TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Canton
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North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-20457-1
Client Project/Site: Canton Drop Forge

For:
TRC Environmental Corp-Payne Firm
1382 West Ninth Street
Cleveland, Ohio 44113

Attn: Kathleen Teuscher

Patrick O'Meara

Authorized for release by:
2/12/2013 7:00:33 PM

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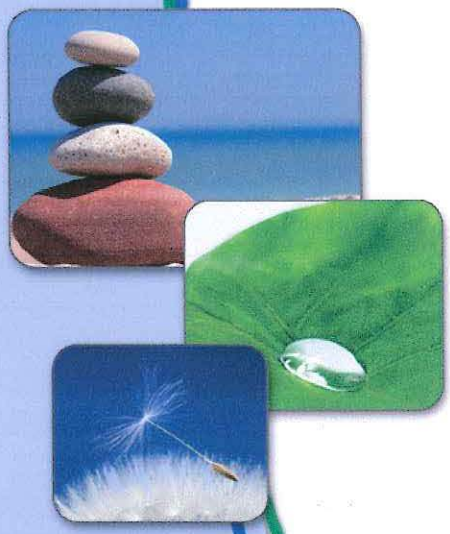

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Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

GC Semi VOA

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

Metals

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

Glossary

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

Job ID: 240-20457-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: TRC Environmental Corp-Payne Firm

Project: Canton Drop Forge

Report Number: 240-20457-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

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

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

TestAmerica utilizes USEPA approved methods, where applicable, in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated and were analyzed in accordance with Ohio Voluntary Action Program protocols, where applicable.

A summary of QC data for these analyses is included at the back of the report.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 01/30/2013 at 8:00 AM; the samples arrived in good condition, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 1.4° C, 1.8° C, 2.0° C and 2.6° C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples IA03-B07(0-2) (240-20457-5), IA03-B07(10-12) (240-20457-6), IA03-B08(0-2) (240-20457-9), IA03-B09(0-2) (240-20457-10), IA03-B08(17-18) (240-20457-11), IA03-B09(10-12) (240-20457-12) and DUP-01 (240-20457-13) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 01/30/2013 and 01/31/2013 and analyzed on 02/05/2013, 02/06/2013 and 02/08/2013.

Several analytes were detected in method blank MB 240-73730/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Methylene chloride was detected in method blank MB 240-74309/12 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. 2-Hexanone and 4-Methyl-2-pentanone (MIBK) were detected in method blank MB 240-74675/7 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged "J". If the associated sample reported a

Job ID: 240-20457-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

result above the MDL and/or RL, the result has been "B" flagged.

The laboratory control sample for batch 74309 exceeded control limits for the following analyte: Chloroethane. Chloroethane has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

The following sample was diluted due to the abundance of non-target analytes: IA03-B09(0-2) (240-20457-10). Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the VOCs analyses. All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples MW-01 (240-20457-1), MW-02 (240-20457-2), TB-01 (240-20457-3), MW-03 (240-20457-4), MW-04 (240-20457-7), MW-05 (240-20457-8) and TB-02 (240-20457-14) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 02/04/2013.

No difficulties were encountered during the VOCs analyses. All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples MW-01 (240-20457-1), MW-02 (240-20457-2), MW-03 (240-20457-4), MW-04 (240-20457-7) and MW-05 (240-20457-8) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 02/01/2013 and analyzed on 02/05/2013.

Surrogates are added during the extraction process prior to dilution. When the sample is diluted, surrogate recoveries are diluted out and no corrective action is required.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 73936.

No difficulties were encountered during the SVOCs analyses. All quality control parameters were within the acceptance limits.

DIESEL RANGE ORGANICS (DRO)

Samples IA03-B07(0-2) (240-20457-5), IA03-B07(10-12) (240-20457-6), IA03-B08(0-2) (240-20457-9) and IA03-B08(17-18) (240-20457-11) were analyzed for diesel range organics (DRO) in accordance with EPA SW-846 Method 8015B - DRO. The samples were prepared on 02/05/2013 and analyzed on 02/07/2013 and 02/08/2013.

Surrogates are added during the extraction process prior to dilution. When the sample dilution is 5X or greater, surrogate recoveries are diluted out and no corrective action is required.

Samples IA03-B07(0-2) (240-20457-5)[50X], IA03-B08(0-2) (240-20457-9)[20X] and IA03-B08(17-18) (240-20457-11)[20X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the DRO analyses. All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples MW-01 (240-20457-1), MW-02 (240-20457-2), MW-03 (240-20457-4), MW-04 (240-20457-7) and MW-05 (240-20457-8) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 02/01/2013 and analyzed on 02/05/2013.

Surrogates are added during the extraction process prior to dilution. When the sample dilution is 5X or greater, surrogate recoveries are diluted out and no corrective action is required.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 73948

No difficulties were encountered during the PCBs analyses. All quality control parameters were within the acceptance limits.

Job ID: 240-20457-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

TOTAL RECOVERABLE METALS (ICP)

Samples MW-01 (240-20457-1), MW-02 (240-20457-2), MW-03 (240-20457-4), MW-04 (240-20457-7) and MW-05 (240-20457-8) were analyzed for total recoverable metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were prepared on 01/31/2013 and analyzed on 02/01/2013.

Barium was detected in method blank MB 240-73749/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged.

No other difficulties were encountered during the metals analyses. All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples MW-01 (240-20457-1), MW-02 (240-20457-2), MW-03 (240-20457-4), MW-04 (240-20457-7) and MW-05 (240-20457-8) were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared on 02/01/2013 and analyzed on 02/05/2013.

No difficulties were encountered during the mercury analyses. All quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples IA03-B07(0-2) (240-20457-5), IA03-B07(10-12) (240-20457-6), IA03-B08(0-2) (240-20457-9), IA03-B09(0-2) (240-20457-10), IA03-B08(17-18) (240-20457-11), IA03-B09(10-12) (240-20457-12) and DUP-01 (240-20457-13) were analyzed for percent solids in accordance with EPA Method 160.3 MOD. The samples were analyzed on 01/31/2013.

No difficulties were encountered during the % solids analyses. All quality control parameters were within the acceptance limits.

Method Summary

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NC
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL NC
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL NC
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL NC
6010B	Metals (ICP)	SW846	TAL NC
7470A	Mercury (CVAA)	SW846	TAL NC
Moisture	Percent Moisture	EPA	TAL NC

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL NC = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-20457-1	MW-01	Water	01/28/13 12:40	01/30/13 08:00
240-20457-2	MW-02	Water	01/28/13 16:35	01/30/13 08:00
240-20457-3	TB-01	Water	01/28/13 00:00	01/30/13 08:00
240-20457-4	MW-03	Water	01/29/13 12:10	01/30/13 08:00
240-20457-5	IA03-B07(0-2)	Solid	01/29/13 13:25	01/30/13 08:00
240-20457-6	IA03-B07(10-12)	Solid	01/29/13 13:45	01/30/13 08:00
240-20457-7	MW-04	Water	01/29/13 12:10	01/30/13 08:00
240-20457-8	MW-05	Water	01/29/13 15:15	01/30/13 08:00
240-20457-9	IA03-B08(0-2)	Solid	01/29/13 14:20	01/30/13 08:00
240-20457-10	IA03-B09(0-2)	Solid	01/29/13 15:15	01/30/13 08:00
240-20457-11	IA03-B08(17-18)	Solid	01/29/13 14:45	01/30/13 08:00
240-20457-12	IA03-B09(10-12)	Solid	01/29/13 15:30	01/30/13 08:00
240-20457-13	DUP-01	Solid	01/29/13 00:00	01/30/13 08:00
240-20457-14	TB-02	Water	01/29/13 00:00	01/30/13 08:00

Detection Summary

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

Client Sample ID: MW-01 — Lab Sample ID: 240-20457-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.1	J	10	1.1	ug/L	1		8260B	Total/NA
Barium	86	J B	200	0.67	ug/L	1		6010B	Total Recoverable

Client Sample ID: MW-02 — Lab Sample ID: 240-20457-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.3	J	10	1.1	ug/L	1		8260B	Total/NA
Bis(2-ethylhexyl) phthalate	2.3		2.1	0.85	ug/L	1		8270C	Total/NA
Barium	180	J B	200	0.67	ug/L	1		6010B	Total Recoverable
Arsenic	13		10	3.2	ug/L	1		6010B	Total Recoverable

Client Sample ID: TB-01 — Lab Sample ID: 240-20457-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	19		10	1.1	ug/L	1		8260B	Total/NA
Methylene Chloride	0.39	J	1.0	0.33	ug/L	1		8260B	Total/NA
4-Methyl-2-pentanone (MIBK)	0.40	J	10	0.32	ug/L	1		8260B	Total/NA

Client Sample ID: MW-03 — Lab Sample ID: 240-20457-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.1	J	10	1.1	ug/L	1		8260B	Total/NA
Bis(2-ethylhexyl) phthalate	1.3	J	2.1	0.85	ug/L	1		8270C	Total/NA
Barium	54	J B	200	0.67	ug/L	1		6010B	Total Recoverable
Chromium	2.4	J	5.0	2.2	ug/L	1		6010B	Total Recoverable
Arsenic	3.4	J	10	3.2	ug/L	1		6010B	Total Recoverable

Client Sample ID: IA03-B07(0-2) — Lab Sample ID: 240-20457-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	34		14	4.3	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	7.6	J	14	0.95	ug/Kg	1	☼	8260B	Total/NA
Carbon disulfide	0.79	J	3.4	0.30	ug/Kg	1	☼	8260B	Total/NA
Methylene chloride	0.77	J	3.4	0.46	ug/Kg	1	☼	8260B	Total/NA
4-Methyl-2-pentanone (MIBK)	0.48	J B	14	0.37	ug/Kg	1	☼	8260B	Total/NA
Toluene	0.33	J	3.4	0.18	ug/Kg	1	☼	8260B	Total/NA
Oil Range Organics (C20-C34)	8300		870	480	mg/Kg	50	☼	8015B	Total/NA

Client Sample ID: IA03-B07(10-12) — Lab Sample ID: 240-20457-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.6	J	19	5.8	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	2.9	J	19	1.3	ug/Kg	1	☼	8260B	Total/NA
Styrene	0.16	J	4.6	0.14	ug/Kg	1	☼	8260B	Total/NA
Oil Range Organics (C20-C34)	24		17	9.6	mg/Kg	1	☼	8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

Client Sample ID: MW-04 — Lab Sample ID: 240-20457-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.3	J	10	1.1	ug/L	1		8260B	Total/NA
Barium	56	J B	200	0.67	ug/L	1		6010B	Total Recoverable

Client Sample ID: MW-05 — Lab Sample ID: 240-20457-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.9	J	10	1.1	ug/L	1		8260B	Total/NA
Bis(2-ethylhexyl) phthalate	1.3	J	2.0	0.78	ug/L	1		8270C	Total/NA
Barium	49	J B	200	0.67	ug/L	1		6010B	Total Recoverable

Client Sample ID: IA03-B08(0-2) — Lab Sample ID: 240-20457-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	44		17	5.5	ug/Kg	1	☼	8260B	Total/NA
Benzene	0.49	J	4.4	0.20	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	9.2	J	17	1.2	ug/Kg	1	☼	8260B	Total/NA
Carbon disulfide	4.0	J	4.4	0.38	ug/Kg	1	☼	8260B	Total/NA
Ethylbenzene	0.32	J	4.4	0.23	ug/Kg	1	☼	8260B	Total/NA
2-Hexanone	1.4	J	17	0.55	ug/Kg	1	☼	8260B	Total/NA
4-Methyl-2-pentanone (MIBK)	5.9	J	17	0.47	ug/Kg	1	☼	8260B	Total/NA
Toluene	1.2	J	4.4	0.24	ug/Kg	1	☼	8260B	Total/NA
Diesel Range Organics (C10-C20)	350	J	510	280	mg/Kg	20	☼	8015B	Total/NA
Oil Range Organics (C20-C34)	5600		510	280	mg/Kg	20	☼	8015B	Total/NA

Client Sample ID: IA03-B09(0-2) — Lab Sample ID: 240-20457-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	200	J	930	160	ug/Kg	1	☼	8260B	Total/NA
Benzene	30	J	230	11	ug/Kg	1	☼	8260B	Total/NA
Carbon disulfide	26	J	230	11	ug/Kg	1	☼	8260B	Total/NA
Ethylbenzene	63	J B	230	5.0	ug/Kg	1	☼	8260B	Total/NA
n-Hexane	52	J	230	34	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	96	J	930	40	ug/Kg	1	☼	8260B	Total/NA
Toluene	93	J B	230	16	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	280	J B	470	7.5	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: IA03-B08(17-18) — Lab Sample ID: 240-20457-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	20		17	5.5	ug/Kg	1	☼	8260B	Total/NA
Benzene	0.32	J	4.4	0.20	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	3.6	J	17	1.2	ug/Kg	1	☼	8260B	Total/NA
Carbon disulfide	1.4	J	4.4	0.38	ug/Kg	1	☼	8260B	Total/NA
Ethylbenzene	0.24	J	4.4	0.23	ug/Kg	1	☼	8260B	Total/NA
2-Hexanone	0.71	J	17	0.55	ug/Kg	1	☼	8260B	Total/NA
4-Methyl-2-pentanone (MIBK)	3.7	J	17	0.47	ug/Kg	1	☼	8260B	Total/NA
Toluene	0.71	J	4.4	0.24	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	1.9	J	4.4	0.37	ug/Kg	1	☼	8260B	Total/NA
Oil Range Organics (C20-C34)	4500		520	290	mg/Kg	20	☼	8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

Client Sample ID: IA03-B09(10-12) — Lab Sample ID: 240-20457-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	6.0		4.2	0.35	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: DUP-01 — Lab Sample ID: 240-20457-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.2	J	16	5.1	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	1.1	J	16	1.1	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	8.7		4.1	0.34	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: TB-02 — Lab Sample ID: 240-20457-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	18		10	1.1	ug/L	1		8260B	Total/NA
Methylene Chloride	0.47	J	1.0	0.33	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

Client Sample ID: MW-01

Lab Sample ID: 240-20457-1

Date Collected: 01/28/13 12:40
Date Received: 01/30/13 08:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.1	J	10	1.1	ug/L			02/04/13 18:14	1
Benzene	ND		1.0	0.13	ug/L			02/04/13 18:14	1
Bromodichloromethane	ND		1.0	0.15	ug/L			02/04/13 18:14	1
Bromoform	ND		1.0	0.64	ug/L			02/04/13 18:14	1
Bromomethane	ND		1.0	0.41	ug/L			02/04/13 18:14	1
2-Butanone (MEK)	ND		10	0.57	ug/L			02/04/13 18:14	1
Carbon disulfide	ND		1.0	0.13	ug/L			02/04/13 18:14	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			02/04/13 18:14	1
Chlorobenzene	ND		1.0	0.15	ug/L			02/04/13 18:14	1
Chloroethane	ND		1.0	0.29	ug/L			02/04/13 18:14	1
Chloroform	ND		1.0	0.16	ug/L			02/04/13 18:14	1
Chloromethane	ND		1.0	0.30	ug/L			02/04/13 18:14	1
cis-1,2-Dichloroethene	ND		1.0	0.17	ug/L			02/04/13 18:14	1
cis-1,3-Dichloropropene	ND		1.0	0.14	ug/L			02/04/13 18:14	1
Dibromochloromethane	ND		1.0	0.18	ug/L			02/04/13 18:14	1
1,1-Dichloroethane	ND		1.0	0.15	ug/L			02/04/13 18:14	1
1,2-Dichloroethane	ND		1.0	0.22	ug/L			02/04/13 18:14	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			02/04/13 18:14	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			02/04/13 18:14	1
Ethylbenzene	ND		1.0	0.17	ug/L			02/04/13 18:14	1
2-Hexanone	ND		10	0.41	ug/L			02/04/13 18:14	1
Methylene Chloride	ND		1.0	0.33	ug/L			02/04/13 18:14	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.32	ug/L			02/04/13 18:14	1
Styrene	ND		1.0	0.11	ug/L			02/04/13 18:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			02/04/13 18:14	1
Tetrachloroethene	ND		1.0	0.29	ug/L			02/04/13 18:14	1
Toluene	ND		1.0	0.13	ug/L			02/04/13 18:14	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			02/04/13 18:14	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			02/04/13 18:14	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			02/04/13 18:14	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			02/04/13 18:14	1
Trichloroethene	ND		1.0	0.17	ug/L			02/04/13 18:14	1
Vinyl chloride	ND		1.0	0.22	ug/L			02/04/13 18:14	1
Xylenes, Total	ND		2.0	0.28	ug/L			02/04/13 18:14	1
Methyl tert-butyl ether	ND		5.0	0.17	ug/L			02/04/13 18:14	1
n-Hexane	ND		1.0	0.26	ug/L			02/04/13 18:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*66 - 117*		*02/04/13 18:14*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 121*		*02/04/13 18:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*63 - 129*		*02/04/13 18:14*	*1*
Toluene-d8 (Surr)	*83*		*74 - 115*		*02/04/13 18:14*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 13:08	1
Acenaphthylene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 13:08	1
Anthracene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 13:08	1
Benzo[a]anthracene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 13:08	1
Benzo[a]pyrene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 13:08	1

Client Sample ID: MW-01

Date Collected: 01/28/13 12:40
Date Received: 01/30/13 08:00

Lab Sample ID: 240-20457-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 13:08	1
Benzo[g,h,i]perylene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 13:08	1
Benzo[k]fluoranthene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 13:08	1
Bis(2-chloroethoxy)methane	ND		0.98	0.31	ug/L		02/01/13 10:00	02/05/13 13:08	1
Bis(2-chloroethyl)ether	ND		0.98	0.098	ug/L		02/01/13 10:00	02/05/13 13:08	1
Bis(2-ethylhexyl) phthalate	ND		2.0	0.78	ug/L		02/01/13 10:00	02/05/13 13:08	1
4-Bromophenyl phenyl ether	ND		2.0	0.78	ug/L		02/01/13 10:00	02/05/13 13:08	1
Butyl benzyl phthalate	ND		0.98	0.78	ug/L		02/01/13 10:00	02/05/13 13:08	1
4-Chloroaniline	ND		2.0	0.78	ug/L		02/01/13 10:00	02/05/13 13:08	1
4-Chloro-3-methylphenol	ND		2.0	0.78	ug/L		02/01/13 10:00	02/05/13 13:08	1
2-Chloronaphthalene	ND		0.98	0.098	ug/L		02/01/13 10:00	02/05/13 13:08	1
2-Chlorophenol	ND		0.98	0.28	ug/L		02/01/13 10:00	02/05/13 13:08	1
4-Chlorophenyl phenyl ether	ND		2.0	0.29	ug/L		02/01/13 10:00	02/05/13 13:08	1
Chrysene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 13:08	1
Dibenz(a,h)anthracene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 13:08	1
Dibenzofuran	ND		0.98	0.098	ug/L		02/01/13 10:00	02/05/13 13:08	1
1,2-Dichlorobenzene	ND		0.98	0.28	ug/L		02/01/13 10:00	02/05/13 13:08	1
1,3-Dichlorobenzene	ND		0.98	0.78	ug/L		02/01/13 10:00	02/05/13 13:08	1
1,4-Dichlorobenzene	ND		0.98	0.33	ug/L		02/01/13 10:00	02/05/13 13:08	1
3,3'-Dichlorobenzidine	ND		4.9	0.36	ug/L		02/01/13 10:00	02/05/13 13:08	1
2,4-Dichlorophenol	ND		2.0	0.78	ug/L		02/01/13 10:00	02/05/13 13:08	1
Diethyl phthalate	ND		0.98	0.59	ug/L		02/01/13 10:00	02/05/13 13:08	1
2,4-Dimethylphenol	ND		2.0	0.78	ug/L		02/01/13 10:00	02/05/13 13:08	1
Dimethyl phthalate	ND		0.98	0.28	ug/L		02/01/13 10:00	02/05/13 13:08	1
Di-n-butyl phthalate	ND		0.98	0.66	ug/L		02/01/13 10:00	02/05/13 13:08	1
4,6-Dinitro-2-methylphenol	ND		4.9	2.4	ug/L		02/01/13 10:00	02/05/13 13:08	1
2,4-Dinitrophenol	ND		4.9	2.4	ug/L		02/01/13 10:00	02/05/13 13:08	1
2,4-Dinitrotoluene	ND		4.9	0.26	ug/L		02/01/13 10:00	02/05/13 13:08	1
2,6-Dinitrotoluene	ND		4.9	0.78	ug/L		02/01/13 10:00	02/05/13 13:08	1
Di-n-octyl phthalate	ND		0.98	0.78	ug/L		02/01/13 10:00	02/05/13 13:08	1
Fluoranthene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 13:08	1
Fluorene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 13:08	1
Hexachlorobenzene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 13:08	1
Hexachlorobutadiene	ND		0.98	0.26	ug/L		02/01/13 10:00	02/05/13 13:08	1
Hexachlorocyclopentadiene	ND		9.8	0.78	ug/L		02/01/13 10:00	02/05/13 13:08	1
Hexachloroethane	ND		0.98	0.78	ug/L		02/01/13 10:00	02/05/13 13:08	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 13:08	1
Isophorone	ND		0.98	0.26	ug/L		02/01/13 10:00	02/05/13 13:08	1
2-Methylnaphthalene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 13:08	1
2-Methylphenol	ND		0.98	0.78	ug/L		02/01/13 10:00	02/05/13 13:08	1
3 & 4 Methylphenol	ND		2.0	0.74	ug/L		02/01/13 10:00	02/05/13 13:08	1
Naphthalene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 13:08	1
2-Nitroaniline	ND		2.0	0.78	ug/L		02/01/13 10:00	02/05/13 13:08	1
3-Nitroaniline	ND		2.0	0.27	ug/L		02/01/13 10:00	02/05/13 13:08	1
4-Nitroaniline	ND		2.0	0.78	ug/L		02/01/13 10:00	02/05/13 13:08	1
Nitrobenzene	ND		0.98	0.039	ug/L		02/01/13 10:00	02/05/13 13:08	1
2-Nitrophenol	ND		2.0	0.27	ug/L		02/01/13 10:00	02/05/13 13:08	1
4-Nitrophenol	ND		4.9	2.4	ug/L		02/01/13 10:00	02/05/13 13:08	1
N-Nitrosodi-n-propylamine	ND		0.98	0.78	ug/L		02/01/13 10:00	02/05/13 13:08	1

