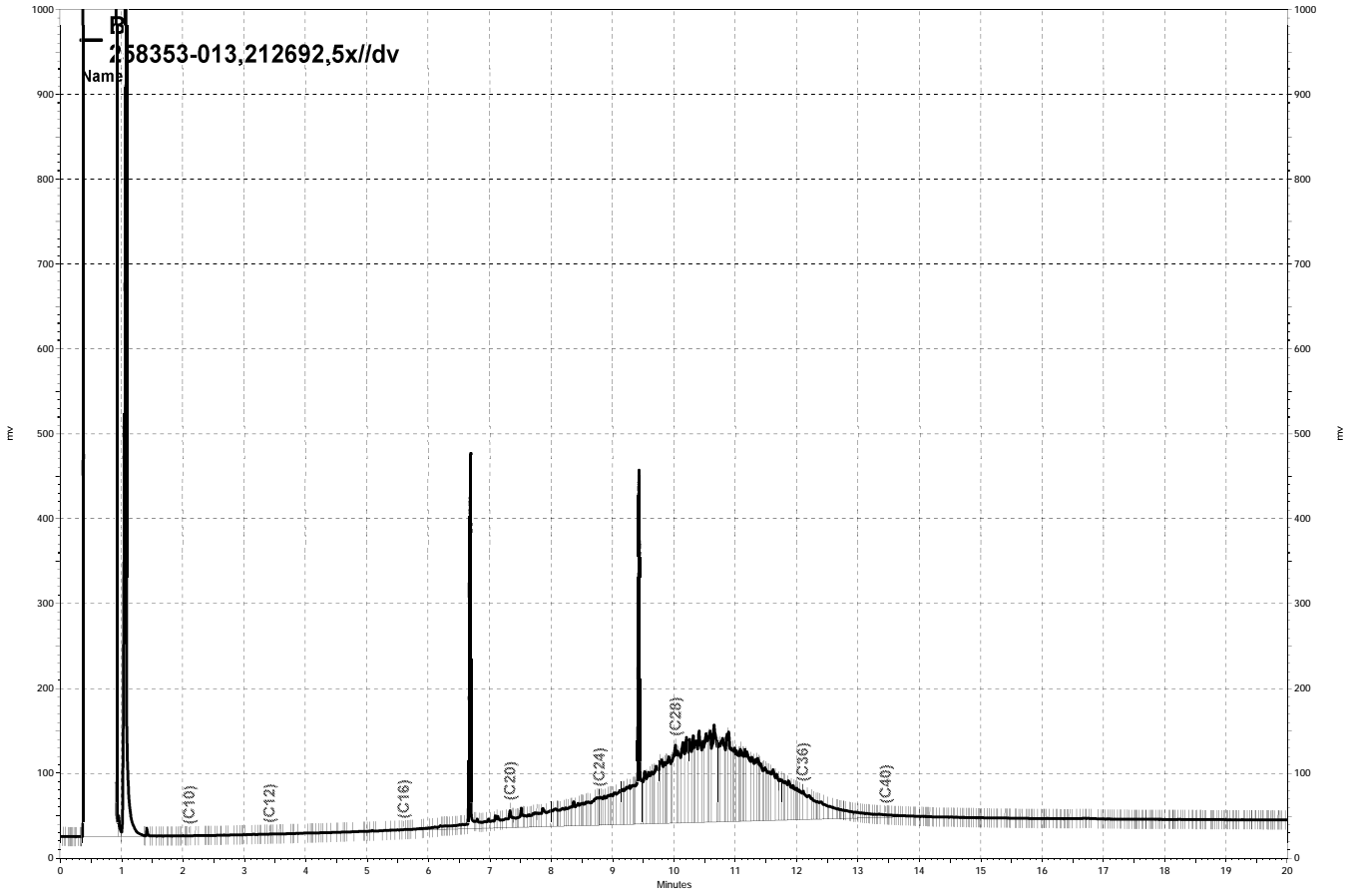
\\Lims\gdrive\ezchrom\Projects\GC15B\Data\178b009, B



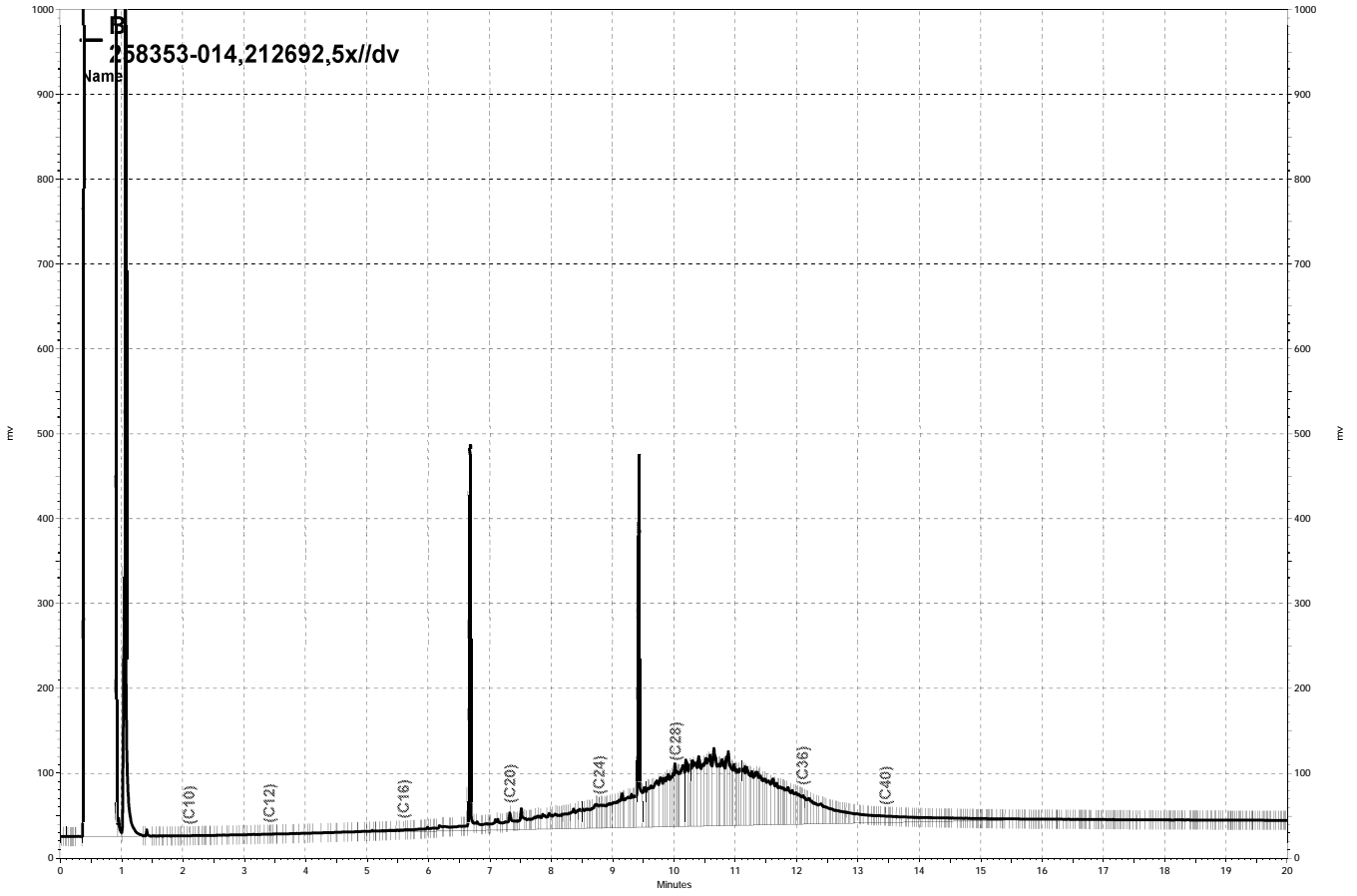
\\Lims\gdrive\ezchrom\Projects\GC15B\Data\178b014, B



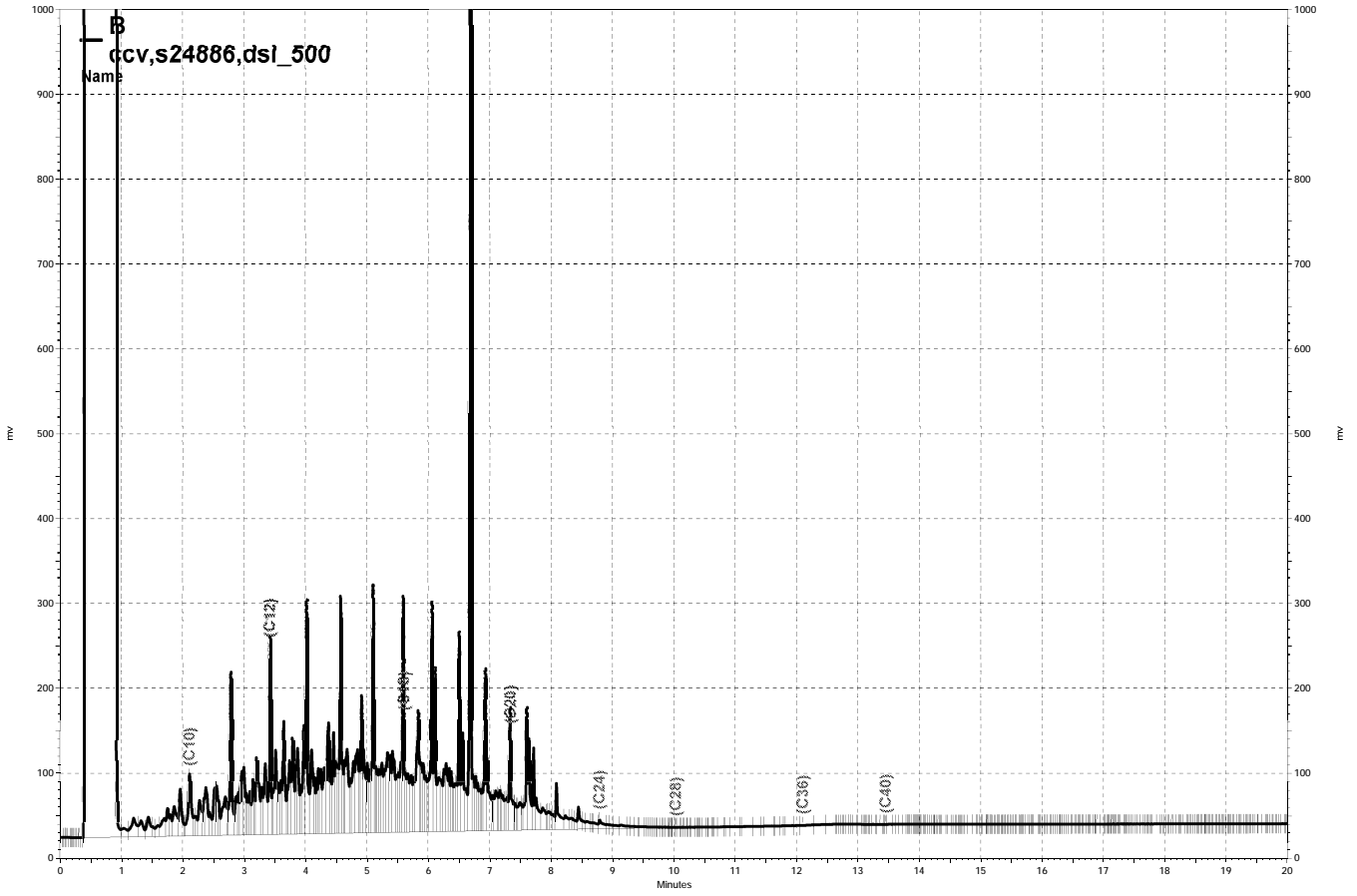
\\Lims\gdrive\ezchrom\Projects\GC15B\Data\178b015, B



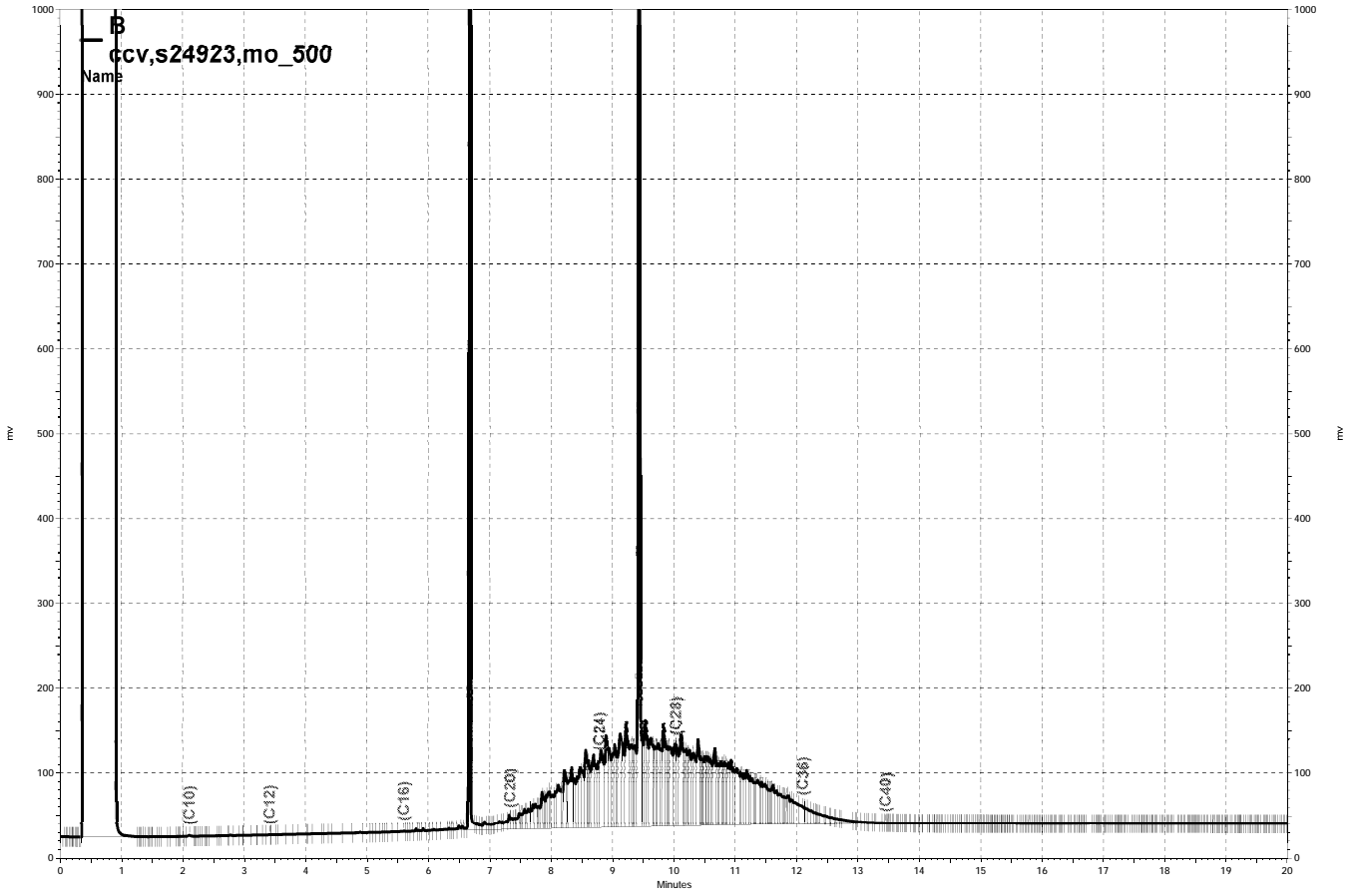
— \\Lims\gdrive\ezchrom\Projects\GC15B\Data\178b016, B



\\Lims\gdrive\ezchrom\Projects\GC15B\Data\178b017, B



\\Lims\gdrive\ezchrom\Projects\GC15B\Data\178b004, B



— \\Lims\gdrive\ezchrom\Projects\GC15B\Data\178b003, B

Purgeable Organics by GC/MS

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Field ID:	SP1 A-3'	Diln Fac:	0.9560
Lab ID:	258353-001	Batch#:	212540
Matrix:	Soil	Sampled:	06/18/14
Units:	ug/Kg	Received:	06/20/14
Basis:	as received	Analyzed:	06/24/14

Analyte	Result	RL
Freon 12	ND	9.6
Chloromethane	ND	9.6
Vinyl Chloride	ND	9.6
Bromomethane	ND	9.6
Chloroethane	ND	9.6
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.6
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.6
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.6
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Field ID:	SP1 A-3'	Diln Fac:	0.9560
Lab ID:	258353-001	Batch#:	212540
Matrix:	Soil	Sampled:	06/18/14
Units:	ug/Kg	Received:	06/20/14
Basis:	as received	Analyzed:	06/24/14

Analyte	Result	RL
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	123	76-128
1,2-Dichloroethane-d4	104	80-137
Toluene-d8	96	80-120
Bromofluorobenzene	111	79-128

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Field ID:	SP1 B-6"	Diln Fac:	0.8977
Lab ID:	258353-002	Batch#:	212540
Matrix:	Soil	Sampled:	06/18/14
Units:	ug/Kg	Received:	06/20/14
Basis:	as received	Analyzed:	06/24/14

Analyte	Result	RL
Freon 12	ND	9.0
Chloromethane	ND	9.0
Vinyl Chloride	ND	9.0
Bromomethane	ND	9.0
Chloroethane	ND	9.0
Trichlorofluoromethane	ND	4.5
Acetone	ND	18
Freon 113	ND	4.5
1,1-Dichloroethene	ND	4.5
Methylene Chloride	ND	18
Carbon Disulfide	ND	4.5
MTBE	ND	4.5
trans-1,2-Dichloroethene	ND	4.5
Vinyl Acetate	ND	45
1,1-Dichloroethane	ND	4.5
2-Butanone	ND	9.0
cis-1,2-Dichloroethene	ND	4.5
2,2-Dichloropropane	ND	4.5
Chloroform	ND	4.5
Bromochloromethane	ND	4.5
1,1,1-Trichloroethane	ND	4.5
1,1-Dichloropropene	ND	4.5
Carbon Tetrachloride	ND	4.5
1,2-Dichloroethane	ND	4.5
Benzene	ND	4.5
Trichloroethene	ND	4.5
1,2-Dichloropropane	ND	4.5
Bromodichloromethane	ND	4.5
Dibromomethane	ND	4.5
4-Methyl-2-Pentanone	ND	9.0
cis-1,3-Dichloropropene	ND	4.5
Toluene	ND	4.5
trans-1,3-Dichloropropene	ND	4.5
1,1,2-Trichloroethane	ND	4.5
2-Hexanone	ND	9.0
1,3-Dichloropropane	ND	4.5
Tetrachloroethene	ND	4.5

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Field ID:	SP1 B-6"	Diln Fac:	0.8977
Lab ID:	258353-002	Batch#:	212540
Matrix:	Soil	Sampled:	06/18/14
Units:	ug/Kg	Received:	06/20/14
Basis:	as received	Analyzed:	06/24/14

Analyte	Result	RL
Dibromochloromethane	ND	4.5
1,2-Dibromoethane	ND	4.5
Chlorobenzene	ND	4.5
1,1,1,2-Tetrachloroethane	ND	4.5
Ethylbenzene	ND	4.5
m,p-Xylenes	ND	4.5
o-Xylene	ND	4.5
Styrene	ND	4.5
Bromoform	ND	4.5
Isopropylbenzene	ND	4.5
1,1,2,2-Tetrachloroethane	ND	4.5
1,2,3-Trichloropropane	ND	4.5
Propylbenzene	ND	4.5
Bromobenzene	ND	4.5
1,3,5-Trimethylbenzene	ND	4.5
2-Chlorotoluene	ND	4.5
4-Chlorotoluene	ND	4.5
tert-Butylbenzene	ND	4.5
1,2,4-Trimethylbenzene	ND	4.5
sec-Butylbenzene	ND	4.5
para-Isopropyl Toluene	ND	4.5
1,3-Dichlorobenzene	ND	4.5
1,4-Dichlorobenzene	ND	4.5
n-Butylbenzene	ND	4.5
1,2-Dichlorobenzene	ND	4.5
1,2-Dibromo-3-Chloropropane	ND	4.5
1,2,4-Trichlorobenzene	ND	4.5
Hexachlorobutadiene	ND	4.5
Naphthalene	ND	4.5
1,2,3-Trichlorobenzene	ND	4.5

Surrogate	%REC	Limits
Dibromofluoromethane	118	76-128
1,2-Dichloroethane-d4	101	80-137
Toluene-d8	97	80-120
Bromofluorobenzene	111	79-128

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Field ID:	SP1 C-6'	Diln Fac:	0.9615
Lab ID:	258353-003	Batch#:	212540
Matrix:	Soil	Sampled:	06/18/14
Units:	ug/Kg	Received:	06/20/14
Basis:	as received	Analyzed:	06/24/14

Analyte	Result	RL
Freon 12	ND	9.6
Chloromethane	ND	9.6
Vinyl Chloride	ND	9.6
Bromomethane	ND	9.6
Chloroethane	ND	9.6
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.6
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.6
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.6
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Field ID:	SP1 C-6'	Diln Fac:	0.9615
Lab ID:	258353-003	Batch#:	212540
Matrix:	Soil	Sampled:	06/18/14
Units:	ug/Kg	Received:	06/20/14
Basis:	as received	Analyzed:	06/24/14

Analyte	Result	RL
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	120	76-128
1,2-Dichloroethane-d4	102	80-137
Toluene-d8	96	80-120
Bromofluorobenzene	112	79-128

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Field ID:	SP1 D-2'	Diln Fac:	0.9208
Lab ID:	258353-004	Batch#:	212540
Matrix:	Soil	Sampled:	06/18/14
Units:	ug/Kg	Received:	06/20/14
Basis:	as received	Analyzed:	06/24/14

Analyte	Result	RL
Freon 12	ND	9.2
Chloromethane	ND	9.2
Vinyl Chloride	ND	9.2
Bromomethane	ND	9.2
Chloroethane	ND	9.2
Trichlorofluoromethane	ND	4.6
Acetone	ND	18
Freon 113	ND	4.6
1,1-Dichloroethene	ND	4.6
Methylene Chloride	ND	18
Carbon Disulfide	ND	4.6
MTBE	ND	4.6
trans-1,2-Dichloroethene	ND	4.6
Vinyl Acetate	ND	46
1,1-Dichloroethane	ND	4.6
2-Butanone	ND	9.2
cis-1,2-Dichloroethene	ND	4.6
2,2-Dichloropropane	ND	4.6
Chloroform	ND	4.6
Bromochloromethane	ND	4.6
1,1,1-Trichloroethane	ND	4.6
1,1-Dichloropropene	ND	4.6
Carbon Tetrachloride	ND	4.6
1,2-Dichloroethane	ND	4.6
Benzene	ND	4.6
Trichloroethene	ND	4.6
1,2-Dichloropropane	ND	4.6
Bromodichloromethane	ND	4.6
Dibromomethane	ND	4.6
4-Methyl-2-Pentanone	ND	9.2
cis-1,3-Dichloropropene	ND	4.6
Toluene	ND	4.6
trans-1,3-Dichloropropene	ND	4.6
1,1,2-Trichloroethane	ND	4.6
2-Hexanone	ND	9.2
1,3-Dichloropropane	ND	4.6
Tetrachloroethene	ND	4.6

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Field ID:	SP1 D-2'	Diln Fac:	0.9208
Lab ID:	258353-004	Batch#:	212540
Matrix:	Soil	Sampled:	06/18/14
Units:	ug/Kg	Received:	06/20/14
Basis:	as received	Analyzed:	06/24/14

Analyte	Result	RL
Dibromochloromethane	ND	4.6
1,2-Dibromoethane	ND	4.6
Chlorobenzene	ND	4.6
1,1,1,2-Tetrachloroethane	ND	4.6
Ethylbenzene	ND	4.6
m,p-Xylenes	ND	4.6
o-Xylene	ND	4.6
Styrene	ND	4.6
Bromoform	ND	4.6
Isopropylbenzene	ND	4.6
1,1,2,2-Tetrachloroethane	ND	4.6
1,2,3-Trichloropropane	ND	4.6
Propylbenzene	ND	4.6
Bromobenzene	ND	4.6
1,3,5-Trimethylbenzene	ND	4.6
2-Chlorotoluene	ND	4.6
4-Chlorotoluene	ND	4.6
tert-Butylbenzene	ND	4.6
1,2,4-Trimethylbenzene	ND	4.6
sec-Butylbenzene	ND	4.6
para-Isopropyl Toluene	ND	4.6
1,3-Dichlorobenzene	ND	4.6
1,4-Dichlorobenzene	ND	4.6
n-Butylbenzene	ND	4.6
1,2-Dichlorobenzene	ND	4.6
1,2-Dibromo-3-Chloropropane	ND	4.6
1,2,4-Trichlorobenzene	ND	4.6
Hexachlorobutadiene	ND	4.6
Naphthalene	ND	4.6
1,2,3-Trichlorobenzene	ND	4.6

Surrogate	%REC	Limits
Dibromofluoromethane	120	76-128
1,2-Dichloroethane-d4	103	80-137
Toluene-d8	98	80-120
Bromofluorobenzene	109	79-128

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Field ID:	SP1 E-3'	Diln Fac:	0.9363
Lab ID:	258353-005	Batch#:	212540
Matrix:	Soil	Sampled:	06/18/14
Units:	ug/Kg	Received:	06/20/14
Basis:	as received	Analyzed:	06/24/14

Analyte	Result	RL
Freon 12	ND	9.4
Chloromethane	ND	9.4
Vinyl Chloride	ND	9.4
Bromomethane	ND	9.4
Chloroethane	ND	9.4
Trichlorofluoromethane	ND	4.7
Acetone	ND	19
Freon 113	ND	4.7
1,1-Dichloroethene	ND	4.7
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.7
MTBE	ND	4.7
trans-1,2-Dichloroethene	ND	4.7
Vinyl Acetate	ND	47
1,1-Dichloroethane	ND	4.7
2-Butanone	ND	9.4
cis-1,2-Dichloroethene	ND	4.7
2,2-Dichloropropane	ND	4.7
Chloroform	ND	4.7
Bromochloromethane	ND	4.7
1,1,1-Trichloroethane	ND	4.7
1,1-Dichloropropene	ND	4.7
Carbon Tetrachloride	ND	4.7
1,2-Dichloroethane	ND	4.7
Benzene	ND	4.7
Trichloroethene	ND	4.7
1,2-Dichloropropane	ND	4.7
Bromodichloromethane	ND	4.7
Dibromomethane	ND	4.7
4-Methyl-2-Pentanone	ND	9.4
cis-1,3-Dichloropropene	ND	4.7
Toluene	ND	4.7
trans-1,3-Dichloropropene	ND	4.7
1,1,2-Trichloroethane	ND	4.7
2-Hexanone	ND	9.4
1,3-Dichloropropane	ND	4.7
Tetrachloroethene	ND	4.7

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Field ID:	SP1 E-3'	Diln Fac:	0.9363
Lab ID:	258353-005	Batch#:	212540
Matrix:	Soil	Sampled:	06/18/14
Units:	ug/Kg	Received:	06/20/14
Basis:	as received	Analyzed:	06/24/14