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

Client Sample ID: MW-01

Date Collected: 01/28/13 12:40
Date Received: 01/30/13 08:00

Lab Sample ID: 240-20457-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.98	0.30	ug/L		02/01/13 10:00	02/05/13 13:08	1
2,2'-oxybis[1-chloropropane]	ND		0.98	0.39	ug/L		02/01/13 10:00	02/05/13 13:08	1
Pentachlorophenol	ND		4.9	2.4	ug/L		02/01/13 10:00	02/05/13 13:08	1
Phenanthrene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 13:08	1
Phenol	ND		0.98	0.59	ug/L		02/01/13 10:00	02/05/13 13:08	1
Pyrene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 13:08	1
1,2,4-Trichlorobenzene	ND		0.98	0.27	ug/L		02/01/13 10:00	02/05/13 13:08	1
2,4,5-Trichlorophenol	ND		4.9	0.29	ug/L		02/01/13 10:00	02/05/13 13:08	1
2,4,6-Trichlorophenol	ND		4.9	0.78	ug/L		02/01/13 10:00	02/05/13 13:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*44*		*20 - 110*	*02/01/13 10:00*	*02/05/13 13:08*	*1*
2-Fluorophenol (Surr)	*57*		*10 - 110*	*02/01/13 10:00*	*02/05/13 13:08*	*1*
Nitrobenzene-d5 (Surr)	*51*		*21 - 110*	*02/01/13 10:00*	*02/05/13 13:08*	*1*
Phenol-d5 (Surr)	*60*		*21 - 110*	*02/01/13 10:00*	*02/05/13 13:08*	*1*
Terphenyl-d14 (Surr)	*58*		*24 - 110*	*02/01/13 10:00*	*02/05/13 13:08*	*1*
2,4,6-Tribromophenol (Surr)	*61*		*21 - 110*	*02/01/13 10:00*	*02/05/13 13:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		0.50	0.17	ug/L		02/01/13 10:14	02/05/13 14:33	1
Aroclor 1221	ND		0.50	0.13	ug/L		02/01/13 10:14	02/05/13 14:33	1
Aroclor 1232	ND		0.50	0.16	ug/L		02/01/13 10:14	02/05/13 14:33	1
Aroclor 1242	ND		0.50	0.22	ug/L		02/01/13 10:14	02/05/13 14:33	1
Aroclor 1248	ND		0.50	0.10	ug/L		02/01/13 10:14	02/05/13 14:33	1
Aroclor 1254	ND		0.50	0.16	ug/L		02/01/13 10:14	02/05/13 14:33	1
Aroclor 1260	ND		0.50	0.17	ug/L		02/01/13 10:14	02/05/13 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*		*23 - 136*	*02/01/13 10:14*	*02/05/13 14:33*	*1*
DCB Decachlorobiphenyl	*65*		*10 - 130*	*02/01/13 10:14*	*02/05/13 14:33*	*1*

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	86	J B	200	0.67	ug/L		01/31/13 07:35	02/01/13 14:57	1
Cadmium	ND		2.0	0.66	ug/L		01/31/13 07:35	02/01/13 14:57	1
Chromium	ND		5.0	2.2	ug/L		01/31/13 07:35	02/01/13 14:57	1
Silver	ND		5.0	2.2	ug/L		01/31/13 07:35	02/01/13 14:57	1
Arsenic	ND		10	3.2	ug/L		01/31/13 07:35	02/01/13 14:57	1
Lead	ND		3.0	1.9	ug/L		01/31/13 07:35	02/01/13 14:57	1
Selenium	ND		5.0	4.1	ug/L		01/31/13 07:35	02/01/13 14:57	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		02/01/13 15:15	02/05/13 11:52	1

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

Client Sample ID: MW-02

Lab Sample ID: 240-20457-2

Date Collected: 01/28/13 16:35
Date Received: 01/30/13 08:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.3	J	10	1.1	ug/L			02/04/13 18:36	1
Benzene	ND		1.0	0.13	ug/L			02/04/13 18:36	1
Bromodichloromethane	ND		1.0	0.15	ug/L			02/04/13 18:36	1
Bromoform	ND		1.0	0.64	ug/L			02/04/13 18:36	1
Bromomethane	ND		1.0	0.41	ug/L			02/04/13 18:36	1
2-Butanone (MEK)	ND		10	0.57	ug/L			02/04/13 18:36	1
Carbon disulfide	ND		1.0	0.13	ug/L			02/04/13 18:36	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			02/04/13 18:36	1
Chlorobenzene	ND		1.0	0.15	ug/L			02/04/13 18:36	1
Chloroethane	ND		1.0	0.29	ug/L			02/04/13 18:36	1
Chloroform	ND		1.0	0.16	ug/L			02/04/13 18:36	1
Chloromethane	ND		1.0	0.30	ug/L			02/04/13 18:36	1
cis-1,2-Dichloroethene	ND		1.0	0.17	ug/L			02/04/13 18:36	1
cis-1,3-Dichloropropene	ND		1.0	0.14	ug/L			02/04/13 18:36	1
Dibromochloromethane	ND		1.0	0.18	ug/L			02/04/13 18:36	1
1,1-Dichloroethane	ND		1.0	0.15	ug/L			02/04/13 18:36	1
1,2-Dichloroethane	ND		1.0	0.22	ug/L			02/04/13 18:36	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			02/04/13 18:36	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			02/04/13 18:36	1
Ethylbenzene	ND		1.0	0.17	ug/L			02/04/13 18:36	1
2-Hexanone	ND		10	0.41	ug/L			02/04/13 18:36	1
Methylene Chloride	ND		1.0	0.33	ug/L			02/04/13 18:36	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.32	ug/L			02/04/13 18:36	1
Styrene	ND		1.0	0.11	ug/L			02/04/13 18:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			02/04/13 18:36	1
Tetrachloroethene	ND		1.0	0.29	ug/L			02/04/13 18:36	1
Toluene	ND		1.0	0.13	ug/L			02/04/13 18:36	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			02/04/13 18:36	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			02/04/13 18:36	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			02/04/13 18:36	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			02/04/13 18:36	1
Trichloroethene	ND		1.0	0.17	ug/L			02/04/13 18:36	1
Vinyl chloride	ND		1.0	0.22	ug/L			02/04/13 18:36	1
Xylenes, Total	ND		2.0	0.28	ug/L			02/04/13 18:36	1
Methyl tert-butyl ether	ND		5.0	0.17	ug/L			02/04/13 18:36	1
n-Hexane	ND		1.0	0.26	ug/L			02/04/13 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*66 - 117*		*02/04/13 18:36*	*1*
Dibromofluoromethane (Surr)	*86*		*75 - 121*		*02/04/13 18:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 129*		*02/04/13 18:36*	*1*
Toluene-d8 (Surr)	*100*		*74 - 115*		*02/04/13 18:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:30	1
Acenaphthylene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:30	1
Anthracene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:30	1
Benzo[a]anthracene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:30	1
Benzo[a]pyrene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:30	1

Client Sample ID: MW-02

Date Collected: 01/28/13 16:35
Date Received: 01/30/13 08:00

Lab Sample ID: 240-20457-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:30	1
Benzo[g,h,i]perylene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:30	1
Benzo[k]fluoranthene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:30	1
Bis(2-chloroethoxy)methane	ND		1.1	0.34	ug/L		02/01/13 10:00	02/05/13 13:30	1
Bis(2-chloroethyl)ether	ND		1.1	0.11	ug/L		02/01/13 10:00	02/05/13 13:30	1
Bis(2-ethylhexyl) phthalate	**2.3**		2.1	0.85	ug/L		02/01/13 10:00	02/05/13 13:30	1
4-Bromophenyl phenyl ether	ND		2.1	0.85	ug/L		02/01/13 10:00	02/05/13 13:30	1
Butyl benzyl phthalate	ND		1.1	0.85	ug/L		02/01/13 10:00	02/05/13 13:30	1
4-Chloroaniline	ND		2.1	0.85	ug/L		02/01/13 10:00	02/05/13 13:30	1
4-Chloro-3-methylphenol	ND		2.1	0.85	ug/L		02/01/13 10:00	02/05/13 13:30	1
2-Chloronaphthalene	ND		1.1	0.11	ug/L		02/01/13 10:00	02/05/13 13:30	1
2-Chlorophenol	ND		1.1	0.31	ug/L		02/01/13 10:00	02/05/13 13:30	1
4-Chlorophenyl phenyl ether	ND		2.1	0.32	ug/L		02/01/13 10:00	02/05/13 13:30	1
Chrysene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:30	1
Dibenz(a,h)anthracene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:30	1
Dibenzofuran	ND		1.1	0.11	ug/L		02/01/13 10:00	02/05/13 13:30	1
1,2-Dichlorobenzene	ND		1.1	0.31	ug/L		02/01/13 10:00	02/05/13 13:30	1
1,3-Dichlorobenzene	ND		1.1	0.85	ug/L		02/01/13 10:00	02/05/13 13:30	1
1,4-Dichlorobenzene	ND		1.1	0.36	ug/L		02/01/13 10:00	02/05/13 13:30	1
3,3'-Dichlorobenzidine	ND		5.3	0.39	ug/L		02/01/13 10:00	02/05/13 13:30	1
2,4-Dichlorophenol	ND		2.1	0.85	ug/L		02/01/13 10:00	02/05/13 13:30	1
Diethyl phthalate	ND		1.1	0.64	ug/L		02/01/13 10:00	02/05/13 13:30	1
2,4-Dimethylphenol	ND		2.1	0.85	ug/L		02/01/13 10:00	02/05/13 13:30	1
Dimethyl phthalate	ND		1.1	0.31	ug/L		02/01/13 10:00	02/05/13 13:30	1
Di-n-butyl phthalate	ND		1.1	0.71	ug/L		02/01/13 10:00	02/05/13 13:30	1
4,6-Dinitro-2-methylphenol	ND		5.3	2.6	ug/L		02/01/13 10:00	02/05/13 13:30	1
2,4-Dinitrophenol	ND		5.3	2.6	ug/L		02/01/13 10:00	02/05/13 13:30	1
2,4-Dinitrotoluene	ND		5.3	0.29	ug/L		02/01/13 10:00	02/05/13 13:30	1
2,6-Dinitrotoluene	ND		5.3	0.85	ug/L		02/01/13 10:00	02/05/13 13:30	1
Di-n-octyl phthalate	ND		1.1	0.85	ug/L		02/01/13 10:00	02/05/13 13:30	1
Fluoranthene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:30	1
Fluorene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:30	1
Hexachlorobenzene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:30	1
Hexachlorobutadiene	ND		1.1	0.29	ug/L		02/01/13 10:00	02/05/13 13:30	1
Hexachlorocyclopentadiene	ND		11	0.85	ug/L		02/01/13 10:00	02/05/13 13:30	1
Hexachloroethane	ND		1.1	0.85	ug/L		02/01/13 10:00	02/05/13 13:30	1
Indeno[1,2,3-cd]pyrene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:30	1
Isophorone	ND		1.1	0.29	ug/L		02/01/13 10:00	02/05/13 13:30	1
2-Methylnaphthalene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:30	1
2-Methylphenol	ND		1.1	0.85	ug/L		02/01/13 10:00	02/05/13 13:30	1
3 & 4 Methylphenol	ND		2.1	0.80	ug/L		02/01/13 10:00	02/05/13 13:30	1
Naphthalene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:30	1
2-Nitroaniline	ND		2.1	0.85	ug/L		02/01/13 10:00	02/05/13 13:30	1
3-Nitroaniline	ND		2.1	0.30	ug/L		02/01/13 10:00	02/05/13 13:30	1
4-Nitroaniline	ND		2.1	0.85	ug/L		02/01/13 10:00	02/05/13 13:30	1
Nitrobenzene	ND		1.1	0.043	ug/L		02/01/13 10:00	02/05/13 13:30	1
2-Nitrophenol	ND		2.1	0.30	ug/L		02/01/13 10:00	02/05/13 13:30	1
4-Nitrophenol	ND		5.3	2.6	ug/L		02/01/13 10:00	02/05/13 13:30	1
N-Nitrosodi-n-propylamine	ND		1.1	0.85	ug/L		02/01/13 10:00	02/05/13 13:30	1

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

Client Sample ID: MW-02

Date Collected: 01/28/13 16:35
Date Received: 01/30/13 08:00

Lab Sample ID: 240-20457-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		1.1	0.33	ug/L		02/01/13 10:00	02/05/13 13:30	1
2,2'-oxybis[1-chloropropane]	ND		1.1	0.43	ug/L		02/01/13 10:00	02/05/13 13:30	1
Pentachlorophenol	ND		5.3	2.6	ug/L		02/01/13 10:00	02/05/13 13:30	1
Phenanthrene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:30	1
Phenol	ND		1.1	0.64	ug/L		02/01/13 10:00	02/05/13 13:30	1
Pyrene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:30	1
1,2,4-Trichlorobenzene	ND		1.1	0.30	ug/L		02/01/13 10:00	02/05/13 13:30	1
2,4,5-Trichlorophenol	ND		5.3	0.32	ug/L		02/01/13 10:00	02/05/13 13:30	1
2,4,6-Trichlorophenol	ND		5.3	0.85	ug/L		02/01/13 10:00	02/05/13 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*54*		*20 - 110*	*02/01/13 10:00*	*02/05/13 13:30*	*1*
2-Fluorophenol (Surr)	*71*		*10 - 110*	*02/01/13 10:00*	*02/05/13 13:30*	*1*
Nitrobenzene-d5 (Surr)	*62*		*21 - 110*	*02/01/13 10:00*	*02/05/13 13:30*	*1*
Phenol-d5 (Surr)	*75*		*21 - 110*	*02/01/13 10:00*	*02/05/13 13:30*	*1*
Terphenyl-d14 (Surr)	*61*		*24 - 110*	*02/01/13 10:00*	*02/05/13 13:30*	*1*
2,4,6-Tribromophenol (Surr)	*70*		*21 - 110*	*02/01/13 10:00*	*02/05/13 13:30*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		0.50	0.17	ug/L		02/01/13 10:14	02/05/13 14:48	1
Aroclor 1221	ND		0.50	0.13	ug/L		02/01/13 10:14	02/05/13 14:48	1
Aroclor 1232	ND		0.50	0.16	ug/L		02/01/13 10:14	02/05/13 14:48	1
Aroclor 1242	ND		0.50	0.22	ug/L		02/01/13 10:14	02/05/13 14:48	1
Aroclor 1248	ND		0.50	0.10	ug/L		02/01/13 10:14	02/05/13 14:48	1
Aroclor 1254	ND		0.50	0.16	ug/L		02/01/13 10:14	02/05/13 14:48	1
Aroclor 1260	ND		0.50	0.17	ug/L		02/01/13 10:14	02/05/13 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*74*		*23 - 136*	*02/01/13 10:14*	*02/05/13 14:48*	*1*
DCB Decachlorobiphenyl	*59*		*10 - 130*	*02/01/13 10:14*	*02/05/13 14:48*	*1*

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**180**	**J B**	200	0.67	ug/L		01/31/13 07:35	02/01/13 15:21	1
Cadmium	ND		2.0	0.66	ug/L		01/31/13 07:35	02/01/13 15:21	1
Chromium	ND		5.0	2.2	ug/L		01/31/13 07:35	02/01/13 15:21	1
Silver	ND		5.0	2.2	ug/L		01/31/13 07:35	02/01/13 15:21	1
Arsenic	**13**		10	3.2	ug/L		01/31/13 07:35	02/01/13 15:21	1
Lead	ND		3.0	1.9	ug/L		01/31/13 07:35	02/01/13 15:21	1
Selenium	ND		5.0	4.1	ug/L		01/31/13 07:35	02/01/13 15:21	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		02/01/13 15:15	02/05/13 11:35	1

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

Client Sample ID: TB-01

Lab Sample ID: 240-20457-3

Date Collected: 01/28/13 00:00
Date Received: 01/30/13 08:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**19**		10	1.1	ug/L			02/04/13 18:58	1
Benzene	ND		1.0	0.13	ug/L			02/04/13 18:58	1
Bromodichloromethane	ND		1.0	0.15	ug/L			02/04/13 18:58	1
Bromoform	ND		1.0	0.64	ug/L			02/04/13 18:58	1
Bromomethane	ND		1.0	0.41	ug/L			02/04/13 18:58	1
2-Butanone (MEK)	ND		10	0.57	ug/L			02/04/13 18:58	1
Carbon disulfide	ND		1.0	0.13	ug/L			02/04/13 18:58	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			02/04/13 18:58	1
Chlorobenzene	ND		1.0	0.15	ug/L			02/04/13 18:58	1
Chloroethane	ND		1.0	0.29	ug/L			02/04/13 18:58	1
Chloroform	ND		1.0	0.16	ug/L			02/04/13 18:58	1
Chloromethane	ND		1.0	0.30	ug/L			02/04/13 18:58	1
cis-1,2-Dichloroethene	ND		1.0	0.17	ug/L			02/04/13 18:58	1
cis-1,3-Dichloropropene	ND		1.0	0.14	ug/L			02/04/13 18:58	1
Dibromochloromethane	ND		1.0	0.18	ug/L			02/04/13 18:58	1
1,1-Dichloroethane	ND		1.0	0.15	ug/L			02/04/13 18:58	1
1,2-Dichloroethane	ND		1.0	0.22	ug/L			02/04/13 18:58	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			02/04/13 18:58	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			02/04/13 18:58	1
Ethylbenzene	ND		1.0	0.17	ug/L			02/04/13 18:58	1
2-Hexanone	ND		10	0.41	ug/L			02/04/13 18:58	1
Methylene Chloride	**0.39**	**J**	1.0	0.33	ug/L			02/04/13 18:58	1
4-Methyl-2-pentanone (MIBK)	**0.40**	**J**	10	0.32	ug/L			02/04/13 18:58	1
Styrene	ND		1.0	0.11	ug/L			02/04/13 18:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			02/04/13 18:58	1
Tetrachloroethene	ND		1.0	0.29	ug/L			02/04/13 18:58	1
Toluene	ND		1.0	0.13	ug/L			02/04/13 18:58	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			02/04/13 18:58	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			02/04/13 18:58	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			02/04/13 18:58	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			02/04/13 18:58	1
Trichloroethene	ND		1.0	0.17	ug/L			02/04/13 18:58	1
Vinyl chloride	ND		1.0	0.22	ug/L			02/04/13 18:58	1
Xylenes, Total	ND		2.0	0.28	ug/L			02/04/13 18:58	1
Methyl tert-butyl ether	ND		5.0	0.17	ug/L			02/04/13 18:58	1
n-Hexane	ND		1.0	0.26	ug/L			02/04/13 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*66 - 117*		*02/04/13 18:58*	*1*
Dibromofluoromethane (Surr)	*78*		*75 - 121*		*02/04/13 18:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 129*		*02/04/13 18:58*	*1*
Toluene-d8 (Surr)	*83*		*74 - 115*		*02/04/13 18:58*	*1*

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

Client Sample ID: MW-03

Lab Sample ID: 240-20457-4

Date Collected: 01/29/13 12:10
Date Received: 01/30/13 08:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.1	J	10	1.1	ug/L			02/04/13 19:20	1
Benzene	ND		1.0	0.13	ug/L			02/04/13 19:20	1
Bromodichloromethane	ND		1.0	0.15	ug/L			02/04/13 19:20	1
Bromoform	ND		1.0	0.64	ug/L			02/04/13 19:20	1
Bromomethane	ND		1.0	0.41	ug/L			02/04/13 19:20	1
2-Butanone (MEK)	ND		10	0.57	ug/L			02/04/13 19:20	1
Carbon disulfide	ND		1.0	0.13	ug/L			02/04/13 19:20	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			02/04/13 19:20	1
Chlorobenzene	ND		1.0	0.15	ug/L			02/04/13 19:20	1
Chloroethane	ND		1.0	0.29	ug/L			02/04/13 19:20	1
Chloroform	ND		1.0	0.16	ug/L			02/04/13 19:20	1
Chloromethane	ND		1.0	0.30	ug/L			02/04/13 19:20	1
cis-1,2-Dichloroethene	ND		1.0	0.17	ug/L			02/04/13 19:20	1
cis-1,3-Dichloropropene	ND		1.0	0.14	ug/L			02/04/13 19:20	1
Dibromochloromethane	ND		1.0	0.18	ug/L			02/04/13 19:20	1
1,1-Dichloroethane	ND		1.0	0.15	ug/L			02/04/13 19:20	1
1,2-Dichloroethane	ND		1.0	0.22	ug/L			02/04/13 19:20	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			02/04/13 19:20	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			02/04/13 19:20	1
Ethylbenzene	ND		1.0	0.17	ug/L			02/04/13 19:20	1
2-Hexanone	ND		10	0.41	ug/L			02/04/13 19:20	1
Methylene Chloride	ND		1.0	0.33	ug/L			02/04/13 19:20	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.32	ug/L			02/04/13 19:20	1
Styrene	ND		1.0	0.11	ug/L			02/04/13 19:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			02/04/13 19:20	1
Tetrachloroethene	ND		1.0	0.29	ug/L			02/04/13 19:20	1
Toluene	ND		1.0	0.13	ug/L			02/04/13 19:20	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			02/04/13 19:20	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			02/04/13 19:20	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			02/04/13 19:20	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			02/04/13 19:20	1
Trichloroethene	ND		1.0	0.17	ug/L			02/04/13 19:20	1
Vinyl chloride	ND		1.0	0.22	ug/L			02/04/13 19:20	1
Xylenes, Total	ND		2.0	0.28	ug/L			02/04/13 19:20	1
Methyl tert-butyl ether	ND		5.0	0.17	ug/L			02/04/13 19:20	1
n-Hexane	ND		1.0	0.26	ug/L			02/04/13 19:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*66 - 117*		*02/04/13 19:20*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 121*		*02/04/13 19:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 129*		*02/04/13 19:20*	*1*
Toluene-d8 (Surr)	*93*		*74 - 115*		*02/04/13 19:20*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:52	1
Acenaphthylene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:52	1
Anthracene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:52	1
Benzo[a]anthracene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:52	1
Benzo[a]pyrene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:52	1

Client Sample ID: MW-03

Date Collected: 01/29/13 12:10
Date Received: 01/30/13 08:00

Lab Sample ID: 240-20457-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:52	1
Benzo[g,h,i]perylene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:52	1
Benzo[k]fluoranthene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:52	1
Bis(2-chloroethoxy)methane	ND		1.1	0.34	ug/L		02/01/13 10:00	02/05/13 13:52	1
Bis(2-chloroethyl)ether	ND		1.1	0.11	ug/L		02/01/13 10:00	02/05/13 13:52	1
Bis(2-ethylhexyl) phthalate	**1.3**	**J**	2.1	0.85	ug/L		02/01/13 10:00	02/05/13 13:52	1
4-Bromophenyl phenyl ether	ND		2.1	0.85	ug/L		02/01/13 10:00	02/05/13 13:52	1
Butyl benzyl phthalate	ND		1.1	0.85	ug/L		02/01/13 10:00	02/05/13 13:52	1
4-Chloroaniline	ND		2.1	0.85	ug/L		02/01/13 10:00	02/05/13 13:52	1
4-Chloro-3-methylphenol	ND		2.1	0.85	ug/L		02/01/13 10:00	02/05/13 13:52	1
2-Chloronaphthalene	ND		1.1	0.11	ug/L		02/01/13 10:00	02/05/13 13:52	1
2-Chlorophenol	ND		1.1	0.31	ug/L		02/01/13 10:00	02/05/13 13:52	1
4-Chlorophenyl phenyl ether	ND		2.1	0.32	ug/L		02/01/13 10:00	02/05/13 13:52	1
Chrysene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:52	1
Dibenz(a,h)anthracene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:52	1
Dibenzofuran	ND		1.1	0.11	ug/L		02/01/13 10:00	02/05/13 13:52	1
1,2-Dichlorobenzene	ND		1.1	0.31	ug/L		02/01/13 10:00	02/05/13 13:52	1
1,3-Dichlorobenzene	ND		1.1	0.85	ug/L		02/01/13 10:00	02/05/13 13:52	1
1,4-Dichlorobenzene	ND		1.1	0.36	ug/L		02/01/13 10:00	02/05/13 13:52	1
3,3'-Dichlorobenzidine	ND		5.3	0.39	ug/L		02/01/13 10:00	02/05/13 13:52	1
2,4-Dichlorophenol	ND		2.1	0.85	ug/L		02/01/13 10:00	02/05/13 13:52	1
Diethyl phthalate	ND		1.1	0.64	ug/L		02/01/13 10:00	02/05/13 13:52	1
2,4-Dimethylphenol	ND		2.1	0.85	ug/L		02/01/13 10:00	02/05/13 13:52	1
Dimethyl phthalate	ND		1.1	0.31	ug/L		02/01/13 10:00	02/05/13 13:52	1
Di-n-butyl phthalate	ND		1.1	0.71	ug/L		02/01/13 10:00	02/05/13 13:52	1
4,6-Dinitro-2-methylphenol	ND		5.3	2.6	ug/L		02/01/13 10:00	02/05/13 13:52	1
2,4-Dinitrophenol	ND		5.3	2.6	ug/L		02/01/13 10:00	02/05/13 13:52	1
2,4-Dinitrotoluene	ND		5.3	0.29	ug/L		02/01/13 10:00	02/05/13 13:52	1
2,6-Dinitrotoluene	ND		5.3	0.85	ug/L		02/01/13 10:00	02/05/13 13:52	1
Di-n-octyl phthalate	ND		1.1	0.85	ug/L		02/01/13 10:00	02/05/13 13:52	1
Fluoranthene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:52	1
Fluorene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:52	1
Hexachlorobenzene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:52	1
Hexachlorobutadiene	ND		1.1	0.29	ug/L		02/01/13 10:00	02/05/13 13:52	1
Hexachlorocyclopentadiene	ND		11	0.85	ug/L		02/01/13 10:00	02/05/13 13:52	1
Hexachloroethane	ND		1.1	0.85	ug/L		02/01/13 10:00	02/05/13 13:52	1
Indeno[1,2,3-cd]pyrene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:52	1
Isophorone	ND		1.1	0.29	ug/L		02/01/13 10:00	02/05/13 13:52	1
2-Methylnaphthalene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:52	1
2-Methylphenol	ND		1.1	0.85	ug/L		02/01/13 10:00	02/05/13 13:52	1
3 & 4 Methylphenol	ND		2.1	0.80	ug/L		02/01/13 10:00	02/05/13 13:52	1
Naphthalene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:52	1
2-Nitroaniline	ND		2.1	0.85	ug/L		02/01/13 10:00	02/05/13 13:52	1
3-Nitroaniline	ND		2.1	0.30	ug/L		02/01/13 10:00	02/05/13 13:52	1
4-Nitroaniline	ND		2.1	0.85	ug/L		02/01/13 10:00	02/05/13 13:52	1
Nitrobenzene	ND		1.1	0.043	ug/L		02/01/13 10:00	02/05/13 13:52	1
2-Nitrophenol	ND		2.1	0.30	ug/L		02/01/13 10:00	02/05/13 13:52	1
4-Nitrophenol	ND		5.3	2.6	ug/L		02/01/13 10:00	02/05/13 13:52	1
N-Nitrosodi-n-propylamine	ND		1.1	0.85	ug/L		02/01/13 10:00	02/05/13 13:52	1

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

Client Sample ID: MW-03
Date Collected: 01/29/13 12:10
Date Received: 01/30/13 08:00

Lab Sample ID: 240-20457-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		1.1	0.33	ug/L		02/01/13 10:00	02/05/13 13:52	1
2,2'-oxybis[1-chloropropane]	ND		1.1	0.43	ug/L		02/01/13 10:00	02/05/13 13:52	1
Pentachlorophenol	ND		5.3	2.6	ug/L		02/01/13 10:00	02/05/13 13:52	1
Phenanthrene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:52	1
Phenol	ND		1.1	0.64	ug/L		02/01/13 10:00	02/05/13 13:52	1
Pyrene	ND		0.21	0.11	ug/L		02/01/13 10:00	02/05/13 13:52	1
1,2,4-Trichlorobenzene	ND		1.1	0.30	ug/L		02/01/13 10:00	02/05/13 13:52	1
2,4,5-Trichlorophenol	ND		5.3	0.32	ug/L		02/01/13 10:00	02/05/13 13:52	1
2,4,6-Trichlorophenol	ND		5.3	0.85	ug/L		02/01/13 10:00	02/05/13 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*49*		*20 - 110*	*02/01/13 10:00*	*02/05/13 13:52*	*1*
2-Fluorophenol (Surr)	*66*		*10 - 110*	*02/01/13 10:00*	*02/05/13 13:52*	*1*
Nitrobenzene-d5 (Surr)	*59*		*21 - 110*	*02/01/13 10:00*	*02/05/13 13:52*	*1*
Phenol-d5 (Surr)	*68*		*21 - 110*	*02/01/13 10:00*	*02/05/13 13:52*	*1*
Terphenyl-d14 (Surr)	*58*		*24 - 110*	*02/01/13 10:00*	*02/05/13 13:52*	*1*
2,4,6-Tribromophenol (Surr)	*64*		*21 - 110*	*02/01/13 10:00*	*02/05/13 13:52*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		0.49	0.17	ug/L		02/01/13 10:14	02/05/13 15:03	1
Aroclor 1221	ND		0.49	0.13	ug/L		02/01/13 10:14	02/05/13 15:03	1
Aroclor 1232	ND		0.49	0.16	ug/L		02/01/13 10:14	02/05/13 15:03	1
Aroclor 1242	ND		0.49	0.21	ug/L		02/01/13 10:14	02/05/13 15:03	1
Aroclor 1248	ND		0.49	0.097	ug/L		02/01/13 10:14	02/05/13 15:03	1
Aroclor 1254	ND		0.49	0.16	ug/L		02/01/13 10:14	02/05/13 15:03	1
Aroclor 1260	ND		0.49	0.17	ug/L		02/01/13 10:14	02/05/13 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*		*23 - 136*	*02/01/13 10:14*	*02/05/13 15:03*	*1*
DCB Decachlorobiphenyl	*55*		*10 - 130*	*02/01/13 10:14*	*02/05/13 15:03*	*1*

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**54**	**J B**	200	0.67	ug/L		01/31/13 07:35	02/01/13 15:25	1
Cadmium	ND		2.0	0.66	ug/L		01/31/13 07:35	02/01/13 15:25	1
Chromium	**2.4**	**J**	5.0	2.2	ug/L		01/31/13 07:35	02/01/13 15:25	1
Silver	ND		5.0	2.2	ug/L		01/31/13 07:35	02/01/13 15:25	1
Arsenic	**3.4**	**J**	10	3.2	ug/L		01/31/13 07:35	02/01/13 15:25	1
Lead	ND		3.0	1.9	ug/L		01/31/13 07:35	02/01/13 15:25	1
Selenium	ND		5.0	4.1	ug/L		01/31/13 07:35	02/01/13 15:25	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		02/01/13 15:15	02/05/13 11:39	1

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

Client Sample ID: IA03-B07(0-2)

Date Collected: 01/29/13 13:25
Date Received: 01/30/13 08:00

Lab Sample ID: 240-20457-5

Matrix: Solid
Percent Solids: 96.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**34**		14	4.3	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
Benzene	ND		3.4	0.16	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
Bromodichloromethane	ND		3.4	0.19	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
Bromoform	ND		3.4	0.22	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
Bromomethane	ND		3.4	0.37	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
2-Butanone (MEK)	**7.6**	**J**	14	0.95	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
Carbon disulfide	**0.79**	**J**	3.4	0.30	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
Carbon tetrachloride	ND		3.4	0.25	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
Chlorobenzene	ND		3.4	0.22	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
Chloroethane	ND		3.4	0.58	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
Chloroform	ND		3.4	0.20	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
Chloromethane	ND		3.4	0.28	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
cis-1,2-Dichloroethene	ND		3.4	0.24	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
cis-1,3-Dichloropropene	ND		3.4	0.23	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
Dibromochloromethane	ND		3.4	0.37	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
1,1-Dichloroethane	ND		3.4	0.24	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
1,2-Dichloroethane	ND		3.4	0.23	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
1,1-Dichloroethene	ND		3.4	0.35	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
1,2-Dichloropropane	ND		3.4	0.47	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
Ethylbenzene	ND		3.4	0.18	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
2-Hexanone	ND		14	0.43	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
Methylene chloride	**0.77**	**J**	3.4	0.46	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
4-Methyl-2-pentanone (MIBK)	**0.48**	**J B**	14	0.37	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
Styrene	ND		3.4	0.10	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
1,1,2,2-Tetrachloroethane	ND		3.4	0.23	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
Tetrachloroethene	ND		3.4	0.35	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
Toluene	**0.33**	**J**	3.4	0.18	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
trans-1,2-Dichloroethene	ND		3.4	0.28	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
trans-1,3-Dichloropropene	ND		3.4	0.37	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
1,1,1-Trichloroethane	ND		3.4	0.38	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
1,1,2-Trichloroethane	ND		3.4	0.26	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
Trichloroethene	ND		3.4	0.29	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
Vinyl chloride	ND		3.4	0.26	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
Xylenes, Total	ND		6.8	0.46	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
Methyl tert-butyl ether	ND		14	0.29	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1
n-Hexane	ND		3.4	0.82	ug/Kg	☼	01/30/13 13:45	02/08/13 10:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*52 - 136*	*01/30/13 13:45*	*02/08/13 10:34*	*1*
Dibromofluoromethane (Surr)	*91*		*37 - 132*	*01/30/13 13:45*	*02/08/13 10:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*58 - 123*	*01/30/13 13:45*	*02/08/13 10:34*	*1*
Toluene-d8 (Surr)	*99*		*67 - 125*	*01/30/13 13:45*	*02/08/13 10:34*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C20)	ND		870	480	mg/Kg	☼	02/05/13 13:19	02/08/13 17:22	50
Oil Range Organics (C20-C34)	**8300**		870	480	mg/Kg	☼	02/05/13 13:19	02/08/13 17:22	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*36*		*10 - 110*	*02/05/13 13:19*	*02/08/13 17:22*	*50*

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

Client Sample ID: IA03-B07(10-12)

Date Collected: 01/29/13 13:45
Date Received: 01/30/13 08:00

Lab Sample ID: 240-20457-6
Matrix: Solid
Percent Solids: 95.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**8.6**	J	19	5.8	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
Benzene	ND		4.6	0.21	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
Bromodichloromethane	ND		4.6	0.26	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
Bromoform	ND		4.6	0.31	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
Bromomethane	ND		4.6	0.50	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
2-Butanone (MEK)	**2.9**	J	19	1.3	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
Carbon disulfide	ND		4.6	0.41	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
Carbon tetrachloride	ND		4.6	0.34	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
Chlorobenzene	ND		4.6	0.31	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
Chloroethane	ND	*	4.6	0.80	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
Chloroform	ND		4.6	0.27	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
Chloromethane	ND		4.6	0.38	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
cis-1,2-Dichloroethene	ND		4.6	0.33	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
cis-1,3-Dichloropropene	ND		4.6	0.32	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
Dibromochloromethane	ND		4.6	0.51	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
1,1-Dichloroethane	ND		4.6	0.33	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
1,2-Dichloroethane	ND		4.6	0.32	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
1,1-Dichloroethene	ND		4.6	0.48	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
1,2-Dichloropropane	ND		4.6	0.64	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
Ethylbenzene	ND		4.6	0.24	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
2-Hexanone	ND		19	0.58	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
Methylene chloride	ND		4.6	0.62	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
4-Methyl-2-pentanone (MIBK)	ND		19	0.50	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
Styrene	**0.16**	J	4.6	0.14	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
1,1,2,2-Tetrachloroethane	ND		4.6	0.32	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
Tetrachloroethene	ND		4.6	0.48	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
Toluene	ND		4.6	0.25	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
trans-1,2-Dichloroethene	ND		4.6	0.38	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
trans-1,3-Dichloropropene	ND		4.6	0.50	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
1,1,1-Trichloroethane	ND		4.6	0.52	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
1,1,2-Trichloroethane	ND		4.6	0.36	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
Trichloroethene	ND		4.6	0.39	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
Vinyl chloride	ND		4.6	0.36	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
Xylenes, Total	ND		9.3	0.82	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
Methyl tert-butyl ether	ND		19	0.40	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1
n-Hexane	ND		4.6	1.1	ug/Kg	☼	01/30/13 13:45	02/05/13 21:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*52 - 136*	*01/30/13 13:45*	*02/05/13 21:01*	*1*
Dibromofluoromethane (Surr)	*89*		*37 - 132*	*01/30/13 13:45*	*02/05/13 21:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*58 - 123*	*01/30/13 13:45*	*02/05/13 21:01*	*1*
Toluene-d8 (Surr)	*101*		*67 - 125*	*01/30/13 13:45*	*02/05/13 21:01*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C20)	ND		17	9.6	mg/Kg	☼	02/05/13 13:19	02/07/13 21:36	1
Oil Range Organics (C20-C34)	**24**		17	9.6	mg/Kg	☼	02/05/13 13:19	02/07/13 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*45*		*10 - 110*	*02/05/13 13:19*	*02/07/13 21:36*	*1*

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

Client Sample ID: MW-04

Lab Sample ID: 240-20457-7

Date Collected: 01/29/13 12:10
Date Received: 01/30/13 08:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.3	J	10	1.1	ug/L			02/04/13 19:43	1
Benzene	ND		1.0	0.13	ug/L			02/04/13 19:43	1
Bromodichloromethane	ND		1.0	0.15	ug/L			02/04/13 19:43	1
Bromoform	ND		1.0	0.64	ug/L			02/04/13 19:43	1
Bromomethane	ND		1.0	0.41	ug/L			02/04/13 19:43	1
2-Butanone (MEK)	ND		10	0.57	ug/L			02/04/13 19:43	1
Carbon disulfide	ND		1.0	0.13	ug/L			02/04/13 19:43	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			02/04/13 19:43	1
Chlorobenzene	ND		1.0	0.15	ug/L			02/04/13 19:43	1
Chloroethane	ND		1.0	0.29	ug/L			02/04/13 19:43	1
Chloroform	ND		1.0	0.16	ug/L			02/04/13 19:43	1
Chloromethane	ND		1.0	0.30	ug/L			02/04/13 19:43	1
cis-1,2-Dichloroethene	ND		1.0	0.17	ug/L			02/04/13 19:43	1
cis-1,3-Dichloropropene	ND		1.0	0.14	ug/L			02/04/13 19:43	1
Dibromochloromethane	ND		1.0	0.18	ug/L			02/04/13 19:43	1
1,1-Dichloroethane	ND		1.0	0.15	ug/L			02/04/13 19:43	1
1,2-Dichloroethane	ND		1.0	0.22	ug/L			02/04/13 19:43	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			02/04/13 19:43	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			02/04/13 19:43	1
Ethylbenzene	ND		1.0	0.17	ug/L			02/04/13 19:43	1
2-Hexanone	ND		10	0.41	ug/L			02/04/13 19:43	1
Methylene Chloride	ND		1.0	0.33	ug/L			02/04/13 19:43	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.32	ug/L			02/04/13 19:43	1
Styrene	ND		1.0	0.11	ug/L			02/04/13 19:43	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			02/04/13 19:43	1
Tetrachloroethene	ND		1.0	0.29	ug/L			02/04/13 19:43	1
Toluene	ND		1.0	0.13	ug/L			02/04/13 19:43	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			02/04/13 19:43	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			02/04/13 19:43	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			02/04/13 19:43	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			02/04/13 19:43	1
Trichloroethene	ND		1.0	0.17	ug/L			02/04/13 19:43	1
Vinyl chloride	ND		1.0	0.22	ug/L			02/04/13 19:43	1
Xylenes, Total	ND		2.0	0.28	ug/L			02/04/13 19:43	1
Methyl tert-butyl ether	ND		5.0	0.17	ug/L			02/04/13 19:43	1
n-Hexane	ND		1.0	0.26	ug/L			02/04/13 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*66 - 117*		*02/04/13 19:43*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 121*		*02/04/13 19:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 129*		*02/04/13 19:43*	*1*
Toluene-d8 (Surr)	*106*		*74 - 115*		*02/04/13 19:43*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 14:14	1
Acenaphthylene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 14:14	1
Anthracene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 14:14	1
Benzo[a]anthracene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 14:14	1
Benzo[a]pyrene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 14:14	1

Client Sample ID: MW-04

Date Collected: 01/29/13 12:10
Date Received: 01/30/13 08:00

Lab Sample ID: 240-20457-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 14:14	1
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 14:14	1
Benzo[k]fluoranthene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 14:14	1
Bis(2-chloroethoxy)methane	ND		1.0	0.32	ug/L		02/01/13 10:00	02/05/13 14:14	1
Bis(2-chloroethyl)ether	ND		1.0	0.10	ug/L		02/01/13 10:00	02/05/13 14:14	1
Bis(2-ethylhexyl) phthalate	ND		2.0	0.80	ug/L		02/01/13 10:00	02/05/13 14:14	1
4-Bromophenyl phenyl ether	ND		2.0	0.80	ug/L		02/01/13 10:00	02/05/13 14:14	1
Butyl benzyl phthalate	ND		1.0	0.80	ug/L		02/01/13 10:00	02/05/13 14:14	1
4-Chloroaniline	ND		2.0	0.80	ug/L		02/01/13 10:00	02/05/13 14:14	1
4-Chloro-3-methylphenol	ND		2.0	0.80	ug/L		02/01/13 10:00	02/05/13 14:14	1
2-Chloronaphthalene	ND		1.0	0.10	ug/L		02/01/13 10:00	02/05/13 14:14	1
2-Chlorophenol	ND		1.0	0.29	ug/L		02/01/13 10:00	02/05/13 14:14	1
4-Chlorophenyl phenyl ether	ND		2.0	0.30	ug/L		02/01/13 10:00	02/05/13 14:14	1
Chrysene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 14:14	1
Dibenz(a,h)anthracene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 14:14	1
Dibenzofuran	ND		1.0	0.10	ug/L		02/01/13 10:00	02/05/13 14:14	1
1,2-Dichlorobenzene	ND		1.0	0.29	ug/L		02/01/13 10:00	02/05/13 14:14	1
1,3-Dichlorobenzene	ND		1.0	0.80	ug/L		02/01/13 10:00	02/05/13 14:14	1
1,4-Dichlorobenzene	ND		1.0	0.34	ug/L		02/01/13 10:00	02/05/13 14:14	1
3,3'-Dichlorobenzidine	ND		5.0	0.37	ug/L		02/01/13 10:00	02/05/13 14:14	1
2,4-Dichlorophenol	ND		2.0	0.80	ug/L		02/01/13 10:00	02/05/13 14:14	1
Diethyl phthalate	ND		1.0	0.60	ug/L		02/01/13 10:00	02/05/13 14:14	1
2,4-Dimethylphenol	ND		2.0	0.80	ug/L		02/01/13 10:00	02/05/13 14:14	1
Dimethyl phthalate	ND		1.0	0.29	ug/L		02/01/13 10:00	02/05/13 14:14	1
Di-n-butyl phthalate	ND		1.0	0.67	ug/L		02/01/13 10:00	02/05/13 14:14	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.4	ug/L		02/01/13 10:00	02/05/13 14:14	1
2,4-Dinitrophenol	ND		5.0	2.4	ug/L		02/01/13 10:00	02/05/13 14:14	1
2,4-Dinitrotoluene	ND		5.0	0.27	ug/L		02/01/13 10:00	02/05/13 14:14	1
2,6-Dinitrotoluene	ND		5.0	0.80	ug/L		02/01/13 10:00	02/05/13 14:14	1
Di-n-octyl phthalate	ND		1.0	0.80	ug/L		02/01/13 10:00	02/05/13 14:14	1
Fluoranthene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 14:14	1
Fluorene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 14:14	1
Hexachlorobenzene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 14:14	1
Hexachlorobutadiene	ND		1.0	0.27	ug/L		02/01/13 10:00	02/05/13 14:14	1
Hexachlorocyclopentadiene	ND		10	0.80	ug/L		02/01/13 10:00	02/05/13 14:14	1
Hexachloroethane	ND		1.0	0.80	ug/L		02/01/13 10:00	02/05/13 14:14	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 14:14	1
Isophorone	ND		1.0	0.27	ug/L		02/01/13 10:00	02/05/13 14:14	1
2-Methylnaphthalene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 14:14	1
2-Methylphenol	ND		1.0	0.80	ug/L		02/01/13 10:00	02/05/13 14:14	1
3 & 4 Methylphenol	ND		2.0	0.75	ug/L		02/01/13 10:00	02/05/13 14:14	1
Naphthalene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 14:14	1
2-Nitroaniline	ND		2.0	0.80	ug/L		02/01/13 10:00	02/05/13 14:14	1
3-Nitroaniline	ND		2.0	0.28	ug/L		02/01/13 10:00	02/05/13 14:14	1
4-Nitroaniline	ND		2.0	0.80	ug/L		02/01/13 10:00	02/05/13 14:14	1
Nitrobenzene	ND		1.0	0.040	ug/L		02/01/13 10:00	02/05/13 14:14	1
2-Nitrophenol	ND		2.0	0.28	ug/L		02/01/13 10:00	02/05/13 14:14	1
4-Nitrophenol	ND		5.0	2.4	ug/L		02/01/13 10:00	02/05/13 14:14	1
N-Nitrosodi-n-propylamine	ND		1.0	0.80	ug/L		02/01/13 10:00	02/05/13 14:14	1