Analyte	Result	RL
Dibromochloromethane	ND	4.7
1,2-Dibromoethane	ND	4.7
Chlorobenzene	ND	4.7
1,1,1,2-Tetrachloroethane	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7
Styrene	ND	4.7
Bromoform	ND	4.7
Isopropylbenzene	ND	4.7
1,1,2,2-Tetrachloroethane	ND	4.7
1,2,3-Trichloropropane	ND	4.7
Propylbenzene	ND	4.7
Bromobenzene	ND	4.7
1,3,5-Trimethylbenzene	ND	4.7
2-Chlorotoluene	ND	4.7
4-Chlorotoluene	ND	4.7
tert-Butylbenzene	ND	4.7
1,2,4-Trimethylbenzene	ND	4.7
sec-Butylbenzene	ND	4.7
para-Isopropyl Toluene	ND	4.7
1,3-Dichlorobenzene	ND	4.7
1,4-Dichlorobenzene	ND	4.7
n-Butylbenzene	ND	4.7
1,2-Dichlorobenzene	ND	4.7
1,2-Dibromo-3-Chloropropane	ND	4.7
1,2,4-Trichlorobenzene	ND	4.7
Hexachlorobutadiene	ND	4.7
Naphthalene	ND	4.7
1,2,3-Trichlorobenzene	ND	4.7

Surrogate	%REC	Limits
Dibromofluoromethane	119	76-128
1,2-Dichloroethane-d4	98	80-137
Toluene-d8	97	80-120
Bromofluorobenzene	108	79-128

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Field ID:	SP1 F-6"	Diln Fac:	0.9843
Lab ID:	258353-006	Batch#:	212540
Matrix:	Soil	Sampled:	06/18/14
Units:	ug/Kg	Received:	06/20/14
Basis:	as received	Analyzed:	06/24/14

Analyte	Result	RL
Freon 12	ND	9.8
Chloromethane	ND	9.8
Vinyl Chloride	ND	9.8
Bromomethane	ND	9.8
Chloroethane	ND	9.8
Trichlorofluoromethane	ND	4.9
Acetone	ND	20
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	20
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.8
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.8
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.8
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Field ID:	SP1 F-6"	Diln Fac:	0.9843
Lab ID:	258353-006	Batch#:	212540
Matrix:	Soil	Sampled:	06/18/14
Units:	ug/Kg	Received:	06/20/14
Basis:	as received	Analyzed:	06/24/14

Analyte	Result	RL
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	ND	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	118	76-128
1,2-Dichloroethane-d4	100	80-137
Toluene-d8	99	80-120
Bromofluorobenzene	110	79-128

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Field ID:	SP1 G-1'	Diln Fac:	0.9542
Lab ID:	258353-007	Batch#:	212540
Matrix:	Soil	Sampled:	06/18/14
Units:	ug/Kg	Received:	06/20/14
Basis:	as received	Analyzed:	06/24/14

Analyte	Result	RL
Freon 12	ND	9.5
Chloromethane	ND	9.5
Vinyl Chloride	ND	9.5
Bromomethane	ND	9.5
Chloroethane	ND	9.5
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.5
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.5
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.5
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Field ID:	SP1 G-1'	Diln Fac:	0.9542
Lab ID:	258353-007	Batch#:	212540
Matrix:	Soil	Sampled:	06/18/14
Units:	ug/Kg	Received:	06/20/14
Basis:	as received	Analyzed:	06/24/14

Analyte	Result	RL
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	122	76-128
1,2-Dichloroethane-d4	101	80-137
Toluene-d8	96	80-120
Bromofluorobenzene	112	79-128

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Field ID:	SP1 H-7'	Diln Fac:	0.9242
Lab ID:	258353-008	Batch#:	212540
Matrix:	Soil	Sampled:	06/18/14
Units:	ug/Kg	Received:	06/20/14
Basis:	as received	Analyzed:	06/24/14

Analyte	Result	RL
Freon 12	ND	9.2
Chloromethane	ND	9.2
Vinyl Chloride	ND	9.2
Bromomethane	ND	9.2
Chloroethane	ND	9.2
Trichlorofluoromethane	ND	4.6
Acetone	ND	18
Freon 113	ND	4.6
1,1-Dichloroethene	ND	4.6
Methylene Chloride	ND	18
Carbon Disulfide	ND	4.6
MTBE	ND	4.6
trans-1,2-Dichloroethene	ND	4.6
Vinyl Acetate	ND	46
1,1-Dichloroethane	ND	4.6
2-Butanone	ND	9.2
cis-1,2-Dichloroethene	ND	4.6
2,2-Dichloropropane	ND	4.6
Chloroform	ND	4.6
Bromochloromethane	ND	4.6
1,1,1-Trichloroethane	ND	4.6
1,1-Dichloropropene	ND	4.6
Carbon Tetrachloride	ND	4.6
1,2-Dichloroethane	ND	4.6
Benzene	ND	4.6
Trichloroethene	ND	4.6
1,2-Dichloropropane	ND	4.6
Bromodichloromethane	ND	4.6
Dibromomethane	ND	4.6
4-Methyl-2-Pentanone	ND	9.2
cis-1,3-Dichloropropene	ND	4.6
Toluene	ND	4.6
trans-1,3-Dichloropropene	ND	4.6
1,1,2-Trichloroethane	ND	4.6
2-Hexanone	ND	9.2
1,3-Dichloropropane	ND	4.6
Tetrachloroethene	ND	4.6

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Field ID:	SP1 H-7'	Diln Fac:	0.9242
Lab ID:	258353-008	Batch#:	212540
Matrix:	Soil	Sampled:	06/18/14
Units:	ug/Kg	Received:	06/20/14
Basis:	as received	Analyzed:	06/24/14

Analyte	Result	RL
Dibromochloromethane	ND	4.6
1,2-Dibromoethane	ND	4.6
Chlorobenzene	ND	4.6
1,1,1,2-Tetrachloroethane	ND	4.6
Ethylbenzene	ND	4.6
m,p-Xylenes	ND	4.6
o-Xylene	ND	4.6
Styrene	ND	4.6
Bromoform	ND	4.6
Isopropylbenzene	ND	4.6
1,1,2,2-Tetrachloroethane	ND	4.6
1,2,3-Trichloropropane	ND	4.6
Propylbenzene	ND	4.6
Bromobenzene	ND	4.6
1,3,5-Trimethylbenzene	ND	4.6
2-Chlorotoluene	ND	4.6
4-Chlorotoluene	ND	4.6
tert-Butylbenzene	ND	4.6
1,2,4-Trimethylbenzene	ND	4.6
sec-Butylbenzene	ND	4.6
para-Isopropyl Toluene	ND	4.6
1,3-Dichlorobenzene	ND	4.6
1,4-Dichlorobenzene	ND	4.6
n-Butylbenzene	ND	4.6
1,2-Dichlorobenzene	ND	4.6
1,2-Dibromo-3-Chloropropane	ND	4.6
1,2,4-Trichlorobenzene	ND	4.6
Hexachlorobutadiene	ND	4.6
Naphthalene	ND	4.6
1,2,3-Trichlorobenzene	ND	4.6

Surrogate	%REC	Limits
Dibromofluoromethane	123	76-128
1,2-Dichloroethane-d4	105	80-137
Toluene-d8	95	80-120
Bromofluorobenzene	109	79-128

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Field ID:	SP1 I-1.5'	Diln Fac:	0.9823
Lab ID:	258353-009	Batch#:	212540
Matrix:	Soil	Sampled:	06/18/14
Units:	ug/Kg	Received:	06/20/14
Basis:	as received	Analyzed:	06/24/14

Analyte	Result	RL
Freon 12	ND	9.8
Chloromethane	ND	9.8
Vinyl Chloride	ND	9.8
Bromomethane	ND	9.8
Chloroethane	ND	9.8
Trichlorofluoromethane	ND	4.9
Acetone	ND	20
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	20
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.8
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.8
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.8
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Field ID:	SP1 I-1.5'	Diln Fac:	0.9823
Lab ID:	258353-009	Batch#:	212540
Matrix:	Soil	Sampled:	06/18/14
Units:	ug/Kg	Received:	06/20/14
Basis:	as received	Analyzed:	06/24/14

Analyte	Result	RL
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	ND	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	120	76-128
1,2-Dichloroethane-d4	102	80-137
Toluene-d8	96	80-120
Bromofluorobenzene	109	79-128

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Field ID:	SP1 J-3"	Diln Fac:	0.9470
Lab ID:	258353-010	Batch#:	212540
Matrix:	Soil	Sampled:	06/18/14
Units:	ug/Kg	Received:	06/20/14
Basis:	as received	Analyzed:	06/24/14

Analyte	Result	RL
Freon 12	ND	9.5
Chloromethane	ND	9.5
Vinyl Chloride	ND	9.5
Bromomethane	ND	9.5
Chloroethane	ND	9.5
Trichlorofluoromethane	ND	4.7
Acetone	ND	19
Freon 113	ND	4.7
1,1-Dichloroethene	ND	4.7
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.7
MTBE	ND	4.7
trans-1,2-Dichloroethene	ND	4.7
Vinyl Acetate	ND	47
1,1-Dichloroethane	ND	4.7
2-Butanone	ND	9.5
cis-1,2-Dichloroethene	ND	4.7
2,2-Dichloropropane	ND	4.7
Chloroform	ND	4.7
Bromochloromethane	ND	4.7
1,1,1-Trichloroethane	ND	4.7
1,1-Dichloropropene	ND	4.7
Carbon Tetrachloride	ND	4.7
1,2-Dichloroethane	ND	4.7
Benzene	ND	4.7
Trichloroethene	ND	4.7
1,2-Dichloropropane	ND	4.7
Bromodichloromethane	ND	4.7
Dibromomethane	ND	4.7
4-Methyl-2-Pentanone	ND	9.5
cis-1,3-Dichloropropene	ND	4.7
Toluene	ND	4.7
trans-1,3-Dichloropropene	ND	4.7
1,1,2-Trichloroethane	ND	4.7
2-Hexanone	ND	9.5
1,3-Dichloropropane	ND	4.7
Tetrachloroethene	ND	4.7

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Field ID:	SP1 J-3"	Diln Fac:	0.9470
Lab ID:	258353-010	Batch#:	212540
Matrix:	Soil	Sampled:	06/18/14
Units:	ug/Kg	Received:	06/20/14
Basis:	as received	Analyzed:	06/24/14

Analyte	Result	RL
Dibromochloromethane	ND	4.7
1,2-Dibromoethane	ND	4.7
Chlorobenzene	ND	4.7
1,1,1,2-Tetrachloroethane	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7
Styrene	ND	4.7
Bromoform	ND	4.7
Isopropylbenzene	ND	4.7
1,1,2,2-Tetrachloroethane	ND	4.7
1,2,3-Trichloropropane	ND	4.7
Propylbenzene	ND	4.7
Bromobenzene	ND	4.7
1,3,5-Trimethylbenzene	ND	4.7
2-Chlorotoluene	ND	4.7
4-Chlorotoluene	ND	4.7
tert-Butylbenzene	ND	4.7
1,2,4-Trimethylbenzene	ND	4.7
sec-Butylbenzene	ND	4.7
para-Isopropyl Toluene	ND	4.7
1,3-Dichlorobenzene	ND	4.7
1,4-Dichlorobenzene	ND	4.7
n-Butylbenzene	ND	4.7
1,2-Dichlorobenzene	ND	4.7
1,2-Dibromo-3-Chloropropane	ND	4.7
1,2,4-Trichlorobenzene	ND	4.7
Hexachlorobutadiene	ND	4.7
Naphthalene	ND	4.7
1,2,3-Trichlorobenzene	ND	4.7

Surrogate	%REC	Limits
Dibromofluoromethane	119	76-128
1,2-Dichloroethane-d4	101	80-137
Toluene-d8	97	80-120
Bromofluorobenzene	111	79-128

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Field ID:	SP1 K-2'	Diln Fac:	0.9766
Lab ID:	258353-011	Batch#:	212540
Matrix:	Soil	Sampled:	06/18/14
Units:	ug/Kg	Received:	06/20/14
Basis:	as received	Analyzed:	06/24/14

Analyte	Result	RL
Freon 12	ND	9.8
Chloromethane	ND	9.8
Vinyl Chloride	ND	9.8
Bromomethane	ND	9.8
Chloroethane	ND	9.8
Trichlorofluoromethane	ND	4.9
Acetone	ND	20
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	20
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.8
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.8
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.8
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Field ID:	SP1 K-2'	Diln Fac:	0.9766
Lab ID:	258353-011	Batch#:	212540
Matrix:	Soil	Sampled:	06/18/14
Units:	ug/Kg	Received:	06/20/14
Basis:	as received	Analyzed:	06/24/14

Analyte	Result	RL
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	ND	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	121	76-128
1,2-Dichloroethane-d4	103	80-137
Toluene-d8	98	80-120
Bromofluorobenzene	106	79-128

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Field ID:	SP1 L-2'	Diln Fac:	0.9107
Lab ID:	258353-012	Batch#:	212540
Matrix:	Soil	Sampled:	06/18/14
Units:	ug/Kg	Received:	06/20/14
Basis:	as received	Analyzed:	06/24/14

Analyte	Result	RL
Freon 12	ND	9.1
Chloromethane	ND	9.1
Vinyl Chloride	ND	9.1
Bromomethane	ND	9.1
Chloroethane	ND	9.1
Trichlorofluoromethane	ND	4.6
Acetone	ND	18
Freon 113	ND	4.6
1,1-Dichloroethene	ND	4.6
Methylene Chloride	ND	18
Carbon Disulfide	ND	4.6
MTBE	ND	4.6
trans-1,2-Dichloroethene	ND	4.6
Vinyl Acetate	ND	46
1,1-Dichloroethane	ND	4.6
2-Butanone	ND	9.1
cis-1,2-Dichloroethene	ND	4.6
2,2-Dichloropropane	ND	4.6
Chloroform	ND	4.6
Bromochloromethane	ND	4.6
1,1,1-Trichloroethane	ND	4.6
1,1-Dichloropropene	ND	4.6
Carbon Tetrachloride	ND	4.6
1,2-Dichloroethane	ND	4.6
Benzene	ND	4.6
Trichloroethene	ND	4.6
1,2-Dichloropropane	ND	4.6
Bromodichloromethane	ND	4.6
Dibromomethane	ND	4.6
4-Methyl-2-Pentanone	ND	9.1
cis-1,3-Dichloropropene	ND	4.6
Toluene	ND	4.6
trans-1,3-Dichloropropene	ND	4.6
1,1,2-Trichloroethane	ND	4.6
2-Hexanone	ND	9.1
1,3-Dichloropropane	ND	4.6
Tetrachloroethene	ND	4.6

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Field ID:	SP1 L-2'	Diln Fac:	0.9107
Lab ID:	258353-012	Batch#:	212540
Matrix:	Soil	Sampled:	06/18/14
Units:	ug/Kg	Received:	06/20/14
Basis:	as received	Analyzed:	06/24/14

Analyte	Result	RL
Dibromochloromethane	ND	4.6
1,2-Dibromoethane	ND	4.6
Chlorobenzene	ND	4.6
1,1,1,2-Tetrachloroethane	ND	4.6
Ethylbenzene	ND	4.6
m,p-Xylenes	ND	4.6
o-Xylene	ND	4.6
Styrene	ND	4.6
Bromoform	ND	4.6
Isopropylbenzene	ND	4.6
1,1,2,2-Tetrachloroethane	ND	4.6
1,2,3-Trichloropropane	ND	4.6
Propylbenzene	ND	4.6
Bromobenzene	ND	4.6
1,3,5-Trimethylbenzene	ND	4.6
2-Chlorotoluene	ND	4.6
4-Chlorotoluene	ND	4.6
tert-Butylbenzene	ND	4.6
1,2,4-Trimethylbenzene	ND	4.6
sec-Butylbenzene	ND	4.6
para-Isopropyl Toluene	ND	4.6
1,3-Dichlorobenzene	ND	4.6
1,4-Dichlorobenzene	ND	4.6
n-Butylbenzene	ND	4.6
1,2-Dichlorobenzene	ND	4.6
1,2-Dibromo-3-Chloropropane	ND	4.6
1,2,4-Trichlorobenzene	ND	4.6
Hexachlorobutadiene	ND	4.6
Naphthalene	ND	4.6
1,2,3-Trichlorobenzene	ND	4.6

Surrogate	%REC	Limits
Dibromofluoromethane	122	76-128
1,2-Dichloroethane-d4	104	80-137
Toluene-d8	95	80-120
Bromofluorobenzene	111	79-128

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Field ID:	SP2 A-1'	Diln Fac:	0.9434
Lab ID:	258353-013	Batch#:	212600
Matrix:	Soil	Sampled:	06/18/14
Units:	ug/Kg	Received:	06/20/14
Basis:	as received	Analyzed:	06/25/14

Analyte	Result	RL
Freon 12	ND	9.4
Chloromethane	ND	9.4
Vinyl Chloride	ND	9.4
Bromomethane	ND	9.4
Chloroethane	ND	9.4
Trichlorofluoromethane	ND	4.7
Acetone	ND	19
Freon 113	ND	4.7
1,1-Dichloroethene	ND	4.7
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.7
MTBE	ND	4.7
trans-1,2-Dichloroethene	ND	4.7
Vinyl Acetate	ND	47
1,1-Dichloroethane	ND	4.7
2-Butanone	ND	9.4
cis-1,2-Dichloroethene	ND	4.7
2,2-Dichloropropane	ND	4.7
Chloroform	ND	4.7
Bromochloromethane	ND	4.7
1,1,1-Trichloroethane	ND	4.7
1,1-Dichloropropene	ND	4.7
Carbon Tetrachloride	ND	4.7
1,2-Dichloroethane	ND	4.7
Benzene	ND	4.7
Trichloroethene	ND	4.7
1,2-Dichloropropane	ND	4.7
Bromodichloromethane	ND	4.7
Dibromomethane	ND	4.7
4-Methyl-2-Pentanone	ND	9.4
cis-1,3-Dichloropropene	ND	4.7
Toluene	ND	4.7
trans-1,3-Dichloropropene	ND	4.7
1,1,2-Trichloroethane	ND	4.7
2-Hexanone	ND	9.4
1,3-Dichloropropane	ND	4.7
Tetrachloroethene	ND	4.7

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Field ID:	SP2 A-1'	Diln Fac:	0.9434
Lab ID:	258353-013	Batch#:	212600
Matrix:	Soil	Sampled:	06/18/14
Units:	ug/Kg	Received:	06/20/14
Basis:	as received	Analyzed:	06/25/14

Analyte	Result	RL
Dibromochloromethane	ND	4.7
1,2-Dibromoethane	ND	4.7
Chlorobenzene	ND	4.7
1,1,1,2-Tetrachloroethane	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7
Styrene	ND	4.7
Bromoform	ND	4.7
Isopropylbenzene	ND	4.7
1,1,2,2-Tetrachloroethane	ND	4.7
1,2,3-Trichloropropane	ND	4.7
Propylbenzene	ND	4.7
Bromobenzene	ND	4.7
1,3,5-Trimethylbenzene	ND	4.7
2-Chlorotoluene	ND	4.7
4-Chlorotoluene	ND	4.7
tert-Butylbenzene	ND	4.7
1,2,4-Trimethylbenzene	ND	4.7
sec-Butylbenzene	ND	4.7
para-Isopropyl Toluene	ND	4.7
1,3-Dichlorobenzene	ND	4.7
1,4-Dichlorobenzene	ND	4.7
n-Butylbenzene	ND	4.7
1,2-Dichlorobenzene	ND	4.7
1,2-Dibromo-3-Chloropropane	ND	4.7
1,2,4-Trichlorobenzene	ND	4.7
Hexachlorobutadiene	ND	4.7
Naphthalene	ND	4.7
1,2,3-Trichlorobenzene	ND	4.7

Surrogate	%REC	Limits
Dibromofluoromethane	108	76-128
1,2-Dichloroethane-d4	116	80-137
Toluene-d8	96	80-120
Bromofluorobenzene	86	79-128

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Field ID:	SP2 B-6"	Diln Fac:	0.9690
Lab ID:	258353-014	Batch#:	212540
Matrix:	Soil	Sampled:	06/18/14
Units:	ug/Kg	Received:	06/20/14
Basis:	as received	Analyzed:	06/24/14

Analyte	Result	RL
Freon 12	ND	9.7
Chloromethane	ND	9.7
Vinyl Chloride	ND	9.7
Bromomethane	ND	9.7
Chloroethane	ND	9.7
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.7
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.7
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.7
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Field ID:	SP2 B-6"	Diln Fac:	0.9690
Lab ID:	258353-014	Batch#:	212540
Matrix:	Soil	Sampled:	06/18/14
Units:	ug/Kg	Received:	06/20/14
Basis:	as received	Analyzed:	06/24/14

Analyte	Result	RL
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	117	76-128
1,2-Dichloroethane-d4	100	80-137
Toluene-d8	97	80-120
Bromofluorobenzene	119	79-128

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Matrix:	Soil	Batch#:	212540
Units:	ug/Kg	Analyzed:	06/24/14
Diln Fac:	1.000		

Type: BS Lab ID: QC746243

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	27.44	110	68-135
Benzene	25.00	25.47	102	80-127
Trichloroethene	25.00	25.39	102	77-129
Toluene	25.00	26.20	105	79-125
Chlorobenzene	25.00	27.64	111	78-120

Surrogate	%REC	Limits
Dibromofluoromethane	116	76-128
1,2-Dichloroethane-d4	95	80-137
Toluene-d8	98	80-120
Bromofluorobenzene	107	79-128

Type: BSD Lab ID: QC746244

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	28.65	115	68-135	4	35
Benzene	25.00	26.78	107	80-127	5	20
Trichloroethene	25.00	27.40	110	77-129	8	20
Toluene	25.00	28.30	113	79-125	8	23
Chlorobenzene	25.00	29.18	117	78-120	5	20

Surrogate	%REC	Limits
Dibromofluoromethane	111	76-128
1,2-Dichloroethane-d4	93	80-137
Toluene-d8	101	80-120
Bromofluorobenzene	107	79-128

RPD= Relative Percent Difference

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC746245	Batch#:	212540
Matrix:	Soil	Analyzed:	06/24/14
Units:	ug/Kg		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC746245	Batch#:	212540
Matrix:	Soil	Analyzed:	06/24/14
Units:	ug/Kg		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	117	76-128
1,2-Dichloroethane-d4	96	80-137
Toluene-d8	96	80-120
Bromofluorobenzene	108	79-128

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Field ID:	SP2 B-6"	Batch#:	212540
MSS Lab ID:	258353-014	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Analyzed:	06/24/14
Basis:	as received		

Type: MS Diln Fac: 0.9276
 Lab ID: QC746381

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.5727	46.38	53.07	114	46-138
Benzene	<0.5919	46.38	46.33	100	51-125
Trichloroethene	<0.7984	46.38	46.44	100	41-146
Toluene	<0.2519	46.38	44.47	96	45-123
Chlorobenzene	<0.4179	46.38	43.09	93	39-120

Surrogate	%REC	Limits
Dibromofluoromethane	117	76-128
1,2-Dichloroethane-d4	99	80-137
Toluene-d8	98	80-120
Bromofluorobenzene	104	79-128

Type: MSD Diln Fac: 0.9728
 Lab ID: QC746382

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	48.64	50.12	103	46-138	10	51
Benzene	48.64	42.36	87	51-125	14	46
Trichloroethene	48.64	42.02	86	41-146	15	55
Toluene	48.64	39.81	82	45-123	16	59
Chlorobenzene	48.64	38.93	80	39-120	15	54

Surrogate	%REC	Limits
Dibromofluoromethane	120	76-128
1,2-Dichloroethane-d4	96	80-137
Toluene-d8	96	80-120
Bromofluorobenzene	104	79-128

RPD= Relative Percent Difference

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC746471	Batch#:	212600
Matrix:	Soil	Analyzed:	06/25/14
Units:	ug/Kg		

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	24.44	98	68-135
Benzene	25.00	25.65	103	80-127
Trichloroethene	25.00	26.27	105	77-129
Toluene	25.00	25.16	101	79-125
Chlorobenzene	25.00	27.47	110	78-120

Surrogate	%REC	Limits
Dibromofluoromethane	97	76-128
1,2-Dichloroethane-d4	113	80-137
Toluene-d8	97	80-120
Bromofluorobenzene	88	79-128

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC746472	Batch#:	212600
Matrix:	Soil	Analyzed:	06/25/14
Units:	ug/Kg		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC746472	Batch#:	212600
Matrix:	Soil	Analyzed:	06/25/14
Units:	ug/Kg		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	106	76-128
1,2-Dichloroethane-d4	112	80-137
Toluene-d8	97	80-120
Bromofluorobenzene	85	79-128

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 5030B
Project#:	942	Analysis:	EPA 8260B
Field ID:	SB1-5	Batch#:	212600
MSS Lab ID:	258357-001	Sampled:	06/19/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Analyzed:	06/25/14
Basis:	as received		

Type: MS Diln Fac: 0.9542
 Lab ID: QC746520

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.5858	47.71	44.11	92	46-138
Benzene	<0.6825	47.71	44.40	93	51-125
Trichloroethene	<0.7108	47.71	45.71	96	41-146
Toluene	<0.7476	47.71	41.94	88	45-123
Chlorobenzene	<0.6128	47.71	43.73	92	39-120

Surrogate	%REC	Limits
Dibromofluoromethane	99	76-128
1,2-Dichloroethane-d4	118	80-137
Toluene-d8	95	80-120
Bromofluorobenzene	85	79-128

Type: MSD Diln Fac: 0.9634
 Lab ID: QC746521

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	48.17	45.62	95	46-138	2	51
Benzene	48.17	44.90	93	51-125	0	46
Trichloroethene	48.17	46.60	97	41-146	1	55
Toluene	48.17	43.00	89	45-123	2	59
Chlorobenzene	48.17	44.09	92	39-120	0	54

Surrogate	%REC	Limits
Dibromofluoromethane	97	76-128
1,2-Dichloroethane-d4	115	80-137
Toluene-d8	96	80-120
Bromofluorobenzene	85	79-128

RPD= Relative Percent Difference

Semivolatile Organics by GC/MS SIM

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	SP1 A-3'	Batch#:	212639
Lab ID:	258353-001	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.0
Acenaphthylene	ND	5.0
Acenaphthene	ND	5.0
Fluorene	ND	5.0
Phenanthrene	ND	5.0
Anthracene	ND	5.0
Fluoranthene	5.9	5.0
Pyrene	ND	5.0
Benzo(a)anthracene	ND	5.0
Chrysene	ND	5.0
Benzo(b)fluoranthene	5.7	5.0
Benzo(k)fluoranthene	ND	5.0
Benzo(a)pyrene	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0

Surrogate	%REC	Limits
Nitrobenzene-d5	67	46-120
2-Fluorobiphenyl	71	52-120
Terphenyl-d14	71	54-132

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	SP1 B-6"	Batch#:	212639
Lab ID:	258353-002	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/30/14
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.0
Acenaphthylene	ND	5.0
Acenaphthene	ND	5.0
Fluorene	ND	5.0
Phenanthrene	ND	5.0
Anthracene	ND	5.0
Fluoranthene	7.3	5.0
Pyrene	5.2	5.0
Benzo(a)anthracene	ND	5.0
Chrysene	9.0	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzo(a)pyrene	5.2	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Benzo(g,h,i)perylene	6.0	5.0