Client Sample ID: MW-04

Date Collected: 01/29/13 12:10
Date Received: 01/30/13 08:00

Lab Sample ID: 240-20457-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		1.0	0.31	ug/L		02/01/13 10:00	02/05/13 14:14	1
2,2'-oxybis[1-chloropropane]	ND		1.0	0.40	ug/L		02/01/13 10:00	02/05/13 14:14	1
Pentachlorophenol	ND		5.0	2.4	ug/L		02/01/13 10:00	02/05/13 14:14	1
Phenanthrene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 14:14	1
Phenol	ND		1.0	0.60	ug/L		02/01/13 10:00	02/05/13 14:14	1
Pyrene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 14:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.28	ug/L		02/01/13 10:00	02/05/13 14:14	1
2,4,5-Trichlorophenol	ND		5.0	0.30	ug/L		02/01/13 10:00	02/05/13 14:14	1
2,4,6-Trichlorophenol	ND		5.0	0.80	ug/L		02/01/13 10:00	02/05/13 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*49*		*20 - 110*	*02/01/13 10:00*	*02/05/13 14:14*	*1*
2-Fluorophenol (Surr)	*66*		*10 - 110*	*02/01/13 10:00*	*02/05/13 14:14*	*1*
Nitrobenzene-d5 (Surr)	*58*		*21 - 110*	*02/01/13 10:00*	*02/05/13 14:14*	*1*
Phenol-d5 (Surr)	*68*		*21 - 110*	*02/01/13 10:00*	*02/05/13 14:14*	*1*
Terphenyl-d14 (Surr)	*59*		*24 - 110*	*02/01/13 10:00*	*02/05/13 14:14*	*1*
2,4,6-Tribromophenol (Surr)	*63*		*21 - 110*	*02/01/13 10:00*	*02/05/13 14:14*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		0.50	0.17	ug/L		02/01/13 10:14	02/05/13 15:18	1
Aroclor 1221	ND		0.50	0.13	ug/L		02/01/13 10:14	02/05/13 15:18	1
Aroclor 1232	ND		0.50	0.16	ug/L		02/01/13 10:14	02/05/13 15:18	1
Aroclor 1242	ND		0.50	0.22	ug/L		02/01/13 10:14	02/05/13 15:18	1
Aroclor 1248	ND		0.50	0.10	ug/L		02/01/13 10:14	02/05/13 15:18	1
Aroclor 1254	ND		0.50	0.16	ug/L		02/01/13 10:14	02/05/13 15:18	1
Aroclor 1260	ND		0.50	0.17	ug/L		02/01/13 10:14	02/05/13 15:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*70*		*23 - 136*	*02/01/13 10:14*	*02/05/13 15:18*	*1*
DCB Decachlorobiphenyl	*65*		*10 - 130*	*02/01/13 10:14*	*02/05/13 15:18*	*1*

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	56	J B	200	0.67	ug/L		01/31/13 07:35	02/01/13 15:29	1
Cadmium	ND		2.0	0.66	ug/L		01/31/13 07:35	02/01/13 15:29	1
Chromium	ND		5.0	2.2	ug/L		01/31/13 07:35	02/01/13 15:29	1
Silver	ND		5.0	2.2	ug/L		01/31/13 07:35	02/01/13 15:29	1
Arsenic	ND		10	3.2	ug/L		01/31/13 07:35	02/01/13 15:29	1
Lead	ND		3.0	1.9	ug/L		01/31/13 07:35	02/01/13 15:29	1
Selenium	ND		5.0	4.1	ug/L		01/31/13 07:35	02/01/13 15:29	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		02/01/13 15:15	02/05/13 11:43	1

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

Client Sample ID: MW-05
Date Collected: 01/29/13 15:15
Date Received: 01/30/13 08:00

Lab Sample ID: 240-20457-8
Matrix: Water

8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**1.9**	J	10	1.1	ug/L			02/04/13 20:05	1
Benzene	ND		1.0	0.13	ug/L			02/04/13 20:05	1
Bromodichloromethane	ND		1.0	0.15	ug/L			02/04/13 20:05	1
Bromoform	ND		1.0	0.64	ug/L			02/04/13 20:05	1
Bromomethane	ND		1.0	0.41	ug/L			02/04/13 20:05	1
2-Butanone (MEK)	ND		10	0.57	ug/L			02/04/13 20:05	1
Carbon disulfide	ND		1.0	0.13	ug/L			02/04/13 20:05	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			02/04/13 20:05	1
Chlorobenzene	ND		1.0	0.15	ug/L			02/04/13 20:05	1
Chloroethane	ND		1.0	0.29	ug/L			02/04/13 20:05	1
Chloroform	ND		1.0	0.16	ug/L			02/04/13 20:05	1
Chloromethane	ND		1.0	0.30	ug/L			02/04/13 20:05	1
cis-1,2-Dichloroethene	ND		1.0	0.17	ug/L			02/04/13 20:05	1
cis-1,3-Dichloropropene	ND		1.0	0.14	ug/L			02/04/13 20:05	1
Dibromochloromethane	ND		1.0	0.18	ug/L			02/04/13 20:05	1
1,1-Dichloroethane	ND		1.0	0.15	ug/L			02/04/13 20:05	1
1,2-Dichloroethane	ND		1.0	0.22	ug/L			02/04/13 20:05	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			02/04/13 20:05	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			02/04/13 20:05	1
Ethylbenzene	ND		1.0	0.17	ug/L			02/04/13 20:05	1
2-Hexanone	ND		10	0.41	ug/L			02/04/13 20:05	1
Methylene Chloride	ND		1.0	0.33	ug/L			02/04/13 20:05	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.32	ug/L			02/04/13 20:05	1
Styrene	ND		1.0	0.11	ug/L			02/04/13 20:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			02/04/13 20:05	1
Tetrachloroethene	ND		1.0	0.29	ug/L			02/04/13 20:05	1
Toluene	ND		1.0	0.13	ug/L			02/04/13 20:05	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			02/04/13 20:05	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			02/04/13 20:05	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			02/04/13 20:05	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			02/04/13 20:05	1
Trichloroethene	ND		1.0	0.17	ug/L			02/04/13 20:05	1
Vinyl chloride	ND		1.0	0.22	ug/L			02/04/13 20:05	1
Xylenes, Total	ND		2.0	0.28	ug/L			02/04/13 20:05	1
Methyl tert-butyl ether	ND		5.0	0.17	ug/L			02/04/13 20:05	1
n-Hexane	ND		1.0	0.26	ug/L			02/04/13 20:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*66 - 117*		*02/04/13 20:05*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 121*		*02/04/13 20:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*63 - 129*		*02/04/13 20:05*	*1*
Toluene-d8 (Surr)	*103*		*74 - 115*		*02/04/13 20:05*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 14:36	1
Acenaphthylene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 14:36	1
Anthracene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 14:36	1
Benzo[a]anthracene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 14:36	1
Benzo[a]pyrene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 14:36	1

Client Sample ID: MW-05

Date Collected: 01/29/13 15:15
Date Received: 01/30/13 08:00

Lab Sample ID: 240-20457-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 14:36	1
Benzo[g,h,i]perylene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 14:36	1
Benzo[k]fluoranthene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 14:36	1
Bis(2-chloroethoxy)methane	ND		0.98	0.31	ug/L		02/01/13 10:00	02/05/13 14:36	1
Bis(2-chloroethyl)ether	ND		0.98	0.098	ug/L		02/01/13 10:00	02/05/13 14:36	1
Bis(2-ethylhexyl) phthalate	**1.3**	J	2.0	0.78	ug/L		02/01/13 10:00	02/05/13 14:36	1
4-Bromophenyl phenyl ether	ND		2.0	0.78	ug/L		02/01/13 10:00	02/05/13 14:36	1
Butyl benzyl phthalate	ND		0.98	0.78	ug/L		02/01/13 10:00	02/05/13 14:36	1
4-Chloroaniline	ND		2.0	0.78	ug/L		02/01/13 10:00	02/05/13 14:36	1
4-Chloro-3-methylphenol	ND		2.0	0.78	ug/L		02/01/13 10:00	02/05/13 14:36	1
2-Chloronaphthalene	ND		0.98	0.098	ug/L		02/01/13 10:00	02/05/13 14:36	1
2-Chlorophenol	ND		0.98	0.28	ug/L		02/01/13 10:00	02/05/13 14:36	1
4-Chlorophenyl phenyl ether	ND		2.0	0.29	ug/L		02/01/13 10:00	02/05/13 14:36	1
Chrysene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 14:36	1
Dibenz(a,h)anthracene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 14:36	1
Dibenzofuran	ND		0.98	0.098	ug/L		02/01/13 10:00	02/05/13 14:36	1
1,2-Dichlorobenzene	ND		0.98	0.28	ug/L		02/01/13 10:00	02/05/13 14:36	1
1,3-Dichlorobenzene	ND		0.98	0.78	ug/L		02/01/13 10:00	02/05/13 14:36	1
1,4-Dichlorobenzene	ND		0.98	0.33	ug/L		02/01/13 10:00	02/05/13 14:36	1
3,3'-Dichlorobenzidine	ND		4.9	0.38	ug/L		02/01/13 10:00	02/05/13 14:36	1
2,4-Dichlorophenol	ND		2.0	0.78	ug/L		02/01/13 10:00	02/05/13 14:36	1
Diethyl phthalate	ND		0.98	0.59	ug/L		02/01/13 10:00	02/05/13 14:36	1
2,4-Dimethylphenol	ND		2.0	0.78	ug/L		02/01/13 10:00	02/05/13 14:36	1
Dimethyl phthalate	ND		0.98	0.28	ug/L		02/01/13 10:00	02/05/13 14:36	1
Di-n-butyl phthalate	ND		0.98	0.66	ug/L		02/01/13 10:00	02/05/13 14:36	1
4,6-Dinitro-2-methylphenol	ND		4.9	2.4	ug/L		02/01/13 10:00	02/05/13 14:36	1
2,4-Dinitrophenol	ND		4.9	2.4	ug/L		02/01/13 10:00	02/05/13 14:36	1
2,4-Dinitrotoluene	ND		4.9	0.26	ug/L		02/01/13 10:00	02/05/13 14:36	1
2,6-Dinitrotoluene	ND		4.9	0.78	ug/L		02/01/13 10:00	02/05/13 14:36	1
Di-n-octyl phthalate	ND		0.98	0.78	ug/L		02/01/13 10:00	02/05/13 14:36	1
Fluoranthene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 14:36	1
Fluorene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 14:36	1
Hexachlorobenzene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 14:36	1
Hexachlorobutadiene	ND		0.98	0.26	ug/L		02/01/13 10:00	02/05/13 14:36	1
Hexachlorocyclopentadiene	ND		9.8	0.78	ug/L		02/01/13 10:00	02/05/13 14:36	1
Hexachloroethane	ND		0.98	0.78	ug/L		02/01/13 10:00	02/05/13 14:36	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 14:36	1
Isophorone	ND		0.98	0.26	ug/L		02/01/13 10:00	02/05/13 14:36	1
2-Methylnaphthalene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 14:36	1
2-Methylphenol	ND		0.98	0.78	ug/L		02/01/13 10:00	02/05/13 14:36	1
3 & 4 Methylphenol	ND		2.0	0.74	ug/L		02/01/13 10:00	02/05/13 14:36	1
Naphthalene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 14:36	1
2-Nitroaniline	ND		2.0	0.78	ug/L		02/01/13 10:00	02/05/13 14:36	1
3-Nitroaniline	ND		2.0	0.27	ug/L		02/01/13 10:00	02/05/13 14:36	1
4-Nitroaniline	ND		2.0	0.78	ug/L		02/01/13 10:00	02/05/13 14:36	1
Nitrobenzene	ND		0.98	0.039	ug/L		02/01/13 10:00	02/05/13 14:36	1
2-Nitrophenol	ND		2.0	0.27	ug/L		02/01/13 10:00	02/05/13 14:36	1
4-Nitrophenol	ND		4.9	2.4	ug/L		02/01/13 10:00	02/05/13 14:36	1
N-Nitrosodi-n-propylamine	ND		0.98	0.78	ug/L		02/01/13 10:00	02/05/13 14:36	1

Client Sample ID: MW-05

Date Collected: 01/29/13 15:15
Date Received: 01/30/13 08:00

Lab Sample ID: 240-20457-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.98	0.30	ug/L		02/01/13 10:00	02/05/13 14:36	1
2,2'-oxybis[1-chloropropane]	ND		0.98	0.39	ug/L		02/01/13 10:00	02/05/13 14:36	1
Pentachlorophenol	ND		4.9	2.4	ug/L		02/01/13 10:00	02/05/13 14:36	1
Phenanthrene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 14:36	1
Phenol	ND		0.98	0.59	ug/L		02/01/13 10:00	02/05/13 14:36	1
Pyrene	ND		0.20	0.098	ug/L		02/01/13 10:00	02/05/13 14:36	1
1,2,4-Trichlorobenzene	ND		0.98	0.27	ug/L		02/01/13 10:00	02/05/13 14:36	1
2,4,5-Trichlorophenol	ND		4.9	0.29	ug/L		02/01/13 10:00	02/05/13 14:36	1
2,4,6-Trichlorophenol	ND		4.9	0.78	ug/L		02/01/13 10:00	02/05/13 14:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*48*		*20 - 110*	*02/01/13 10:00*	*02/05/13 14:36*	*1*
2-Fluorophenol (Surr)	*61*		*10 - 110*	*02/01/13 10:00*	*02/05/13 14:36*	*1*
Nitrobenzene-d5 (Surr)	*56*		*21 - 110*	*02/01/13 10:00*	*02/05/13 14:36*	*1*
Phenol-d5 (Surr)	*63*		*21 - 110*	*02/01/13 10:00*	*02/05/13 14:36*	*1*
Terphenyl-d14 (Surr)	*60*		*24 - 110*	*02/01/13 10:00*	*02/05/13 14:36*	*1*
2,4,6-Tribromophenol (Surr)	*63*		*21 - 110*	*02/01/13 10:00*	*02/05/13 14:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		0.48	0.16	ug/L		02/01/13 10:14	02/05/13 15:33	1
Aroclor 1221	ND		0.48	0.13	ug/L		02/01/13 10:14	02/05/13 15:33	1
Aroclor 1232	ND		0.48	0.15	ug/L		02/01/13 10:14	02/05/13 15:33	1
Aroclor 1242	ND		0.48	0.21	ug/L		02/01/13 10:14	02/05/13 15:33	1
Aroclor 1248	ND		0.48	0.096	ug/L		02/01/13 10:14	02/05/13 15:33	1
Aroclor 1254	ND		0.48	0.15	ug/L		02/01/13 10:14	02/05/13 15:33	1
Aroclor 1260	ND		0.48	0.16	ug/L		02/01/13 10:14	02/05/13 15:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*73*		*23 - 136*	*02/01/13 10:14*	*02/05/13 15:33*	*1*
DCB Decachlorobiphenyl	*60*		*10 - 130*	*02/01/13 10:14*	*02/05/13 15:33*	*1*

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	49	J B	200	0.67	ug/L		01/31/13 07:35	02/01/13 15:33	1
Cadmium	ND		2.0	0.66	ug/L		01/31/13 07:35	02/01/13 15:33	1
Chromium	ND		5.0	2.2	ug/L		01/31/13 07:35	02/01/13 15:33	1
Silver	ND		5.0	2.2	ug/L		01/31/13 07:35	02/01/13 15:33	1
Arsenic	ND		10	3.2	ug/L		01/31/13 07:35	02/01/13 15:33	1
Lead	ND		3.0	1.9	ug/L		01/31/13 07:35	02/01/13 15:33	1
Selenium	ND		5.0	4.1	ug/L		01/31/13 07:35	02/01/13 15:33	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		02/01/13 15:15	02/05/13 11:46	1

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

Client Sample ID: IA03-B08(0-2)

Lab Sample ID: 240-20457-9

Date Collected: 01/29/13 14:20
Date Received: 01/30/13 08:00

Matrix: Solid
Percent Solids: 96.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**44**		17	5.5	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
Benzene	**0.49**	J	4.4	0.20	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
Bromodichloromethane	ND		4.4	0.24	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
Bromoform	ND		4.4	0.29	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
Bromomethane	ND		4.4	0.47	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
2-Butanone (MEK)	**9.2**	J	17	1.2	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
Carbon disulfide	**4.0**	J	4.4	0.38	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
Carbon tetrachloride	ND		4.4	0.32	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
Chlorobenzene	ND		4.4	0.29	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
Chloroethane	ND	*	4.4	0.75	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
Chloroform	ND		4.4	0.25	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
Chloromethane	ND		4.4	0.36	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
cis-1,2-Dichloroethene	ND		4.4	0.31	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
cis-1,3-Dichloropropene	ND		4.4	0.30	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
Dibromochloromethane	ND		4.4	0.48	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
1,1-Dichloroethane	ND		4.4	0.31	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
1,2-Dichloroethane	ND		4.4	0.30	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
1,1-Dichloroethene	ND		4.4	0.45	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
1,2-Dichloropropane	ND		4.4	0.60	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
Ethylbenzene	**0.32**	J	4.4	0.23	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
2-Hexanone	**1.4**	J	17	0.55	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
Methylene chloride	ND		4.4	0.58	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
4-Methyl-2-pentanone (MIBK)	**5.9**	J	17	0.47	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
Styrene	ND		4.4	0.13	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
1,1,2,2-Tetrachloroethane	ND		4.4	0.30	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
Tetrachloroethene	ND		4.4	0.45	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
Toluene	**1.2**	J	4.4	0.24	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
trans-1,2-Dichloroethene	ND		4.4	0.36	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
trans-1,3-Dichloropropene	ND		4.4	0.47	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
1,1,1-Trichloroethane	ND		4.4	0.49	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
1,1,2-Trichloroethane	ND		4.4	0.34	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
Trichloroethene	ND		4.4	0.37	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
Vinyl chloride	ND		4.4	0.34	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
Xylenes, Total	ND		8.7	0.58	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
Methyl tert-butyl ether	ND		17	0.38	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1
n-Hexane	ND		4.4	1.0	ug/Kg	☼	01/30/13 13:45	02/05/13 21:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*52 - 136*	*01/30/13 13:45*	*02/05/13 21:23*	*1*
Dibromofluoromethane (Surr)	*42*		*37 - 132*	*01/30/13 13:45*	*02/05/13 21:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*58 - 123*	*01/30/13 13:45*	*02/05/13 21:23*	*1*
Toluene-d8 (Surr)	*93*		*67 - 125*	*01/30/13 13:45*	*02/05/13 21:23*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C20)	**350**	J	510	280	mg/Kg	☼	02/05/13 13:19	02/08/13 17:52	20
Oil Range Organics (C20-C34)	**5600**		510	280	mg/Kg	☼	02/05/13 13:19	02/08/13 17:52	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*42*		*10 - 110*	*02/05/13 13:19*	*02/08/13 17:52*	*20*

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

Client Sample ID: IA03-B09(0-2)

Lab Sample ID: 240-20457-10

Date Collected: 01/29/13 15:15
Date Received: 01/30/13 08:00

Matrix: Solid
Percent Solids: 78.6

8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		230	20	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
1,1,2,2-Tetrachloroethane	ND		230	8.3	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
1,1,2-Trichloroethane	ND		230	11	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
1,1-Dichloroethane	ND		230	16	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
1,1-Dichloroethene	ND		230	17	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
1,2-Dichloroethane	ND		230	9.3	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
1,2-Dichloropropane	ND		230	7.6	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
2-Hexanone	ND		930	19	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
Acetone	**200**	J	930	160	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
Benzene	**30**	J	230	11	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
Bromoform	ND		230	18	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
Bromomethane	ND		230	27	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
Carbon disulfide	**26**	J	230	11	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
Carbon tetrachloride	ND		230	6.0	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
Chlorobenzene	ND		230	6.0	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
Chloroethane	ND		230	57	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
Chloroform	ND		230	8.2	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
Chloromethane	ND		230	13	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
cis-1,2-Dichloroethene	ND		230	6.4	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
cis-1,3-Dichloropropene	ND		230	7.4	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
Bromodichloromethane	ND		230	9.2	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
Ethylbenzene	**63**	J B	230	5.0	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
n-Hexane	**52**	J	230	34	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
2-Butanone (MEK)	**96**	J	930	40	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
4-Methyl-2-pentanone (MIBK)	ND		930	45	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
Methyl tert-butyl ether	ND		930	6.6	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
Methylene chloride	ND		230	72	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
Styrene	ND		230	5.2	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
Tetrachloroethene	ND		230	11	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
Toluene	**93**	J B	230	16	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
trans-1,2-Dichloroethene	ND		230	8.6	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
trans-1,3-Dichloropropene	ND		230	19	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
Trichloroethene	ND		230	9.0	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
Vinyl chloride	ND		230	17	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
Xylenes, Total	**280**	J B	470	7.5	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1
Dibromochloromethane	ND		230	11	ug/Kg	☼	01/31/13 02:26	02/06/13 22:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*39 - 128*	*01/31/13 02:26*	*02/06/13 22:06*	*1*
4-Bromofluorobenzene (Surr)	*89*		*26 - 141*	*01/31/13 02:26*	*02/06/13 22:06*	*1*
Toluene-d8 (Surr)	*84*		*33 - 134*	*01/31/13 02:26*	*02/06/13 22:06*	*1*
Dibromofluoromethane (Surr)	*86*		*30 - 122*	*01/31/13 02:26*	*02/06/13 22:06*	*1*

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

Client Sample ID: IA03-B08(17-18)

Lab Sample ID: 240-20457-11

Date Collected: 01/29/13 14:45
Date Received: 01/30/13 08:00

Matrix: Solid
Percent Solids: 96.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**20**		17	5.5	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
Benzene	**0.32**	J	4.4	0.20	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
Bromodichloromethane	ND		4.4	0.24	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
Bromoform	ND		4.4	0.29	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
Bromomethane	ND		4.4	0.47	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
2-Butanone (MEK)	**3.6**	J	17	1.2	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
Carbon disulfide	**1.4**	J	4.4	0.38	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
Carbon tetrachloride	ND		4.4	0.32	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
Chlorobenzene	ND		4.4	0.29	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
Chloroethane	ND	*	4.4	0.75	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
Chloroform	ND		4.4	0.25	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
Chloromethane	ND		4.4	0.36	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
cis-1,2-Dichloroethene	ND		4.4	0.31	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
cis-1,3-Dichloropropene	ND		4.4	0.30	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
Dibromochloromethane	ND		4.4	0.48	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
1,1-Dichloroethane	ND		4.4	0.31	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
1,2-Dichloroethane	ND		4.4	0.30	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
1,1-Dichloroethene	ND		4.4	0.45	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
1,2-Dichloropropane	ND		4.4	0.60	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
Ethylbenzene	**0.24**	J	4.4	0.23	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
2-Hexanone	**0.71**	J	17	0.55	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
Methylene chloride	ND		4.4	0.59	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
4-Methyl-2-pentanone (MIBK)	**3.7**	J	17	0.47	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
Styrene	ND		4.4	0.13	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
1,1,2,2-Tetrachloroethane	ND		4.4	0.30	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
Tetrachloroethene	ND		4.4	0.45	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
Toluene	**0.71**	J	4.4	0.24	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
trans-1,2-Dichloroethene	ND		4.4	0.36	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
trans-1,3-Dichloropropene	ND		4.4	0.47	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
1,1,1-Trichloroethane	ND		4.4	0.49	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
1,1,2-Trichloroethane	ND		4.4	0.34	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
Trichloroethene	**1.9**	J	4.4	0.37	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
Vinyl chloride	ND		4.4	0.34	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
Xylenes, Total	ND		8.7	0.59	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
Methyl tert-butyl ether	ND		17	0.38	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1
n-Hexane	ND		4.4	1.0	ug/Kg	☼	01/30/13 13:45	02/05/13 22:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*52 - 136*	*01/30/13 13:45*	*02/05/13 22:06*	*1*
Dibromofluoromethane (Surr)	*77*		*37 - 132*	*01/30/13 13:45*	*02/05/13 22:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*58 - 123*	*01/30/13 13:45*	*02/05/13 22:06*	*1*
Toluene-d8 (Surr)	*93*		*67 - 125*	*01/30/13 13:45*	*02/05/13 22:06*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C20)	ND		520	290	mg/Kg	☼	02/05/13 13:19	02/08/13 18:23	20
Oil Range Organics (C20-C34)	**4500**		520	290	mg/Kg	☼	02/05/13 13:19	02/08/13 18:23	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*50*		*10 - 110*	*02/05/13 13:19*	*02/08/13 18:23*	*20*

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

Client Sample ID: IA03-B09(10-12)
Date Collected: 01/29/13 15:30
Date Received: 01/30/13 08:00

Lab Sample ID: 240-20457-12
Matrix: Solid
Percent Solids: 84.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		17	5.2	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
Benzene	ND		4.2	0.19	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
Bromodichloromethane	ND		4.2	0.23	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
Bromoform	ND		4.2	0.27	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
Bromomethane	ND		4.2	0.45	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
2-Butanone (MEK)	ND		17	1.2	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
Carbon disulfide	ND		4.2	0.37	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
Carbon tetrachloride	ND		4.2	0.31	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
Chlorobenzene	ND		4.2	0.27	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
Chloroethane	ND	*	4.2	0.72	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
Chloroform	ND		4.2	0.24	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
Chloromethane	ND		4.2	0.34	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
cis-1,2-Dichloroethene	ND		4.2	0.30	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
cis-1,3-Dichloropropene	ND		4.2	0.28	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
Dibromochloromethane	ND		4.2	0.46	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
1,1-Dichloroethane	ND		4.2	0.30	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
1,2-Dichloroethane	ND		4.2	0.28	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
1,1-Dichloroethene	ND		4.2	0.43	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
1,2-Dichloropropane	ND		4.2	0.57	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
Ethylbenzene	ND		4.2	0.22	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
2-Hexanone	ND		17	0.52	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
Methylene chloride	ND		4.2	0.56	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
4-Methyl-2-pentanone (MIBK)	ND		17	0.45	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
Styrene	ND		4.2	0.12	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
1,1,2,2-Tetrachloroethane	ND		4.2	0.28	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
Tetrachloroethene	ND		4.2	0.43	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
Toluene	ND		4.2	0.22	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
trans-1,2-Dichloroethene	ND		4.2	0.34	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
trans-1,3-Dichloropropene	ND		4.2	0.45	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
1,1,1-Trichloroethane	ND		4.2	0.47	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
1,1,2-Trichloroethane	ND		4.2	0.32	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
Trichloroethene	6.0		4.2	0.35	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
Vinyl chloride	ND		4.2	0.32	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
Xylenes, Total	ND		8.3	0.56	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
Methyl tert-butyl ether	ND		17	0.36	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1
n-Hexane	ND		4.2	1.0	ug/Kg	☼	01/30/13 13:45	02/05/13 19:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*52 - 136*	*01/30/13 13:45*	*02/05/13 19:57*	*1*
Dibromofluoromethane (Surr)	*84*		*37 - 132*	*01/30/13 13:45*	*02/05/13 19:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*58 - 123*	*01/30/13 13:45*	*02/05/13 19:57*	*1*
Toluene-d8 (Surr)	*91*		*67 - 125*	*01/30/13 13:45*	*02/05/13 19:57*	*1*

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

Client Sample ID: DUP-01

Date Collected: 01/29/13 00:00
Date Received: 01/30/13 08:00

Lab Sample ID: 240-20457-13

Matrix: Solid
Percent Solids: 92.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**7.2**	J	16	5.1	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
Benzene	ND		4.1	0.19	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
Bromodichloromethane	ND		4.1	0.23	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
Bromoform	ND		4.1	0.27	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
Bromomethane	ND		4.1	0.44	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
2-Butanone (MEK)	**1.1**	J	16	1.1	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
Carbon disulfide	ND		4.1	0.36	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
Carbon tetrachloride	ND		4.1	0.30	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
Chlorobenzene	ND		4.1	0.27	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
Chloroethane	ND	*	4.1	0.70	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
Chloroform	ND		4.1	0.24	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
Chloromethane	ND		4.1	0.33	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
cis-1,2-Dichloroethene	ND		4.1	0.29	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
cis-1,3-Dichloropropene	ND		4.1	0.28	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
Dibromochloromethane	ND		4.1	0.45	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
1,1-Dichloroethane	ND		4.1	0.29	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
1,2-Dichloroethane	ND		4.1	0.28	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
1,1-Dichloroethene	ND		4.1	0.42	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
1,2-Dichloropropane	ND		4.1	0.56	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
Ethylbenzene	ND		4.1	0.21	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
2-Hexanone	ND		16	0.51	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
Methylene chloride	ND		4.1	0.55	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
4-Methyl-2-pentanone (MIBK)	ND		16	0.44	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
Styrene	ND		4.1	0.12	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
1,1,2,2-Tetrachloroethane	ND		4.1	0.28	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
Tetrachloroethene	ND		4.1	0.42	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
Toluene	ND		4.1	0.22	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
trans-1,2-Dichloroethene	ND		4.1	0.33	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
trans-1,3-Dichloropropene	ND		4.1	0.44	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
1,1,1-Trichloroethane	ND		4.1	0.46	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
1,1,2-Trichloroethane	ND		4.1	0.32	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
Trichloroethene	**8.7**		4.1	0.34	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
Vinyl chloride	ND		4.1	0.32	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
Xylenes, Total	ND		8.2	0.55	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
Methyl tert-butyl ether	ND		16	0.35	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1
n-Hexane	ND		4.1	0.98	ug/Kg	☼	01/30/13 13:45	02/05/13 21:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*52 - 136*	*01/30/13 13:45*	*02/05/13 21:44*	*1*
Dibromofluoromethane (Surr)	*87*		*37 - 132*	*01/30/13 13:45*	*02/05/13 21:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*58 - 123*	*01/30/13 13:45*	*02/05/13 21:44*	*1*
Toluene-d8 (Surr)	*95*		*67 - 125*	*01/30/13 13:45*	*02/05/13 21:44*	*1*

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

Client Sample ID: TB-02

Lab Sample ID: 240-20457-14

Date Collected: 01/29/13 00:00
Date Received: 01/30/13 08:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**18**		10	1.1	ug/L			02/04/13 20:27	1
Benzene	ND		1.0	0.13	ug/L			02/04/13 20:27	1
Bromodichloromethane	ND		1.0	0.15	ug/L			02/04/13 20:27	1
Bromoform	ND		1.0	0.64	ug/L			02/04/13 20:27	1
Bromomethane	ND		1.0	0.41	ug/L			02/04/13 20:27	1
2-Butanone (MEK)	ND		10	0.57	ug/L			02/04/13 20:27	1
Carbon disulfide	ND		1.0	0.13	ug/L			02/04/13 20:27	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			02/04/13 20:27	1
Chlorobenzene	ND		1.0	0.15	ug/L			02/04/13 20:27	1
Chloroethane	ND		1.0	0.29	ug/L			02/04/13 20:27	1
Chloroform	ND		1.0	0.16	ug/L			02/04/13 20:27	1
Chloromethane	ND		1.0	0.30	ug/L			02/04/13 20:27	1
cis-1,2-Dichloroethene	ND		1.0	0.17	ug/L			02/04/13 20:27	1
cis-1,3-Dichloropropene	ND		1.0	0.14	ug/L			02/04/13 20:27	1
Dibromochloromethane	ND		1.0	0.18	ug/L			02/04/13 20:27	1
1,1-Dichloroethane	ND		1.0	0.15	ug/L			02/04/13 20:27	1
1,2-Dichloroethane	ND		1.0	0.22	ug/L			02/04/13 20:27	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			02/04/13 20:27	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			02/04/13 20:27	1
Ethylbenzene	ND		1.0	0.17	ug/L			02/04/13 20:27	1
2-Hexanone	ND		10	0.41	ug/L			02/04/13 20:27	1
Methylene Chloride	**0.47**	**J**	1.0	0.33	ug/L			02/04/13 20:27	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.32	ug/L			02/04/13 20:27	1
Styrene	ND		1.0	0.11	ug/L			02/04/13 20:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			02/04/13 20:27	1
Tetrachloroethene	ND		1.0	0.29	ug/L			02/04/13 20:27	1
Toluene	ND		1.0	0.13	ug/L			02/04/13 20:27	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			02/04/13 20:27	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			02/04/13 20:27	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			02/04/13 20:27	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			02/04/13 20:27	1
Trichloroethene	ND		1.0	0.17	ug/L			02/04/13 20:27	1
Vinyl chloride	ND		1.0	0.22	ug/L			02/04/13 20:27	1
Xylenes, Total	ND		2.0	0.28	ug/L			02/04/13 20:27	1
Methyl tert-butyl ether	ND		5.0	0.17	ug/L			02/04/13 20:27	1
n-Hexane	ND		1.0	0.26	ug/L			02/04/13 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*66 - 117*		*02/04/13 20:27*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 121*		*02/04/13 20:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*63 - 129*		*02/04/13 20:27*	*1*
Toluene-d8 (Surr)	*85*		*74 - 115*		*02/04/13 20:27*	*1*

Surrogate Summary

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

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

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(39-128)	(26-141)	(33-134)	(30-122)
240-20457-10	IA03-B09(0-2)	99	89	84	86
LCS 240-73730/2-A	Lab Control Sample	108	115	97	100
MB 240-73730/1-A	Method Blank	115	115	102	99

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

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

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	12DCE	TOL
Lab Sample ID	Client Sample ID	(52-136)	(37-132)	(58-123)	(67-125)
240-20457-5	IA03-B07(0-2)	94	91	98	99
240-20457-6	IA03-B07(10-12)	122	89	96	101
240-20457-9	IA03-B08(0-2)	107	42	101	93
240-20457-11	IA03-B08(17-18)	116	77	101	93
240-20457-12	IA03-B09(10-12)	98	84	103	91
240-20457-12 MS	IA03-B09(10-12)	118	97	99	96
240-20457-12 MSD	IA03-B09(10-12)	102	95	102	88
240-20457-13	DUP-01	116	87	98	95
LCS 240-74309/5	Lab Control Sample	107	96	99	93
LCS 240-74675/6	Lab Control Sample	97	96	92	100
MB 240-74309/12	Method Blank	100	84	94	91
MB 240-74675/7	Method Blank	95	94	90	99

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	12DCE	TOL
Lab Sample ID	Client Sample ID	(66-117)	(75-121)	(63-129)	(74-115)
240-20457-1	MW-01	100	97	106	83
240-20457-2	MW-02	93	86	101	100
240-20457-3	TB-01	88	78	105	83
240-20457-4	MW-03	100	97	104	93
240-20457-7	MW-04	114	93	105	106
240-20457-8	MW-05	114	107	120	103
240-20457-14	TB-02	96	93	107	85
LCS 240-74141/4	Lab Control Sample	99	92	91	93
MB 240-74141/5	Method Blank	103	86	98	86

Surrogate Summary

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	NBZ	PHL	TPH	TBP
Lab Sample ID	Client Sample ID	(20-110)	(10-110)	(21-110)	(21-110)	(24-110)	(21-110)
240-20457-1	MW-01	44	57	51	60	58	61
240-20457-2	MW-02	54	71	62	75	61	70
240-20457-4	MW-03	49	66	59	68	58	64
240-20457-7	MW-04	49	66	58	68	59	63
240-20457-8	MW-05	48	61	56	63	60	63
LCS 240-73936/9-A	Lab Control Sample	55	73	64	75	59	69
MB 240-73936/8-A	Method Blank	53	68	61	71	61	63

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPH = Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

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

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		C91
Lab Sample ID	Client Sample ID	(10-110)
240-20457-5	IA03-B07(0-2)	36
240-20457-6	IA03-B07(10-12)	45
240-20457-9	IA03-B08(0-2)	42
240-20457-11	IA03-B08(17-18)	50
LCS 240-74345/15-A	Lab Control Sample	45
MB 240-74345/16-A	Method Blank	47

Surrogate Legend

C9 = n-Nonane

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(23-136)	(10-130)
240-20457-1	MW-01	77	65
240-20457-2	MW-02	74	59
240-20457-4	MW-03	76	55
240-20457-7	MW-04	70	65
240-20457-8	MW-05	73	60

Surrogate Summary

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX1 (23-136)	DCB1 (10-130)
LCS 240-73948/10-A	Lab Control Sample	72	72
MB 240-73948/9-A	Method Blank	71	66

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

9

QC Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

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

Lab Sample ID: MB 240-73730/1-A
Matrix: Solid
Analysis Batch: 74309

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73730

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		1000	170	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
Benzene	ND		250	12	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
Bromoform	ND		250	19	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
Bromomethane	ND		250	29	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
Carbon disulfide	ND		250	12	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
Carbon tetrachloride	ND		250	6.4	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
Chlorobenzene	ND		250	6.4	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
1,1-Dichloroethane	ND		250	17	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
Chloroethane	ND		250	61	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
1,2-Dichloroethane	ND		250	10	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
Chloroform	ND		250	8.8	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
Chloromethane	ND		250	14	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
1,1-Dichloroethene	ND		250	18	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
cis-1,2-Dichloroethene	ND		250	6.9	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
1,2-Dichloropropane	ND		250	8.2	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
cis-1,3-Dichloropropene	ND		250	7.9	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
Bromodichloromethane	ND		250	9.9	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
2-Hexanone	ND		1000	20	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
Ethylbenzene	6.42	J	250	5.4	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
2-Butanone (MEK)	ND		1000	43	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
4-Methyl-2-pentanone (MIBK)	ND		1000	48	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
1,1,2,2-Tetrachloroethane	ND		250	8.9	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
Methylene chloride	97.0	J	250	77	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
Styrene	ND		250	5.6	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
Tetrachloroethene	ND		250	12	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
Toluene	32.5	J	250	17	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
1,1,1-Trichloroethane	ND		250	21	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
trans-1,2-Dichloroethene	ND		250	9.2	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
1,1,2-Trichloroethane	ND		250	12	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
trans-1,3-Dichloropropene	ND		250	20	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
Trichloroethene	ND		250	9.7	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
Vinyl chloride	ND		250	18	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
Methyl tert-butyl ether	ND		1000	7.1	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
Xylenes, Total	24.0	J	500	8.1	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
Dibromochloromethane	ND		250	12	ug/Kg		01/31/13 02:26	02/05/13 16:44	1
n-Hexane	ND		250	36	ug/Kg		01/31/13 02:26	02/05/13 16:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*26 - 141*	*01/31/13 02:26*	*02/05/13 16:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*39 - 128*	*01/31/13 02:26*	*02/05/13 16:44*	*1*
Toluene-d8 (Surr)	*102*		*33 - 134*	*01/31/13 02:26*	*02/05/13 16:44*	*1*
Dibromofluoromethane (Surr)	*99*		*30 - 122*	*01/31/13 02:26*	*02/05/13 16:44*	*1*

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

Lab Sample ID: LCS 240-73730/2-A
Matrix: Solid
Analysis Batch: 74309

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73730

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	1000	796	J	ug/Kg		80	16 - 156
Benzene	500	464		ug/Kg		93	70 - 117
Bromoform	500	399		ug/Kg		80	10 - 117
Bromomethane	500	380		ug/Kg		76	10 - 114
Carbon disulfide	500	208	J	ug/Kg		42	10 - 132
Carbon tetrachloride	500	355		ug/Kg		71	29 - 118
Chlorobenzene	500	451		ug/Kg		90	71 - 116
1,1-Dichloroethane	500	451		ug/Kg		90	63 - 117
Chloroethane	500	406		ug/Kg		81	10 - 120
1,2-Dichloroethane	500	463		ug/Kg		93	68 - 119
Chloroform	500	445		ug/Kg		89	63 - 116
Chloromethane	500	325		ug/Kg		65	25 - 110
1,1-Dichloroethene	500	422		ug/Kg		84	44 - 143
cis-1,2-Dichloroethene	500	449		ug/Kg		90	60 - 125
1,2-Dichloropropane	500	475		ug/Kg		95	73 - 113
cis-1,3-Dichloropropene	500	362		ug/Kg		72	25 - 120
Bromodichloromethane	500	369		ug/Kg		74	28 - 123
2-Hexanone	1000	835	J	ug/Kg		84	43 - 130
Ethylbenzene	500	479		ug/Kg		96	66 - 119
2-Butanone (MEK)	1000	887	J	ug/Kg		89	10 - 199
4-Methyl-2-pentanone (MIBK)	1000	844	J	ug/Kg		84	49 - 121
1,1,2,2-Tetrachloroethane	500	460		ug/Kg		92	54 - 121
Methylene chloride	500	539		ug/Kg		108	27 - 172
Styrene	500	437		ug/Kg		87	60 - 120
Tetrachloroethene	500	448		ug/Kg		90	58 - 131
Toluene	500	523		ug/Kg		105	66 - 123
1,1,1-Trichloroethane	500	397		ug/Kg		79	38 - 122
trans-1,2-Dichloroethene	500	428		ug/Kg		86	58 - 121
1,1,2-Trichloroethane	500	464		ug/Kg		93	74 - 114
trans-1,3-Dichloropropene	500	403		ug/Kg		81	22 - 122
Trichloroethene	500	472		ug/Kg		94	59 - 124
Vinyl chloride	500	338		ug/Kg		68	33 - 110
Methyl tert-butyl ether	500	434	J	ug/Kg		87	34 - 157
Xylenes, Total	1500	1460		ug/Kg		97	68 - 119
Dibromochloromethane	500	411		ug/Kg		82	22 - 113
n-Hexane	500	434		ug/Kg		87	51 - 144

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*26 - 141*
1,2-Dichloroethane-d4 (Surr)	*108*		*39 - 128*
Toluene-d8 (Surr)	*97*		*33 - 134*
Dibromofluoromethane (Surr)	*100*		*30 - 122*

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

Lab Sample ID: MB 240-74141/5
Matrix: Water
Analysis Batch: 74141

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	1.1	ug/L			02/04/13 12:16	1
Benzene	ND		1.0	0.13	ug/L			02/04/13 12:16	1
Bromoform	ND		1.0	0.64	ug/L			02/04/13 12:16	1
Bromomethane	ND		1.0	0.41	ug/L			02/04/13 12:16	1
Carbon disulfide	ND		1.0	0.13	ug/L			02/04/13 12:16	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			02/04/13 12:16	1
Chlorobenzene	ND		1.0	0.15	ug/L			02/04/13 12:16	1
1,1-Dichloroethane	ND		1.0	0.15	ug/L			02/04/13 12:16	1
Chloroethane	ND		1.0	0.29	ug/L			02/04/13 12:16	1
1,2-Dichloroethane	ND		1.0	0.22	ug/L			02/04/13 12:16	1
Chloroform	ND		1.0	0.16	ug/L			02/04/13 12:16	1
Chloromethane	ND		1.0	0.30	ug/L			02/04/13 12:16	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			02/04/13 12:16	1
cis-1,2-Dichloroethene	ND		1.0	0.17	ug/L			02/04/13 12:16	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			02/04/13 12:16	1
cis-1,3-Dichloropropene	ND		1.0	0.14	ug/L			02/04/13 12:16	1
Bromodichloromethane	ND		1.0	0.15	ug/L			02/04/13 12:16	1
2-Hexanone	ND		10	0.41	ug/L			02/04/13 12:16	1
Ethylbenzene	ND		1.0	0.17	ug/L			02/04/13 12:16	1
2-Butanone (MEK)	ND		10	0.57	ug/L			02/04/13 12:16	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.32	ug/L			02/04/13 12:16	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			02/04/13 12:16	1
Methylene Chloride	ND		1.0	0.33	ug/L			02/04/13 12:16	1
Styrene	ND		1.0	0.11	ug/L			02/04/13 12:16	1
Tetrachloroethene	ND		1.0	0.29	ug/L			02/04/13 12:16	1
Toluene	ND		1.0	0.13	ug/L			02/04/13 12:16	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			02/04/13 12:16	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			02/04/13 12:16	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			02/04/13 12:16	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			02/04/13 12:16	1
Trichloroethene	ND		1.0	0.17	ug/L			02/04/13 12:16	1
Vinyl chloride	ND		1.0	0.22	ug/L			02/04/13 12:16	1
Methyl tert-butyl ether	ND		5.0	0.17	ug/L			02/04/13 12:16	1
Xylenes, Total	ND		2.0	0.28	ug/L			02/04/13 12:16	1
Dibromochloromethane	ND		1.0	0.18	ug/L			02/04/13 12:16	1
n-Hexane	ND		1.0	0.26	ug/L			02/04/13 12:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*66 - 117*		*02/04/13 12:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 129*		*02/04/13 12:16*	*1*
Toluene-d8 (Surr)	*86*		*74 - 115*		*02/04/13 12:16*	*1*
Dibromofluoromethane (Surr)	*86*		*75 - 121*		*02/04/13 12:16*	*1*