Surrogate	%REC	Limits
Nitrobenzene-d5	85	46-120
2-Fluorobiphenyl	82	52-120
Terphenyl-d14	77	54-132

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	SP1 C-6'	Batch#:	212639
Lab ID:	258353-003	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.0
Acenaphthylene	ND	5.0
Acenaphthene	ND	5.0
Fluorene	ND	5.0
Phenanthrene	ND	5.0
Anthracene	ND	5.0
Fluoranthene	5.5	5.0
Pyrene	ND	5.0
Benzo(a)anthracene	ND	5.0
Chrysene	ND	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzo(a)pyrene	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0

Surrogate	%REC	Limits
Nitrobenzene-d5	68	46-120
2-Fluorobiphenyl	69	52-120
Terphenyl-d14	72	54-132

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	SP1 D-2'	Batch#:	212639
Lab ID:	258353-004	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	2.000		

Analyte	Result	RL
Naphthalene	ND	10
Acenaphthylene	ND	10
Acenaphthene	ND	10
Fluorene	ND	10
Phenanthrene	ND	10
Anthracene	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Benzo(a)anthracene	ND	10
Chrysene	ND	10
Benzo(b)fluoranthene	ND	10
Benzo(k)fluoranthene	ND	10
Benzo(a)pyrene	11	10
Indeno(1,2,3-cd)pyrene	ND	10
Dibenz(a,h)anthracene	ND	10
Benzo(g,h,i)perylene	ND	10

Surrogate	%REC	Limits
Nitrobenzene-d5	94	46-120
2-Fluorobiphenyl	98	52-120
Terphenyl-d14	98	54-132

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	SP1 E-3'	Batch#:	212639
Lab ID:	258353-005	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.1
Acenaphthylene	ND	5.1
Acenaphthene	ND	5.1
Fluorene	ND	5.1
Phenanthrene	ND	5.1
Anthracene	ND	5.1
Fluoranthene	7.0	5.1
Pyrene	5.6	5.1
Benzo(a)anthracene	ND	5.1
Chrysene	5.2	5.1
Benzo(b)fluoranthene	ND	5.1
Benzo(k)fluoranthene	ND	5.1
Benzo(a)pyrene	ND	5.1
Indeno(1,2,3-cd)pyrene	ND	5.1
Dibenz(a,h)anthracene	ND	5.1
Benzo(g,h,i)perylene	ND	5.1

Surrogate	%REC	Limits
Nitrobenzene-d5	50	46-120
2-Fluorobiphenyl	54	52-120
Terphenyl-d14	57	54-132

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	SP1 F-6"	Batch#:	212639
Lab ID:	258353-006	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.1
Acenaphthylene	ND	5.1
Acenaphthene	ND	5.1
Fluorene	ND	5.1
Phenanthrene	5.3	5.1
Anthracene	ND	5.1
Fluoranthene	12	5.1
Pyrene	11	5.1
Benzo(a)anthracene	6.7	5.1
Chrysene	8.2	5.1
Benzo(b)fluoranthene	12	5.1
Benzo(k)fluoranthene	6.9	5.1
Benzo(a)pyrene	9.2	5.1
Indeno(1,2,3-cd)pyrene	ND	5.1
Dibenz(a,h)anthracene	ND	5.1
Benzo(g,h,i)perylene	ND	5.1

Surrogate	%REC	Limits
Nitrobenzene-d5	97	46-120
2-Fluorobiphenyl	95	52-120
Terphenyl-d14	100	54-132

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	SP1 G-1'	Batch#:	212639
Lab ID:	258353-007	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	3.000		

Analyte	Result	RL
Naphthalene	ND	15
Acenaphthylene	ND	15
Acenaphthene	ND	15
Fluorene	ND	15
Phenanthrene	ND	15
Anthracene	ND	15
Fluoranthene	ND	15
Pyrene	ND	15
Benzo(a)anthracene	ND	15
Chrysene	ND	15
Benzo(b)fluoranthene	ND	15
Benzo(k)fluoranthene	ND	15
Benzo(a)pyrene	ND	15
Indeno(1,2,3-cd)pyrene	ND	15
Dibenz(a,h)anthracene	ND	15
Benzo(g,h,i)perylene	ND	15

Surrogate	%REC	Limits
Nitrobenzene-d5	70	46-120
2-Fluorobiphenyl	89	52-120
Terphenyl-d14	85	54-132

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	SP1 H-7'	Batch#:	212639
Lab ID:	258353-008	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.0
Acenaphthylene	ND	5.0
Acenaphthene	ND	5.0
Fluorene	ND	5.0
Phenanthrene	ND	5.0
Anthracene	ND	5.0
Fluoranthene	ND	5.0
Pyrene	ND	5.0
Benzo(a)anthracene	ND	5.0
Chrysene	ND	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzo(a)pyrene	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0

Surrogate	%REC	Limits
Nitrobenzene-d5	68	46-120
2-Fluorobiphenyl	71	52-120
Terphenyl-d14	74	54-132

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	SP1 I-1.5'	Batch#:	212639
Lab ID:	258353-009	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.1
Acenaphthylene	ND	5.1
Acenaphthene	ND	5.1
Fluorene	ND	5.1
Phenanthrene	8.5	5.1
Anthracene	ND	5.1
Fluoranthene	17	5.1
Pyrene	13	5.1
Benzo(a)anthracene	8.4	5.1
Chrysene	9.9	5.1
Benzo(b)fluoranthene	ND	5.1
Benzo(k)fluoranthene	ND	5.1
Benzo(a)pyrene	8.5	5.1
Indeno(1,2,3-cd)pyrene	ND	5.1
Dibenz(a,h)anthracene	ND	5.1
Benzo(g,h,i)perylene	ND	5.1

Surrogate	%REC	Limits
Nitrobenzene-d5	75	46-120
2-Fluorobiphenyl	74	52-120
Terphenyl-d14	77	54-132

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	SP1 J-3"	Batch#:	212639
Lab ID:	258353-010	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.0
Acenaphthylene	ND	5.0
Acenaphthene	ND	5.0
Fluorene	ND	5.0
Phenanthrene	ND	5.0
Anthracene	ND	5.0
Fluoranthene	ND	5.0
Pyrene	ND	5.0
Benzo(a)anthracene	ND	5.0
Chrysene	7.8	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzo(a)pyrene	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0

Surrogate	%REC	Limits
Nitrobenzene-d5	66	46-120
2-Fluorobiphenyl	66	52-120
Terphenyl-d14	74	54-132

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	SP1 K-2'	Batch#:	212639
Lab ID:	258353-011	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	4.9
Acenaphthylene	ND	4.9
Acenaphthene	ND	4.9
Fluorene	ND	4.9
Phenanthrene	6.2	4.9
Anthracene	ND	4.9
Fluoranthene	14	4.9
Pyrene	11	4.9
Benzo(a)anthracene	7.4	4.9
Chrysene	9.1	4.9
Benzo(b)fluoranthene	ND	4.9
Benzo(k)fluoranthene	ND	4.9
Benzo(a)pyrene	7.9	4.9
Indeno(1,2,3-cd)pyrene	ND	4.9
Dibenz(a,h)anthracene	ND	4.9
Benzo(g,h,i)perylene	ND	4.9

Surrogate	%REC	Limits
Nitrobenzene-d5	75	46-120
2-Fluorobiphenyl	75	52-120
Terphenyl-d14	75	54-132

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	SP1 L-2'	Batch#:	212639
Lab ID:	258353-012	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	2.000		

Analyte	Result	RL
Naphthalene	ND	10
Acenaphthylene	ND	10
Acenaphthene	ND	10
Fluorene	ND	10
Phenanthrene	ND	10
Anthracene	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Benzo(a)anthracene	ND	10
Chrysene	ND	10
Benzo(b)fluoranthene	ND	10
Benzo(k)fluoranthene	ND	10
Benzo(a)pyrene	ND	10
Indeno(1,2,3-cd)pyrene	ND	10
Dibenz(a,h)anthracene	ND	10
Benzo(g,h,i)perylene	ND	10

Surrogate	%REC	Limits
Nitrobenzene-d5	78	46-120
2-Fluorobiphenyl	82	52-120
Terphenyl-d14	81	54-132

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	SP2 A-1'	Batch#:	212639
Lab ID:	258353-013	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	4.000		

Analyte	Result	RL
Naphthalene	ND	20
Acenaphthylene	ND	20
Acenaphthene	ND	20
Fluorene	ND	20
Phenanthrene	160	20
Anthracene	48	20
Fluoranthene	300	20
Pyrene	220	20
Benzo(a)anthracene	160	20
Chrysene	160	20
Benzo(b)fluoranthene	210	20
Benzo(k)fluoranthene	60	20
Benzo(a)pyrene	130	20
Indeno(1,2,3-cd)pyrene	51	20
Dibenz(a,h)anthracene	23	20
Benzo(g,h,i)perylene	58	20

Surrogate	%REC	Limits
Nitrobenzene-d5	64	46-120
2-Fluorobiphenyl	69	52-120
Terphenyl-d14	72	54-132

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	SP2 B-6"	Batch#:	212639
Lab ID:	258353-014	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	2.000		

Analyte	Result	RL
Naphthalene	ND	10
Acenaphthylene	ND	10
Acenaphthene	18	10
Fluorene	13	10
Phenanthrene	190	10
Anthracene	57	10
Fluoranthene	350	10
Pyrene	240	10
Benzo(a)anthracene	170	10
Chrysene	150	10
Benzo(b)fluoranthene	200	10
Benzo(k)fluoranthene	58	10
Benzo(a)pyrene	130	10
Indeno(1,2,3-cd)pyrene	50	10
Dibenz(a,h)anthracene	21	10
Benzo(g,h,i)perylene	57	10

Surrogate	%REC	Limits
Nitrobenzene-d5	71	46-120
2-Fluorobiphenyl	74	52-120
Terphenyl-d14	72	54-132

ND= Not Detected
 RL= Reporting Limit

Batch QC Report
Semivolatile Organics by GC/MS SIM

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC746648	Batch#:	212639
Matrix:	Soil	Prepared:	06/25/14
Units:	ug/Kg	Analyzed:	06/26/14

Analyte	Result	RL
Naphthalene	ND	5.0
Acenaphthylene	ND	5.0
Acenaphthene	ND	5.0
Fluorene	ND	5.0
Phenanthrene	ND	5.0
Anthracene	ND	5.0
Fluoranthene	ND	5.0
Pyrene	ND	5.0
Benzo(a)anthracene	ND	5.0
Chrysene	ND	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzo(a)pyrene	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0

Surrogate	%REC	Limits
Nitrobenzene-d5	74	46-120
2-Fluorobiphenyl	84	52-120
Terphenyl-d14	83	54-132

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Semivolatile Organics by GC/MS SIM

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC746649	Batch#:	212639
Matrix:	Soil	Prepared:	06/25/14
Units:	ug/Kg	Analyzed:	06/26/14

Analyte	Spiked	Result	%REC	Limits
Acenaphthene	32.89	26.20	80	43-120
Pyrene	32.89	23.06	70	39-120

Surrogate	%REC	Limits
Nitrobenzene-d5	73	46-120
2-Fluorobiphenyl	77	52-120
Terphenyl-d14	74	54-132

Batch QC Report

Semivolatile Organics by GC/MS SIM

Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	SP1 A-3'	Batch#:	212639
MSS Lab ID:	258353-001	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	1.000		

Type: MS Lab ID: QC746650

Analyte	MSS Result	Spiked	Result	%REC	Limits
Acenaphthene	<1.006	33.68	26.63	79	47-120
Pyrene	4.624	33.68	27.43	68	21-143

Surrogate	%REC	Limits
Nitrobenzene-d5	71	46-120
2-Fluorobiphenyl	72	52-120
Terphenyl-d14	69	54-132

Type: MSD Lab ID: QC746651

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Acenaphthene	33.18	26.38	80	47-120	1	54
Pyrene	33.18	27.08	68	21-143	0	67

Surrogate	%REC	Limits
Nitrobenzene-d5	72	46-120
2-Fluorobiphenyl	75	52-120
Terphenyl-d14	73	54-132

RPD= Relative Percent Difference

Organochlorine Pesticides			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8081A
Field ID:	SP1 A-3'	Batch#:	212640
Lab ID:	258353-001	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	5.000		

Analyte	Result	RL
alpha-BHC	ND	8.4
beta-BHC	ND	8.4
gamma-BHC	ND	8.4
delta-BHC	ND	8.4
Heptachlor	ND	8.4
Aldrin	ND	8.4
Heptachlor epoxide	ND	8.4
Endosulfan I	ND	8.4
Dieldrin	ND	8.4
4,4'-DDE	ND	16
Endrin	ND	16
Endosulfan II	ND	16
Endosulfan sulfate	ND	16
4,4'-DDD	ND	16
Endrin aldehyde	ND #	16
4,4'-DDT	ND	16
alpha-Chlordane	ND	8.4
gamma-Chlordane	ND	8.4
Methoxychlor	ND	84
Toxaphene	ND	300

Surrogate	%REC	Limits
TCMX	91	42-134
Decachlorobiphenyl	54	29-122

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

Organochlorine Pesticides			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8081A
Field ID:	SP1 B-6"	Batch#:	212640
Lab ID:	258353-002	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	5.000		

Analyte	Result	RL
alpha-BHC	ND	8.5
beta-BHC	ND	8.5
gamma-BHC	ND	8.5
delta-BHC	ND	8.5
Heptachlor	ND	8.5
Aldrin	ND	8.5
Heptachlor epoxide	ND	8.5
Endosulfan I	ND	8.5
Dieldrin	ND	8.5
4,4'-DDE	ND	16
Endrin	ND	16
Endosulfan II	ND	16
Endosulfan sulfate	ND	16
4,4'-DDD	ND	16
Endrin aldehyde	ND #	16
4,4'-DDT	ND	16
alpha-Chlordane	ND	8.5
gamma-Chlordane	ND	8.5
Methoxychlor	ND	85
Toxaphene	ND	300

Surrogate	%REC	Limits
TCMX	93	42-134
Decachlorobiphenyl	59	29-122

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

Organochlorine Pesticides			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8081A
Field ID:	SP1 C-6'	Batch#:	212640
Lab ID:	258353-003	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	5.000		

Analyte	Result	RL
alpha-BHC	ND	8.5
beta-BHC	ND	8.5
gamma-BHC	ND	8.5
delta-BHC	ND	8.5
Heptachlor	ND	8.5
Aldrin	ND	8.5
Heptachlor epoxide	ND	8.5
Endosulfan I	ND	8.5
Dieldrin	ND	8.5
4,4'-DDE	ND	16
Endrin	ND	16
Endosulfan II	ND	16
Endosulfan sulfate	ND	16
4,4'-DDD	ND	16
Endrin aldehyde	ND #	16
4,4'-DDT	ND	16
alpha-Chlordane	ND	8.5
gamma-Chlordane	ND	8.5
Methoxychlor	ND	85
Toxaphene	ND	300

Surrogate	%REC	Limits
TCMX	67	42-134
Decachlorobiphenyl	46	29-122

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

Organochlorine Pesticides			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8081A
Field ID:	SP1 D-2'	Batch#:	212640
Lab ID:	258353-004	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	5.000		

Analyte	Result	RL
alpha-BHC	ND	8.5
beta-BHC	ND	8.5
gamma-BHC	ND	8.5
delta-BHC	ND	8.5
Heptachlor	ND	8.5
Aldrin	ND	8.5
Heptachlor epoxide	ND	8.5
Endosulfan I	ND	8.5
Dieldrin	ND	8.5
4,4'-DDE	ND	16
Endrin	ND	16
Endosulfan II	ND	16
Endosulfan sulfate	ND	16
4,4'-DDD	ND	16
Endrin aldehyde	ND #	16
4,4'-DDT	ND	16
alpha-Chlordane	ND	8.5
gamma-Chlordane	ND	8.5
Methoxychlor	ND	85
Toxaphene	ND	300

Surrogate	%REC	Limits
TCMX	88	42-134
Decachlorobiphenyl	54	29-122

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

Organochlorine Pesticides			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8081A
Field ID:	SP1 E-3'	Batch#:	212640
Lab ID:	258353-005	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	5.000		

Analyte	Result	RL
alpha-BHC	ND	8.5
beta-BHC	ND	8.5
gamma-BHC	ND	8.5
delta-BHC	ND	8.5
Heptachlor	ND	8.5
Aldrin	ND	8.5
Heptachlor epoxide	ND	8.5
Endosulfan I	ND	8.5
Dieldrin	ND	8.5
4,4'-DDE	ND	16
Endrin	ND	16
Endosulfan II	ND	16
Endosulfan sulfate	ND	16
4,4'-DDD	ND	16
Endrin aldehyde	ND #	16
4,4'-DDT	ND	16
alpha-Chlordane	ND	8.5
gamma-Chlordane	ND	8.5
Methoxychlor	ND	85
Toxaphene	ND	300

Surrogate	%REC	Limits
TCMX	88	42-134
Decachlorobiphenyl	53	29-122

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

Organochlorine Pesticides			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8081A
Field ID:	SP1 F-6"	Batch#:	212640
Lab ID:	258353-006	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	5.000		

Analyte	Result	RL
alpha-BHC	ND	8.5
beta-BHC	ND	8.5
gamma-BHC	ND	8.5
delta-BHC	ND	8.5
Heptachlor	ND	8.5
Aldrin	ND	8.5
Heptachlor epoxide	ND	8.5
Endosulfan I	ND	8.5
Dieldrin	ND	8.5
4,4'-DDE	ND	16
Endrin	ND	16
Endosulfan II	ND	16
Endosulfan sulfate	ND	16
4,4'-DDD	ND	16
Endrin aldehyde	ND #	16
4,4'-DDT	ND	16
alpha-Chlordane	ND	8.5
gamma-Chlordane	ND	8.5
Methoxychlor	ND	85
Toxaphene	ND	300

Surrogate	%REC	Limits
TCMX	90	42-134
Decachlorobiphenyl	48	29-122

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

Organochlorine Pesticides			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8081A
Field ID:	SP1 G-1'	Batch#:	212640
Lab ID:	258353-007	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/27/14
Diln Fac:	5.000		

Analyte	Result	RL
alpha-BHC	ND	8.5
beta-BHC	ND	8.5
gamma-BHC	ND	8.5
delta-BHC	ND	8.5
Heptachlor	ND	8.5
Aldrin	ND	8.5
Heptachlor epoxide	ND	8.5
Endosulfan I	ND	8.5
Dieldrin	ND	8.5
4,4'-DDE	ND	16
Endrin	ND	16
Endosulfan II	ND	16
Endosulfan sulfate	ND	16
4,4'-DDD	ND	16
Endrin aldehyde	ND #	16
4,4'-DDT	ND	16
alpha-Chlordane	ND	8.5
gamma-Chlordane	ND	8.5
Methoxychlor	ND	85
Toxaphene	ND	300

Surrogate	%REC	Limits
TCMX	105	42-134
Decachlorobiphenyl	61	29-122

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

Organochlorine Pesticides			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8081A
Field ID:	SP1 H-7'	Batch#:	212640
Lab ID:	258353-008	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/27/14
Diln Fac:	5.000		

Analyte	Result	RL
alpha-BHC	ND	8.5
beta-BHC	ND	8.5
gamma-BHC	ND	8.5
delta-BHC	ND	8.5
Heptachlor	ND	8.5
Aldrin	ND	8.5
Heptachlor epoxide	ND	8.5
Endosulfan I	ND	8.5
Dieldrin	ND	8.5
4,4'-DDE	ND	16
Endrin	ND	16
Endosulfan II	ND	16
Endosulfan sulfate	ND	16
4,4'-DDD	ND	16
Endrin aldehyde	ND #	16
4,4'-DDT	ND	16
alpha-Chlordane	ND	8.5
gamma-Chlordane	ND	8.5
Methoxychlor	ND	85
Toxaphene	ND	300

Surrogate	%REC	Limits
TCMX	92	42-134
Decachlorobiphenyl	58	29-122

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

Organochlorine Pesticides			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8081A
Field ID:	SP1 I-1.5'	Batch#:	212640
Lab ID:	258353-009	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/27/14
Diln Fac:	5.000		

Analyte	Result	RL
alpha-BHC	ND	8.5
beta-BHC	ND	8.5
gamma-BHC	ND	8.5
delta-BHC	ND	8.5
Heptachlor	ND	8.5
Aldrin	ND	8.5
Heptachlor epoxide	ND	8.5
Endosulfan I	ND	8.5
Dieldrin	ND	8.5
4,4'-DDE	ND	16
Endrin	ND	16
Endosulfan II	ND	16
Endosulfan sulfate	ND	16
4,4'-DDD	ND	16
Endrin aldehyde	ND #	16
4,4'-DDT	ND	16
alpha-Chlordane	ND	8.5
gamma-Chlordane	ND	8.5
Methoxychlor	ND	85
Toxaphene	ND	300

Surrogate	%REC	Limits
TCMX	103	42-134
Decachlorobiphenyl	63	29-122

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

Organochlorine Pesticides			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8081A
Field ID:	SP1 J-3"	Batch#:	212640
Lab ID:	258353-010	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/27/14
Diln Fac:	5.000		

Analyte	Result	RL
alpha-BHC	ND	8.5
beta-BHC	ND	8.5
gamma-BHC	ND	8.5
delta-BHC	ND	8.5
Heptachlor	ND	8.5
Aldrin	ND	8.5
Heptachlor epoxide	ND	8.5
Endosulfan I	ND	8.5
Dieldrin	ND	8.5
4,4'-DDE	ND	16
Endrin	ND	16
Endosulfan II	ND	16
Endosulfan sulfate	ND	16
4,4'-DDD	ND	16
Endrin aldehyde	ND #	16
4,4'-DDT	ND	16
alpha-Chlordane	ND	8.5
gamma-Chlordane	ND	8.5
Methoxychlor	ND	85
Toxaphene	ND	300

Surrogate	%REC	Limits
TCMX	87	42-134
Decachlorobiphenyl	55	29-122

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

Organochlorine Pesticides			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8081A
Field ID:	SP1 K-2'	Batch#:	212640
Lab ID:	258353-011	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/27/14
Diln Fac:	5.000		

Analyte	Result	RL
alpha-BHC	ND	8.4
beta-BHC	ND	8.4
gamma-BHC	ND	8.4
delta-BHC	ND	8.4
Heptachlor	ND	8.4
Aldrin	ND	8.4
Heptachlor epoxide	ND	8.4
Endosulfan I	ND	8.4
Dieldrin	ND	8.4
4,4'-DDE	ND	16
Endrin	ND	16
Endosulfan II	ND	16
Endosulfan sulfate	ND	16
4,4'-DDD	ND	16
Endrin aldehyde	ND #	16
4,4'-DDT	ND	16
alpha-Chlordane	ND	8.4
gamma-Chlordane	ND	8.4
Methoxychlor	ND	84
Toxaphene	ND	300

Surrogate	%REC	Limits
TCMX	92	42-134
Decachlorobiphenyl	58	29-122

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

Organochlorine Pesticides			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8081A
Field ID:	SP1 L-2'	Batch#:	212640
Lab ID:	258353-012	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/27/14
Diln Fac:	3.000		

Analyte	Result	RL
alpha-BHC	ND	5.1
beta-BHC	ND	5.1
gamma-BHC	ND	5.1
delta-BHC	ND	5.1
Heptachlor	ND	5.1
Aldrin	ND	5.1
Heptachlor epoxide	ND	5.1
Endosulfan I	ND	5.1
Dieldrin	ND	5.1
4,4'-DDE	ND	9.9
Endrin	ND	9.9
Endosulfan II	ND	9.9
Endosulfan sulfate	ND	9.9
4,4'-DDD	ND	9.9
Endrin aldehyde	ND #	9.9
4,4'-DDT	ND	9.9
alpha-Chlordane	ND	5.1
gamma-Chlordane	ND	5.1
Methoxychlor	ND	51
Toxaphene	ND	180

Surrogate	%REC	Limits
TCMX	85	42-134
Decachlorobiphenyl	58	29-122

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

Organochlorine Pesticides			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8081A
Field ID:	SP2 A-1'	Batch#:	212640
Lab ID:	258353-013	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/27/14
Diln Fac:	5.000		

Analyte	Result	RL
alpha-BHC	ND	8.5
beta-BHC	ND	8.5
gamma-BHC	ND	8.5
delta-BHC	ND	8.5
Heptachlor	ND	8.5
Aldrin	ND	8.5
Heptachlor epoxide	ND	8.5
Endosulfan I	ND	8.5
Dieldrin	ND	8.5
4,4'-DDE	ND	16
Endrin	ND	16
Endosulfan II	ND	16
Endosulfan sulfate	ND	16
4,4'-DDD	ND	16
Endrin aldehyde	ND #	16
4,4'-DDT	ND	16
alpha-Chlordane	ND	8.5
gamma-Chlordane	ND	8.5
Methoxychlor	ND	85
Toxaphene	ND	300

Surrogate	%REC	Limits
TCMX	95	42-134
Decachlorobiphenyl	62	29-122

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

Organochlorine Pesticides			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8081A
Field ID:	SP2 B-6"	Batch#:	212640
Lab ID:	258353-014	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/27/14
Diln Fac:	5.000		

Analyte	Result	RL
alpha-BHC	ND	8.5
beta-BHC	ND	8.5
gamma-BHC	ND	8.5
delta-BHC	ND	8.5
Heptachlor	ND	8.5
Aldrin	ND	8.5
Heptachlor epoxide	ND	8.5
Endosulfan I	ND	8.5
Dieldrin	ND	8.5
4,4'-DDE	ND	16
Endrin	ND	16
Endosulfan II	ND	16
Endosulfan sulfate	ND	16
4,4'-DDD	ND	16
Endrin aldehyde	ND #	16
4,4'-DDT	ND	16
alpha-Chlordane	ND	8.5
gamma-Chlordane	ND	8.5
Methoxychlor	ND	85
Toxaphene	ND	300

Surrogate	%REC	Limits
TCMX	88	42-134
Decachlorobiphenyl	54	29-122

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

Batch QC Report

Organochlorine Pesticides			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8081A
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC746652	Batch#:	212640
Matrix:	Soil	Prepared:	06/25/14
Units:	ug/Kg	Analyzed:	06/26/14

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	1.7
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	80	42-134
Decachlorobiphenyl	46	29-122

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Organochlorine Pesticides			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8081A
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC746656	Batch#:	212640
Matrix:	Soil	Prepared:	06/25/14
Units:	ug/Kg	Analyzed:	06/26/14

Analyte	Spiked	Result	%REC	Limits
gamma-BHC	13.40	9.167	68	46-120
Heptachlor	13.40	9.841	73	41-124
Aldrin	13.40	8.701	65	48-122
Dieldrin	13.40	9.555 #	71	39-142
Endrin	13.40	8.887	66	45-138
4,4'-DDT	13.40	10.29 #	77	32-145

Surrogate	%REC	Limits
TCMX	65	42-134
Decachlorobiphenyl	42	29-122

#= CCV drift outside limits; average CCV drift within limits per method requirements

Batch QC Report

Organochlorine Pesticides			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8081A
Field ID:	SP2 B-6"	Batch#:	212640
MSS Lab ID:	258353-014	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/27/14
Diln Fac:	5.000		

Type: MS Lab ID: QC746657

Analyte	MSS Result	Spiked	Result	%REC	Limits
gamma-BHC	<1.489	13.18	11.84	90	42-136
Heptachlor	<1.128	13.18	12.26	93	40-144
Aldrin	<1.080	13.18	12.80	97	45-143
Dieldrin	<1.811	13.18	16.00	121	47-145
Endrin	<2.079	13.18	14.04	107	46-150
4,4'-DDT	<1.600	13.18	10.88	83	30-157

Surrogate	%REC	Limits
TCMX	100	42-134
Decachlorobiphenyl	62	29-122

Type: MSD Lab ID: QC746658

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
gamma-BHC	13.18	11.41	87	42-136	4	40
Heptachlor	13.18	11.47	87	40-144	7	46
Aldrin	13.18	11.08	84	45-143	14	41
Dieldrin	13.18	15.24	116	47-145	5	36
Endrin	13.18	13.14	100	46-150	7	41
4,4'-DDT	13.18	12.21	93	30-157	12	52

Surrogate	%REC	Limits
TCMX	85	42-134
Decachlorobiphenyl	62	29-122

RPD= Relative Percent Difference

Batch QC Report

Polychlorinated Biphenyls (PCBs)			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8082
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC746653	Batch#:	212640
Matrix:	Soil	Prepared:	06/25/14
Units:	ug/Kg	Analyzed:	06/26/14

Analyte	Spiked	Result	%REC	Limits
Aroclor-1016	166.0	179.2	108	58-144
Aroclor-1260	166.0	175.5	106	55-146

Surrogate	%REC	Limits
TCMX	101	60-140
Decachlorobiphenyl	69	36-133

Batch QC Report

Polychlorinated Biphenyls (PCBs)			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8082
Field ID:	SP1 A-3'	Batch#:	212640
MSS Lab ID:	258353-001	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	1.000		

Type: MS Lab ID: QC746654

Analyte	MSS Result	Spiked	Result	%REC	Limits
Aroclor-1016	<2.341	165.2	172.6	105	51-155
Aroclor-1260	<1.531	165.2	162.3	98	38-155

Surrogate	%REC	Limits
TCMX	96	60-140
Decachlorobiphenyl	65	36-133

Type: MSD Lab ID: QC746655

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Aroclor-1016	166.4	184.8	111	51-155	6	38
Aroclor-1260	166.4	174.8	105	38-155	7	55

Surrogate	%REC	Limits
TCMX	100	60-140
Decachlorobiphenyl	69	36-133

RPD= Relative Percent Difference

California Title 22 Metals

Lab #:	258353	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	SP1 A-3'	Basis:	as received
Lab ID:	258353-001	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/18/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	6.0	0.51	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Arsenic	6.2	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Barium	200	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Beryllium	0.46	0.10	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Cadmium	0.28	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Chromium	30	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Cobalt	9.6	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Copper	22	0.26	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Lead	9.7	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Mercury	0.021	0.016	212750	06/28/14	06/28/14	METHOD	EPA 7471A
Molybdenum	ND	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Nickel	35	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Selenium	1.4	0.51	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Thallium	ND	0.51	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Vanadium	42	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Zinc	47	1.0	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	258353	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	SP1 B-6"	Basis:	as received
Lab ID:	258353-002	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/18/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.51	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Arsenic	5.6	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Barium	170	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Beryllium	0.41	0.10	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Cadmium	0.55	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Chromium	31	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Cobalt	9.7	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Copper	22	0.26	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Lead	11	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Mercury	0.024	0.018	212750	06/28/14	06/28/14	METHOD	EPA 7471A
Molybdenum	ND	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Nickel	38	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Selenium	2.4	0.51	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Thallium	ND	0.51	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Vanadium	38	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Zinc	48	1.0	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	258353	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	SP1 C-6'	Basis:	as received
Lab ID:	258353-003	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/18/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.52	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Arsenic	5.5	0.26	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Barium	190	0.26	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Beryllium	0.47	0.10	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Cadmium	0.27	0.26	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Chromium	35	0.26	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Cobalt	11	0.26	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Copper	24	0.27	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Lead	12	0.26	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Mercury	0.025	0.017	212750	06/28/14	06/28/14	METHOD	EPA 7471A
Molybdenum	ND	0.26	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Nickel	43	0.26	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Selenium	2.5	0.52	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Silver	ND	0.26	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Thallium	ND	0.52	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Vanadium	44	0.26	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Zinc	53	1.0	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	258353	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	SP1 D-2'	Basis:	as received
Lab ID:	258353-004	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/18/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	7.5	0.50	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Arsenic	4.3	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Barium	180	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Beryllium	0.45	0.10	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Cadmium	0.28	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Chromium	38	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Cobalt	11	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Copper	24	0.26	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Lead	13	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Mercury	0.041	0.016	212750	06/28/14	06/28/14	METHOD	EPA 7471A
Molybdenum	ND	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Nickel	46	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Selenium	ND	0.50	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Thallium	ND	0.50	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Vanadium	44	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Zinc	51	1.0	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	258353	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	SP1 E-3'	Basis:	as received
Lab ID:	258353-005	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/18/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	7.6	0.51	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Arsenic	4.9	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Barium	160	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Beryllium	0.41	0.10	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Cadmium	0.26	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Chromium	30	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Cobalt	8.8	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Copper	19	0.26	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Lead	27	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Mercury	0.021	0.016	212750	06/28/14	06/28/14	METHOD	EPA 7471A
Molybdenum	ND	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Nickel	34	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Selenium	ND	0.51	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Thallium	ND	0.51	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Vanadium	39	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Zinc	45	1.0	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	258353	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	SP1 F-6"	Basis:	as received
Lab ID:	258353-006	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/18/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.49	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Arsenic	5.2	0.24	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Barium	190	0.24	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Beryllium	0.46	0.097	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Cadmium	0.36	0.24	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Chromium	38	0.24	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Cobalt	10	0.24	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Copper	24	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Lead	13	0.24	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Mercury	0.030	0.018	212750	06/28/14	06/28/14	METHOD	EPA 7471A
Molybdenum	ND	0.24	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Nickel	43	0.24	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Selenium	2.4	0.49	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Silver	ND	0.24	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Thallium	ND	0.49	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Vanadium	44	0.24	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Zinc	54	0.97	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals			
Lab #:	258353	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	SP1 G-1'	Basis:	as received
Lab ID:	258353-007	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/18/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.51	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Arsenic	6.7	0.25	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Barium	190	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Beryllium	0.47	0.10	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cadmium	0.34	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Chromium	37	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Cobalt	10	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Copper	24	0.26	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Lead	13	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Mercury	0.030	0.018	212750	06/28/14	06/28/14	METHOD	EPA 7471A
Molybdenum	0.27	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Nickel	42	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Selenium	ND	0.51	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Thallium	ND	0.51	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Vanadium	45	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Zinc	52	1.0	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	258353	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	SP1 H-7'	Basis:	as received
Lab ID:	258353-008	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/18/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Arsenic	6.7	0.25	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Barium	190	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Beryllium	0.48	0.10	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cadmium	0.32	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Chromium	31	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Cobalt	9.8	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Copper	22	0.26	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Lead	11	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Mercury	0.023	0.017	212750	06/28/14	06/28/14	METHOD	EPA 7471A
Molybdenum	ND	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Nickel	36	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Selenium	2.4	0.50	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Thallium	ND	0.50	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Vanadium	42	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Zinc	49	1.0	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	258353	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	SP1 I-1.5'	Basis:	as received
Lab ID:	258353-009	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/18/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.51	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Arsenic	5.8	0.26	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Barium	200	0.26	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Beryllium	0.46	0.10	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cadmium	ND	0.26	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Chromium	36	0.26	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Cobalt	11	0.26	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Copper	25	0.26	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Lead	14	0.26	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Mercury	0.028	0.016	212750	06/28/14	06/28/14	METHOD	EPA 7471A
Molybdenum	ND	0.26	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Nickel	41	0.26	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Selenium	2.3	0.51	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Silver	ND	0.26	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Thallium	ND	0.51	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Vanadium	45	0.26	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Zinc	56	1.0	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	258353	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	SP1 J-3"	Basis:	as received
Lab ID:	258353-010	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/18/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Arsenic	5.6	0.25	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Barium	190	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Beryllium	0.46	0.10	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cadmium	0.29	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Chromium	37	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Cobalt	11	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Copper	24	0.26	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Lead	12	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Mercury	0.029	0.017	212750	06/28/14	06/28/14	METHOD	EPA 7471A
Molybdenum	ND	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Nickel	42	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Selenium	ND	0.50	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Thallium	ND	0.50	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Vanadium	45	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Zinc	53	1.0	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	258353	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	SP1 K-2'	Basis:	as received
Lab ID:	258353-011	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/18/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Arsenic	5.9	0.25	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Barium	190	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Beryllium	0.45	0.099	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cadmium	0.32	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Chromium	35	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Cobalt	9.6	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Copper	22	0.26	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Lead	12	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Mercury	0.025	0.016	212750	06/28/14	06/28/14	METHOD	EPA 7471A
Molybdenum	ND	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Nickel	38	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Selenium	2.1	0.50	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Thallium	ND	0.50	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Vanadium	41	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Zinc	82	0.99	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	258353	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	SP1 L-2'	Basis:	as received
Lab ID:	258353-012	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/18/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Arsenic	5.6	0.25	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Barium	180	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Beryllium	0.44	0.099	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cadmium	0.29	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Chromium	31	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Cobalt	9.1	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Copper	20	0.26	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Lead	11	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Mercury	0.023	0.016	212750	06/28/14	06/28/14	METHOD	EPA 7471A
Molybdenum	ND	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Nickel	38	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Selenium	2.5	0.50	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Thallium	ND	0.50	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Vanadium	39	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Zinc	47	0.99	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	258353	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	SP2 A-1'	Basis:	as received
Lab ID:	258353-013	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/18/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.47	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Arsenic	3.1	0.24	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Barium	120	0.24	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Beryllium	0.24	0.094	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cadmium	ND	0.24	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Chromium	29	0.24	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Cobalt	4.9	0.24	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Copper	20	0.24	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Lead	23	0.24	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Mercury	0.086	0.017	212750	06/28/14	06/28/14	METHOD	EPA 7471A
Molybdenum	0.47	0.24	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Nickel	31	0.24	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Selenium	ND	0.47	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Silver	ND	0.24	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Thallium	ND	0.47	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Vanadium	29	0.24	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Zinc	63	0.94	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals			
Lab #:	258353	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	SP2 B-6"	Basis:	as received
Lab ID:	258353-014	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/18/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Arsenic	4.4	0.25	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Barium	180	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Beryllium	0.31	0.10	212629	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cadmium	0.30	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Chromium	38	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Cobalt	7.2	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Copper	28	0.26	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Lead	23	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Mercury	0.076	0.016	212750	06/28/14	06/28/14	METHOD	EPA 7471A
Molybdenum	0.60	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Nickel	38	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Selenium	ND	0.50	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Thallium	ND	0.50	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Vanadium	41	0.25	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Zinc	96	1.0	212629	06/25/14	07/02/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

California Title 22 Metals			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3050B
Project#:	942	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC746600	Batch#:	212629
Matrix:	Soil	Prepared:	06/25/14
Units:	mg/Kg	Analyzed:	07/02/14

Analyte	Result	RL
Antimony	ND	0.50
Arsenic	ND	0.25
Barium	ND	0.25
Beryllium	ND	0.10
Cadmium	ND	0.25
Chromium	ND	0.25
Cobalt	ND	0.25
Copper	ND	0.26
Lead	ND	0.25
Molybdenum	ND	0.25
Nickel	ND	0.25
Selenium	ND	0.50
Silver	ND	0.25
Thallium	ND	0.50
Vanadium	ND	0.25
Zinc	ND	1.0

ND= Not Detected

RL= Reporting Limit

Batch QC Report

California Title 22 Metals			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3050B
Project#:	942	Analysis:	EPA 6010B
Matrix:	Soil	Batch#:	212629
Units:	mg/Kg	Prepared:	06/25/14
Diln Fac:	1.000	Analyzed:	07/02/14

Type: BS Lab ID: QC746601

Analyte	Spiked	Result	%REC	Limits
Antimony	100.0	95.02	95	80-120
Arsenic	50.00	48.56	97	80-120
Barium	100.0	93.81	94	80-120
Beryllium	2.500	2.410	96	80-120
Cadmium	10.00	9.948	99	80-120
Chromium	100.0	94.85	95	80-120
Cobalt	25.00	23.76	95	80-120
Copper	12.50	11.96	96	80-120
Lead	100.0	92.95	93	80-120
Molybdenum	20.00	19.25	96	80-120
Nickel	25.00	23.80	95	80-120
Selenium	50.00	47.37	95	80-120
Silver	10.00	8.812	88	80-120
Thallium	50.00	46.42	93	80-120
Vanadium	25.00	23.71	95	80-120
Zinc	25.00	24.44	98	80-120

Type: BSD Lab ID: QC746602

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	100.0	97.09	97	80-120	2	20
Arsenic	50.00	49.43	99	80-120	2	20
Barium	100.0	95.86	96	80-120	2	20
Beryllium	2.500	2.443	98	80-120	1	20
Cadmium	10.00	10.08	101	80-120	1	20
Chromium	100.0	96.38	96	80-120	2	20
Cobalt	25.00	24.10	96	80-120	1	20
Copper	12.50	12.12	97	80-120	1	20
Lead	100.0	94.72	95	80-120	2	20
Molybdenum	20.00	19.74	99	80-120	3	20
Nickel	25.00	24.17	97	80-120	2	20
Selenium	50.00	48.12	96	80-120	2	20
Silver	10.00	8.964	90	80-120	2	20
Thallium	50.00	47.42	95	80-120	2	20
Vanadium	25.00	24.06	96	80-120	1	20
Zinc	25.00	24.71	99	80-120	1	20

RPD= Relative Percent Difference

Batch QC Report

California Title 22 Metals			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3050B
Project#:	942	Analysis:	EPA 6010B
Field ID:	SP1 A-3'	Batch#:	212629
MSS Lab ID:	258353-001	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	mg/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	07/02/14
Diln Fac:	1.000		

Type: MS Lab ID: QC746603

Analyte	MSS Result	Spiked	Result	%REC	Limits
Antimony	5.978	99.01	33.27	28	9-120
Arsenic	6.197	49.50	52.31	93	72-120
Barium	198.3	99.01	273.5	76	50-133
Beryllium	0.4583	2.475	2.762	93	80-120
Cadmium	0.2831	9.901	9.167	90	72-120
Chromium	29.96	99.01	120.3	91	61-120
Cobalt	9.647	24.75	30.75	85	60-120
Copper	21.91	12.38	34.25	100	47-149
Lead	9.750	99.01	93.82	85	52-122
Molybdenum	<0.05672	19.80	15.93	80	68-120
Nickel	34.79	24.75	54.92	81	46-135
Selenium	1.376	49.50	46.40	91	70-120
Silver	<0.07551	9.901	8.795	89	67-120
Thallium	<0.1647	49.50	38.72	78	64-120
Vanadium	42.11	24.75	66.19	97	54-137
Zinc	47.41	24.75	68.68	86	39-141

Type: MSD Lab ID: QC746604

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	104.2	33.94	27	9-120	3	26
Arsenic	52.08	53.44	91	72-120	2	30
Barium	104.2	268.6	68	50-133	4	43
Beryllium	2.604	2.808	90	80-120	3	20
Cadmium	10.42	9.364	87	72-120	3	22
Chromium	104.2	121.0	87	61-120	3	31
Cobalt	26.04	30.91	82	60-120	3	39
Copper	13.02	34.88	100	47-149	0	32
Lead	104.2	95.43	82	52-122	3	49
Molybdenum	20.83	16.22	78	68-120	3	23
Nickel	26.04	56.46	83	46-135	1	37
Selenium	52.08	47.67	89	70-120	2	26
Silver	10.42	9.033	87	67-120	2	25
Thallium	52.08	39.57	76	64-120	3	20
Vanadium	26.04	68.12	100	54-137	1	31
Zinc	26.04	69.11	83	39-141	1	37

RPD= Relative Percent Difference

Batch QC Report

California Title 22 Metals			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	METHOD
Project#:	942	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Type:	BLANK	Batch#:	212750
Lab ID:	QC747082	Prepared:	06/28/14
Matrix:	Soil	Analyzed:	06/28/14
Units:	mg/Kg		

Result	RL
ND	0.017

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

California Title 22 Metals			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	METHOD
Project#:	942	Analysis:	EPA 7471A
Analyte:	Mercury	Batch#:	212750
Matrix:	Soil	Prepared:	06/28/14
Units:	mg/Kg	Analyzed:	06/28/14
Diln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC747083	0.2083	0.2121	102	80-120		
BSD	QC747084	0.2083	0.2100	101	80-120	1	20

RPD= Relative Percent Difference

Batch QC Report

California Title 22 Metals			
Lab #:	258353	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	METHOD
Project#:	942	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Field ID:	SP1 A-3'	Batch#:	212750
MSS Lab ID:	258353-001	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	mg/Kg	Prepared:	06/28/14
Basis:	as received	Analyzed:	06/28/14

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC747085	0.02123	0.1984	0.2093	95	69-136		
MSD	QC747086		0.2083	0.2130	92	69-136	3	35

RPD= Relative Percent Difference

Laboratory Job Number 258353

Subcontracted Products

Forensic Analytical



Bulk Asbestos Material Analysis

(Air Resources Board Method 435, June 6, 1991)

Curtis & Tompkins Ltd
Project Manager
2323 Fifth St.

Berkeley, CA 94710

Client ID: 1137
Report Number: N006386
Date Received: 06/25/14
Date Analyzed: 06/27/14
Date Printed: 06/27/14

Job ID/Site: 258353 - Stockbridge The Green

FALI Job ID: 1137
Total Samples Submitted: 14
Total Samples Analyzed: 14

PLM Report Number: N/A

Sample Preparation and Analysis:

Samples were analyzed by the Air Resources Board's Method 435, Determination of Asbestos Content of Serpentine Aggregate. Samples were ground to 200 particle size in the laboratory. Approximately 1 pint was retained for analysis. Samples were prepared for observation according to the guidelines of Exception I and Exception II as defined by the 435 Method. Samples which contained less than 10% asbestos were prepared for observation according to the point count technique as defined by the 435 Method. This analysis was performed with a standard cross-hair reticle.

Sample ID	Lab Number	Layer Description
-----------	------------	-------------------

SP1 A-3	11530257	Brown Soil
----------------	----------	-------------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: **None Detected**

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

SP1 B-6	11530258	Brown Soil
----------------	----------	-------------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: **None Detected**

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

SP1 C-6	11530259	Brown Soil
----------------	----------	-------------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: **None Detected**

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

SP1 D-2	11530260	Brown Soil
----------------	----------	-------------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: **None Detected**

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.



Bulk Asbestos Material Analysis

(Air Resources Board Method 435, June 6, 1991)

Curtis & Tompkins Ltd
Project Manager
2323 Fifth St.

Berkeley, CA 94710

Client ID: 1137
Report Number: N006386
Date Received: 06/25/14
Date Analyzed: 06/27/14
Date Printed: 06/27/14

Job ID/Site: 258353 - Stockbridge The Green

FALI Job ID: 1137
Total Samples Submitted: 14
Total Samples Analyzed: 14

PLM Report Number: N/A

Sample Preparation and Analysis:

Samples were analyzed by the Air Resources Board's Method 435, Determination of Asbestos Content of Serpentine Aggregate. Samples were ground to 200 particle size in the laboratory. Approximately 1 pint was retained for analysis. Samples were prepared for observation according to the guidelines of Exception I and Exception II as defined by the 435 Method. Samples which contained less than 10% asbestos were prepared for observation according to the point count technique as defined by the 435 Method. This analysis was performed with a standard cross-hair reticle.

Sample ID	Lab Number	Layer Description
-----------	------------	-------------------

SP1 E-3	11530261	Brown Soil
----------------	----------	-------------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

SP1 F-6	11530262	Brown Soil
----------------	----------	-------------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

SP1 G-1	11530263	Brown Soil
----------------	----------	-------------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

SP1 H-7	11530264	Brown Soil
----------------	----------	-------------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.



Bulk Asbestos Material Analysis

(Air Resources Board Method 435, June 6, 1991)

Curtis & Tompkins Ltd
Project Manager
2323 Fifth St.

Berkeley, CA 94710

Client ID: 1137
Report Number: N006386
Date Received: 06/25/14
Date Analyzed: 06/27/14
Date Printed: 06/27/14

Job ID/Site: 258353 - Stockbridge The Green

FALI Job ID: 1137
Total Samples Submitted: 14
Total Samples Analyzed: 14

PLM Report Number: N/A

Sample Preparation and Analysis:

Samples were analyzed by the Air Resources Board's Method 435, Determination of Asbestos Content of Serpentine Aggregate. Samples were ground to 200 particle size in the laboratory. Approximately 1 pint was retained for analysis. Samples were prepared for observation according to the guidelines of Exception I and Exception II as defined by the 435 Method. Samples which contained less than 10% asbestos were prepared for observation according to the point count technique as defined by the 435 Method. This analysis was performed with a standard cross-hair reticle.

Sample ID	Lab Number	Layer Description
-----------	------------	-------------------

SP1 I-1.5	11530265	Brown Soil
------------------	----------	-------------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

SP1 J-3	11530266	Brown Soil
----------------	----------	-------------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

SP1 K-2	11530267	Brown Soil
----------------	----------	-------------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

SP1 L-2	11530268	Brown Soil
----------------	----------	-------------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.



Bulk Asbestos Material Analysis

(Air Resources Board Method 435, June 6, 1991)

Curtis & Tompkins Ltd
Project Manager
2323 Fifth St.

Berkeley, CA 94710

Client ID: 1137
Report Number: N006386
Date Received: 06/25/14
Date Analyzed: 06/27/14
Date Printed: 06/27/14

Job ID/Site: 258353 - Stockbridge The Green

FALI Job ID: 1137
Total Samples Submitted: 14
Total Samples Analyzed: 14

PLM Report Number: N/A

Sample Preparation and Analysis:

Samples were analyzed by the Air Resources Board's Method 435, Determination of Asbestos Content of Serpentine Aggregate. Samples were ground to 200 particle size in the laboratory. Approximately 1 pint was retained for analysis. Samples were prepared for observation according to the guidelines of Exception I and Exception II as defined by the 435 Method. Samples which contained less than 10% asbestos were prepared for observation according to the point count technique as defined by the 435 Method. This analysis was performed with a standard cross-hair reticle.

Sample ID	Lab Number	Layer Description
SP2 A.-1	11530269	Brown Soil

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

SP2 B-6	11530270	Brown Soil
---------	----------	------------

Visual Estimation Results:

Matrix percentage of entire 100

Visual estimation percentage: None Detected

Asbestos type(s) detected: None Detected

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification (LOQ) = 0.25%. Trace denotes the presence of asbestos below the LOQ. ND = None Detected.

Analytical results and reports are generated by Forensic Analytical Laboratories Inc. (FALI) at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by FALI to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by FALI. The client is solely responsible for the use and interpretation of test results and reports requested from FALI. Forensic Analytical Laboratories Inc. is not able to assess the degree of hazard resulting from materials analyzed. FALI reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.



Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878





Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 258354
ANALYTICAL REPORT

Ground Zero Analysis, Inc.
1172 Kansas Ave
Modesto, Ca 95351

Project : 942
Location : Stockbridge The Green
Level : II

<u>Sample ID</u>	<u>Lab ID</u>
RS-T3-20SW	258354-001
RS-T3-10SW	258354-002
RS-T3-C	258354-003
RS-T3-10NE	258354-004
RS-T3-20NE	258354-005

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____

Will S Rice
Project Manager
will.rice@ctberk.com

Date: 07/08/2014

CA ELAP# 2896, NELAP# 4044-001

CASE NARRATIVE

Laboratory number: 258354
Client: Ground Zero Analysis, Inc.
Project: 942
Location: Stockbridge The Green
Request Date: 06/20/14
Samples Received: 06/20/14

This data package contains sample and QC results for five soil samples, requested for the above referenced project on 06/20/14. The samples were received cold and intact.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

RS-T3-10SW (lab # 258354-002) was diluted due to the dark and viscous nature of the sample extract. No other analytical problems were encountered.

PCBs (EPA 8082):

All samples underwent sulfuric acid cleanup using EPA Method 3665A. All samples underwent sulfur cleanup using the copper option in EPA Method 3660B. No analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):

High recovery was observed for lead in the MS of RS-T3-20SW (lab # 258354-001); the BS/BSD were within limits, and the associated RPD was within limits. No other analytical problems were encountered.

Oil & Grease in Soil (EPA 9070):

Cal Science in Garden Grove, CA performed the analysis (NELAP certified). Please see the Cal Science case narrative.

GROUND ZERO ANALYSIS

258354

No 3341

CHAIN OF CUSTODY RECORD ANALYSIS REQUEST

PROJECT NO. 942		PROJECT NAME/SITE Stockbridge The Green						ANALYSIS REQUESTED											PO. #:				
SAMPLERS (SIGN) Joe Vasquez / (PRINT) Joe Vasquez		SAMPLE IDENTIFICATION	DATE	TIME	COMP	GRAB	PRES. USED	ICED	NO. CONTAINERS	SAMPLE TYPE	BTEX (602/8020)	TPHg (8015)	TPhd (8015)	OXYGENATES (8260)	601/8010	8260 FULL SCAN	CAM 17 Metals	HEM (9071/1664)	PAH / SVOCs (8270)	PCBs (8082)	5035 EXTRACTION	EDF NEEDED	REMARKS
1	RS-T3-20SW										6/17/14	12:10		X	none	X		1	S				
2	RS-T3-10SW	↓	12:14		X	↓										X	X	X	X		X		Run silica
3	RS-T3-C	↓	12:20		X	↓										X	X	X	X		X		vel cleanup
4	RS-T3-10NE	↓	12:24		X	↓										X	X	X	X		X		on HEM
5	RS-T3-20NE	↓	12:28		X	↓										X	X	X	X		X		
RELINQUISHED BY: Joe Vasquez		DATE 6/20/14	TIME 1330	RECEIVED BY: <i>[Signature]</i>		LABORATORY: Curtis & Tomkins					PLEASE SEND RESULTS TO: Ground Zero Analysis, Inc. 1172 Kansas Ave. Modesto, CA 95351												
RELINQUISHED BY: <i>[Signature]</i>		DATE 6/24/14	TIME 1530	RECEIVED BY: <i>[Signature]</i>		REQUESTED TURNAROUND TIME: Standard					PROJECT MANAGER: Breg Stahl												
RELINQUISHED BY:		DATE	TIME	RECEIVED BY:		RECEIPT CONDITION:																	
RELINQUISHED BY:		DATE	TIME	RECEIVED BY:																			

infast on the cold pc

COOLER RECEIPT CHECKLIST



Curtis & Tompkins, Ltd.