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

Lab Sample ID: LCS 240-74141/4
Matrix: Water
Analysis Batch: 74141

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	18.5		ug/L		92	43 - 136
Benzene	10.0	9.87		ug/L		99	83 - 112
Bromoform	10.0	9.14		ug/L		91	40 - 131
Bromomethane	10.0	8.40		ug/L		84	11 - 185
Carbon disulfide	10.0	9.17		ug/L		92	62 - 142
Carbon tetrachloride	10.0	10.9		ug/L		109	66 - 128
Chlorobenzene	10.0	9.22		ug/L		92	85 - 110
1,1-Dichloroethane	10.0	9.90		ug/L		99	82 - 115
Chloroethane	10.0	9.96		ug/L		100	25 - 153
1,2-Dichloroethane	10.0	10.0		ug/L		100	71 - 127
Chloroform	10.0	9.73		ug/L		97	79 - 117
Chloromethane	10.0	10.9		ug/L		109	44 - 126
1,1-Dichloroethene	10.0	7.99		ug/L		80	78 - 131
cis-1,2-Dichloroethene	10.0	10.0		ug/L		100	80 - 113
1,2-Dichloropropane	10.0	9.96		ug/L		100	81 - 115
cis-1,3-Dichloropropene	10.0	8.45		ug/L		84	61 - 115
Bromodichloromethane	10.0	10.6		ug/L		106	72 - 121
2-Hexanone	20.0	21.0		ug/L		105	55 - 133
Ethylbenzene	10.0	9.92		ug/L		99	83 - 112
2-Butanone (MEK)	20.0	19.7		ug/L		99	60 - 126
4-Methyl-2-pentanone (MIBK)	20.0	19.9		ug/L		100	63 - 128
1,1,2,2-Tetrachloroethane	10.0	10.7		ug/L		107	68 - 118
Methylene Chloride	10.0	9.18		ug/L		92	66 - 131
Styrene	10.0	10.3		ug/L		103	79 - 114
Tetrachloroethene	10.0	8.51		ug/L		85	79 - 114
Toluene	10.0	9.67		ug/L		97	84 - 111
1,1,1-Trichloroethane	10.0	11.2		ug/L		112	74 - 118
trans-1,2-Dichloroethene	10.0	9.17		ug/L		92	83 - 117
1,1,2-Trichloroethane	10.0	10.1		ug/L		101	80 - 112
trans-1,3-Dichloropropene	10.0	10.0		ug/L		100	58 - 117
Trichloroethene	10.0	8.85		ug/L		89	76 - 117
Vinyl chloride	10.0	9.25		ug/L		93	53 - 127
Methyl tert-butyl ether	10.0	10.4		ug/L		104	52 - 144
Xylenes, Total	30.0	31.3		ug/L		104	83 - 112
Dibromochloromethane	10.0	10.6		ug/L		106	64 - 119
n-Hexane	10.0	8.14		ug/L		81	66 - 137

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*66 - 117*
1,2-Dichloroethane-d4 (Surr)	*91*		*63 - 129*
Toluene-d8 (Surr)	*93*		*74 - 115*
Dibromofluoromethane (Surr)	*92*		*75 - 121*

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

Lab Sample ID: MB 240-74309/12
Matrix: Solid
Analysis Batch: 74309

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.3	ug/Kg			02/05/13 14:35	1
Benzene	ND		5.0	0.23	ug/Kg			02/05/13 14:35	1
Bromoform	ND		5.0	0.33	ug/Kg			02/05/13 14:35	1
Bromomethane	ND		5.0	0.54	ug/Kg			02/05/13 14:35	1
Carbon disulfide	ND		5.0	0.44	ug/Kg			02/05/13 14:35	1
Carbon tetrachloride	ND		5.0	0.37	ug/Kg			02/05/13 14:35	1
Chlorobenzene	ND		5.0	0.33	ug/Kg			02/05/13 14:35	1
1,1-Dichloroethane	ND		5.0	0.36	ug/Kg			02/05/13 14:35	1
Chloroethane	ND		5.0	0.86	ug/Kg			02/05/13 14:35	1
1,2-Dichloroethane	ND		5.0	0.34	ug/Kg			02/05/13 14:35	1
Chloroform	ND		5.0	0.29	ug/Kg			02/05/13 14:35	1
Chloromethane	ND		5.0	0.41	ug/Kg			02/05/13 14:35	1
1,1-Dichloroethene	ND		5.0	0.52	ug/Kg			02/05/13 14:35	1
cis-1,2-Dichloroethene	ND		5.0	0.36	ug/Kg			02/05/13 14:35	1
1,2-Dichloropropane	ND		5.0	0.69	ug/Kg			02/05/13 14:35	1
cis-1,3-Dichloropropene	ND		5.0	0.34	ug/Kg			02/05/13 14:35	1
Bromodichloromethane	ND		5.0	0.28	ug/Kg			02/05/13 14:35	1
2-Hexanone	ND		20	0.63	ug/Kg			02/05/13 14:35	1
Ethylbenzene	ND		5.0	0.26	ug/Kg			02/05/13 14:35	1
2-Butanone (MEK)	ND		20	1.4	ug/Kg			02/05/13 14:35	1
4-Methyl-2-pentanone (MIBK)	ND		20	0.54	ug/Kg			02/05/13 14:35	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.34	ug/Kg			02/05/13 14:35	1
Methylene chloride	2.76	J	5.0	0.67	ug/Kg			02/05/13 14:35	1
Styrene	ND		5.0	0.15	ug/Kg			02/05/13 14:35	1
Tetrachloroethene	ND		5.0	0.52	ug/Kg			02/05/13 14:35	1
Toluene	ND		5.0	0.27	ug/Kg			02/05/13 14:35	1
1,1,1-Trichloroethane	ND		5.0	0.56	ug/Kg			02/05/13 14:35	1
trans-1,2-Dichloroethene	ND		5.0	0.41	ug/Kg			02/05/13 14:35	1
1,1,2-Trichloroethane	ND		5.0	0.39	ug/Kg			02/05/13 14:35	1
trans-1,3-Dichloropropene	ND		5.0	0.54	ug/Kg			02/05/13 14:35	1
Trichloroethene	ND		5.0	0.42	ug/Kg			02/05/13 14:35	1
Vinyl chloride	ND		5.0	0.39	ug/Kg			02/05/13 14:35	1
Methyl tert-butyl ether	ND		20	0.43	ug/Kg			02/05/13 14:35	1
Xylenes, Total	ND		10	0.67	ug/Kg			02/05/13 14:35	1
Dibromochloromethane	ND		5.0	0.55	ug/Kg			02/05/13 14:35	1
n-Hexane	ND		5.0	1.2	ug/Kg			02/05/13 14:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*52 - 136*		*02/05/13 14:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*58 - 123*		*02/05/13 14:35*	*1*
Toluene-d8 (Surr)	*91*		*67 - 125*		*02/05/13 14:35*	*1*
Dibromofluoromethane (Surr)	*84*		*37 - 132*		*02/05/13 14:35*	*1*

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

Lab Sample ID: LCS 240-74309/5
Matrix: Solid
Analysis Batch: 74309

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	127		ug/Kg		127	41 - 137
Benzene	50.0	50.9		ug/Kg		102	79 - 112
Bromoform	50.0	42.5		ug/Kg		85	62 - 133
Bromomethane	50.0	45.7		ug/Kg		91	42 - 136
Carbon disulfide	50.0	42.3		ug/Kg		85	62 - 146
Carbon tetrachloride	50.0	48.1		ug/Kg		96	71 - 129
Chlorobenzene	50.0	48.0		ug/Kg		96	78 - 110
1,1-Dichloroethane	50.0	51.5		ug/Kg		103	76 - 115
Chloroethane	50.0	78.4	*	ug/Kg		157	58 - 117
1,2-Dichloroethane	50.0	49.8		ug/Kg		100	72 - 120
Chloroform	50.0	48.8		ug/Kg		98	77 - 114
Chloromethane	50.0	49.9		ug/Kg		100	50 - 110
1,1-Dichloroethene	50.0	52.4		ug/Kg		105	75 - 135
cis-1,2-Dichloroethene	50.0	48.9		ug/Kg		98	76 - 113
1,2-Dichloropropane	50.0	51.5		ug/Kg		103	87 - 113
cis-1,3-Dichloropropene	50.0	48.5		ug/Kg		97	74 - 128
Bromodichloromethane	50.0	49.1		ug/Kg		98	84 - 122
2-Hexanone	100	95.6		ug/Kg		96	64 - 136
Ethylbenzene	50.0	50.0		ug/Kg		100	79 - 117
2-Butanone (MEK)	100	98.6		ug/Kg		99	52 - 131
4-Methyl-2-pentanone (MIBK)	100	94.4		ug/Kg		94	67 - 135
1,1,2,2-Tetrachloroethane	50.0	52.2		ug/Kg		104	77 - 123
Methylene chloride	50.0	56.5		ug/Kg		113	75 - 118
Styrene	50.0	49.3		ug/Kg		99	87 - 117
Tetrachloroethene	50.0	50.6		ug/Kg		101	79 - 114
Toluene	50.0	50.1		ug/Kg		100	75 - 111
1,1,1-Trichloroethane	50.0	47.8		ug/Kg		96	77 - 126
trans-1,2-Dichloroethene	50.0	50.8		ug/Kg		102	78 - 117
1,1,2-Trichloroethane	50.0	51.4		ug/Kg		103	83 - 112
trans-1,3-Dichloropropene	50.0	47.8		ug/Kg		96	73 - 131
Trichloroethene	50.0	51.0		ug/Kg		102	79 - 113
Vinyl chloride	50.0	49.1		ug/Kg		98	57 - 114
Methyl tert-butyl ether	50.0	48.6		ug/Kg		97	49 - 165
Xylenes, Total	150	151		ug/Kg		101	80 - 118
Dibromochloromethane	50.0	42.3		ug/Kg		85	72 - 127
n-Hexane	50.0	53.7		ug/Kg		107	86 - 134

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*52 - 136*
1,2-Dichloroethane-d4 (Surr)	*99*		*58 - 123*
Toluene-d8 (Surr)	*93*		*67 - 125*
Dibromofluoromethane (Surr)	*96*		*37 - 132*

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

Lab Sample ID: 240-20457-12 MS
Matrix: Solid
Analysis Batch: 74309

Client Sample ID: IA03-B09(10-12)
Prep Type: Total/NA
Prep Batch: 74332

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	ND		84.1	101		ug/Kg	☼	120	24 - 140
Benzene	ND		42.0	39.0		ug/Kg	☼	93	53 - 118
Bromodichloromethane	ND		42.0	36.5		ug/Kg	☼	87	35 - 132
Bromoform	ND		42.0	29.5		ug/Kg	☼	70	18 - 129
Bromomethane	ND		42.0	35.8		ug/Kg	☼	85	33 - 130
2-Butanone (MEK)	ND		84.1	83.4		ug/Kg	☼	99	30 - 143
Carbon disulfide	ND		42.0	29.6		ug/Kg	☼	70	20 - 151
Carbon tetrachloride	ND		42.0	35.1		ug/Kg	☼	84	32 - 137
Chlorobenzene	ND		42.0	29.7		ug/Kg	☼	71	37 - 116
Chloroethane	ND	*	42.0	40.8		ug/Kg	☼	97	45 - 118
Chloroform	ND		42.0	38.8		ug/Kg	☼	92	53 - 119
Chloromethane	ND		42.0	39.1		ug/Kg	☼	93	34 - 117
cis-1,2-Dichloroethene	ND		42.0	38.6		ug/Kg	☼	92	50 - 119
cis-1,3-Dichloropropene	ND		42.0	34.4		ug/Kg	☼	82	27 - 133
Dibromochloromethane	ND		42.0	30.9		ug/Kg	☼	74	29 - 135
1,1-Dichloroethane	ND		42.0	41.4		ug/Kg	☼	98	54 - 122
1,2-Dichloroethane	ND		42.0	40.5		ug/Kg	☼	96	49 - 123
1,1-Dichloroethene	ND		42.0	40.0		ug/Kg	☼	95	49 - 157
1,2-Dichloropropane	ND		42.0	40.5		ug/Kg	☼	96	61 - 117
Ethylbenzene	ND		42.0	29.4		ug/Kg	☼	70	30 - 131
2-Hexanone	ND		84.1	79.0		ug/Kg	☼	94	37 - 147
Methylene chloride	ND		42.0	39.5		ug/Kg	☼	94	54 - 115
4-Methyl-2-pentanone (MIBK)	ND		84.1	82.7		ug/Kg	☼	98	43 - 147
Styrene	ND		42.0	27.4		ug/Kg	☼	65	27 - 127
1,1,2,2-Tetrachloroethane	ND		42.0	46.3		ug/Kg	☼	110	16 - 179
Tetrachloroethene	ND		42.0	32.9		ug/Kg	☼	78	31 - 135
Toluene	ND		42.0	35.7		ug/Kg	☼	85	39 - 129
trans-1,2-Dichloroethene	ND		42.0	38.4		ug/Kg	☼	91	50 - 123
trans-1,3-Dichloropropene	ND		42.0	34.7		ug/Kg	☼	82	28 - 137
1,1,1-Trichloroethane	ND		42.0	36.2		ug/Kg	☼	86	51 - 128
1,1,2-Trichloroethane	ND		42.0	42.1		ug/Kg	☼	100	10 - 166
Trichloroethene	6.0		42.0	44.1		ug/Kg	☼	91	10 - 177
Vinyl chloride	ND		42.0	39.4		ug/Kg	☼	94	42 - 117
Xylenes, Total	ND		126	86.0		ug/Kg	☼	68	30 - 131
Methyl tert-butyl ether	ND		42.0	41.0		ug/Kg	☼	98	51 - 157
n-Hexane	ND		42.0	42.9		ug/Kg	☼	102	26 - 151

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*118*		*52 - 136*
Dibromofluoromethane (Surr)	*97*		*37 - 132*
1,2-Dichloroethane-d4 (Surr)	*99*		*58 - 123*
Toluene-d8 (Surr)	*96*		*67 - 125*

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

Lab Sample ID: 240-20457-12 MSD — **Client Sample ID: IA03-B09(10-12)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 74309 — **Prep Batch: 74332**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	ND		86.6	102		ug/Kg	☼	118	24 - 140	1	30
Benzene	ND		43.3	36.6		ug/Kg	☼	85	53 - 118	6	30
Bromodichloromethane	ND		43.3	34.0		ug/Kg	☼	79	35 - 132	7	30
Bromoform	ND		43.3	29.1		ug/Kg	☼	67	18 - 129	1	30
Bromomethane	ND		43.3	36.3		ug/Kg	☼	84	33 - 130	1	30
2-Butanone (MEK)	ND		86.6	86.4		ug/Kg	☼	100	30 - 143	4	30
Carbon disulfide	ND		43.3	30.3		ug/Kg	☼	70	20 - 151	2	30
Carbon tetrachloride	ND		43.3	34.5		ug/Kg	☼	80	32 - 137	2	30
Chlorobenzene	ND		43.3	27.3		ug/Kg	☼	63	37 - 116	8	30
Chloroethane	ND	*	43.3	40.0		ug/Kg	☼	92	45 - 118	2	30
Chloroform	ND		43.3	36.0		ug/Kg	☼	83	53 - 119	8	30
Chloromethane	ND		43.3	40.5		ug/Kg	☼	94	34 - 117	3	30
cis-1,2-Dichloroethene	ND		43.3	35.7		ug/Kg	☼	83	50 - 119	8	30
cis-1,3-Dichloropropene	ND		43.3	33.0		ug/Kg	☼	76	27 - 133	4	30
Dibromochloromethane	ND		43.3	28.7		ug/Kg	☼	66	29 - 135	7	30
1,1-Dichloroethane	ND		43.3	38.9		ug/Kg	☼	90	54 - 122	6	30
1,2-Dichloroethane	ND		43.3	38.1		ug/Kg	☼	88	49 - 123	6	30
1,1-Dichloroethene	ND		43.3	40.1		ug/Kg	☼	93	49 - 157	0	30
1,2-Dichloropropane	ND		43.3	38.4		ug/Kg	☼	89	61 - 117	5	30
Ethylbenzene	ND		43.3	26.9		ug/Kg	☼	62	30 - 131	9	30
2-Hexanone	ND		86.6	79.0		ug/Kg	☼	91	37 - 147	0	30
Methylene chloride	ND		43.3	36.7		ug/Kg	☼	85	54 - 115	7	30
4-Methyl-2-pentanone (MIBK)	ND		86.6	79.5		ug/Kg	☼	92	43 - 147	4	30
Styrene	ND		43.3	25.2		ug/Kg	☼	58	27 - 127	8	30
1,1,2,2-Tetrachloroethane	ND		43.3	39.1		ug/Kg	☼	90	16 - 179	17	30
Tetrachloroethene	ND		43.3	29.2		ug/Kg	☼	67	31 - 135	12	30
Toluene	ND		43.3	31.8		ug/Kg	☼	74	39 - 129	11	30
trans-1,2-Dichloroethene	ND		43.3	36.2		ug/Kg	☼	84	50 - 123	6	30
trans-1,3-Dichloropropene	ND		43.3	31.9		ug/Kg	☼	74	28 - 137	8	30
1,1,1-Trichloroethane	ND		43.3	35.9		ug/Kg	☼	83	51 - 128	1	30
1,1,2-Trichloroethane	ND		43.3	38.5		ug/Kg	☼	89	10 - 166	9	30
Trichloroethene	6.0		43.3	37.8		ug/Kg	☼	73	10 - 177	16	30
Vinyl chloride	ND		43.3	41.3		ug/Kg	☼	95	42 - 117	5	30
Xylenes, Total	ND		130	77.7		ug/Kg	☼	60	30 - 131	10	30
Methyl tert-butyl ether	ND		43.3	38.3		ug/Kg	☼	88	51 - 157	7	30
n-Hexane	ND		43.3	43.5		ug/Kg	☼	101	26 - 151	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*52 - 136*
Dibromofluoromethane (Surr)	*95*		*37 - 132*
1,2-Dichloroethane-d4 (Surr)	*102*		*58 - 123*
Toluene-d8 (Surr)	*88*		*67 - 125*

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

Lab Sample ID: MB 240-74675/7
Matrix: Solid
Analysis Batch: 74675

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.3	ug/Kg			02/08/13 00:39	1
Benzene	ND		5.0	0.23	ug/Kg			02/08/13 00:39	1
Bromoform	ND		5.0	0.33	ug/Kg			02/08/13 00:39	1
Bromomethane	ND		5.0	0.54	ug/Kg			02/08/13 00:39	1
Carbon disulfide	ND		5.0	0.44	ug/Kg			02/08/13 00:39	1
Carbon tetrachloride	ND		5.0	0.37	ug/Kg			02/08/13 00:39	1
Chlorobenzene	ND		5.0	0.33	ug/Kg			02/08/13 00:39	1
1,1-Dichloroethane	ND		5.0	0.36	ug/Kg			02/08/13 00:39	1
Chloroethane	ND		5.0	0.86	ug/Kg			02/08/13 00:39	1
1,2-Dichloroethane	ND		5.0	0.34	ug/Kg			02/08/13 00:39	1
Chloroform	ND		5.0	0.29	ug/Kg			02/08/13 00:39	1
Chloromethane	ND		5.0	0.41	ug/Kg			02/08/13 00:39	1
1,1-Dichloroethene	ND		5.0	0.52	ug/Kg			02/08/13 00:39	1
cis-1,2-Dichloroethene	ND		5.0	0.36	ug/Kg			02/08/13 00:39	1
1,2-Dichloropropane	ND		5.0	0.69	ug/Kg			02/08/13 00:39	1
cis-1,3-Dichloropropene	ND		5.0	0.34	ug/Kg			02/08/13 00:39	1
Bromodichloromethane	ND		5.0	0.28	ug/Kg			02/08/13 00:39	1
2-Hexanone	1.55	J	20	0.63	ug/Kg			02/08/13 00:39	1
Ethylbenzene	ND		5.0	0.26	ug/Kg			02/08/13 00:39	1
2-Butanone (MEK)	ND		20	1.4	ug/Kg			02/08/13 00:39	1
4-Methyl-2-pentanone (MIBK)	0.899	J	20	0.54	ug/Kg			02/08/13 00:39	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.34	ug/Kg			02/08/13 00:39	1
Methylene chloride	ND		5.0	0.67	ug/Kg			02/08/13 00:39	1
Styrene	ND		5.0	0.15	ug/Kg			02/08/13 00:39	1
Tetrachloroethene	ND		5.0	0.52	ug/Kg			02/08/13 00:39	1
Toluene	ND		5.0	0.27	ug/Kg			02/08/13 00:39	1
1,1,1-Trichloroethane	ND		5.0	0.56	ug/Kg			02/08/13 00:39	1
trans-1,2-Dichloroethene	ND		5.0	0.41	ug/Kg			02/08/13 00:39	1
1,1,2-Trichloroethane	ND		5.0	0.39	ug/Kg			02/08/13 00:39	1
trans-1,3-Dichloropropene	ND		5.0	0.54	ug/Kg			02/08/13 00:39	1
Trichloroethene	ND		5.0	0.42	ug/Kg			02/08/13 00:39	1
Vinyl chloride	ND		5.0	0.39	ug/Kg			02/08/13 00:39	1
Methyl tert-butyl ether	ND		20	0.43	ug/Kg			02/08/13 00:39	1
Xylenes, Total	ND		10	0.67	ug/Kg			02/08/13 00:39	1
Dibromochloromethane	ND		5.0	0.55	ug/Kg			02/08/13 00:39	1
n-Hexane	ND		5.0	1.2	ug/Kg			02/08/13 00:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*52 - 136*		*02/08/13 00:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*58 - 123*		*02/08/13 00:39*	*1*
Toluene-d8 (Surr)	*99*		*67 - 125*		*02/08/13 00:39*	*1*
Dibromofluoromethane (Surr)	*94*		*37 - 132*		*02/08/13 00:39*	*1*

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

Lab Sample ID: LCS 240-74675/6
Matrix: Solid
Analysis Batch: 74675

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	50.0	48.5		ug/Kg		97	41 - 137
Benzene	25.0	25.3		ug/Kg		101	79 - 112
Bromoform	25.0	24.9		ug/Kg		100	62 - 133
Bromomethane	25.0	25.2		ug/Kg		101	42 - 136
Carbon disulfide	25.0	26.9		ug/Kg		108	62 - 146
Carbon tetrachloride	25.0	26.3		ug/Kg		105	71 - 129
Chlorobenzene	25.0	24.7		ug/Kg		99	78 - 110
1,1-Dichloroethane	25.0	25.6		ug/Kg		102	76 - 115
Chloroethane	25.0	24.9		ug/Kg		100	58 - 117
1,2-Dichloroethane	25.0	25.2		ug/Kg		101	72 - 120
Chloroform	25.0	25.2		ug/Kg		101	77 - 114
Chloromethane	25.0	26.8		ug/Kg		107	50 - 110
1,1-Dichloroethene	25.0	27.4		ug/Kg		110	75 - 135
cis-1,2-Dichloroethene	25.0	25.3		ug/Kg		101	76 - 113
1,2-Dichloropropane	25.0	25.6		ug/Kg		102	87 - 113
cis-1,3-Dichloropropene	25.0	25.3		ug/Kg		101	74 - 128
Bromodichloromethane	25.0	26.7		ug/Kg		107	84 - 122
2-Hexanone	50.0	50.1		ug/Kg		100	64 - 136
Ethylbenzene	25.0	24.7		ug/Kg		99	79 - 117
2-Butanone (MEK)	50.0	50.0		ug/Kg		100	52 - 131
4-Methyl-2-pentanone (MIBK)	50.0	52.2		ug/Kg		104	67 - 135
1,1,2,2-Tetrachloroethane	25.0	25.0		ug/Kg		100	77 - 123
Methylene chloride	25.0	24.6		ug/Kg		98	75 - 118
Styrene	25.0	26.6		ug/Kg		107	87 - 117
Tetrachloroethene	25.0	26.3		ug/Kg		105	79 - 114
Toluene	25.0	24.9		ug/Kg		100	75 - 111
1,1,1-Trichloroethane	25.0	26.1		ug/Kg		104	77 - 126
trans-1,2-Dichloroethene	25.0	25.9		ug/Kg		104	78 - 117
1,1,2-Trichloroethane	25.0	25.8		ug/Kg		103	83 - 112
trans-1,3-Dichloropropene	25.0	24.8		ug/Kg		99	73 - 131
Trichloroethene	25.0	25.4		ug/Kg		102	79 - 113
Vinyl chloride	25.0	25.5		ug/Kg		102	57 - 114
Methyl tert-butyl ether	25.0	25.4		ug/Kg		102	49 - 165
Xylenes, Total	75.0	77.7		ug/Kg		104	80 - 118
Dibromochloromethane	25.0	26.2		ug/Kg		105	72 - 127
n-Hexane	25.0	27.5		ug/Kg		110	86 - 134