Login # 258354 Date Received 9/20/14 Number of coolers 3
Client Ground Zero Analysis Project 942

Date Opened 9/23/14 By (print) MC (sign) [Signature]
Date Logged in [Signature] By (print) [Signature] (sign) [Signature]

1. Did cooler come with a shipping slip (airbill, etc) YES NO
Shipping info

2A. Were custody seals present? ... YES (circle) on cooler on samples NO
How many Name Date

2B. Were custody seals intact upon arrival? YES NO N/A

3. Were custody papers dry and intact when received? YES NO

4. Were custody papers filled out properly (ink, signed, etc)? YES NO

5. Is the project identifiable from custody papers? (If so fill out top of form) YES NO

6. Indicate the packing in cooler: (if other, describe)

- Bubble Wrap, Foam blocks, Bags, None, Cloth material, Cardboard, Styrofoam, Paper towels

7. Temperature documentation: * Notify PM if temperature exceeds 6°C

Type of ice used: Wet Blue/Gel None Temp(°C) 4.5/5.9/5.5

Samples received on ice & cold without a temperature blank; temp taken with IR gun

Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? YES NO

If YES, what time were they transferred to freezer?

9. Did all bottles arrive unbroken/unopened? YES NO

10. Are there any missing / extra samples? YES NO

11. Are samples in the appropriate containers for indicated tests? YES NO

12. Are sample labels present, in good condition and complete? YES NO

13. Do the sample labels agree with custody papers? YES NO

14. Was sufficient amount of sample sent for tests requested? YES NO

15. Are the samples appropriately preserved? YES NO N/A

16. Did you check preservatives for all bottles for each sample? YES NO N/A

17. Did you document your preservative check? YES NO N/A

18. Did you change the hold time in LIMS for unpreserved VOAs? YES NO N/A

19. Did you change the hold time in LIMS for preserved terracores? YES NO N/A

20. Are bubbles > 6mm absent in VOA samples? YES NO N/A

21. Was the client contacted concerning this sample delivery? YES NO

If YES, Who was called? By Date:

COMMENTS

Blank lines for handwritten comments.

Detections Summary for 258354

Client : Ground Zero Analysis, Inc.
 Project : 942
 Location : Stockbridge The Green

Client Sample ID : RS-T3-20SW Laboratory Sample ID : 258354-001

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Fluoranthene	5.8		5.1	1.0	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Chrysene	5.5		5.1	1.0	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Arsenic	4.5		0.25	0.084	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	180		0.25	0.049	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.49		0.10	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.39		0.25	0.016	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	38		0.25	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	11		0.25	0.020	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	26		0.26	0.087	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	11		0.25	0.074	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Nickel	40		0.25	0.068	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	47		0.25	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	56		1.0	0.099	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : RS-T3-10SW Laboratory Sample ID : 258354-002

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Antimony	1.2		0.50	0.16	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Arsenic	4.4		0.25	0.083	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	180		0.25	0.049	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.46		0.10	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.40		0.25	0.016	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	33		0.25	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	10		0.25	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	23		0.26	0.086	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	11		0.25	0.073	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Nickel	37		0.25	0.068	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	44		0.25	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	52		1.0	0.098	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : RS-T3-C

Laboratory Sample ID :

258354-003

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Antimony	1.2		0.50	0.16	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Arsenic	4.4		0.25	0.083	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	180		0.25	0.049	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.47		0.10	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.40		0.25	0.016	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	35		0.25	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	10		0.25	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	24		0.26	0.086	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	9.1		0.25	0.073	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Nickel	38		0.25	0.068	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	45		0.25	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	53		1.0	0.098	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : RS-T3-10NE

Laboratory Sample ID :

258354-004

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Antimony	1.2		0.50	0.16	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Arsenic	4.2		0.25	0.083	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	190		0.25	0.049	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.47		0.10	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.45		0.25	0.016	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	35		0.25	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	11		0.25	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	25		0.26	0.086	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	9.2		0.25	0.073	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Nickel	43		0.25	0.068	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	44		0.25	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	54		1.0	0.098	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : RS-T3-20NE

Laboratory Sample ID :

258354-005

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Fluoranthene	6.9		5.0	1.0	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Pyrene	7.5		5.0	1.0	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Chrysene	8.9		5.0	1.0	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Benzo(a)pyrene	9.4		5.0	1.0	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Antimony	1.4		0.50	0.16	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Arsenic	4.2		0.25	0.083	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	180		0.25	0.049	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.49		0.10	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.45		0.25	0.016	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	51		0.25	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	12		0.25	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	26		0.26	0.086	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	11		0.25	0.073	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.025		0.017	0.0011	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Nickel	49		0.25	0.068	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	45		0.25	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	60		1.0	0.098	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Semivolatile Organics by GC/MS SIM

Lab #:	258354	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	RS-T3-20SW	Batch#:	212639
Lab ID:	258354-001	Sampled:	06/17/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.1
Acenaphthylene	ND	5.1
Acenaphthene	ND	5.1
Fluorene	ND	5.1
Phenanthrene	ND	5.1
Anthracene	ND	5.1
Fluoranthene	5.8	5.1
Pyrene	ND	5.1
Benzo(a)anthracene	ND	5.1
Chrysene	5.5	5.1
Benzo(b)fluoranthene	ND	5.1
Benzo(k)fluoranthene	ND	5.1
Benzo(a)pyrene	ND	5.1
Indeno(1,2,3-cd)pyrene	ND	5.1
Dibenz(a,h)anthracene	ND	5.1
Benzo(g,h,i)perylene	ND	5.1

Surrogate	%REC	Limits
Nitrobenzene-d5	75	46-120
2-Fluorobiphenyl	75	52-120
Terphenyl-d14	66	54-132

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	258354	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	RS-T3-10SW	Batch#:	212639
Lab ID:	258354-002	Sampled:	06/17/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	2.000		

Analyte	Result	RL
Naphthalene	ND	9.9
Acenaphthylene	ND	9.9
Acenaphthene	ND	9.9
Fluorene	ND	9.9
Phenanthrene	ND	9.9
Anthracene	ND	9.9
Fluoranthene	ND	9.9
Pyrene	ND	9.9
Benzo(a)anthracene	ND	9.9
Chrysene	ND	9.9
Benzo(b)fluoranthene	ND	9.9
Benzo(k)fluoranthene	ND	9.9
Benzo(a)pyrene	ND	9.9
Indeno(1,2,3-cd)pyrene	ND	9.9
Dibenz(a,h)anthracene	ND	9.9
Benzo(g,h,i)perylene	ND	9.9

Surrogate	%REC	Limits
Nitrobenzene-d5	93	46-120
2-Fluorobiphenyl	98	52-120
Terphenyl-d14	95	54-132

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	258354	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	RS-T3-C	Batch#:	212639
Lab ID:	258354-003	Sampled:	06/17/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.0
Acenaphthylene	ND	5.0
Acenaphthene	ND	5.0
Fluorene	ND	5.0
Phenanthrene	ND	5.0
Anthracene	ND	5.0
Fluoranthene	ND	5.0
Pyrene	ND	5.0
Benzo(a)anthracene	ND	5.0
Chrysene	ND	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzo(a)pyrene	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0

Surrogate	%REC	Limits
Nitrobenzene-d5	96	46-120
2-Fluorobiphenyl	96	52-120
Terphenyl-d14	98	54-132

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	258354	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	RS-T3-10NE	Batch#:	212639
Lab ID:	258354-004	Sampled:	06/17/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.0
Acenaphthylene	ND	5.0
Acenaphthene	ND	5.0
Fluorene	ND	5.0
Phenanthrene	ND	5.0
Anthracene	ND	5.0
Fluoranthene	ND	5.0
Pyrene	ND	5.0
Benzo(a)anthracene	ND	5.0
Chrysene	ND	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzo(a)pyrene	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0

Surrogate	%REC	Limits
Nitrobenzene-d5	91	46-120
2-Fluorobiphenyl	90	52-120
Terphenyl-d14	93	54-132

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	258354	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	RS-T3-20NE	Batch#:	212639
Lab ID:	258354-005	Sampled:	06/17/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.0
Acenaphthylene	ND	5.0
Acenaphthene	ND	5.0
Fluorene	ND	5.0
Phenanthrene	ND	5.0
Anthracene	ND	5.0
Fluoranthene	6.9	5.0
Pyrene	7.5	5.0
Benzo(a)anthracene	ND	5.0
Chrysene	8.9	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzo(a)pyrene	9.4	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0

Surrogate	%REC	Limits
Nitrobenzene-d5	95	46-120
2-Fluorobiphenyl	94	52-120
Terphenyl-d14	99	54-132

ND= Not Detected
 RL= Reporting Limit

Batch QC Report
Semivolatile Organics by GC/MS SIM

Lab #:	258354	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC746648	Batch#:	212639
Matrix:	Soil	Prepared:	06/25/14
Units:	ug/Kg	Analyzed:	06/26/14

Analyte	Result	RL
Naphthalene	ND	5.0
Acenaphthylene	ND	5.0
Acenaphthene	ND	5.0
Fluorene	ND	5.0
Phenanthrene	ND	5.0
Anthracene	ND	5.0
Fluoranthene	ND	5.0
Pyrene	ND	5.0
Benzo(a)anthracene	ND	5.0
Chrysene	ND	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzo(a)pyrene	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0

Surrogate	%REC	Limits
Nitrobenzene-d5	74	46-120
2-Fluorobiphenyl	84	52-120
Terphenyl-d14	83	54-132

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Semivolatile Organics by GC/MS SIM

Lab #:	258354	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC746649	Batch#:	212639
Matrix:	Soil	Prepared:	06/25/14
Units:	ug/Kg	Analyzed:	06/26/14

Analyte	Spiked	Result	%REC	Limits
Acenaphthene	32.89	26.20	80	43-120
Pyrene	32.89	23.06	70	39-120

Surrogate	%REC	Limits
Nitrobenzene-d5	73	46-120
2-Fluorobiphenyl	77	52-120
Terphenyl-d14	74	54-132

Batch QC Report
Semivolatile Organics by GC/MS SIM

Lab #:	258354	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	SP1 A-3'	Batch#:	212639
MSS Lab ID:	258353-001	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	1.000		

Type: MS Lab ID: QC746650

Analyte	MSS Result	Spiked	Result	%REC	Limits
Acenaphthene	<1.006	33.68	26.63	79	47-120
Pyrene	4.624	33.68	27.43	68	21-143

Surrogate	%REC	Limits
Nitrobenzene-d5	71	46-120
2-Fluorobiphenyl	72	52-120
Terphenyl-d14	69	54-132

Type: MSD Lab ID: QC746651

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Acenaphthene	33.18	26.38	80	47-120	1	54
Pyrene	33.18	27.08	68	21-143	0	67

Surrogate	%REC	Limits
Nitrobenzene-d5	72	46-120
2-Fluorobiphenyl	75	52-120
Terphenyl-d14	73	54-132

RPD= Relative Percent Difference

Batch QC Report

Polychlorinated Biphenyls (PCBs)			
Lab #:	258354	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8082
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC746836	Batch#:	212687
Matrix:	Soil	Prepared:	06/26/14
Units:	ug/Kg	Analyzed:	06/27/14

Analyte	Spiked	Result	%REC	Limits
Aroclor-1016	166.0	183.2	110	58-144
Aroclor-1260	166.0	177.3	107	55-146

Surrogate	%REC	Limits
TCMX	98	60-140
Decachlorobiphenyl	69	36-133

Batch QC Report

Polychlorinated Biphenyls (PCBs)			
Lab #:	258354	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8082
Field ID:	RS-T1-20SW	Batch#:	212687
MSS Lab ID:	258355-001	Sampled:	06/17/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/26/14
Basis:	as received	Analyzed:	06/27/14
Diln Fac:	1.000		

Type: MS Lab ID: QC746837

Analyte	MSS Result	Spiked	Result	%REC	Limits
Aroclor-1016	<2.356	169.4	165.7	98	51-155
Aroclor-1260	<1.541	169.4	169.3	100	38-155

Surrogate	%REC	Limits
TCMX	92	60-140
Decachlorobiphenyl	41	36-133

Type: MSD Lab ID: QC746838

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Aroclor-1016	166.3	175.3	105	51-155	7	38
Aroclor-1260	166.3	169.5	102	38-155	2	55

Surrogate	%REC	Limits
TCMX	102	60-140
Decachlorobiphenyl	65	36-133

RPD= Relative Percent Difference

California Title 22 Metals			
Lab #:	258354	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	RS-T3-20SW	Basis:	as received
Lab ID:	258354-001	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/17/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.51	212606	06/25/14	07/08/14	EPA 3050B	EPA 6010B
Arsenic	4.5	0.25	212606	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Barium	180	0.25	212606	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Beryllium	0.49	0.10	212606	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Cadmium	0.39	0.25	212606	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Chromium	38	0.25	212606	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Cobalt	11	0.25	212606	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Copper	26	0.26	212606	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Lead	11	0.25	212606	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Mercury	ND	0.015	212719	06/27/14	06/27/14	METHOD	EPA 7471A
Molybdenum	ND	0.25	212606	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Nickel	40	0.25	212606	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Selenium	ND	0.51	212606	06/25/14	07/08/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	212606	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Thallium	ND	0.51	212606	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Vanadium	47	0.25	212606	06/25/14	07/02/14	EPA 3050B	EPA 6010B
Zinc	56	1.0	212606	06/25/14	07/02/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	258354	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	RS-T3-10SW	Basis:	as received
Lab ID:	258354-002	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/17/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	1.2	0.50	212606	06/25/14	07/08/14	EPA 3050B	EPA 6010B
Arsenic	4.4	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Barium	180	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Beryllium	0.46	0.10	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cadmium	0.40	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Chromium	33	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cobalt	10	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Copper	23	0.26	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Lead	11	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Mercury	ND	0.018	212719	06/27/14	06/27/14	METHOD	EPA 7471A
Molybdenum	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Nickel	37	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Selenium	ND	0.50	212606	06/25/14	07/08/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Thallium	ND	0.50	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Vanadium	44	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Zinc	52	1.0	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	258354	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	RS-T3-C	Basis:	as received
Lab ID:	258354-003	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/17/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	1.2	0.50	212606	06/25/14	07/08/14	EPA 3050B	EPA 6010B
Arsenic	4.4	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Barium	180	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Beryllium	0.47	0.10	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cadmium	0.40	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Chromium	35	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cobalt	10	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Copper	24	0.26	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Lead	9.1	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Mercury	ND	0.015	212719	06/27/14	06/27/14	METHOD	EPA 7471A
Molybdenum	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Nickel	38	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Selenium	ND	0.50	212606	06/25/14	07/08/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Thallium	ND	0.50	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Vanadium	45	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Zinc	53	1.0	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	258354	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	RS-T3-10NE	Basis:	as received
Lab ID:	258354-004	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/17/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	1.2	0.50	212606	06/25/14	07/08/14	EPA 3050B	EPA 6010B
Arsenic	4.2	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Barium	190	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Beryllium	0.47	0.10	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cadmium	0.45	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Chromium	35	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cobalt	11	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Copper	25	0.26	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Lead	9.2	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Mercury	ND	0.018	212719	06/27/14	06/27/14	METHOD	EPA 7471A
Molybdenum	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Nickel	43	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Selenium	ND	0.50	212606	06/25/14	07/08/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Thallium	ND	0.50	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Vanadium	44	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Zinc	54	1.0	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	258354	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	RS-T3-20NE	Basis:	as received
Lab ID:	258354-005	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/17/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	1.4	0.50	212606	06/25/14	07/08/14	EPA 3050B	EPA 6010B
Arsenic	4.2	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Barium	180	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Beryllium	0.49	0.10	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cadmium	0.45	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Chromium	51	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cobalt	12	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Copper	26	0.26	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Lead	11	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Mercury	0.025	0.017	212719	06/27/14	06/27/14	METHOD	EPA 7471A
Molybdenum	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Nickel	49	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Selenium	ND	0.50	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Thallium	ND	0.50	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Vanadium	45	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Zinc	60	1.0	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

California Title 22 Metals			
Lab #:	258354	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3050B
Project#:	942	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC746501	Batch#:	212606
Matrix:	Soil	Prepared:	06/25/14
Units:	mg/Kg	Analyzed:	07/02/14

Analyte	Result	RL
Antimony	ND	0.50
Arsenic	ND	0.25
Barium	ND	0.25
Beryllium	ND	0.10
Cadmium	ND	0.25
Chromium	ND	0.25
Cobalt	ND	0.25
Copper	ND	0.26
Lead	ND	0.25
Molybdenum	ND	0.25
Nickel	ND	0.25
Selenium	ND	0.50
Silver	ND	0.25
Thallium	ND	0.50
Vanadium	ND	0.25
Zinc	ND	1.0

ND= Not Detected

RL= Reporting Limit

Batch QC Report

California Title 22 Metals			
Lab #:	258354	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3050B
Project#:	942	Analysis:	EPA 6010B
Matrix:	Soil	Batch#:	212606
Units:	mg/Kg	Prepared:	06/25/14
Diln Fac:	1.000	Analyzed:	07/02/14

Type: BS Lab ID: QC746502

Analyte	Spiked	Result	%REC	Limits
Antimony	100.0	94.56	95	80-120
Arsenic	50.00	47.93	96	80-120
Barium	100.0	91.43	91	80-120
Beryllium	2.500	2.313	93	80-120
Cadmium	10.00	9.597	96	80-120
Chromium	100.0	91.89	92	80-120
Cobalt	25.00	23.08	92	80-120
Copper	12.50	11.56	92	80-120
Lead	100.0	91.87	92	80-120
Molybdenum	20.00	19.02	95	80-120
Nickel	25.00	23.09	92	80-120
Selenium	50.00	46.52	93	80-120
Silver	10.00	8.599	86	80-120
Thallium	50.00	45.84	92	80-120
Vanadium	25.00	22.93	92	80-120
Zinc	25.00	23.50	94	80-120

Type: BSD Lab ID: QC746503

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	100.0	98.00	98	80-120	4	20
Arsenic	50.00	49.89	100	80-120	4	20
Barium	100.0	95.17	95	80-120	4	20
Beryllium	2.500	2.413	97	80-120	4	20
Cadmium	10.00	9.995	100	80-120	4	20
Chromium	100.0	95.82	96	80-120	4	20
Cobalt	25.00	23.94	96	80-120	4	20
Copper	12.50	12.05	96	80-120	4	20
Lead	100.0	95.27	95	80-120	4	20
Molybdenum	20.00	19.74	99	80-120	4	20
Nickel	25.00	24.09	96	80-120	4	20
Selenium	50.00	48.18	96	80-120	4	20
Silver	10.00	8.948	89	80-120	4	20
Thallium	50.00	47.67	95	80-120	4	20
Vanadium	25.00	23.95	96	80-120	4	20
Zinc	25.00	24.40	98	80-120	4	20

RPD= Relative Percent Difference

Batch QC Report

California Title 22 Metals			
Lab #:	258354	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3050B
Project#:	942	Analysis:	EPA 6010B
Field ID:	RS-T3-20SW	Diln Fac:	1.000
MSS Lab ID:	258354-001	Batch#:	212606
Matrix:	Soil	Sampled:	06/17/14
Units:	mg/Kg	Received:	06/20/14
Basis:	as received	Prepared:	06/25/14

Type: MS Lab ID: QC746504

Analyte	MSS Result	Spiked	Result	%REC	Limits	Analyzed
Antimony	0.4964	98.04	41.05	41	9-120	07/08/14
Arsenic	4.508	49.02	51.50	96	72-120	07/02/14
Barium	175.6	98.04	270.8	97	50-133	07/02/14
Beryllium	0.4919	2.451	2.837	96	80-120	07/02/14
Cadmium	0.3899	9.804	9.485	93	72-120	07/02/14
Chromium	38.26	98.04	127.8	91	61-120	07/02/14
Cobalt	10.68	24.51	33.10	91	60-120	07/02/14
Copper	26.04	12.25	38.99	106	47-149	07/02/14
Lead	10.81	98.04	153.8	146 *	52-122	07/02/14
Molybdenum	<0.05672	19.61	16.27	83	68-120	07/02/14
Nickel	40.25	24.51	63.95	97	46-135	07/02/14
Selenium	<0.1477	49.02	46.91	96	70-120	07/02/14
Silver	<0.07551	9.804	8.704	89	67-120	07/02/14
Thallium	<0.1647	49.02	37.92	77	64-120	07/02/14
Vanadium	47.23	24.51	72.41	103	54-137	07/02/14
Zinc	55.87	24.51	82.42	108	39-141	07/02/14

Type: MSD Lab ID: QC746505

Analyte	Spiked	Result	%REC	Limits	RPD	Lim	Analyzed
Antimony	100.0	42.05	42	9-120	0	26	07/08/14
Arsenic	50.00	52.10	95	72-120	1	30	07/02/14
Barium	100.0	272.1	97	50-133	0	43	07/02/14
Beryllium	2.500	2.866	95	80-120	1	20	07/02/14
Cadmium	10.00	9.631	92	72-120	0	22	07/02/14
Chromium	100.0	131.1	93	61-120	1	31	07/02/14
Cobalt	25.00	32.77	88	60-120	2	39	07/02/14
Copper	12.50	39.68	109	47-149	1	32	07/02/14
Lead	100.0	99.61	89	52-122	44	49	07/02/14
Molybdenum	20.00	16.63	83	68-120	0	23	07/02/14
Nickel	25.00	65.76	102	46-135	2	37	07/02/14
Selenium	50.00	47.27	95	70-120	1	26	07/02/14
Silver	10.00	8.795	88	67-120	1	25	07/02/14
Thallium	50.00	38.87	78	64-120	0	20	07/02/14
Vanadium	25.00	73.39	105	54-137	1	31	07/02/14
Zinc	25.00	83.87	112	39-141	1	37	07/02/14

*= Value outside of QC limits; see narrative

RPD= Relative Percent Difference

Batch QC Report

California Title 22 Metals			
Lab #:	258354	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	METHOD
Project#:	942	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Type:	BLANK	Batch#:	212719
Lab ID:	QC746970	Prepared:	06/27/14
Matrix:	Soil	Analyzed:	06/27/14
Units:	mg/Kg		

Result	RL
ND	0.017

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

California Title 22 Metals			
Lab #:	258354	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	METHOD
Project#:	942	Analysis:	EPA 7471A
Analyte:	Mercury	Batch#:	212719
Matrix:	Soil	Prepared:	06/27/14
Units:	mg/Kg	Analyzed:	06/27/14
Diln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC746971	0.2083	0.2266	109	80-120		
BSD	QC746972	0.2083	0.2403	115	80-120	6	20

RPD= Relative Percent Difference

Batch QC Report

California Title 22 Metals			
Lab #:	258354	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	METHOD
Project#:	942	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Field ID:	ZZZZZZZZZZ	Batch#:	212719
MSS Lab ID:	258233-002	Sampled:	06/19/14
Matrix:	Soil	Received:	06/19/14
Units:	mg/Kg	Prepared:	06/27/14
Basis:	as received	Analyzed:	06/27/14

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC746973	0.08050	0.2119	0.2900	99	69-136		
MSD	QC746974		0.2049	0.3006	107	69-136	6	35

RPD= Relative Percent Difference

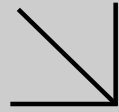
Laboratory Job Number 258354

Subcontracted Products

Cal Science



Calscience



WORK ORDER NUMBER: 14-06-1855

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Curtis & Tompkins, Ltd.

Client Project Name: 258354

Attention: Mike J. Dahlquist
2323 Fifth Street
Berkeley, CA 94710-2407

Vikas Patel

Approved for release on 07/03/2014 by:
Vikas Patel
Project Manager

ResultLink ▶

Email your PM ▶



Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

Contents

Client Project Name: 258354
Work Order Number: 14-06-1855

1	Work Order Narrative.	3
2	Detections Summary.	4
3	Client Sample Data.	5
	3.1 EPA 1664A (M) HEM-SGT: Oil and Grease (Solid).	5
4	Quality Control Sample Data.	6
	4.1 LCS/LCSD.	6
5	Sample Analysis Summary.	7
6	Glossary of Terms and Qualifiers.	8
7	Chain-of-Custody/Sample Receipt Form.	9

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 06/25/14. They were assigned to Work Order 14-06-1855.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of ≤ 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

New York NELAP air certification does not certify for all reported methods and analytes, reference the accredited items here: http://www.calscience.com/PDF/New_York.pdf

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Detections Summary

Client: Curtis & Tompkins, Ltd.
2323 Fifth Street
Berkeley, CA 94710-2407

Work Order: 14-06-1855
Project Name: 258354
Received: 06/25/14

Attn: Mike J. Dahlquist

Page 1 of 1

Client SampleID

<u>Analyte</u>	<u>Result</u>	<u>Qualifiers</u>	<u>RL</u>	<u>Units</u>	<u>Method</u>	<u>Extraction</u>
RS-T3-20SW (14-06-1855-1) HEM - SGT: Oil and Grease	160		10	mg/kg	EPA 1664A (M)	N/A
RS-T3-10SW (14-06-1855-2) HEM - SGT: Oil and Grease	50		10	mg/kg	EPA 1664A (M)	N/A
RS-T3-C (14-06-1855-3) HEM - SGT: Oil and Grease	30		10	mg/kg	EPA 1664A (M)	N/A
RS-T3-10NE (14-06-1855-4) HEM - SGT: Oil and Grease	40		10	mg/kg	EPA 1664A (M)	N/A
RS-T3-20NE (14-06-1855-5) HEM - SGT: Oil and Grease	37		10	mg/kg	EPA 1664A (M)	N/A

Subcontracted analyses, if any, are not included in this summary.

* MDL is shown



Calscience

Analytical Report

Curtis & Tompkins, Ltd.
2323 Fifth Street
Berkeley, CA 94710-2407

Date Received: 06/25/14
Work Order: 14-06-1855
Preparation: N/A
Method: EPA 1664A (M)
Units: mg/kg

Project: 258354

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
RS-T3-20SW	14-06-1855-1-A	06/17/14 12:10	Solid	N/A	06/26/14	06/26/14 18:30	E0626HEML2
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
HEM - SGT: Oil and Grease		160		10		1.00	
RS-T3-10SW	14-06-1855-2-A	06/17/14 12:14	Solid	N/A	06/26/14	06/26/14 18:30	E0626HEML2
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
HEM - SGT: Oil and Grease		50		10		1.00	
RS-T3-C	14-06-1855-3-A	06/17/14 12:20	Solid	N/A	06/26/14	06/26/14 18:30	E0626HEML2
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
HEM - SGT: Oil and Grease		30		10		1.00	
RS-T3-10NE	14-06-1855-4-A	06/17/14 12:24	Solid	N/A	06/26/14	06/26/14 18:30	E0626HEML2
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
HEM - SGT: Oil and Grease		40		10		1.00	
RS-T3-20NE	14-06-1855-5-A	06/17/14 12:28	Solid	N/A	06/26/14	06/26/14 18:30	E0626HEML2
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
HEM - SGT: Oil and Grease		37		10		1.00	
Method Blank	099-12-207-110	N/A	Solid	N/A	06/26/14	06/26/14 18:30	E0626HEML2
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
HEM - SGT: Oil and Grease		ND		10		1.00	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Quality Control - LCS/LCSD

Curtis & Tompkins, Ltd.
2323 Fifth Street
Berkeley, CA 94710-2407

Date Received: 06/25/14
Work Order: 14-06-1855
Preparation: N/A
Method: EPA 1664A (M)

Project: 258354

Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number			
099-12-207-110	LCS	Solid	N/A	06/26/14	06/26/14 18:30	E0626HEML2			
099-12-207-110	LCSD	Solid	N/A	06/26/14	06/26/14 18:30	E0626HEML2			
Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
HEM - SGT: Oil and Grease	20.00	20.00	100	16.70	84	64-132	18	0-34	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Sample Analysis Summary Report

Work Order: 14-06-1855

Page 1 of 1

<u>Method</u>	<u>Extraction</u>	<u>Chemist ID</u>	<u>Instrument</u>	<u>Analytical Location</u>
EPA 1664A (M)	N/A	29	N/A	1


Return to Contents

Location 1: 7440 Lincoln Way, Garden Grove, CA 92841

Glossary of Terms and Qualifiers

Work Order: 14-06-1855

Page 1 of 1

<u>Qualifiers</u>	<u>Definition</u>
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDS or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

Curtis & Tompkins, Ltd.
 Analytical Laboratories, Since 1878
 2323 Fifth Street
 Berkeley, CA 94710
 (510) 486-0900
 (510) 486-0532

14-06-1855

Project Number: 258354
 Site: Stockbridge The Green

Subcontract Laboratory:
 Cal Science
 7440 Lincoln Way
 Garden Grove, CA 92841-1432
 (714) 895-5494
 ATTN: Vik Patel

Results due: Report Level: II

Please send report to: Mike J. Dahlquist (mike.dahlquist@ctberk.com)
 *** Please report using Sample ID rather than C&T Lab #.