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*52 - 136*
1,2-Dichloroethane-d4 (Surr)	*92*		*58 - 123*
Toluene-d8 (Surr)	*100*		*67 - 125*
Dibromofluoromethane (Surr)	*96*		*37 - 132*

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

Lab Sample ID: MB 240-73936/8-A
Matrix: Water
Analysis Batch: 74262

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73936

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 08:23	1
Acenaphthylene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 08:23	1
Anthracene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 08:23	1
Benzo[a]anthracene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 08:23	1
Benzo[a]pyrene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 08:23	1
Benzo[b]fluoranthene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 08:23	1
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 08:23	1
Benzo[k]fluoranthene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 08:23	1
Bis(2-chloroethoxy)methane	ND		1.0	0.32	ug/L		02/01/13 10:00	02/05/13 08:23	1
Bis(2-chloroethyl)ether	ND		1.0	0.10	ug/L		02/01/13 10:00	02/05/13 08:23	1
Bis(2-ethylhexyl) phthalate	ND		2.0	0.80	ug/L		02/01/13 10:00	02/05/13 08:23	1
4-Bromophenyl phenyl ether	ND		2.0	0.80	ug/L		02/01/13 10:00	02/05/13 08:23	1
Butyl benzyl phthalate	ND		1.0	0.80	ug/L		02/01/13 10:00	02/05/13 08:23	1
4-Chloroaniline	ND		2.0	0.80	ug/L		02/01/13 10:00	02/05/13 08:23	1
4-Chloro-3-methylphenol	ND		2.0	0.80	ug/L		02/01/13 10:00	02/05/13 08:23	1
2-Chloronaphthalene	ND		1.0	0.10	ug/L		02/01/13 10:00	02/05/13 08:23	1
2-Chlorophenol	ND		1.0	0.29	ug/L		02/01/13 10:00	02/05/13 08:23	1
4-Chlorophenyl phenyl ether	ND		2.0	0.30	ug/L		02/01/13 10:00	02/05/13 08:23	1
Chrysene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 08:23	1
Dibenz(a,h)anthracene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 08:23	1
Dibenzofuran	ND		1.0	0.10	ug/L		02/01/13 10:00	02/05/13 08:23	1
1,2-Dichlorobenzene	ND		1.0	0.29	ug/L		02/01/13 10:00	02/05/13 08:23	1
1,3-Dichlorobenzene	ND		1.0	0.80	ug/L		02/01/13 10:00	02/05/13 08:23	1
1,4-Dichlorobenzene	ND		1.0	0.34	ug/L		02/01/13 10:00	02/05/13 08:23	1
3,3'-Dichlorobenzidine	ND		5.0	0.37	ug/L		02/01/13 10:00	02/05/13 08:23	1
2,4-Dichlorophenol	ND		2.0	0.80	ug/L		02/01/13 10:00	02/05/13 08:23	1
Diethyl phthalate	ND		1.0	0.60	ug/L		02/01/13 10:00	02/05/13 08:23	1
2,4-Dimethylphenol	ND		2.0	0.80	ug/L		02/01/13 10:00	02/05/13 08:23	1
Dimethyl phthalate	ND		1.0	0.29	ug/L		02/01/13 10:00	02/05/13 08:23	1
Di-n-butyl phthalate	ND		1.0	0.67	ug/L		02/01/13 10:00	02/05/13 08:23	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.4	ug/L		02/01/13 10:00	02/05/13 08:23	1
2,4-Dinitrophenol	ND		5.0	2.4	ug/L		02/01/13 10:00	02/05/13 08:23	1
2,4-Dinitrotoluene	ND		5.0	0.27	ug/L		02/01/13 10:00	02/05/13 08:23	1
2,6-Dinitrotoluene	ND		5.0	0.80	ug/L		02/01/13 10:00	02/05/13 08:23	1
Di-n-octyl phthalate	ND		1.0	0.80	ug/L		02/01/13 10:00	02/05/13 08:23	1
Fluoranthene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 08:23	1
Fluorene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 08:23	1
Hexachlorobenzene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 08:23	1
Hexachlorobutadiene	ND		1.0	0.27	ug/L		02/01/13 10:00	02/05/13 08:23	1
Hexachlorocyclopentadiene	ND		10	0.80	ug/L		02/01/13 10:00	02/05/13 08:23	1
Hexachloroethane	ND		1.0	0.80	ug/L		02/01/13 10:00	02/05/13 08:23	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 08:23	1
Isophorone	ND		1.0	0.27	ug/L		02/01/13 10:00	02/05/13 08:23	1
2-Methylnaphthalene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 08:23	1
2-Methylphenol	ND		1.0	0.80	ug/L		02/01/13 10:00	02/05/13 08:23	1
3 & 4 Methylphenol	ND		2.0	0.75	ug/L		02/01/13 10:00	02/05/13 08:23	1
Naphthalene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 08:23	1
2-Nitroaniline	ND		2.0	0.80	ug/L		02/01/13 10:00	02/05/13 08:23	1

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

Lab Sample ID: MB 240-73936/8-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 74262 — **Prep Batch: 73936**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	ND		2.0	0.28	ug/L		02/01/13 10:00	02/05/13 08:23	1
4-Nitroaniline	ND		2.0	0.80	ug/L		02/01/13 10:00	02/05/13 08:23	1
Nitrobenzene	ND		1.0	0.040	ug/L		02/01/13 10:00	02/05/13 08:23	1
2-Nitrophenol	ND		2.0	0.28	ug/L		02/01/13 10:00	02/05/13 08:23	1
4-Nitrophenol	ND		5.0	2.4	ug/L		02/01/13 10:00	02/05/13 08:23	1
N-Nitrosodi-n-propylamine	ND		1.0	0.80	ug/L		02/01/13 10:00	02/05/13 08:23	1
N-Nitrosodiphenylamine	ND		1.0	0.31	ug/L		02/01/13 10:00	02/05/13 08:23	1
2,2'-oxybis[1-chloropropane]	ND		1.0	0.40	ug/L		02/01/13 10:00	02/05/13 08:23	1
Pentachlorophenol	ND		5.0	2.4	ug/L		02/01/13 10:00	02/05/13 08:23	1
Phenanthrene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 08:23	1
Phenol	ND		1.0	0.60	ug/L		02/01/13 10:00	02/05/13 08:23	1
Pyrene	ND		0.20	0.10	ug/L		02/01/13 10:00	02/05/13 08:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.28	ug/L		02/01/13 10:00	02/05/13 08:23	1
2,4,5-Trichlorophenol	ND		5.0	0.30	ug/L		02/01/13 10:00	02/05/13 08:23	1
2,4,6-Trichlorophenol	ND		5.0	0.80	ug/L		02/01/13 10:00	02/05/13 08:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*53*		*20 - 110*	*02/01/13 10:00*	*02/05/13 08:23*	*1*
2-Fluorophenol (Surr)	*68*		*10 - 110*	*02/01/13 10:00*	*02/05/13 08:23*	*1*
Nitrobenzene-d5 (Surr)	*61*		*21 - 110*	*02/01/13 10:00*	*02/05/13 08:23*	*1*
Phenol-d5 (Surr)	*71*		*21 - 110*	*02/01/13 10:00*	*02/05/13 08:23*	*1*
Terphenyl-d14 (Surr)	*61*		*24 - 110*	*02/01/13 10:00*	*02/05/13 08:23*	*1*
2,4,6-Tribromophenol (Surr)	*63*		*21 - 110*	*02/01/13 10:00*	*02/05/13 08:23*	*1*

Lab Sample ID: LCS 240-73936/9-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 74262 — **Prep Batch: 73936**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	20.0	14.5		ug/L		72	47 - 110
Acenaphthylene	20.0	15.0		ug/L		75	49 - 110
Anthracene	20.0	14.3		ug/L		71	52 - 110
Benzo[a]anthracene	20.0	13.5		ug/L		67	52 - 110
Benzo[a]pyrene	20.0	12.1		ug/L		61	44 - 110
Benzo[b]fluoranthene	20.0	14.2		ug/L		71	48 - 110
Benzo[g,h,i]perylene	20.0	14.0		ug/L		70	50 - 110
Benzo[k]fluoranthene	20.0	12.6		ug/L		63	49 - 110
Bis(2-chloroethoxy)methane	20.0	11.9		ug/L		60	43 - 110
Bis(2-chloroethyl)ether	20.0	12.0		ug/L		60	40 - 110
Bis(2-ethylhexyl) phthalate	20.0	15.6		ug/L		78	39 - 116
4-Bromophenyl phenyl ether	20.0	11.1		ug/L		55	45 - 110
Butyl benzyl phthalate	20.0	16.1		ug/L		81	55 - 110
4-Chloroaniline	20.0	13.6		ug/L		68	44 - 110
4-Chloro-3-methylphenol	20.0	15.5		ug/L		77	52 - 110
2-Chloronaphthalene	20.0	11.6		ug/L		58	43 - 110
2-Chlorophenol	20.0	15.0		ug/L		75	29 - 110
4-Chlorophenyl phenyl ether	20.0	11.3		ug/L		57	47 - 110
Chrysene	20.0	14.3		ug/L		71	55 - 110

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

Lab Sample ID: LCS 240-73936/9-A
Matrix: Water
Analysis Batch: 74262

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73936

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dibenz(a,h)anthracene	20.0	14.0		ug/L		70	49 - 110
Dibenzofuran	20.0	14.4		ug/L		72	51 - 110
1,2-Dichlorobenzene	20.0	11.3		ug/L		56	38 - 110
1,3-Dichlorobenzene	20.0	11.0		ug/L		55	35 - 110
1,4-Dichlorobenzene	20.0	13.5		ug/L		68	39 - 110
3,3'-Dichlorobenzidine	20.0	10.0		ug/L		50	22 - 110
2,4-Dichlorophenol	20.0	15.0		ug/L		75	41 - 110
Diethyl phthalate	20.0	15.5		ug/L		77	58 - 110
2,4-Dimethylphenol	20.0	11.1		ug/L		56	32 - 110
Dimethyl phthalate	20.0	15.1		ug/L		76	57 - 110
Di-n-butyl phthalate	20.0	16.1		ug/L		80	57 - 110
4,6-Dinitro-2-methylphenol	20.0	15.4		ug/L		77	31 - 110
2,4-Dinitrophenol	20.0	14.4		ug/L		72	10 - 110
2,4-Dinitrotoluene	20.0	13.7		ug/L		68	53 - 110
2,6-Dinitrotoluene	20.0	13.8		ug/L		69	54 - 110
Di-n-octyl phthalate	20.0	13.5		ug/L		68	40 - 110
Fluoranthene	20.0	14.7		ug/L		74	54 - 110
Fluorene	20.0	15.0		ug/L		75	52 - 110
Hexachlorobenzene	20.0	10.9		ug/L		55	50 - 110
Hexachlorobutadiene	20.0	10.0		ug/L		50	33 - 110
Hexachlorocyclopentadiene	20.0	4.94	J	ug/L		25	10 - 110
Hexachloroethane	20.0	11.8		ug/L		59	35 - 110
Indeno[1,2,3-cd]pyrene	20.0	13.4		ug/L		67	50 - 110
Isophorone	20.0	14.8		ug/L		74	49 - 110
2-Methylnaphthalene	20.0	14.6		ug/L		73	45 - 110
2-Methylphenol	20.0	14.6		ug/L		73	42 - 110
3 & 4 Methylphenol	40.0	30.2		ug/L		76	44 - 110
Naphthalene	20.0	14.3		ug/L		71	44 - 110
2-Nitroaniline	20.0	17.3		ug/L		87	54 - 110
3-Nitroaniline	20.0	15.8		ug/L		79	53 - 110
4-Nitroaniline	20.0	16.9		ug/L		84	54 - 110
Nitrobenzene	20.0	12.5		ug/L		62	42 - 110
2-Nitrophenol	20.0	16.1		ug/L		80	40 - 110
4-Nitrophenol	20.0	18.6		ug/L		93	33 - 112
N-Nitrosodi-n-propylamine	20.0	15.5		ug/L		78	47 - 110
N-Nitrosodiphenylamine	20.0	14.2		ug/L		71	50 - 110
2,2'-oxybis[1-chloropropane]	20.0	12.4		ug/L		62	37 - 110
Pentachlorophenol	20.0	10.5		ug/L		52	18 - 110
Phenanthrene	20.0	14.0		ug/L		70	53 - 110
Phenol	20.0	14.9		ug/L		75	33 - 110
Pyrene	20.0	13.5		ug/L		68	52 - 110
1,2,4-Trichlorobenzene	20.0	10.4		ug/L		52	35 - 110
2,4,5-Trichlorophenol	20.0	14.3		ug/L		71	48 - 110
2,4,6-Trichlorophenol	20.0	15.2		ug/L		76	45 - 110

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*55*		*20 - 110*
2-Fluorophenol (Surr)	*73*		*10 - 110*

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

Lab Sample ID: LCS 240-73936/9-A
Matrix: Water
Analysis Batch: 74262

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73936

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5 (Surr)	64		21 - 110
Phenol-d5 (Surr)	75		21 - 110
Terphenyl-d14 (Surr)	59		24 - 110
2,4,6-Tribromophenol (Surr)	69		21 - 110

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

Lab Sample ID: MB 240-74345/16-A
Matrix: Solid
Analysis Batch: 74590

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 74345

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C20)	ND		17	9.3	mg/Kg		02/05/13 13:19	02/07/13 19:06	1
Oil Range Organics (C20-C34)	ND		17	9.3	mg/Kg		02/05/13 13:19	02/07/13 19:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Nonane	47		10 - 110	02/05/13 13:19	02/07/13 19:06	1

Lab Sample ID: LCS 240-74345/15-A
Matrix: Solid
Analysis Batch: 74590

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 74345

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel	83.3	61.0		mg/Kg		73	47 - 138

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Nonane	45		10 - 110

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

Lab Sample ID: MB 240-73948/9-A
Matrix: Water
Analysis Batch: 74358

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73948

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		0.50	0.17	ug/L		02/01/13 10:14	02/05/13 16:33	1
Aroclor 1221	ND		0.50	0.13	ug/L		02/01/13 10:14	02/05/13 16:33	1
Aroclor 1232	ND		0.50	0.16	ug/L		02/01/13 10:14	02/05/13 16:33	1
Aroclor 1242	ND		0.50	0.22	ug/L		02/01/13 10:14	02/05/13 16:33	1
Aroclor 1248	ND		0.50	0.10	ug/L		02/01/13 10:14	02/05/13 16:33	1
Aroclor 1254	ND		0.50	0.16	ug/L		02/01/13 10:14	02/05/13 16:33	1
Aroclor 1260	ND		0.50	0.17	ug/L		02/01/13 10:14	02/05/13 16:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	71		23 - 136	02/01/13 10:14	02/05/13 16:33	1
DCB Decachlorobiphenyl	66		10 - 130	02/01/13 10:14	02/05/13 16:33	1

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

Lab Sample ID: LCS 240-73948/10-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 74358 — **Prep Batch: 73948**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	5.00	4.07		ug/L		81	66 - 120
Aroclor 1260	5.00	4.21		ug/L		84	55 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*72*		*23 - 136*
DCB Decachlorobiphenyl	*72*		*10 - 130*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 240-73749/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 74091 — **Prep Batch: 73749**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	1.25	J	200	0.67	ug/L		01/31/13 07:35	02/01/13 14:49	1
Cadmium	ND		2.0	0.66	ug/L		01/31/13 07:35	02/01/13 14:49	1
Chromium	ND		5.0	2.2	ug/L		01/31/13 07:35	02/01/13 14:49	1
Silver	ND		5.0	2.2	ug/L		01/31/13 07:35	02/01/13 14:49	1
Arsenic	ND		10	3.2	ug/L		01/31/13 07:35	02/01/13 14:49	1
Lead	ND		3.0	1.9	ug/L		01/31/13 07:35	02/01/13 14:49	1
Selenium	ND		5.0	4.1	ug/L		01/31/13 07:35	02/01/13 14:49	1

Lab Sample ID: LCS 240-73749/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 74091 — **Prep Batch: 73749**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	2000	1930		ug/L		96	80 - 120
Cadmium	50.0	50.0		ug/L		100	80 - 120
Chromium	200	194		ug/L		97	80 - 120
Silver	50.0	50.3		ug/L		101	80 - 120
Arsenic	2000	1960		ug/L		98	80 - 120
Lead	500	475		ug/L		95	80 - 120
Selenium	2000	2020		ug/L		101	80 - 120

Lab Sample ID: 240-20457-1 MS — **Client Sample ID: MW-01**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 74091 — **Prep Batch: 73749**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	86	J B	2000	2100		ug/L		101	75 - 125
Cadmium	ND		50.0	52.3		ug/L		105	75 - 125
Chromium	ND		200	201		ug/L		101	75 - 125
Silver	ND		50.0	53.4		ug/L		107	75 - 125
Arsenic	ND		2000	2110		ug/L		105	75 - 125
Lead	ND		500	484		ug/L		97	75 - 125
Selenium	ND		2000	2120		ug/L		106	75 - 125

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

Lab Sample ID: 240-20457-1 MSD
Matrix: Water
Analysis Batch: 74091

Client Sample ID: MW-01
Prep Type: Total Recoverable
Prep Batch: 73749

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Barium	86	J B	2000	1970		ug/L		94	75 - 125	7	20
Cadmium	ND		50.0	48.7		ug/L		97	75 - 125	7	20
Chromium	ND		200	189		ug/L		95	75 - 125	6	20
Silver	ND		50.0	49.9		ug/L		100	75 - 125	7	20
Arsenic	ND		2000	1980		ug/L		99	75 - 125	6	20
Lead	ND		500	458		ug/L		92	75 - 125	6	20
Selenium	ND		2000	1980		ug/L		99	75 - 125	7	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-73896/1-A
Matrix: Water
Analysis Batch: 74356

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73896

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		02/01/13 15:15	02/05/13 11:31	1

Lab Sample ID: LCS 240-73896/2-A
Matrix: Water
Analysis Batch: 74356

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73896

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	5.00	4.97		ug/L		99	81 - 123

Lab Sample ID: 240-20457-2 MS
Matrix: Water
Analysis Batch: 74356

Client Sample ID: MW-02
Prep Type: Total/NA
Prep Batch: 73896

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		1.00	0.993		ug/L		99	69 - 134

Lab Sample ID: 240-20457-2 MSD
Matrix: Water
Analysis Batch: 74356

Client Sample ID: MW-02
Prep Type: Total/NA
Prep Batch: 73896

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		1.00	1.01		ug/L		101	69 - 134	2	20

QC Association Summary

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

GC/MS VOA

Prep Batch: 73730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-20457-10	IA03-B09(0-2)	Total/NA	Solid	5035	
LCS 240-73730/2-A	Lab Control Sample	Total/NA	Solid	5035	
MB 240-73730/1-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 74141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-20457-1	MW-01	Total/NA	Water	8260B	
240-20457-2	MW-02	Total/NA	Water	8260B	
240-20457-3	TB-01	Total/NA	Water	8260B	
240-20457-4	MW-03	Total/NA	Water	8260B	
240-20457-7	MW-04	Total/NA	Water	8260B	
240-20457-8	MW-05	Total/NA	Water	8260B	
240-20457-14	TB-02	Total/NA	Water	8260B	
LCS 240-74141/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-74141/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 74309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-20457-6	IA03-B07(10-12)	Total/NA	Solid	8260B	74332
240-20457-9	IA03-B08(0-2)	Total/NA	Solid	8260B	74332
240-20457-11	IA03-B08(17-18)	Total/NA	Solid	8260B	74332
240-20457-12	IA03-B09(10-12)	Total/NA	Solid	8260B	74332
240-20457-12 MS	IA03-B09(10-12)	Total/NA	Solid	8260B	74332
240-20457-12 MSD	IA03-B09(10-12)	Total/NA	Solid	8260B	74332
240-20457-13	DUP-01	Total/NA	Solid	8260B	74332
LCS 240-73730/2-A	Lab Control Sample	Total/NA	Solid	8260B	73730
LCS 240-74309/5	Lab Control Sample	Total/NA	Solid	8260B	
MB 240-73730/1-A	Method Blank	Total/NA	Solid	8260B	73730
MB 240-74309/12	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 74332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-20457-5	IA03-B07(0-2)	Total/NA	Solid	5035	
240-20457-6	IA03-B07(10-12)	Total/NA	Solid	5035	
240-20457-9	IA03-B08(0-2)	Total/NA	Solid	5035	
240-20457-11	IA03-B08(17-18)	Total/NA	Solid	5035	
240-20457-12	IA03-B09(10-12)	Total/NA	Solid	5035	
240-20457-12 MS	IA03-B09(10-12)	Total/NA	Solid	5035	
240-20457-12 MSD	IA03-B09(10-12)	Total/NA	Solid	5035	
240-20457-13	DUP-01	Total/NA	Solid	5035	

Analysis Batch: 74468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-20457-10	IA03-B09(0-2)	Total/NA	Solid	8260B	73730

Analysis Batch: 74675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-20457-5	IA03-B07(0-2)	Total/NA	Solid	8260B	74332
LCS 240-74675/6	Lab Control Sample	Total/NA	Solid	8260B	
MB 240-74675/7	Method Blank	Total/NA	Solid	8260B	