Sample ID	Sampled	Matrix	Analysis	C&T Lab #	Comments
1 RS-T3-20SW	06/17 12:10	Soil	OIL & GREASE	258354-001	w/ Silica Gel Cleanup
2 RS-T3-10SW	06/17 12:14	Soil	OIL & GREASE	258354-002	w/ Silica Gel Cleanup
3 RS-T3-C	06/17 12:20	Soil	OIL & GREASE	258354-003	w/ Silica Gel Cleanup
4 RS-T3-10NE	06/17 12:24	Soil	OIL & GREASE	258354-004	w/ Silica Gel Cleanup
5 RS-T3-20NE	06/17 12:28	Soil	OIL & GREASE	258354-005	w/ Silica Gel Cleanup

Return to Contents

Notes:	Relinquished By:	Received By:
	<i>Mikelle Chong</i>	
	Date/Time: <i>06/24/14 1530</i>	Date/Time:
		<i>[Signature]</i>
	Date/Time:	Date/Time: <i>6/25/14 0930</i>

Signature on this form constitutes a firm Purchase Order for the services requested above.

From: (510) 486-0900
Sample Control
Curtis & Tompkins
2323 5th Street

Berkeley, CA 94710

Origin ID: JEMA



Ship Date: 24JUN14
ActWgt: 22.5 LB
CAD: 7603800/INET3490

Delivery Address Bar Code



OFFSS

Ref # 258354,355,357,358
Invoice #
PO #
Dept #

SHIP TO: (714) 395-5494

BILL THIRD PARTY

Vik Patel
Cal Science Environmental Lab
7440 LINCOLN WAY

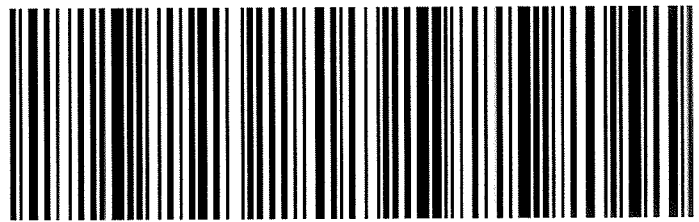
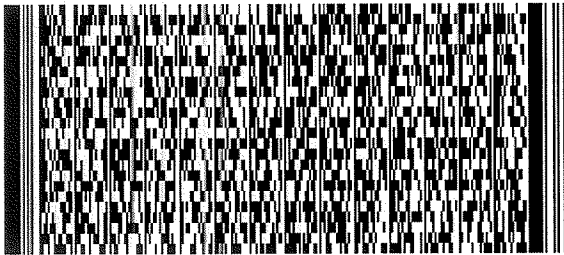
GARDEN GROVE, CA 92841

WED - 25 JUN AA
STANDARD OVERNIGHT

TRK# 7704 0891 0356
0201

92841
CA-US
SNA

92 APVA



522G5/9BC4/F220

After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: EDT

DATE: 06/25/14

TEMPERATURE: Thermometer ID: SC2 (Criteria: 0.0 °C – 6.0 °C, not frozen except sediment/tissue)

Temperature 2.0 °C - 0.3 °C (CF) = 1.7 °C [] Blank [x] Sample

[] Sample(s) outside temperature criteria (PM/APM contacted by: _____)

[] Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

[] Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: [] Air [] Filter

Checked by: IS

CUSTODY SEALS INTACT:

[] Cooler [] _____ [] No (Not Intact) [x] Not Present [] N/A

Checked by: IS

[] Sample [] _____ [] No (Not Intact) [x] Not Present

Checked by: 862

SAMPLE CONDITION:

Table with 4 columns: Item, Yes, No, N/A. Rows include Chain-Of-Custody (COC) document(s) received with samples, COC document(s) received complete, Sampler's name indicated on COC, Sample container label(s) consistent with COC, Sample container(s) intact and good condition, Proper containers and sufficient volume for analyses requested, Analyses received within holding time, Aqueous samples received within 15-minute holding time, Proper preservation noted on COC or sample container, Volatile analysis container(s) free of headspace, Tedlar bag(s) free of condensation.

CONTAINER TYPE:

Solid: [] 4ozCGJ [] 8ozCGJ [] 16ozCGJ [] Sleeve (____) [] EnCores® [] TerraCores® [x] 2ozCGJ

Aqueous: [] VOA [] VOAh [] VOAna2 [] 125AGB [] 125AGBh [] 125AGBp [] 1AGB [] 1AGBna2 [] 1AGBs

[] 500AGB [] 500AGJ [] 500AGJs [] 250AGB [] 250CGB [] 250CGBs [] 1PB [] 1PBna [] 500PB

[] 250PB [] 250PBn [] 125PB [] 125PBzna [] 100PJ [] 100PJna2 [] _____ [] _____ [] _____

Air: [] Tedlar® [] Canister Other: [] _____ Trip Blank Lot#: _____ Labeled/Checked by: 862

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope Reviewed by: 862

Preservative: h: HCL n: HNO3 na2:Na2S2O3 na: NaOH p: H3PO4 s: H2SO4 u: Ultra-pure zna: ZnAc2+NaOH f: Filtered Scanned by: 862

Return to Contents



Curtis & Tompkins, Ltd.

Analytical Laboratories, Since 1878



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 258355
ANALYTICAL REPORT

Ground Zero Analysis, Inc.
1172 Kansas Ave
Modesto, Ca 95351

Project : 942
Location : Stockbridge The Green
Level : II

<u>Sample ID</u>	<u>Lab ID</u>
RS-T1-20SW	258355-001
RS-T1-10SW	258355-002
RS-T1-C	258355-003
RS-T1-10NE	258355-004
RS-T1-20NE	258355-005
RS-T2-20SW	258355-006
RS-T2-10SW	258355-007
RS-T2-C	258355-008
RS-T2-10NE	258355-009
RS-T2-20NE	258355-010

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____

Will S Rice
Project Manager
will.rice@ctberk.com

Date: 07/08/2014

CASE NARRATIVE

Laboratory number: 258355
Client: Ground Zero Analysis, Inc.
Project: 942
Location: Stockbridge The Green
Request Date: 06/20/14
Samples Received: 06/20/14

This data package contains sample and QC results for ten soil samples, requested for the above referenced project on 06/20/14. The samples were received cold and intact.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

A number of samples were diluted due to the dark and viscous nature of the sample extracts. No other analytical problems were encountered.

PCBs (EPA 8082):

All samples underwent sulfuric acid cleanup using EPA Method 3665A. All samples underwent sulfur cleanup using the copper option in EPA Method 3660B. No analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):

High recovery was observed for mercury in the MS for batch 212720; the parent sample was not a project sample, the BS/BSD were within limits, and the associated RPD was within limits. High recovery was observed for lead in the MS of RS-T3-20SW (lab # 258354-001); the BS/BSD were within limits, and the associated RPD was within limits. No other analytical problems were encountered.

Oil & Grease in Soil (EPA 9070):

Cal Science in Garden Grove, CA performed the analysis (NELAP certified). Please see the Cal Science case narrative.

258355

GROUND ZERO ANALYSIS

No 3343

CHAIN OF CUSTODY RECORD ANALYSIS REQUEST

PROJECT NO. 942		PROJECT NAME/SITE Stockbridge The Green		ANALYSIS REQUESTED		PO. #:	
SAMPLERS Joe Vasquez (SIGN) Greg Stahl (PRINT)		Joe Vasquez Greg Stahl		NO. CONTAINERS		SAMPLE TYPE	
SAMPLE IDENTIFICATION	DATE	TIME	COMP	GRAB	PRES. USED	KCED	REMARKS
RS-T1-20SW	6/17/14	12:52	X	none	X	X	Run silica
RS-T1-10SW	↓	12:46	↓	↓	↓	↓	gel cleanup
RS-T1-C	↓	12:44	↓	↓	↓	↓	on HEM
RS-T1-10NE	↓	12:48	↓	↓	↓	↓	
RS-T1-ZONE	↓	12:55	↓	↓	↓	↓	
RS-T2-20SW	6/17/14	12:07	X	none	X	X	
RS-T2-10SW	↓	12:11	↓	↓	↓	↓	
RS-T2-C	↓	12:15	↓	↓	↓	↓	
RS-T2-10NE	↓	12:22	↓	↓	↓	↓	
RS-T2-ZONE	↓	12:25	↓	↓	↓	↓	

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Joe Vasquez	6/20/14	1330	[Signature]		
[Signature]	6/20/14	1530	Ann M		

LABORATORY:	REQUESTED TURNAROUND TIME:	RECEIPT CONDITION:
Curtis & Tompkins	standard	

PLEASE SEND RESULTS TO:	PROJECT MANAGER:
Ground zero Analysis, Inc. 1172 Kansas Ave Modesto, CA 95351	Greg Stahl

noted on ie 6/18/14

COOLER RECEIPT CHECKLIST



Curtis & Tompkins, Ltd.

Login # 258355 Date Received 8/20/14 Number of coolers 3
Client Ground Zero Analysis Project 942

Date Opened 8/23/14 By (print) MC (sign) [Signature]
Date Logged in [Signature] By (print) [Signature] (sign) [Signature]

1. Did cooler come with a shipping slip (airbill, etc) YES NO
Shipping info

2A. Were custody seals present? ... YES (circle) on cooler on samples NO
How many Name Date

2B. Were custody seals intact upon arrival? YES NO N/A

3. Were custody papers dry and intact when received? YES NO

4. Were custody papers filled out properly (ink, signed, etc)? YES NO

5. Is the project identifiable from custody papers? (If so fill out top of form) YES NO

6. Indicate the packing in cooler: (if other, describe)
Bubble Wrap Foam blocks Bags None
Cloth material Cardboard Styrofoam Paper towels

7. Temperature documentation: * Notify PM if temperature exceeds 6°C
Type of ice used: Wet Blue/Gel None Temp(°C) 4.5/5.9/5.5

Samples received on ice & cold without a temperature blank; temp taken with IR gun

Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? YES NO
If YES, what time were they transferred to freezer?

9. Did all bottles arrive unbroken/unopened? YES NO

10. Are there any missing / extra samples? YES NO

11. Are samples in the appropriate containers for indicated tests? YES NO

12. Are sample labels present, in good condition and complete? YES NO

13. Do the sample labels agree with custody papers? YES NO

14. Was sufficient amount of sample sent for tests requested? YES NO

15. Are the samples appropriately preserved? YES NO N/A

16. Did you check preservatives for all bottles for each sample? YES NO N/A

17. Did you document your preservative check? YES NO N/A

18. Did you change the hold time in LIMS for unpreserved VOAs? YES NO N/A

19. Did you change the hold time in LIMS for preserved terracores? YES NO N/A

20. Are bubbles > 6mm absent in VOA samples? YES NO N/A

21. Was the client contacted concerning this sample delivery? YES NO

If YES, Who was called? By Date:

COMMENTS

Blank lines for handwritten comments.

Detections Summary for 258355

Client : Ground Zero Analysis, Inc.
 Project : 942
 Location : Stockbridge The Green

Client Sample ID : RS-T1-20SW Laboratory Sample ID : 258355-001

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Antimony	8.5		0.50	0.16	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Arsenic	4.1		0.25	0.083	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	170		0.25	0.049	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.47		0.10	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.44		0.25	0.016	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	47		0.25	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	12		0.25	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	28		0.26	0.086	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	13		0.25	0.073	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.029		0.018	0.0012	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Nickel	58		0.25	0.068	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	46		0.25	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	58		1.0	0.098	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : RS-T1-10SW Laboratory Sample ID : 258355-002

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Antimony	6.7		0.50	0.16	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Arsenic	4.9		0.25	0.083	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	180		0.25	0.049	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.48		0.10	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.46		0.25	0.016	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	47		0.25	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	13		0.25	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	28		0.26	0.086	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	14		0.25	0.073	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.031		0.016	0.0010	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Nickel	55		0.25	0.068	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	47		0.25	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	59		1.0	0.098	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : RS-T1-C

Laboratory Sample ID :

258355-003

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Antimony	1.1		0.50	0.16	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Arsenic	4.4		0.25	0.083	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	200		0.25	0.049	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.49		0.10	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.46		0.25	0.016	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	46		0.25	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	12		0.25	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	27		0.26	0.086	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	15		0.25	0.073	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.024		0.018	0.0011	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Nickel	50		0.25	0.068	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	46		0.25	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	59		1.0	0.098	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : RS-T1-10NE

Laboratory Sample ID :

258355-004

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Antimony	0.82		0.51	0.16	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Arsenic	4.4		0.25	0.084	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	160		0.25	0.049	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.45		0.10	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.43		0.25	0.016	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	49		0.25	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	12		0.25	0.020	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	29		0.26	0.087	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	13		0.25	0.074	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.025		0.015	0.0010	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Nickel	60		0.25	0.068	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	45		0.25	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	56		1.0	0.099	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : RS-T1-20NE

Laboratory Sample ID :

258355-005

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Antimony	0.71		0.50	0.16	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Arsenic	3.8		0.25	0.082	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	150		0.25	0.048	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.39		0.099	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.46		0.25	0.016	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	51		0.25	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	13		0.25	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	31		0.26	0.086	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	12		0.25	0.072	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.029		0.018	0.0012	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Nickel	65		0.25	0.067	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	42		0.25	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	53		0.99	0.097	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : RS-T2-20SW

Laboratory Sample ID :

258355-006

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Fluoranthene	5.8		4.9	0.99	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Pyrene	5.0		4.9	0.99	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Chrysene	5.7		4.9	0.99	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Benzo(b)fluoranthene	8.6		4.9	0.99	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Benzo(a)pyrene	6.8		4.9	0.99	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Antimony	1.1		0.50	0.16	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Arsenic	5.1		0.25	0.083	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	170		0.25	0.049	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.45		0.10	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.45		0.25	0.016	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	38		0.25	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	11		0.25	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	24		0.26	0.086	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	11		0.25	0.073	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.019		0.018	0.0011	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Nickel	42		0.25	0.068	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	44		0.25	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	53		1.0	0.098	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : RS-T2-10SW

Laboratory Sample ID :

258355-007

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Fluoranthene	5.0		4.9	0.99	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Pyrene	5.1		4.9	0.99	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Antimony	0.88		0.50	0.16	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Arsenic	5.5		0.25	0.083	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	180		0.25	0.049	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.45		0.10	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.45		0.25	0.016	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	36		0.25	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	10		0.25	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	25		0.26	0.086	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	11		0.25	0.073	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.026		0.016	0.0011	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Nickel	47		0.25	0.068	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	39		0.25	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	53		1.0	0.098	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : RS-T2-C

Laboratory Sample ID :

258355-008

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Antimony	0.61		0.51	0.16	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Arsenic	5.0		0.25	0.084	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	180		0.25	0.049	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.48		0.10	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.49		0.25	0.016	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	43		0.25	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	11		0.25	0.020	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	24		0.26	0.087	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	10		0.25	0.074	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Nickel	42		0.25	0.068	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	45		0.25	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	52		1.0	0.099	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : RS-T2-10NE

Laboratory Sample ID :

258355-009

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Pyrene	5.1		5.0	0.99	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Chrysene	5.2		5.0	0.99	ug/Kg	As Recd	1.000	EPA 8270C-SIM	EPA 3550B
Antimony	5.1		0.50	0.16	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Arsenic	3.9		0.25	0.083	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	180		0.25	0.049	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.43		0.10	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.43		0.25	0.016	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	37		0.25	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	11		0.25	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	23		0.26	0.086	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	9.0		0.25	0.073	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.018		0.016	0.0010	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Nickel	46		0.25	0.068	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	42		0.25	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	50		1.0	0.098	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : RS-T2-20NE

Laboratory Sample ID :

258355-010

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Antimony	0.55		0.51	0.16	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Arsenic	4.4		0.25	0.084	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	160		0.25	0.049	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.42		0.10	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.46		0.25	0.016	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	45		0.25	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	12		0.25	0.020	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	25		0.26	0.087	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	11		0.25	0.074	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.022		0.018	0.0012	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Nickel	52		0.25	0.068	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	44		0.25	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	52		1.0	0.099	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Semivolatile Organics by GC/MS SIM

Lab #:	258355	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	RS-T1-20SW	Batch#:	212612
Lab ID:	258355-001	Sampled:	06/17/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/25/14
Diln Fac:	3.000		

Analyte	Result	RL
Naphthalene	ND	15
Acenaphthylene	ND	15
Acenaphthene	ND	15
Fluorene	ND	15
Phenanthrene	ND	15
Anthracene	ND	15
Fluoranthene	ND	15
Pyrene	ND	15
Benzo(a)anthracene	ND	15
Chrysene	ND	15
Benzo(b)fluoranthene	ND	15
Benzo(k)fluoranthene	ND	15
Benzo(a)pyrene	ND	15
Indeno(1,2,3-cd)pyrene	ND	15
Dibenz(a,h)anthracene	ND	15
Benzo(g,h,i)perylene	ND	15

Surrogate	%REC	Limits
Nitrobenzene-d5	62	46-120
2-Fluorobiphenyl	67	52-120
Terphenyl-d14	66	54-132

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	258355	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	RS-T1-10SW	Batch#:	212612
Lab ID:	258355-002	Sampled:	06/17/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/25/14
Diln Fac:	2.000		

Analyte	Result	RL
Naphthalene	ND	20
Acenaphthylene	ND	20
Acenaphthene	ND	20
Fluorene	ND	20
Phenanthrene	ND	20
Anthracene	ND	20
Fluoranthene	ND	20
Pyrene	ND	20
Benzo(a)anthracene	ND	20
Chrysene	ND	20
Benzo(b)fluoranthene	ND	20
Benzo(k)fluoranthene	ND	20
Benzo(a)pyrene	ND	20
Indeno(1,2,3-cd)pyrene	ND	20
Dibenz(a,h)anthracene	ND	20
Benzo(g,h,i)perylene	ND	20

Surrogate	%REC	Limits
Nitrobenzene-d5	72	46-120
2-Fluorobiphenyl	87	52-120
Terphenyl-d14	83	54-132

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	258355	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	RS-T1-C	Batch#:	212612
Lab ID:	258355-003	Sampled:	06/17/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/25/14
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	10
Acenaphthylene	ND	10
Acenaphthene	ND	10
Fluorene	ND	10
Phenanthrene	ND	10
Anthracene	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Benzo(a)anthracene	ND	10
Chrysene	ND	10
Benzo(b)fluoranthene	ND	10
Benzo(k)fluoranthene	ND	10
Benzo(a)pyrene	ND	10
Indeno(1,2,3-cd)pyrene	ND	10
Dibenz(a,h)anthracene	ND	10
Benzo(g,h,i)perylene	ND	10

Surrogate	%REC	Limits
Nitrobenzene-d5	76	46-120
2-Fluorobiphenyl	86	52-120
Terphenyl-d14	83	54-132

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	258355	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	RS-T1-10NE	Batch#:	212612
Lab ID:	258355-004	Sampled:	06/17/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	3.000		

Analyte	Result	RL
Naphthalene	ND	15
Acenaphthylene	ND	15
Acenaphthene	ND	15
Fluorene	ND	15
Phenanthrene	ND	15
Anthracene	ND	15
Fluoranthene	ND	15
Pyrene	ND	15
Benzo(a)anthracene	ND	15
Chrysene	ND	15
Benzo(b)fluoranthene	ND	15
Benzo(k)fluoranthene	ND	15
Benzo(a)pyrene	ND	15
Indeno(1,2,3-cd)pyrene	ND	15
Dibenz(a,h)anthracene	ND	15
Benzo(g,h,i)perylene	ND	15

Surrogate	%REC	Limits
Nitrobenzene-d5	74	46-120
2-Fluorobiphenyl	81	52-120
Terphenyl-d14	78	54-132

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	258355	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	RS-T1-20NE	Batch#:	212612
Lab ID:	258355-005	Sampled:	06/17/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/25/14
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.0
Acenaphthylene	ND	5.0
Acenaphthene	ND	5.0
Fluorene	ND	5.0
Phenanthrene	ND	5.0
Anthracene	ND	5.0
Fluoranthene	ND	5.0
Pyrene	ND	5.0
Benzo(a)anthracene	ND	5.0
Chrysene	ND	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzo(a)pyrene	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0

Surrogate	%REC	Limits
Nitrobenzene-d5	76	46-120
2-Fluorobiphenyl	80	52-120
Terphenyl-d14	85	54-132

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	258355	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	RS-T2-20SW	Batch#:	212612
Lab ID:	258355-006	Sampled:	06/17/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/25/14
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	4.9
Acenaphthylene	ND	4.9
Acenaphthene	ND	4.9
Fluorene	ND	4.9
Phenanthrene	ND	4.9
Anthracene	ND	4.9
Fluoranthene	5.8	4.9
Pyrene	5.0	4.9
Benzo(a)anthracene	ND	4.9
Chrysene	5.7	4.9
Benzo(b)fluoranthene	8.6	4.9
Benzo(k)fluoranthene	ND	4.9
Benzo(a)pyrene	6.8	4.9
Indeno(1,2,3-cd)pyrene	ND	4.9
Dibenz(a,h)anthracene	ND	4.9
Benzo(g,h,i)perylene	ND	4.9

Surrogate	%REC	Limits
Nitrobenzene-d5	66	46-120
2-Fluorobiphenyl	78	52-120
Terphenyl-d14	79	54-132

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	258355	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	RS-T2-10SW	Batch#:	212612
Lab ID:	258355-007	Sampled:	06/17/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	4.9
Acenaphthylene	ND	4.9
Acenaphthene	ND	4.9
Fluorene	ND	4.9
Phenanthrene	ND	4.9
Anthracene	ND	4.9
Fluoranthene	5.0	4.9
Pyrene	5.1	4.9
Benzo(a)anthracene	ND	4.9
Chrysene	ND	4.9
Benzo(b)fluoranthene	ND	4.9
Benzo(k)fluoranthene	ND	4.9
Benzo(a)pyrene	ND	4.9
Indeno(1,2,3-cd)pyrene	ND	4.9
Dibenz(a,h)anthracene	ND	4.9
Benzo(g,h,i)perylene	ND	4.9

Surrogate	%REC	Limits
Nitrobenzene-d5	90	46-120
2-Fluorobiphenyl	80	52-120
Terphenyl-d14	76	54-132

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	258355	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	RS-T2-C	Batch#:	212612
Lab ID:	258355-008	Sampled:	06/17/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	2.000		

Analyte	Result	RL
Naphthalene	ND	10
Acenaphthylene	ND	10
Acenaphthene	ND	10
Fluorene	ND	10
Phenanthrene	ND	10
Anthracene	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Benzo(a)anthracene	ND	10
Chrysene	ND	10
Benzo(b)fluoranthene	ND	10
Benzo(k)fluoranthene	ND	10
Benzo(a)pyrene	ND	10
Indeno(1,2,3-cd)pyrene	ND	10
Dibenz(a,h)anthracene	ND	10
Benzo(g,h,i)perylene	ND	10

Surrogate	%REC	Limits
Nitrobenzene-d5	82	46-120
2-Fluorobiphenyl	81	52-120
Terphenyl-d14	72	54-132

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	258355	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	RS-T2-10NE	Batch#:	212612
Lab ID:	258355-009	Sampled:	06/17/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.0
Acenaphthylene	ND	5.0
Acenaphthene	ND	5.0
Fluorene	ND	5.0
Phenanthrene	ND	5.0
Anthracene	ND	5.0
Fluoranthene	ND	5.0
Pyrene	5.1	5.0
Benzo(a)anthracene	ND	5.0
Chrysene	5.2	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzo(a)pyrene	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0

Surrogate	%REC	Limits
Nitrobenzene-d5	80	46-120
2-Fluorobiphenyl	77	52-120
Terphenyl-d14	75	54-132

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	258355	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	RS-T2-20NE	Batch#:	212639
Lab ID:	258355-010	Sampled:	06/17/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	3.000		

Analyte	Result	RL
Naphthalene	ND	15
Acenaphthylene	ND	15
Acenaphthene	ND	15
Fluorene	ND	15
Phenanthrene	ND	15
Anthracene	ND	15
Fluoranthene	ND	15
Pyrene	ND	15
Benzo(a)anthracene	ND	15
Chrysene	ND	15
Benzo(b)fluoranthene	ND	15
Benzo(k)fluoranthene	ND	15
Benzo(a)pyrene	ND	15
Indeno(1,2,3-cd)pyrene	ND	15
Dibenz(a,h)anthracene	ND	15
Benzo(g,h,i)perylene	ND	15

Surrogate	%REC	Limits
Nitrobenzene-d5	87	46-120
2-Fluorobiphenyl	93	52-120
Terphenyl-d14	86	54-132

ND= Not Detected
 RL= Reporting Limit

Batch QC Report
Semivolatile Organics by GC/MS SIM

Lab #:	258355	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC746529	Batch#:	212612
Matrix:	Soil	Prepared:	06/25/14
Units:	ug/Kg	Analyzed:	06/25/14

Analyte	Result	RL
Naphthalene	ND	4.9
Acenaphthylene	ND	4.9
Acenaphthene	ND	4.9
Fluorene	ND	4.9
Phenanthrene	ND	4.9
Anthracene	ND	4.9
Fluoranthene	ND	4.9
Pyrene	ND	4.9
Benzo(a)anthracene	ND	4.9
Chrysene	ND	4.9
Benzo(b)fluoranthene	ND	4.9
Benzo(k)fluoranthene	ND	4.9
Benzo(a)pyrene	ND	4.9
Indeno(1,2,3-cd)pyrene	ND	4.9
Dibenz(a,h)anthracene	ND	4.9
Benzo(g,h,i)perylene	ND	4.9

Surrogate	%REC	Limits
Nitrobenzene-d5	78	46-120
2-Fluorobiphenyl	76	52-120
Terphenyl-d14	64	54-132

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Semivolatile Organics by GC/MS SIM

Lab #:	258355	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC746530	Batch#:	212612
Matrix:	Soil	Prepared:	06/25/14
Units:	ug/Kg	Analyzed:	06/25/14

Analyte	Spiked	Result	%REC	Limits
Acenaphthene	33.19	25.43	77	43-120
Pyrene	33.19	23.12	70	39-120