QC Association Summary

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

GC/MS Semi VOA

Prep Batch: 73936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-20457-1	MW-01	Total/NA	Water	3520C	
240-20457-2	MW-02	Total/NA	Water	3520C	
240-20457-4	MW-03	Total/NA	Water	3520C	
240-20457-7	MW-04	Total/NA	Water	3520C	
240-20457-8	MW-05	Total/NA	Water	3520C	
LCS 240-73936/9-A	Lab Control Sample	Total/NA	Water	3520C	
MB 240-73936/8-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 74262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-20457-1	MW-01	Total/NA	Water	8270C	73936
240-20457-2	MW-02	Total/NA	Water	8270C	73936
240-20457-4	MW-03	Total/NA	Water	8270C	73936
240-20457-7	MW-04	Total/NA	Water	8270C	73936
240-20457-8	MW-05	Total/NA	Water	8270C	73936
LCS 240-73936/9-A	Lab Control Sample	Total/NA	Water	8270C	73936
MB 240-73936/8-A	Method Blank	Total/NA	Water	8270C	73936

GC Semi VOA

Prep Batch: 73948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-20457-1	MW-01	Total/NA	Water	3520C	
240-20457-2	MW-02	Total/NA	Water	3520C	
240-20457-4	MW-03	Total/NA	Water	3520C	
240-20457-7	MW-04	Total/NA	Water	3520C	
240-20457-8	MW-05	Total/NA	Water	3520C	
LCS 240-73948/10-A	Lab Control Sample	Total/NA	Water	3520C	
MB 240-73948/9-A	Method Blank	Total/NA	Water	3520C	

Prep Batch: 74345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-20457-5	IA03-B07(0-2)	Total/NA	Solid	3540C	
240-20457-6	IA03-B07(10-12)	Total/NA	Solid	3540C	
240-20457-9	IA03-B08(0-2)	Total/NA	Solid	3540C	
240-20457-11	IA03-B08(17-18)	Total/NA	Solid	3540C	
LCS 240-74345/15-A	Lab Control Sample	Total/NA	Solid	3540C	
MB 240-74345/16-A	Method Blank	Total/NA	Solid	3540C	

Analysis Batch: 74358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-20457-1	MW-01	Total/NA	Water	8082	73948
240-20457-2	MW-02	Total/NA	Water	8082	73948
240-20457-4	MW-03	Total/NA	Water	8082	73948
240-20457-7	MW-04	Total/NA	Water	8082	73948
240-20457-8	MW-05	Total/NA	Water	8082	73948
LCS 240-73948/10-A	Lab Control Sample	Total/NA	Water	8082	73948
MB 240-73948/9-A	Method Blank	Total/NA	Water	8082	73948

GC Semi VOA (Continued)

Analysis Batch: 74590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-20457-6	IA03-B07(10-12)	Total/NA	Solid	8015B	74345
LCS 240-74345/15-A	Lab Control Sample	Total/NA	Solid	8015B	74345
MB 240-74345/16-A	Method Blank	Total/NA	Solid	8015B	74345

Analysis Batch: 74734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-20457-5	IA03-B07(0-2)	Total/NA	Solid	8015B	74345
240-20457-9	IA03-B08(0-2)	Total/NA	Solid	8015B	74345
240-20457-11	IA03-B08(17-18)	Total/NA	Solid	8015B	74345

Metals

Prep Batch: 73749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-20457-1	MW-01	Total Recoverable	Water	3005A	
240-20457-1 MS	MW-01	Total Recoverable	Water	3005A	
240-20457-1 MSD	MW-01	Total Recoverable	Water	3005A	
240-20457-2	MW-02	Total Recoverable	Water	3005A	
240-20457-4	MW-03	Total Recoverable	Water	3005A	
240-20457-7	MW-04	Total Recoverable	Water	3005A	
240-20457-8	MW-05	Total Recoverable	Water	3005A	
LCS 240-73749/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-73749/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 73896

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-20457-1	MW-01	Total/NA	Water	7470A	
240-20457-2	MW-02	Total/NA	Water	7470A	
240-20457-2 MS	MW-02	Total/NA	Water	7470A	
240-20457-2 MSD	MW-02	Total/NA	Water	7470A	
240-20457-4	MW-03	Total/NA	Water	7470A	
240-20457-7	MW-04	Total/NA	Water	7470A	
240-20457-8	MW-05	Total/NA	Water	7470A	
LCS 240-73896/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 240-73896/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 74091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-20457-1	MW-01	Total Recoverable	Water	6010B	73749
240-20457-1 MS	MW-01	Total Recoverable	Water	6010B	73749
240-20457-1 MSD	MW-01	Total Recoverable	Water	6010B	73749
240-20457-2	MW-02	Total Recoverable	Water	6010B	73749
240-20457-4	MW-03	Total Recoverable	Water	6010B	73749
240-20457-7	MW-04	Total Recoverable	Water	6010B	73749
240-20457-8	MW-05	Total Recoverable	Water	6010B	73749
LCS 240-73749/2-A	Lab Control Sample	Total Recoverable	Water	6010B	73749
MB 240-73749/1-A	Method Blank	Total Recoverable	Water	6010B	73749

Metals (Continued)

Analysis Batch: 74356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-20457-1	MW-01	Total/NA	Water	7470A	73896
240-20457-2	MW-02	Total/NA	Water	7470A	73896
240-20457-2 MS	MW-02	Total/NA	Water	7470A	73896
240-20457-2 MSD	MW-02	Total/NA	Water	7470A	73896
240-20457-4	MW-03	Total/NA	Water	7470A	73896
240-20457-7	MW-04	Total/NA	Water	7470A	73896
240-20457-8	MW-05	Total/NA	Water	7470A	73896
LCS 240-73896/2-A	Lab Control Sample	Total/NA	Water	7470A	73896
MB 240-73896/1-A	Method Blank	Total/NA	Water	7470A	73896

General Chemistry

Analysis Batch: 73804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-20457-5	IA03-B07(0-2)	Total/NA	Solid	Moisture	
240-20457-6	IA03-B07(10-12)	Total/NA	Solid	Moisture	
240-20457-9	IA03-B08(0-2)	Total/NA	Solid	Moisture	
240-20457-10	IA03-B09(0-2)	Total/NA	Solid	Moisture	
240-20457-11	IA03-B08(17-18)	Total/NA	Solid	Moisture	
240-20457-12	IA03-B09(10-12)	Total/NA	Solid	Moisture	
240-20457-12 DU	IA03-B09(10-12)	Total/NA	Solid	Moisture	
240-20457-13	DUP-01	Total/NA	Solid	Moisture	

Lab Chronicle

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

Client Sample ID: MW-01

Lab Sample ID: 240-20457-1

Date Collected: 01/28/13 12:40
Date Received: 01/30/13 08:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	74141	02/04/13 18:14	LE	TAL NC
Total/NA	Prep	3520C			73936	02/01/13 10:00	CC	TAL NC
Total/NA	Analysis	8270C		1	74262	02/05/13 13:08	TH	TAL NC
Total/NA	Prep	3520C			73948	02/01/13 10:14	CC	TAL NC
Total/NA	Analysis	8082		1	74358	02/05/13 14:33	LH	TAL NC
Total Recoverable	Prep	3005A			73749	01/31/13 07:35	LM	TAL NC
Total Recoverable	Analysis	6010B		1	74091	02/01/13 14:57	SG	TAL NC
Total/NA	Prep	7470A			73896	02/01/13 15:15	LM	TAL NC
Total/NA	Analysis	7470A		1	74356	02/05/13 11:52	DH	TAL NC

Client Sample ID: MW-02

Lab Sample ID: 240-20457-2

Date Collected: 01/28/13 16:35
Date Received: 01/30/13 08:00

Matrix: Water

12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	74141	02/04/13 18:36	LE	TAL NC
Total/NA	Prep	3520C			73936	02/01/13 10:00	CC	TAL NC
Total/NA	Analysis	8270C		1	74262	02/05/13 13:30	TH	TAL NC
Total/NA	Prep	3520C			73948	02/01/13 10:14	CC	TAL NC
Total/NA	Analysis	8082		1	74358	02/05/13 14:48	LH	TAL NC
Total Recoverable	Prep	3005A			73749	01/31/13 07:35	LM	TAL NC
Total Recoverable	Analysis	6010B		1	74091	02/01/13 15:21	SG	TAL NC
Total/NA	Prep	7470A			73896	02/01/13 15:15	LM	TAL NC
Total/NA	Analysis	7470A		1	74356	02/05/13 11:35	DH	TAL NC

Client Sample ID: TB-01

Lab Sample ID: 240-20457-3

Date Collected: 01/28/13 00:00
Date Received: 01/30/13 08:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	74141	02/04/13 18:58	LE	TAL NC

Client Sample ID: MW-03

Lab Sample ID: 240-20457-4

Date Collected: 01/29/13 12:10
Date Received: 01/30/13 08:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	74141	02/04/13 19:20	LE	TAL NC
Total/NA	Prep	3520C			73936	02/01/13 10:00	CC	TAL NC
Total/NA	Analysis	8270C		1	74262	02/05/13 13:52	TH	TAL NC
Total/NA	Prep	3520C			73948	02/01/13 10:14	CC	TAL NC
Total/NA	Analysis	8082		1	74358	02/05/13 15:03	LH	TAL NC

Lab Chronicle

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

Client Sample ID: MW-03

Lab Sample ID: 240-20457-4
Matrix: Water

Date Collected: 01/29/13 12:10
Date Received: 01/30/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			73749	01/31/13 07:35	LM	TAL NC
Total Recoverable	Analysis	6010B		1	74091	02/01/13 15:25	SG	TAL NC
Total/NA	Prep	7470A			73896	02/01/13 15:15	LM	TAL NC
Total/NA	Analysis	7470A		1	74356	02/05/13 11:39	DH	TAL NC

Client Sample ID: IA03-B07(0-2)

Lab Sample ID: 240-20457-5
Matrix: Solid
Percent Solids: 96.3

Date Collected: 01/29/13 13:25
Date Received: 01/30/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			74332	01/30/13 13:45	LM	TAL NC
Total/NA	Analysis	8260B		1	74675	02/08/13 10:34	TL	TAL NC
Total/NA	Prep	3540C			74345	02/05/13 13:19	CC	TAL NC
Total/NA	Analysis	8015B		50	74734	02/08/13 17:22	DB	TAL NC
Total/NA	Analysis	Moisture		1	73804	01/31/13 11:04	JK	TAL NC

Client Sample ID: IA03-B07(10-12)

Lab Sample ID: 240-20457-6
Matrix: Solid
Percent Solids: 95.0

Date Collected: 01/29/13 13:45
Date Received: 01/30/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			74332	01/30/13 13:45	LM	TAL NC
Total/NA	Analysis	8260B		1	74309	02/05/13 21:01	SM	TAL NC
Total/NA	Prep	3540C			74345	02/05/13 13:19	CC	TAL NC
Total/NA	Analysis	8015B		1	74590	02/07/13 21:36	DB	TAL NC
Total/NA	Analysis	Moisture		1	73804	01/31/13 11:04	JK	TAL NC

Client Sample ID: MW-04

Lab Sample ID: 240-20457-7
Matrix: Water

Date Collected: 01/29/13 12:10
Date Received: 01/30/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	74141	02/04/13 19:43	LE	TAL NC
Total/NA	Prep	3520C			73936	02/01/13 10:00	CC	TAL NC
Total/NA	Analysis	8270C		1	74262	02/05/13 14:14	TH	TAL NC
Total/NA	Prep	3520C			73948	02/01/13 10:14	CC	TAL NC
Total/NA	Analysis	8082		1	74358	02/05/13 15:18	LH	TAL NC
Total Recoverable	Prep	3005A			73749	01/31/13 07:35	LM	TAL NC
Total Recoverable	Analysis	6010B		1	74091	02/01/13 15:29	SG	TAL NC
Total/NA	Prep	7470A			73896	02/01/13 15:15	LM	TAL NC
Total/NA	Analysis	7470A		1	74356	02/05/13 11:43	DH	TAL NC

Lab Chronicle

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

Client Sample ID: MW-05

Lab Sample ID: 240-20457-8

Date Collected: 01/29/13 15:15
Date Received: 01/30/13 08:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	74141	02/04/13 20:05	LE	TAL NC
Total/NA	Prep	3520C			73936	02/01/13 10:00	CC	TAL NC
Total/NA	Analysis	8270C		1	74262	02/05/13 14:36	TH	TAL NC
Total/NA	Prep	3520C			73948	02/01/13 10:14	CC	TAL NC
Total/NA	Analysis	8082		1	74358	02/05/13 15:33	LH	TAL NC
Total Recoverable	Prep	3005A			73749	01/31/13 07:35	LM	TAL NC
Total Recoverable	Analysis	6010B		1	74091	02/01/13 15:33	SG	TAL NC
Total/NA	Prep	7470A			73896	02/01/13 15:15	LM	TAL NC
Total/NA	Analysis	7470A		1	74356	02/05/13 11:46	DH	TAL NC

Client Sample ID: IA03-B08(0-2)

Lab Sample ID: 240-20457-9

Date Collected: 01/29/13 14:20
Date Received: 01/30/13 08:00

Matrix: Solid
Percent Solids: 96.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			74332	01/30/13 13:45	LM	TAL NC
Total/NA	Analysis	8260B		1	74309	02/05/13 21:23	SM	TAL NC
Total/NA	Prep	3540C			74345	02/05/13 13:19	CC	TAL NC
Total/NA	Analysis	8015B		20	74734	02/08/13 17:52	DB	TAL NC
Total/NA	Analysis	Moisture		1	73804	01/31/13 11:04	JK	TAL NC

Client Sample ID: IA03-B09(0-2)

Lab Sample ID: 240-20457-10

Date Collected: 01/29/13 15:15
Date Received: 01/30/13 08:00

Matrix: Solid
Percent Solids: 78.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			73730	01/31/13 02:26	TL	TAL NC
Total/NA	Analysis	8260B		1	74468	02/06/13 22:06	SM	TAL NC
Total/NA	Analysis	Moisture		1	73804	01/31/13 11:04	JK	TAL NC

Client Sample ID: IA03-B08(17-18)

Lab Sample ID: 240-20457-11

Date Collected: 01/29/13 14:45
Date Received: 01/30/13 08:00

Matrix: Solid
Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			74332	01/30/13 13:45	LM	TAL NC
Total/NA	Analysis	8260B		1	74309	02/05/13 22:06	SM	TAL NC
Total/NA	Prep	3540C			74345	02/05/13 13:19	CC	TAL NC
Total/NA	Analysis	8015B		20	74734	02/08/13 18:23	DB	TAL NC
Total/NA	Analysis	Moisture		1	73804	01/31/13 11:04	JK	TAL NC

Lab Chronicle

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

Client Sample ID: IA03-B09(10-12)

Lab Sample ID: 240-20457-12

Date Collected: 01/29/13 15:30
Date Received: 01/30/13 08:00

Matrix: Solid
Percent Solids: 84.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			74332	01/30/13 13:45	LM	TAL NC
Total/NA	Analysis	8260B		1	74309	02/05/13 19:57	SM	TAL NC
Total/NA	Analysis	Moisture		1	73804	01/31/13 11:18	JK	TAL NC

Client Sample ID: DUP-01

Lab Sample ID: 240-20457-13

Date Collected: 01/29/13 00:00
Date Received: 01/30/13 08:00

Matrix: Solid
Percent Solids: 92.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			74332	01/30/13 13:45	LM	TAL NC
Total/NA	Analysis	8260B		1	74309	02/05/13 21:44	SM	TAL NC
Total/NA	Analysis	Moisture		1	73804	01/31/13 11:18	JK	TAL NC

Client Sample ID: TB-02

Lab Sample ID: 240-20457-14

Date Collected: 01/29/13 00:00
Date Received: 01/30/13 08:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	74141	02/04/13 20:27	LE	TAL NC

Laboratory References:

TAL NC = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20457-1

Laboratory: TestAmerica Canton

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

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-13
Connecticut	State Program	1	PH-0590	12-31-13
Florida	NELAP	4	E87225	06-30-13
Georgia	State Program	4	N/A	06-30-13
Illinois	NELAP	5	200004	07-31-13
Kansas	NELAP	7	E-10336	01-31-14
Kentucky	State Program	4	58	06-30-13
L-A-B	DoD ELAP		L2315	07-28-13
Nevada	State Program	9	OH-000482008A	07-31-13
New Jersey	NELAP	2	OH001	06-30-13
New York	NELAP	2	10975	04-01-13
Ohio VAP	State Program	5	CL0024	01-19-14
Pennsylvania	NELAP	3	68-00340	08-31-13
Texas	NELAP	6		08-03-13
USDA	Federal		P330-11-00328	08-26-14
Virginia	NELAP	3	460175	09-14-13
Wisconsin	State Program	5	999518190	08-31-13

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Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: North Canton

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other OH, VAP

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: TRC Environmental Corp	Client Project Manager: Kathleen Teuscher	Site Contact: Mike Bitto	Lab Contact: Patrick O'Meara
Address: 1382 W. 9th St, Suite 200	Telephone: 216-344-3072	Telephone: 330-416-4809	Telephone: 330-497-9396
City/State/Zip: Cleveland, OH 44113	Email: Kteuscher@trcsolutions.com		
Phone: 216-344-3072			
Project Name: CDF	Method of Shipment/Carrier: Drop off		
Project Number: 196663.0000.0000	Shipping/Tracking No:		
PO# 49929			

COC No: 55843

1 of 2 COCs

Analysis Turnaround Time: CALENDAR DAYS — TAT if different from below: Standard; ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day

For lab use only: Walk-in client: ☐ Lab pickup: ☐ Lab sampling: ☐ Job/SDG No:

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other: Soil	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other: MeOH	Filtered Sample (Y/N)	Composite (C) / Grab (G)	VOC	SVOC	PCB	RCRA Metals	TPH-DRO						Sample Specific Notes / Special Instructions:
MW-01	1/28/13	1240		X					1	3			4		N	G	X	X	X	X							Total Metals
MW-02	↓	1635		X					1	3			4		N	G	X	X	X	X							Total Metals
TB-01	↓	—		X						2					\	\	X										
MW-03	1/29/13	1210		X					1	3			4		N	G	X	X	X	X							Total Metals
IA03-B07(0-2)		1325					X						3	1	N	G	X				X						
IA03-B07(10-12)		1345					X						3	1	N	G	X				X						
MW-04		1210		X											N	G	X	X	X	X							Total Metals
MW-05		1515		X											N	G	X	X	X	X							Total Metals
IA03-B08(0-2)		1420					X						3	1	N	G	X				X						
IA03-B09(0-2)	↓	1515					X						2	1	N	G	X										

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

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

Special Instructions/QC Requirements & Comments:

Ohio VAP

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	TRC	1/29/13 1717	[signature]	TRC	1/29/13 1722
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
			[signature]	TA	1-30-13 0800

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TAL 0018- 1 (04/10)

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location:
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other Ohio VAP

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: TRC Environmental Corp	Client Project Manager: Kathleen Teuscher	Site Contact: Mike Bitto	Lab Contact: Patrick O'Meara	COC No: 55838
Address: 1382 W. 9th St Suite200	Telephone: 216-344-3072	Telephone: 330-416-4809	Telephone: 330-497-9396	2 of 2 COCs
City/State/Zip: Cleveland, OH 44113	Email: kteuscher@trcsolutions.com	Analysis Turnaround Time (in WORKING days)	Analyses	For lab use only
Phone: 216-344-3072		TAT if different from below ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Walk-in client ☐ Lab pickup ☐ Lab sampling ☐
Project Name: CDF	Method of Shipment/Carrier: Drop-off			
Project Number: 196663.0000.0000	Shipping/Tracking No:			Job/SDG No:
PO# 49929				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other: Soil	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	Zn/Ac/NaOH	Unpres	Other: MeOH	Filtered Sample (Y/N)	Composite C/G (grab G)	VOC	Sample Specific Notes / Special Instructions:
IA03-B08(17-18)	1/29/13	1445					X						2	1	N	G	X	
IA03-B09(10-12)	1/29/13	1530					X						6	3	N	G	X	MS/MSD
DUP-01	1/29/13	—					X						2	1	N	G	X	
TB-02	1/29/13	—		X						2					N	G	X	

1/29/13

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

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

Special Instructions/QC Requirements & Comments:
Ohio VAP

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	TRC	1/29/13 1717		TRC	1/29/13 1722
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
				TA	1/30/13 0800

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TAL 0018- 1 (04/10)

TestAmerica Canton Sample Receipt Form/Narrative Login # : 20457

Client TRC Environmental Corp. Site Name _____ By [signature]

Cooler Received on 1-30-13 Opened on 1-30-13 (Signature)

FedEx: 1st Grd Exp UPS FAS Stetson (Client Drop Off) TestAmerica Courier Other _____

TestAmerica Cooler # _____ Foam Box (Client Cooler) Box Other _____

Packing material used: (Bubble Wrap) (Foam) (Plastic Bag) None Other _____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# 1 (CF -2 °C) Observed Sample Temp._____°C Corrected Sample Temp._____°C

IR GUN# 4G (CF 0 °C) Observed Sample Temp._____°C Corrected Sample Temp._____°C ☑ Multiple on Back

IR GUN# 5G (CF 0 °C) Observed Sample Temp._____°C Corrected Sample Temp._____°C

IR GUN# 8 (CF 0 °C) Observed Sample Temp._____°C Corrected Sample Temp._____°C

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1 (Yes) No
   - Were custody seals on the outside of the cooler(s) signed & dated? (Yes) No NA
   - Were custody seals on the bottle(s)? Yes (No)
3. Shippers' packing slip attached to the cooler(s)? (Yes) No
4. Did custody papers accompany the sample(s)? (Yes) No
5. Were the custody papers relinquished & signed in the appropriate place? (Yes) No
6. Did all bottles arrive in good condition (Unbroken)? (Yes) No
7. Could all bottle labels be reconciled with the COC? (Yes) No
8. Were correct bottle(s) used for the test(s) indicated? (Yes) No
9. Sufficient quantity received to perform indicated analyses? (Yes) No
10. Were sample(s) at the correct pH upon receipt? (Yes) No NA
11. Were VOAs on the COC? (Yes) No
12. Were air bubbles >6 mm in any VOA vials? Yes (No) NA
13. Was a trip blank present in the cooler(s)? (Yes) No

Contacted PM PJO Date #14 by 1-30-13 via (Verbal) Voice Mail Other

Concerning

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Recd 1x100 DRO for IA03-B08(17-18)@1445 not marked on COC will log

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). Nitric Acid Lot# 031512-HNO3; Sulfuric Acid Lot# 051012-H2SO4; Sodium Hydroxide Lot# 121809 -NaOH; Hydrochloric Acid Lot# 041911-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-(CH3COO)2ZN/NaOH. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials
MW01	<2	1-30-13	DDG
2	<2		
3	<2		
4	<2		
5	<2		

Cooler #	Observed Sample Temp. °C	Corrected Sample Temp. °C	IR #	Coolant
Client Cooler	2.0	2.0	4G	ICe
" "	1.8	1.8		
	2.6	2.6		
	1.4	1.4		

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