Surrogate	%REC	Limits
Nitrobenzene-d5	78	46-120
2-Fluorobiphenyl	69	52-120
Terphenyl-d14	67	54-132

Batch QC Report
Semivolatile Organics by GC/MS SIM

Lab #:	258355	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	ZZZZZZZZZZ	Batch#:	212612
MSS Lab ID:	258236-030	Sampled:	06/19/14
Matrix:	Soil	Received:	06/19/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	3.000		

Type: MS Lab ID: QC746531

Analyte	MSS Result	Spiked	Result	%REC	Limits
Acenaphthene	<1.997	33.33	24.77	74	47-120
Pyrene	19.79	33.33	43.57	71	21-143

Surrogate	%REC	Limits
Nitrobenzene-d5	73	46-120
2-Fluorobiphenyl	74	52-120
Terphenyl-d14	77	54-132

Type: MSD Lab ID: QC746532

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Acenaphthene	32.94	25.50	77	47-120	4	54
Pyrene	32.94	48.10	86	21-143	11	67

Surrogate	%REC	Limits
Nitrobenzene-d5	78	46-120
2-Fluorobiphenyl	80	52-120
Terphenyl-d14	92	54-132

RPD= Relative Percent Difference

Batch QC Report
Semivolatile Organics by GC/MS SIM

Lab #:	258355	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC746648	Batch#:	212639
Matrix:	Soil	Prepared:	06/25/14
Units:	ug/Kg	Analyzed:	06/26/14

Analyte	Result	RL
Naphthalene	ND	5.0
Acenaphthylene	ND	5.0
Acenaphthene	ND	5.0
Fluorene	ND	5.0
Phenanthrene	ND	5.0
Anthracene	ND	5.0
Fluoranthene	ND	5.0
Pyrene	ND	5.0
Benzo(a)anthracene	ND	5.0
Chrysene	ND	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzo(a)pyrene	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0

Surrogate	%REC	Limits
Nitrobenzene-d5	74	46-120
2-Fluorobiphenyl	84	52-120
Terphenyl-d14	83	54-132

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Semivolatile Organics by GC/MS SIM			
Lab #:	258355	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC746649	Batch#:	212639
Matrix:	Soil	Prepared:	06/25/14
Units:	ug/Kg	Analyzed:	06/26/14

Analyte	Spiked	Result	%REC	Limits
Acenaphthene	32.89	26.20	80	43-120
Pyrene	32.89	23.06	70	39-120

Surrogate	%REC	Limits
Nitrobenzene-d5	73	46-120
2-Fluorobiphenyl	77	52-120
Terphenyl-d14	74	54-132

Batch QC Report

Semivolatile Organics by GC/MS SIM

Lab #:	258355	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8270C-SIM
Field ID:	SP1 A-3'	Batch#:	212639
MSS Lab ID:	258353-001	Sampled:	06/18/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/25/14
Basis:	as received	Analyzed:	06/26/14
Diln Fac:	1.000		

Type: MS Lab ID: QC746650

Analyte	MSS Result	Spiked	Result	%REC	Limits
Acenaphthene	<1.006	33.68	26.63	79	47-120
Pyrene	4.624	33.68	27.43	68	21-143

Surrogate	%REC	Limits
Nitrobenzene-d5	71	46-120
2-Fluorobiphenyl	72	52-120
Terphenyl-d14	69	54-132

Type: MSD Lab ID: QC746651

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Acenaphthene	33.18	26.38	80	47-120	1	54
Pyrene	33.18	27.08	68	21-143	0	67

Surrogate	%REC	Limits
Nitrobenzene-d5	72	46-120
2-Fluorobiphenyl	75	52-120
Terphenyl-d14	73	54-132

RPD= Relative Percent Difference

Batch QC Report

Polychlorinated Biphenyls (PCBs)			
Lab #:	258355	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8082
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC746836	Batch#:	212687
Matrix:	Soil	Prepared:	06/26/14
Units:	ug/Kg	Analyzed:	06/27/14

Analyte	Spiked	Result	%REC	Limits
Aroclor-1016	166.0	183.2	110	58-144
Aroclor-1260	166.0	177.3	107	55-146

Surrogate	%REC	Limits
TCMX	98	60-140
Decachlorobiphenyl	69	36-133

Batch QC Report

Polychlorinated Biphenyls (PCBs)			
Lab #:	258355	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3550B
Project#:	942	Analysis:	EPA 8082
Field ID:	RS-T1-20SW	Batch#:	212687
MSS Lab ID:	258355-001	Sampled:	06/17/14
Matrix:	Soil	Received:	06/20/14
Units:	ug/Kg	Prepared:	06/26/14
Basis:	as received	Analyzed:	06/27/14
Diln Fac:	1.000		

Type: MS Lab ID: QC746837

Analyte	MSS Result	Spiked	Result	%REC	Limits
Aroclor-1016	<2.356	169.4	165.7	98	51-155
Aroclor-1260	<1.541	169.4	169.3	100	38-155

Surrogate	%REC	Limits
TCMX	92	60-140
Decachlorobiphenyl	41	36-133

Type: MSD Lab ID: QC746838

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Aroclor-1016	166.3	175.3	105	51-155	7	38
Aroclor-1260	166.3	169.5	102	38-155	2	55

Surrogate	%REC	Limits
TCMX	102	60-140
Decachlorobiphenyl	65	36-133

RPD= Relative Percent Difference

California Title 22 Metals

Lab #:	258355	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	RS-T1-20SW	Basis:	as received
Lab ID:	258355-001	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/17/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	8.5	0.50	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Arsenic	4.1	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Barium	170	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Beryllium	0.47	0.10	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cadmium	0.44	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Chromium	47	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cobalt	12	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Copper	28	0.26	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Lead	13	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Mercury	0.029	0.018	212720	06/27/14	06/27/14	METHOD	EPA 7471A
Molybdenum	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Nickel	58	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Selenium	ND	0.50	212606	06/25/14	07/08/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Thallium	ND	0.50	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Vanadium	46	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Zinc	58	1.0	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	258355	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	RS-T1-10SW	Basis:	as received
Lab ID:	258355-002	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/17/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	6.7	0.50	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Arsenic	4.9	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Barium	180	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Beryllium	0.48	0.10	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cadmium	0.46	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Chromium	47	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cobalt	13	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Copper	28	0.26	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Lead	14	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Mercury	0.031	0.016	212720	06/27/14	06/27/14	METHOD	EPA 7471A
Molybdenum	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Nickel	55	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Selenium	ND	0.50	212606	06/25/14	07/08/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Thallium	ND	0.50	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Vanadium	47	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Zinc	59	1.0	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	258355	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	RS-T1-C	Basis:	as received
Lab ID:	258355-003	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/17/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	1.1	0.50	212606	06/25/14	07/08/14	EPA 3050B	EPA 6010B
Arsenic	4.4	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Barium	200	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Beryllium	0.49	0.10	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cadmium	0.46	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Chromium	46	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cobalt	12	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Copper	27	0.26	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Lead	15	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Mercury	0.024	0.018	212720	06/27/14	06/27/14	METHOD	EPA 7471A
Molybdenum	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Nickel	50	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Selenium	ND	0.50	212606	06/25/14	07/08/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Thallium	ND	0.50	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Vanadium	46	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Zinc	59	1.0	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	258355	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	RS-T1-10NE	Basis:	as received
Lab ID:	258355-004	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/17/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	0.82	0.51	212606	06/25/14	07/08/14	EPA 3050B	EPA 6010B
Arsenic	4.4	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Barium	160	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Beryllium	0.45	0.10	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cadmium	0.43	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Chromium	49	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cobalt	12	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Copper	29	0.26	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Lead	13	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Mercury	0.025	0.015	212720	06/27/14	06/27/14	METHOD	EPA 7471A
Molybdenum	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Nickel	60	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Selenium	ND	0.51	212606	06/25/14	07/08/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Thallium	ND	0.51	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Vanadium	45	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Zinc	56	1.0	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	258355	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	RS-T1-20NE	Basis:	as received
Lab ID:	258355-005	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/17/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	0.71	0.50	212606	06/25/14	07/08/14	EPA 3050B	EPA 6010B
Arsenic	3.8	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Barium	150	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Beryllium	0.39	0.099	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cadmium	0.46	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Chromium	51	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cobalt	13	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Copper	31	0.26	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Lead	12	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Mercury	0.029	0.018	212720	06/27/14	06/27/14	METHOD	EPA 7471A
Molybdenum	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Nickel	65	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Selenium	ND	0.50	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Thallium	ND	0.50	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Vanadium	42	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Zinc	53	0.99	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals			
Lab #:	258355	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	RS-T2-20SW	Basis:	as received
Lab ID:	258355-006	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/17/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	1.1	0.50	212606	06/25/14	07/08/14	EPA 3050B	EPA 6010B
Arsenic	5.1	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Barium	170	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Beryllium	0.45	0.10	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cadmium	0.45	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Chromium	38	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cobalt	11	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Copper	24	0.26	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Lead	11	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Mercury	0.019	0.018	212720	06/27/14	06/27/14	METHOD	EPA 7471A
Molybdenum	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Nickel	42	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Selenium	ND	0.50	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Thallium	ND	0.50	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Vanadium	44	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Zinc	53	1.0	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	258355	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	RS-T2-10SW	Basis:	as received
Lab ID:	258355-007	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/17/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	0.88	0.50	212606	06/25/14	07/08/14	EPA 3050B	EPA 6010B
Arsenic	5.5	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Barium	180	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Beryllium	0.45	0.10	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cadmium	0.45	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Chromium	36	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cobalt	10	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Copper	25	0.26	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Lead	11	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Mercury	0.026	0.016	212720	06/27/14	06/27/14	METHOD	EPA 7471A
Molybdenum	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Nickel	47	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Selenium	ND	0.50	212606	06/25/14	07/08/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Thallium	ND	0.50	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Vanadium	39	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Zinc	53	1.0	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals			
Lab #:	258355	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	RS-T2-C	Basis:	as received
Lab ID:	258355-008	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/17/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	0.61	0.51	212606	06/25/14	07/08/14	EPA 3050B	EPA 6010B
Arsenic	5.0	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Barium	180	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Beryllium	0.48	0.10	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cadmium	0.49	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Chromium	43	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cobalt	11	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Copper	24	0.26	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Lead	10	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Mercury	ND	0.018	212720	06/27/14	06/27/14	METHOD	EPA 7471A
Molybdenum	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Nickel	42	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Selenium	ND	0.51	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Thallium	ND	0.51	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Vanadium	45	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Zinc	52	1.0	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	258355	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	RS-T2-10NE	Basis:	as received
Lab ID:	258355-009	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/17/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	5.1	0.50	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Arsenic	3.9	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Barium	180	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Beryllium	0.43	0.10	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cadmium	0.43	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Chromium	37	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cobalt	11	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Copper	23	0.26	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Lead	9.0	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Mercury	0.018	0.016	212720	06/27/14	06/27/14	METHOD	EPA 7471A
Molybdenum	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Nickel	46	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Selenium	ND	0.50	212606	06/25/14	07/08/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Thallium	ND	0.50	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Vanadium	42	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Zinc	50	1.0	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	258355	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	RS-T2-20NE	Basis:	as received
Lab ID:	258355-010	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/17/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	0.55	0.51	212606	06/25/14	07/08/14	EPA 3050B	EPA 6010B
Arsenic	4.4	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Barium	160	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Beryllium	0.42	0.10	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cadmium	0.46	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Chromium	45	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cobalt	12	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Copper	25	0.26	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Lead	11	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Mercury	0.022	0.018	212720	06/27/14	06/27/14	METHOD	EPA 7471A
Molybdenum	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Nickel	52	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Selenium	ND	0.51	212606	06/25/14	07/08/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Thallium	ND	0.51	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Vanadium	44	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Zinc	52	1.0	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

California Title 22 Metals			
Lab #:	258355	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3050B
Project#:	942	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC746501	Batch#:	212606
Matrix:	Soil	Prepared:	06/25/14
Units:	mg/Kg	Analyzed:	07/02/14

Analyte	Result	RL
Antimony	ND	0.50
Arsenic	ND	0.25
Barium	ND	0.25
Beryllium	ND	0.10
Cadmium	ND	0.25
Chromium	ND	0.25
Cobalt	ND	0.25
Copper	ND	0.26
Lead	ND	0.25
Molybdenum	ND	0.25
Nickel	ND	0.25
Selenium	ND	0.50
Silver	ND	0.25
Thallium	ND	0.50
Vanadium	ND	0.25
Zinc	ND	1.0

ND= Not Detected

RL= Reporting Limit

Batch QC Report

California Title 22 Metals			
Lab #:	258355	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3050B
Project#:	942	Analysis:	EPA 6010B
Matrix:	Soil	Batch#:	212606
Units:	mg/Kg	Prepared:	06/25/14
Diln Fac:	1.000	Analyzed:	07/02/14

Type: BS Lab ID: QC746502

Analyte	Spiked	Result	%REC	Limits
Antimony	100.0	94.56	95	80-120
Arsenic	50.00	47.93	96	80-120
Barium	100.0	91.43	91	80-120
Beryllium	2.500	2.313	93	80-120
Cadmium	10.00	9.597	96	80-120
Chromium	100.0	91.89	92	80-120
Cobalt	25.00	23.08	92	80-120
Copper	12.50	11.56	92	80-120
Lead	100.0	91.87	92	80-120
Molybdenum	20.00	19.02	95	80-120
Nickel	25.00	23.09	92	80-120
Selenium	50.00	46.52	93	80-120
Silver	10.00	8.599	86	80-120
Thallium	50.00	45.84	92	80-120
Vanadium	25.00	22.93	92	80-120
Zinc	25.00	23.50	94	80-120

Type: BSD Lab ID: QC746503

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	100.0	98.00	98	80-120	4	20
Arsenic	50.00	49.89	100	80-120	4	20
Barium	100.0	95.17	95	80-120	4	20
Beryllium	2.500	2.413	97	80-120	4	20
Cadmium	10.00	9.995	100	80-120	4	20
Chromium	100.0	95.82	96	80-120	4	20
Cobalt	25.00	23.94	96	80-120	4	20
Copper	12.50	12.05	96	80-120	4	20
Lead	100.0	95.27	95	80-120	4	20
Molybdenum	20.00	19.74	99	80-120	4	20
Nickel	25.00	24.09	96	80-120	4	20
Selenium	50.00	48.18	96	80-120	4	20
Silver	10.00	8.948	89	80-120	4	20
Thallium	50.00	47.67	95	80-120	4	20
Vanadium	25.00	23.95	96	80-120	4	20
Zinc	25.00	24.40	98	80-120	4	20

RPD= Relative Percent Difference

Batch QC Report

California Title 22 Metals			
Lab #:	258355	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3050B
Project#:	942	Analysis:	EPA 6010B
Field ID:	RS-T3-20SW	Diln Fac:	1.000
MSS Lab ID:	258354-001	Batch#:	212606
Matrix:	Soil	Sampled:	06/17/14
Units:	mg/Kg	Received:	06/20/14
Basis:	as received	Prepared:	06/25/14

Type: MS Lab ID: QC746504

Analyte	MSS Result	Spiked	Result	%REC	Limits	Analyzed
Antimony	0.4964	98.04	41.05	41	9-120	07/08/14
Arsenic	4.508	49.02	51.50	96	72-120	07/02/14
Barium	175.6	98.04	270.8	97	50-133	07/02/14
Beryllium	0.4919	2.451	2.837	96	80-120	07/02/14
Cadmium	0.3899	9.804	9.485	93	72-120	07/02/14
Chromium	38.26	98.04	127.8	91	61-120	07/02/14
Cobalt	10.68	24.51	33.10	91	60-120	07/02/14
Copper	26.04	12.25	38.99	106	47-149	07/02/14
Lead	10.81	98.04	153.8	146 *	52-122	07/02/14
Molybdenum	<0.05672	19.61	16.27	83	68-120	07/02/14
Nickel	40.25	24.51	63.95	97	46-135	07/02/14
Selenium	<0.1477	49.02	46.91	96	70-120	07/02/14
Silver	<0.07551	9.804	8.704	89	67-120	07/02/14
Thallium	<0.1647	49.02	37.92	77	64-120	07/02/14
Vanadium	47.23	24.51	72.41	103	54-137	07/02/14
Zinc	55.87	24.51	82.42	108	39-141	07/02/14

Type: MSD Lab ID: QC746505

Analyte	Spiked	Result	%REC	Limits	RPD	Lim	Analyzed
Antimony	100.0	42.05	42	9-120	0	26	07/08/14
Arsenic	50.00	52.10	95	72-120	1	30	07/02/14
Barium	100.0	272.1	97	50-133	0	43	07/02/14
Beryllium	2.500	2.866	95	80-120	1	20	07/02/14
Cadmium	10.00	9.631	92	72-120	0	22	07/02/14
Chromium	100.0	131.1	93	61-120	1	31	07/02/14
Cobalt	25.00	32.77	88	60-120	2	39	07/02/14
Copper	12.50	39.68	109	47-149	1	32	07/02/14
Lead	100.0	99.61	89	52-122	44	49	07/02/14
Molybdenum	20.00	16.63	83	68-120	0	23	07/02/14
Nickel	25.00	65.76	102	46-135	2	37	07/02/14
Selenium	50.00	47.27	95	70-120	1	26	07/02/14
Silver	10.00	8.795	88	67-120	1	25	07/02/14
Thallium	50.00	38.87	78	64-120	0	20	07/02/14
Vanadium	25.00	73.39	105	54-137	1	31	07/02/14
Zinc	25.00	83.87	112	39-141	1	37	07/02/14

*= Value outside of QC limits; see narrative

RPD= Relative Percent Difference

Batch QC Report

California Title 22 Metals			
Lab #:	258355	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	METHOD
Project#:	942	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Type:	BLANK	Batch#:	212720
Lab ID:	QC746975	Prepared:	06/27/14
Matrix:	Soil	Analyzed:	06/27/14
Units:	mg/Kg		

Result	RL
ND	0.017

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

California Title 22 Metals			
Lab #:	258355	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	METHOD
Project#:	942	Analysis:	EPA 7471A
Analyte:	Mercury	Batch#:	212720
Matrix:	Soil	Prepared:	06/27/14
Units:	mg/Kg	Analyzed:	06/27/14
Diln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC746976	0.2083	0.2102	101	80-120		
BSD	QC746977	0.2083	0.2033	98	80-120	3	20

RPD= Relative Percent Difference

Batch QC Report

California Title 22 Metals			
Lab #:	258355	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	METHOD
Project#:	942	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Field ID:	ZZZZZZZZZZ	Batch#:	212720
MSS Lab ID:	258468-001	Sampled:	05/23/14
Matrix:	Soil	Received:	05/28/14
Units:	mg/Kg	Prepared:	06/27/14
Basis:	as received	Analyzed:	06/27/14

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC746978	0.1026	0.2049	0.4092	150 *	69-136		
MSD	QC746979		0.1923	0.3478	127	69-136	12	35

*= Value outside of QC limits; see narrative

RPD= Relative Percent Difference

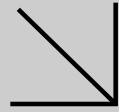
Laboratory Job Number 258355

Subcontracted Products

Cal Science



Calscience



WORK ORDER NUMBER: 14-06-1856

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Curtis & Tompkins, Ltd.

Client Project Name: 258355

Attention: Mike J. Dahlquist
2323 Fifth Street
Berkeley, CA 94710-2407

Vikas Patel

Approved for release on 07/03/2014 by:
Vikas Patel
Project Manager

ResultLink ▶

Email your PM ▶



Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.



Calscience

Contents

Client Project Name: 258355
Work Order Number: 14-06-1856

1	Work Order Narrative.	3
2	Detections Summary.	4
3	Client Sample Data.	5
	3.1 EPA 1664A (M) HEM-SGT: Oil and Grease (Solid).	5
4	Quality Control Sample Data.	7
	4.1 LCS/LCSD.	7
5	Sample Analysis Summary.	8
6	Glossary of Terms and Qualifiers.	9
7	Chain-of-Custody/Sample Receipt Form.	10

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 06/25/14. They were assigned to Work Order 14-06-1856.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of ≤ 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

New York NELAP air certification does not certify for all reported methods and analytes, reference the accredited items here: http://www.calscience.com/PDF/New_York.pdf

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Detections Summary

Client: Curtis & Tompkins, Ltd.
 2323 Fifth Street
 Berkeley, CA 94710-2407

Work Order: 14-06-1856
 Project Name: 258355
 Received: 06/25/14

Attn: Mike J. Dahlquist

Page 1 of 1

Client SampleID

<u>Analyte</u>	<u>Result</u>	<u>Qualifiers</u>	<u>RL</u>	<u>Units</u>	<u>Method</u>	<u>Extraction</u>
RS-T1-20SW (14-06-1856-1) HEM - SGT: Oil and Grease	180		10	mg/kg	EPA 1664A (M)	N/A
RS-T1-10SW (14-06-1856-2) HEM - SGT: Oil and Grease	120		10	mg/kg	EPA 1664A (M)	N/A
RS-T1-C (14-06-1856-3) HEM - SGT: Oil and Grease	76		10	mg/kg	EPA 1664A (M)	N/A
RS-T1-10NE (14-06-1856-4) HEM - SGT: Oil and Grease	110		10	mg/kg	EPA 1664A (M)	N/A
RS-T1-20NE (14-06-1856-5) HEM - SGT: Oil and Grease	150		10	mg/kg	EPA 1664A (M)	N/A
RS-T2-20SW (14-06-1856-6) HEM - SGT: Oil and Grease	53		10	mg/kg	EPA 1664A (M)	N/A
RS-T2-10SW (14-06-1856-7) HEM - SGT: Oil and Grease	100		10	mg/kg	EPA 1664A (M)	N/A
RS-T2-C (14-06-1856-8) HEM - SGT: Oil and Grease	63		10	mg/kg	EPA 1664A (M)	N/A
RS-T2-10NE (14-06-1856-9) HEM - SGT: Oil and Grease	150		10	mg/kg	EPA 1664A (M)	N/A
RS-T2-20NE (14-06-1856-10) HEM - SGT: Oil and Grease	100		10	mg/kg	EPA 1664A (M)	N/A

Subcontracted analyses, if any, are not included in this summary.

* MDL is shown

Analytical Report

Curtis & Tompkins, Ltd.
 2323 Fifth Street
 Berkeley, CA 94710-2407

Date Received: 06/25/14
 Work Order: 14-06-1856
 Preparation: N/A
 Method: EPA 1664A (M)
 Units: mg/kg

Project: 258355

Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
RS-T1-20SW	14-06-1856-1-A	06/17/14 12:52	Solid	N/A	06/26/14	06/26/14 18:30	E0626HEML2
<u>Parameter</u>		<u>Result</u>	<u>RL</u>		<u>DF</u>		<u>Qualifiers</u>
HEM - SGT: Oil and Grease		180	10		1.00		
RS-T1-10SW	14-06-1856-2-A	06/17/14 12:46	Solid	N/A	06/26/14	06/26/14 18:30	E0626HEML2
<u>Parameter</u>		<u>Result</u>	<u>RL</u>		<u>DF</u>		<u>Qualifiers</u>
HEM - SGT: Oil and Grease		120	10		1.00		
RS-T1-C	14-06-1856-3-A	06/17/14 12:44	Solid	N/A	06/26/14	06/26/14 18:30	E0626HEML2
<u>Parameter</u>		<u>Result</u>	<u>RL</u>		<u>DF</u>		<u>Qualifiers</u>
HEM - SGT: Oil and Grease		76	10		1.00		
RS-T1-10NE	14-06-1856-4-A	06/17/14 12:48	Solid	N/A	06/26/14	06/26/14 18:30	E0626HEML2
<u>Parameter</u>		<u>Result</u>	<u>RL</u>		<u>DF</u>		<u>Qualifiers</u>
HEM - SGT: Oil and Grease		110	10		1.00		
RS-T1-20NE	14-06-1856-5-A	06/17/14 12:55	Solid	N/A	06/26/14	06/26/14 18:30	E0626HEML2
<u>Parameter</u>		<u>Result</u>	<u>RL</u>		<u>DF</u>		<u>Qualifiers</u>
HEM - SGT: Oil and Grease		150	10		1.00		
RS-T2-20SW	14-06-1856-6-A	06/17/14 12:07	Solid	N/A	06/26/14	06/26/14 18:30	E0626HEML2
<u>Parameter</u>		<u>Result</u>	<u>RL</u>		<u>DF</u>		<u>Qualifiers</u>
HEM - SGT: Oil and Grease		53	10		1.00		
RS-T2-10SW	14-06-1856-7-A	06/17/14 12:11	Solid	N/A	06/26/14	06/26/14 18:30	E0626HEML2
<u>Parameter</u>		<u>Result</u>	<u>RL</u>		<u>DF</u>		<u>Qualifiers</u>
HEM - SGT: Oil and Grease		100	10		1.00		
RS-T2-C	14-06-1856-8-A	06/17/14 12:15	Solid	N/A	06/26/14	06/26/14 18:30	E0626HEML2
<u>Parameter</u>		<u>Result</u>	<u>RL</u>		<u>DF</u>		<u>Qualifiers</u>
HEM - SGT: Oil and Grease		63	10		1.00		

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Curtis & Tompkins, Ltd.
2323 Fifth Street
Berkeley, CA 94710-2407

Date Received: 06/25/14
Work Order: 14-06-1856
Preparation: N/A
Method: EPA 1664A (M)
Units: mg/kg

Project: 258355

Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
RS-T2-10NE	14-06-1856-9-A	06/17/14 12:22	Solid	N/A	06/26/14	06/26/14 18:30	E0626HEML2
<u>Parameter</u>		<u>Result</u>	<u>RL</u>		<u>DF</u>		<u>Qualifiers</u>
HEM - SGT: Oil and Grease		150	10		1.00		
RS-T2-20NE	14-06-1856-10-A	06/17/14 12:25	Solid	N/A	06/26/14	06/26/14 18:30	E0626HEML2
<u>Parameter</u>		<u>Result</u>	<u>RL</u>		<u>DF</u>		<u>Qualifiers</u>
HEM - SGT: Oil and Grease		100	10		1.00		
Method Blank	099-12-207-110	N/A	Solid	N/A	06/26/14	06/26/14 18:30	E0626HEML2
<u>Parameter</u>		<u>Result</u>	<u>RL</u>		<u>DF</u>		<u>Qualifiers</u>
HEM - SGT: Oil and Grease		ND	10		1.00		

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Quality Control - LCS/LCSD

Curtis & Tompkins, Ltd.
2323 Fifth Street
Berkeley, CA 94710-2407

Date Received: 06/25/14
Work Order: 14-06-1856
Preparation: N/A
Method: EPA 1664A (M)

Project: 258355

Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-207-110	LCS	Solid	N/A	06/26/14	06/26/14 18:30	E0626HEML2
099-12-207-110	LCSD	Solid	N/A	06/26/14	06/26/14 18:30	E0626HEML2

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
HEM - SGT: Oil and Grease	20.00	20.00	100	16.70	84	64-132	18	0-34	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Sample Analysis Summary Report

Work Order: 14-06-1856

Page 1 of 1

<u>Method</u>	<u>Extraction</u>	<u>Chemist ID</u>	<u>Instrument</u>	<u>Analytical Location</u>
EPA 1664A (M)	N/A	29	N/A	1


Return to Contents

Location 1: 7440 Lincoln Way, Garden Grove, CA 92841

Glossary of Terms and Qualifiers

Work Order: 14-06-1856

Page 1 of 1

<u>Qualifiers</u>	<u>Definition</u>
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDS or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of ≤ 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

Curtis & Tompkins, Ltd.
 Analytical Laboratories, Since 1878
 2323 Fifth Street
 Berkeley, CA 94710
 (510) 486-0900
 (510) 486-0532

14-06-1856

Project Number: 258355
 Site: Stockbridge The Green

Subcontract Laboratory:
 Cal Science
 7440 Lincoln Way
 Garden Grove, CA 92841-1432
 (714) 895-5494
 ATTN: Vik Patel

Results due: Report Level: II

Please send report to: Mike J. Dahlquist (mike.dahlquist@ctberk.com)
 *** Please report using Sample ID rather than C&T Lab #.

Sample ID	Sampled	Matrix	Analysis	C&T Lab #	Comments
1 RS-T1-20SW	06/17 12:52	Soil	OIL & GREASE	258355-001	w/ Silica Gel Cleanup
2 RS-T1-10SW	06/17 12:46	Soil	OIL & GREASE	258355-002	w/ Silica Gel Cleanup
3 RS-T1-C	06/17 12:44	Soil	OIL & GREASE	258355-003	w/ Silica Gel Cleanup
4 RS-T1-10NE	06/17 12:48	Soil	OIL & GREASE	258355-004	w/ Silica Gel Cleanup
5 RS-T1-20NE	06/17 12:55	Soil	OIL & GREASE	258355-005	w/ Silica Gel Cleanup
6 RS-T2-20SW	06/17 12:07	Soil	OIL & GREASE	258355-006	w/ Silica Gel Cleanup
7 RS-T2-10SW	06/17 12:11	Soil	OIL & GREASE	258355-007	w/ Silica Gel Cleanup
8 RS-T2-C	06/17 12:15	Soil	OIL & GREASE	258355-008	w/ Silica Gel Cleanup
9 RS-T2-10NE	06/17 12:22	Soil	OIL & GREASE	258355-009	w/ Silica Gel Cleanup
10 RS-T2-20NE	06/17 12:25	Soil	OIL & GREASE	258355-010	w/ Silica Gel Cleanup

Return to Contents

Notes:	Relinquished By:	Received By:
	<i>Mikelle Chong</i>	
	Date/Time: <i>06/24/14 1330</i>	Date/Time:
		<i>[Signature]</i>
	Date/Time:	Date/Time: <i>6/25/14 0930</i>

Signature on this form constitutes a firm Purchase Order for the services requested above.

From: (510) 486-0900
Sample Control
Curtis & Tompkins
2323 5th Street

Origin ID: JEMA



J14101402070326

Berkeley, CA 94710

Ship Date: 24JUN14
ActWgt: 22.5 LB
CAD: 7603800/NET3490

Delivery Address Bar Code



0856

Ref # 258354,355,357,358
Invoice #
PO #
Dept #

SHIP TO: (714) 895-5494

BILL THIRD PARTY

Vik Patel
Cal Science Environmental Lab
7440 LINCOLN WAY

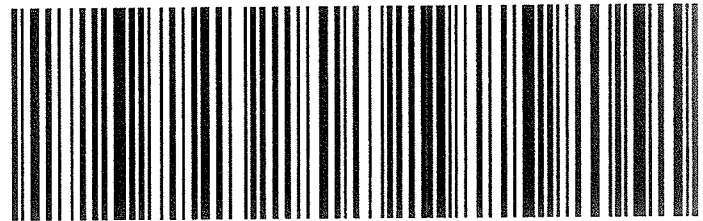
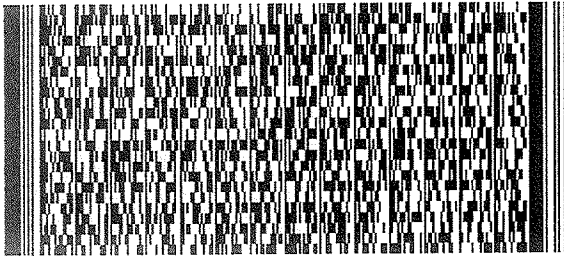
GARDEN GROVE, CA 92841

WED - 25 JUN AA
STANDARD OVERNIGHT

TRK# 7704 0891 0356
0201

92841
CA-US
SNA

92 APVA



522G5/9BC4F220

After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

Return to Contents

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: ed T

DATE: 06/25/14

TEMPERATURE: Thermometer ID: SC2 (Criteria: 0.0 °C – 6.0 °C, not frozen except sediment/tissue)

Temperature 2.0 °C - 0.3 °C (CF) = 1.7 °C Blank Sample

Sample(s) outside temperature criteria (PM/APM contacted by: _____)

Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: Air Filter

Checked by: IS

CUSTODY SEALS INTACT:

Cooler _____ No (Not Intact) Not Present N/A

Sample _____ No (Not Intact) Not Present

Checked by: IS

Checked by: 862

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Collection date/time, matrix, and/or # of containers logged in based on sample labels. <input type="checkbox"/> No analysis requested. <input type="checkbox"/> Not relinquished. <input type="checkbox"/> No date/time relinquished.			
Sampler's name indicated on COC.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sample container label(s) consistent with COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper containers and sufficient volume for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Analyses received within holding time.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aqueous samples received within 15-minute holding time			
<input type="checkbox"/> pH <input type="checkbox"/> Residual Chlorine <input type="checkbox"/> Dissolved Sulfides <input type="checkbox"/> Dissolved Oxygen.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Proper preservation noted on COC or sample container.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tedlar bag(s) free of condensation.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

CONTAINER TYPE:

Solid: 4ozCGJ 8ozCGJ 16ozCGJ Sleeve (____) EnCores® TerraCores® 2ozLGS

Aqueous: VOA VOAh VOAna₂ 125AGB 125AGBh 125AGBp 1AGB 1AGBna₂ 1AGBs

500AGB 500AGJ 500AGJs 250AGB 250CGB 250CGBs 1PB 1PBna 500PB

250PB 250PBn 125PB 125PBz_{na} 100PJ 100PJna₂ _____ _____ _____

Air: Tedlar® Canister **Other:** _____ **Trip Blank Lot#:** _____ **Labeled/Checked by:** 862

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope **Reviewed by:** YML

Preservative: h: HCL n: HNO₃ na₂:Na₂S₂O₃ na: NaOH p: H₃PO₄ s: H₂SO₄ u: Ultra-pure z_{na}: ZnAc₂+NaOH f: Filtered **Scanned by:** SM

Return to Contents



Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878





Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

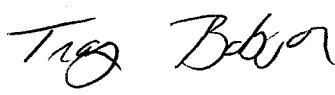
Laboratory Job Number 258356
ANALYTICAL REPORT

Ground Zero Analysis, Inc.
1172 Kansas Ave
Modesto, Ca 95351

Project : 942
Location : Stockbridge The Green
Level : II

<u>Sample ID</u>	<u>Lab ID</u>
HAB1	258356-001
HAB2	258356-002
HAB3	258356-003
HAB4	258356-004
HAB5	258356-005

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: 
Tracy Babjar
Project Manager
tracy.babjar@ctberk.com
(510) 204-2226

Date: 07/09/2014

CASE NARRATIVE

Laboratory number: 258356
Client: Ground Zero Analysis, Inc.
Project: 942
Location: Stockbridge The Green
Request Date: 06/20/14
Samples Received: 06/20/14

This data package contains sample and QC results for five soil samples, requested for the above referenced project on 06/20/14. The samples were received cold and intact.

Metals (EPA 6010B and EPA 7471A):

High recovery was observed for mercury in the MS for batch 212720; the parent sample was not a project sample, the BS/BSD were within limits, and the associated RPD was within limits. High recovery was observed for lead in the MS of RS-T3-20SW (lab # 258354-001); the BS/BSD were within limits, and the associated RPD was within limits. No other analytical problems were encountered.

COOLER RECEIPT CHECKLIST



Curtis & Tompkins, Ltd.

Login # 258356 Date Received 9/20/14 Number of coolers 3
 Client Ground Zero Analysis Project 942

Date Opened 9/23/14 By (print) MC (sign) [Signature]
 Date Logged in ↓ By (print) ↓ (sign) ↓

1. Did cooler come with a shipping slip (airbill, etc) _____ YES NO
 Shipping info _____

2A. Were custody seals present? YES (circle) on cooler on samples NO
 How many _____ Name _____ Date _____

2B. Were custody seals intact upon arrival? _____ YES NO N/A

3. Were custody papers dry and intact when received? YES NO

4. Were custody papers filled out properly (ink, signed, etc)? YES NO

5. Is the project identifiable from custody papers? (If so fill out top of form) YES NO

6. Indicate the packing in cooler: (if other, describe) _____

- Bubble Wrap Foam blocks Bags None
- Cloth material Cardboard Styrofoam Paper towels

7. Temperature documentation: * Notify PM if temperature exceeds 6°C

Type of ice used: Wet Blue/Gel None Temp(°C) 4.5/5.9/5.5

Samples received on ice & cold without a temperature blank; temp taken with IR gun

Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? _____ YES
 If YES, what time were they transferred to freezer? _____

9. Did all bottles arrive unbroken/unopened? _____ YES NO

10. Are there any missing / extra samples? _____ YES NO

11. Are samples in the appropriate containers for indicated tests? _____ YES NO

12. Are sample labels present, in good condition and complete? _____ YES NO

13. Do the sample labels agree with custody papers? _____ YES NO

14. Was sufficient amount of sample sent for tests requested? _____ YES NO

15. Are the samples appropriately preserved? _____ YES NO N/A

16. Did you check preservatives for all bottles for each sample? _____ YES NO N/A

17. Did you document your preservative check? _____ YES NO N/A

18. Did you change the hold time in LIMS for unpreserved VOAs? _____ YES NO N/A

19. Did you change the hold time in LIMS for preserved terracores? _____ YES NO N/A

20. Are bubbles > 6mm absent in VOA samples? _____ YES NO N/A

21. Was the client contacted concerning this sample delivery? _____ YES NO

If YES, Who was called? _____ By _____ Date: _____

COMMENTS

Client Sample ID : HAB3

Laboratory Sample ID :

258356-003

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Antimony	3.4		0.51	0.16	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Arsenic	4.1		0.26	0.085	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	180		0.26	0.050	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.49		0.10	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.45		0.26	0.016	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	35		0.26	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	11		0.26	0.020	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	25		0.26	0.088	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	7.5		0.26	0.075	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.027		0.017	0.0011	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Nickel	44		0.26	0.069	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Selenium	2.0		0.51	0.15	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	48		0.26	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	52		1.0	0.10	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : HAB4

Laboratory Sample ID :

258356-004

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Antimony	1.6		0.50	0.16	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Arsenic	4.7		0.25	0.083	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	190		0.25	0.049	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.47		0.10	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.63		0.25	0.016	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	62		0.25	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	13		0.25	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	34		0.26	0.086	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	25		0.25	0.073	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.039		0.016	0.0011	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Molybdenum	0.36		0.25	0.056	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Nickel	78		0.25	0.068	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	41		0.25	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	75		1.0	0.098	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : HAB5

Laboratory Sample ID :

258356-005

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Antimony	1.2		0.50	0.16	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Arsenic	3.8		0.25	0.082	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	140		0.25	0.048	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.35		0.099	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.39		0.25	0.016	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	38		0.25	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	9.9		0.25	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	22		0.26	0.086	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	10		0.25	0.072	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.023		0.016	0.0011	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Molybdenum	0.37		0.25	0.056	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Nickel	49		0.25	0.067	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	39		0.25	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	47		0.99	0.097	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

California Title 22 Metals

Lab #:	258356	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	HAB1	Basis:	as received
Lab ID:	258356-001	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/17/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	1.4	0.50	212606	06/25/14	07/08/14	EPA 3050B	EPA 6010B
Arsenic	3.9	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Barium	160	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Beryllium	0.46	0.10	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cadmium	0.46	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Chromium	37	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cobalt	10	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Copper	25	0.26	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Lead	12	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Mercury	0.019	0.018	212720	06/27/14	06/27/14	METHOD	EPA 7471A
Molybdenum	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Nickel	41	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Selenium	ND	0.50	212606	06/25/14	07/08/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Thallium	ND	0.50	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Vanadium	44	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Zinc	52	1.0	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	258356	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	HAB2	Basis:	as received
Lab ID:	258356-002	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/17/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	5.3	0.50	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Arsenic	3.8	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Barium	200	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Beryllium	0.50	0.10	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cadmium	0.51	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Chromium	35	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cobalt	12	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Copper	26	0.26	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Lead	10	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Mercury	ND	0.018	212720	06/27/14	06/27/14	METHOD	EPA 7471A
Molybdenum	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Nickel	38	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Selenium	ND	0.50	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Thallium	ND	0.50	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Vanadium	48	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Zinc	57	1.0	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals			
Lab #:	258356	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	HAB3	Basis:	as received
Lab ID:	258356-003	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/17/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	3.4	0.51	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Arsenic	4.1	0.26	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Barium	180	0.26	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Beryllium	0.49	0.10	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cadmium	0.45	0.26	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Chromium	35	0.26	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cobalt	11	0.26	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Copper	25	0.26	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Lead	7.5	0.26	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Mercury	0.027	0.017	212720	06/27/14	06/27/14	METHOD	EPA 7471A
Molybdenum	ND	0.26	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Nickel	44	0.26	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Selenium	2.0	0.51	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Silver	ND	0.26	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Thallium	ND	0.51	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Vanadium	48	0.26	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Zinc	52	1.0	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	258356	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	HAB4	Basis:	as received
Lab ID:	258356-004	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/17/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	1.6	0.50	212606	06/25/14	07/08/14	EPA 3050B	EPA 6010B
Arsenic	4.7	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Barium	190	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Beryllium	0.47	0.10	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cadmium	0.63	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Chromium	62	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cobalt	13	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Copper	34	0.26	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Lead	25	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Mercury	0.039	0.016	212720	06/27/14	06/27/14	METHOD	EPA 7471A
Molybdenum	0.36	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Nickel	78	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Selenium	ND	0.50	212606	06/25/14	07/08/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Thallium	ND	0.50	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Vanadium	41	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Zinc	75	1.0	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	258356	Project#:	942
Client:	Ground Zero Analysis, Inc.	Location:	Stockbridge The Green
Field ID:	HAB5	Basis:	as received
Lab ID:	258356-005	Diln Fac:	1.000
Matrix:	Soil	Sampled:	06/17/14
Units:	mg/Kg	Received:	06/20/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	1.2	0.50	212606	06/25/14	07/08/14	EPA 3050B	EPA 6010B
Arsenic	3.8	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Barium	140	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Beryllium	0.35	0.099	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cadmium	0.39	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Chromium	38	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Cobalt	9.9	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Copper	22	0.26	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Lead	10	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Mercury	0.023	0.016	212720	06/27/14	06/27/14	METHOD	EPA 7471A
Molybdenum	0.37	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Nickel	49	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Selenium	ND	0.50	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Thallium	ND	0.50	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Vanadium	39	0.25	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B
Zinc	47	0.99	212606	06/25/14	07/03/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

California Title 22 Metals			
Lab #:	258356	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3050B
Project#:	942	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC746501	Batch#:	212606
Matrix:	Soil	Prepared:	06/25/14
Units:	mg/Kg	Analyzed:	07/02/14

Analyte	Result	RL
Antimony	ND	0.50
Arsenic	ND	0.25
Barium	ND	0.25
Beryllium	ND	0.10
Cadmium	ND	0.25
Chromium	ND	0.25
Cobalt	ND	0.25
Copper	ND	0.26
Lead	ND	0.25
Molybdenum	ND	0.25
Nickel	ND	0.25
Selenium	ND	0.50
Silver	ND	0.25
Thallium	ND	0.50
Vanadium	ND	0.25
Zinc	ND	1.0

ND= Not Detected

RL= Reporting Limit

Batch QC Report

California Title 22 Metals			
Lab #:	258356	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3050B
Project#:	942	Analysis:	EPA 6010B
Matrix:	Soil	Batch#:	212606
Units:	mg/Kg	Prepared:	06/25/14
Diln Fac:	1.000	Analyzed:	07/02/14

Type: BS Lab ID: QC746502

Analyte	Spiked	Result	%REC	Limits
Antimony	100.0	94.56	95	80-120
Arsenic	50.00	47.93	96	80-120
Barium	100.0	91.43	91	80-120
Beryllium	2.500	2.313	93	80-120
Cadmium	10.00	9.597	96	80-120
Chromium	100.0	91.89	92	80-120
Cobalt	25.00	23.08	92	80-120
Copper	12.50	11.56	92	80-120
Lead	100.0	91.87	92	80-120
Molybdenum	20.00	19.02	95	80-120
Nickel	25.00	23.09	92	80-120
Selenium	50.00	46.52	93	80-120
Silver	10.00	8.599	86	80-120
Thallium	50.00	45.84	92	80-120
Vanadium	25.00	22.93	92	80-120
Zinc	25.00	23.50	94	80-120

Type: BSD Lab ID: QC746503

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	100.0	98.00	98	80-120	4	20
Arsenic	50.00	49.89	100	80-120	4	20
Barium	100.0	95.17	95	80-120	4	20
Beryllium	2.500	2.413	97	80-120	4	20
Cadmium	10.00	9.995	100	80-120	4	20
Chromium	100.0	95.82	96	80-120	4	20
Cobalt	25.00	23.94	96	80-120	4	20
Copper	12.50	12.05	96	80-120	4	20
Lead	100.0	95.27	95	80-120	4	20
Molybdenum	20.00	19.74	99	80-120	4	20
Nickel	25.00	24.09	96	80-120	4	20
Selenium	50.00	48.18	96	80-120	4	20
Silver	10.00	8.948	89	80-120	4	20
Thallium	50.00	47.67	95	80-120	4	20
Vanadium	25.00	23.95	96	80-120	4	20
Zinc	25.00	24.40	98	80-120	4	20

RPD= Relative Percent Difference

Batch QC Report

California Title 22 Metals			
Lab #:	258356	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	EPA 3050B
Project#:	942	Analysis:	EPA 6010B
Field ID:	RS-T3-20SW	Diln Fac:	1.000
MSS Lab ID:	258354-001	Batch#:	212606
Matrix:	Soil	Sampled:	06/17/14
Units:	mg/Kg	Received:	06/20/14
Basis:	as received	Prepared:	06/25/14

Type: MS Lab ID: QC746504

Analyte	MSS Result	Spiked	Result	%REC	Limits	Analyzed
Antimony	0.4964	98.04	41.05	41	9-120	07/08/14
Arsenic	4.508	49.02	51.50	96	72-120	07/02/14
Barium	175.6	98.04	270.8	97	50-133	07/02/14
Beryllium	0.4919	2.451	2.837	96	80-120	07/02/14
Cadmium	0.3899	9.804	9.485	93	72-120	07/02/14
Chromium	38.26	98.04	127.8	91	61-120	07/02/14
Cobalt	10.68	24.51	33.10	91	60-120	07/02/14
Copper	26.04	12.25	38.99	106	47-149	07/02/14
Lead	10.81	98.04	153.8	146 *	52-122	07/02/14
Molybdenum	<0.05672	19.61	16.27	83	68-120	07/02/14
Nickel	40.25	24.51	63.95	97	46-135	07/02/14
Selenium	<0.1477	49.02	46.91	96	70-120	07/02/14
Silver	<0.07551	9.804	8.704	89	67-120	07/02/14
Thallium	<0.1647	49.02	37.92	77	64-120	07/02/14
Vanadium	47.23	24.51	72.41	103	54-137	07/02/14
Zinc	55.87	24.51	82.42	108	39-141	07/02/14

Type: MSD Lab ID: QC746505

Analyte	Spiked	Result	%REC	Limits	RPD	Lim	Analyzed
Antimony	100.0	42.05	42	9-120	0	26	07/08/14
Arsenic	50.00	52.10	95	72-120	1	30	07/02/14
Barium	100.0	272.1	97	50-133	0	43	07/02/14
Beryllium	2.500	2.866	95	80-120	1	20	07/02/14
Cadmium	10.00	9.631	92	72-120	0	22	07/02/14
Chromium	100.0	131.1	93	61-120	1	31	07/02/14
Cobalt	25.00	32.77	88	60-120	2	39	07/02/14
Copper	12.50	39.68	109	47-149	1	32	07/02/14
Lead	100.0	99.61	89	52-122	44	49	07/02/14
Molybdenum	20.00	16.63	83	68-120	0	23	07/02/14
Nickel	25.00	65.76	102	46-135	2	37	07/02/14
Selenium	50.00	47.27	95	70-120	1	26	07/02/14
Silver	10.00	8.795	88	67-120	1	25	07/02/14
Thallium	50.00	38.87	78	64-120	0	20	07/02/14
Vanadium	25.00	73.39	105	54-137	1	31	07/02/14
Zinc	25.00	83.87	112	39-141	1	37	07/02/14

*= Value outside of QC limits; see narrative

RPD= Relative Percent Difference

Batch QC Report

California Title 22 Metals			
Lab #:	258356	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	METHOD
Project#:	942	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Type:	BLANK	Batch#:	212720
Lab ID:	QC746975	Prepared:	06/27/14
Matrix:	Soil	Analyzed:	06/27/14
Units:	mg/Kg		

Result	RL
ND	0.017

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

California Title 22 Metals			
Lab #:	258356	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	METHOD
Project#:	942	Analysis:	EPA 7471A
Analyte:	Mercury	Batch#:	212720
Matrix:	Soil	Prepared:	06/27/14
Units:	mg/Kg	Analyzed:	06/27/14
Diln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC746976	0.2083	0.2102	101	80-120		
BSD	QC746977	0.2083	0.2033	98	80-120	3	20

RPD= Relative Percent Difference

Batch QC Report

California Title 22 Metals			
Lab #:	258356	Location:	Stockbridge The Green
Client:	Ground Zero Analysis, Inc.	Prep:	METHOD
Project#:	942	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Field ID:	ZZZZZZZZZZ	Batch#:	212720
MSS Lab ID:	258468-001	Sampled:	05/23/14
Matrix:	Soil	Received:	05/28/14
Units:	mg/Kg	Prepared:	06/27/14
Basis:	as received	Analyzed:	06/27/14

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC746978	0.1026	0.2049	0.4092	150 *	69-136		
MSD	QC746979		0.1923	0.3478	127	69-136	12	35

*= Value outside of QC limits; see narrative

RPD= Relative Percent Difference

APPENDIX F

STATISTICS

STATISTICS - RAIL SPUR SAMPLES
 THE GREEN
 5411 Martinelli Way
 Dublin, CA
 (in ppb)

COMPOUND/SAMPLE ID	T120SW	T110SW	T1C	T110NE	T120NE	T220SW	T210SW	T2C	T210NE	T220NE4	T320SW	T310SW	T3C	T310NE	T320NE	MEAN	STD DEV	n	T ₉₅ @ n-1	UCL ₉₅	MAX
Phenanthrene	7.5	10	5	7.5	2.5	2.5	2.5	5	2.5	7.5	2.5	5	2.5	2.5	2.5	4.5	2.5	15	1.76	5.7	ND
Fluoranthene	7.5	10	5	7.5	2.5	5.8	5.0	5	2.5	7.5	5.8	5	2.5	2.5	6.9	5.8	2.1	15	1.76	6.7	6.9
Pyrene	7.5	10	5	7.5	2.5	5.0	5.1	5	5.1	7.5	2.5	5	2.5	2.5	7.5	5.6	2.2	15	1.76	6.6	7.5
Benzo(a)anthracene	7.5	10	5	7.5	2.5	2.5	2.5	5	2.5	7.5	2.5	5	2.5	2.5	2.5	5.0	2.6	15	1.76	6.2	ND
Chrysene	7.5	10	5	7.5	2.5	5.7	2.5	5	5.2	7.5	5.5	5	2.5	2.5	8.9	5.7	2.1	15	1.76	6.7	8.9
Benzo(b)fluoranthene	7.5	10	5	7.5	2.5	8.6	2.5	5	2.5	7.5	2.5	5	2.5	2.5	2.5	5.5	2.7	15	1.76	6.7	8.6
Benzo(k)fluoranthene	7.5	10	5	7.5	2.5	2.5	2.5	5	2.5	7.5	2.5	5	2.5	2.5	2.5	5.0	2.6	15	1.76	6.2	ND
Benzo(a)pyrene	7.5	10	5	7.5	2.5	6.8	2.5	5	2.5	7.5	2.5	5	2.5	2.5	9.4	5.4	2.5	15	1.76	6.5	9.4
Benzo(g,h,i)perylene	7.5	10	5	7.5	2.5	2.5	2.5	5	2.5	7.5	2.5	5	2.5	2.5	2.5	4.5	2.5	15	1.76	5.7	ND
HEM (ppm)	180	120	76	110	150	53	100	63	150	100	160	50	30	40	37	94.6	49.4	15	1.76	117.1	180

STATISTICS - SOIL PILE NO. 1 SAMPLES

THE GREEN
5411 Martinelli Way
Dublin, CA
(in ppb)

COMPOUND/SAMPLE ID	A	B	C	D	E	F	G	H	I	J	K	L	MEAN	STD DEV	n	T ₉₅ @ n-1	UCL ₉₅	MAX
Phenanthrene	2.5	2.5	2.5	5	2.5	5.3	7.5	2.5	8.5	2.5	6.2	5	4.4	2.2	12	1.80	5.5	8.5
Fluoranthene	5.9	7.3	5.5	5	7.0	12	7.5	2.5	17	2.5	14	5	7.6	4.5	12	1.80	9.9	17
Pyrene	2.5	5.2	2.5	5	5.6	11	7.5	2.5	13	2.5	11	5	6.1	3.7	12	1.80	8.0	13
Benzo(a)anthracene	2.5	2.5	2.5	5	2.5	6.7	7.5	2.5	8.4	2.5	7.4	5	4.6	2.4	12	1.80	5.8	8.4
Chrysene	2.5	9.0	2.5	5	5.2	8.2	7.5	2.5	9.9	7.8	9.1	5	6.2	2.7	12	1.80	7.6	9.9
Benzo(b)fluoranthene	5.7	2.5	2.5	5	2.5	12	7.5	2.5	2.5	2.5	2.5	5	4.4	2.9	12	1.80	5.9	12
Benzo(k)fluoranthene	2.5	2.5	2.5	5	2.5	6.9	7.5	2.5	2.5	2.5	2.5	5	3.7	1.9	12	1.80	4.7	6.9
Benzo(a)pyrene	2.5	5.2	2.5	11	2.5	9.2	7.5	2.5	8.5	2.5	7.9	5	5.6	3.1	12	1.80	7.2	11
Benzo(g,h,i)perylene	2.5	6.0	2.5	5	2.5	2.5	7.5	2.5	2.5	2.5	2.5	5	3.6	1.8	12	1.80	4.5	6.0
Aroclor-1254	4.8	19	86	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	12.8	23.4	12	1.80	24.9	86
Aroclor-1260	4.8	20	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	6.1	4.4	12	1.80	8.3	20
TPHmo (ppm)	58	99	61	61	83	72	110	58	67	43	64	48	68.7	19.8	12	1.80	78.9	110

