TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

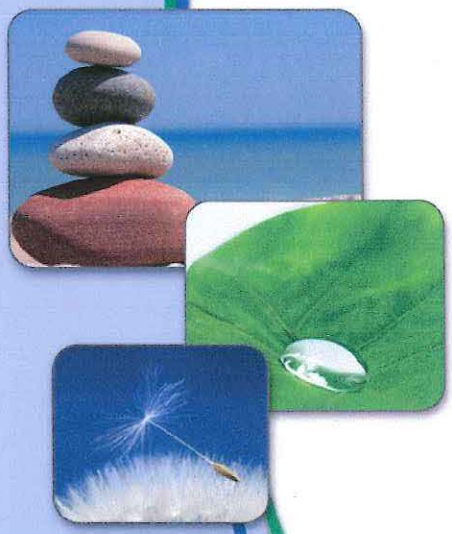
TestAmerica Job ID: 240-16595-1
Client Project/Site: Canton Drop Forge

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

Attn: Kathleen Teuscher

Authorized for release by:
10/30/2012 6:14:33 PM

Jeffrey Smith
Project Manager II
jeff.smith@testamericainc.com



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

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Definitions/Glossary

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

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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.
*	LCS or LCSD exceeds the control limits
F	MS or MSD exceeds the control limits

GC/MS Semi VOA

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.
F	MS or MSD exceeds the control limits

Metals

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.

General Chemistry

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.

Glossary

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

Job ID: 240-16595-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: TRC Environmental Corp-Payne Firm

Project: Canton Drop Forge

Report Number: 240-16595-1

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 North 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 10/18/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 3.4, 4.6, 5.2 and 5.6 C.

TCLP VOLATILE ORGANIC COMPOUNDS (GC-MS)

Sample IDW-01 (240-16595-7) was analyzed for TCLP volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 1311/8260B. The samples were leached on 10/23/2012 and analyzed on 10/27/2012.

Carbon tetrachloride failed the recovery criteria high for the MS/MSD of sample IDW-01MS/MSD (240-16595-7) in batch 240-62977.

The laboratory control sample (LCS) for batch 62482 exceeded control limits for the following analytes: carbon tetrachloride. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

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

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples IA08-MW07 (240-16595-1), IA08-MW06 (240-16595-2), IA08-MW08 (240-16595-3), RIN-04 (240-16595-4), DUP-04

Job ID: 240-16595-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

(240-16595-5) and TB-13/101812 (240-16595-6) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 10/25/2012 and 10/28/2012.

Methylene Chloride was detected in method blank MB 240-62739/5 at a level exceeding the reporting limit. 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 240-63031/5 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. Refer to the QC report for details.

Methylene Chloride failed the recovery criteria high for LCS 240-62739/4.

The laboratory control sample (LCS) for batch 62739 exceeded control limits for Methylene Chloride. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

The method blank for preparation batch 62739 contained Methylene Chloride above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

No MS/MSD for batch 62739 is included due to instrument failure.

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

TCLP SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Sample IDW-01 (240-16595-7) was analyzed for TCLP semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 1311/8270C. The samples were leached on 10/23/2012, prepared on 10/24/2012 and analyzed on 10/30/2012.

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.

The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: (240-16451-1 MS), (240-16451-1 MSD), IDW-01 (240-16595-7), SOIL (RESALE TANK) (240-16451-1). Lot # S65830

The opening continuing calibration verification (CCV) associated with these samples passed average. The samples were ND, therefore no corrective action is required. (240-16451-1 MS), (240-16451-1 MSD), IDW-01 (240-16595-7), SOIL (RESALE TANK) (240-16451-1)

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

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples IA08-MW07 (240-16595-1), IA08-MW06 (240-16595-2), IA08-MW08 (240-16595-3), RIN-04 (240-16595-4) and DUP-04 (240-16595-5) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 10/25/2012 and analyzed on 10/29/2012.

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.

Bis(2-ethylhexyl) phthalate was detected in method blank MB 240-62729/23-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. Refer to the QC report for details.

3,3'-Dichlorobenzidine failed the recovery criteria low for the MS/MSD of sample IA08-MW07MS/MSD (240-16595-1) in batch 240-63043.

The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: (240-16451-1 MS), (240-16451-1 MSD), IDW-01 (240-16595-7), SOIL (RESALE TANK) (240-16451-1). Lot # S65830

Job ID: 240-16595-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

The opening continuing calibration verification (CCV) associated with these samples passed average. The samples were ND, therefore no corrective action is required. (240-16451-1 MS), (240-16451-1 MSD), IDW-01 (240-16595-7), SOIL (RESALE TANK) (240-16451-1)

Two surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample(s) contained an allowable number of surrogate compounds outside limits: SOIL (RESALE TANK) (240-16451-1). These results have been reported and qualified.

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

POLYCHLORINATED BIPHENYLS (PCBS)

Sample IDW-01 (240-16595-7) was analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 10/23/2012 and analyzed on 10/25/2012.

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.

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

POLYCHLORINATED BIPHENYLS (PCBS)

Samples IA08-MW07 (240-16595-1), IA08-MW06 (240-16595-2), IA08-MW08 (240-16595-3), RIN-04 (240-16595-4) and DUP-04 (240-16595-5) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 10/24/2012 and analyzed on 10/25/2012.

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

TCLP METALS (ICP)

Sample IDW-01 (240-16595-7) was analyzed for TCLP metals (ICP) in accordance with EPA SW-846 Methods 1311/ 6010B. The samples were leached on 10/23/2012, prepared on 10/24/2012 and analyzed on 10/25/2012.

Barium and Lead were detected in method blank LB 240-62474/1-B 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.

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

DISSOLVED METALS (ICP)

Samples IA08-MW07 (240-16595-1), IA08-MW06 (240-16595-2), IA08-MW08 (240-16595-3), RIN-04 (240-16595-4) and DUP-04 (240-16595-5) were analyzed for dissolved metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were prepared on 10/23/2012 and analyzed on 10/24/2012 and 10/25/2012.

Barium was detected in method blank MB 240-62365/1-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.

Barium was detected in method blank MB 240-62370/1-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.

Barium was detected in method blank MB 240-62375/1-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. Refer to the QC report for details.

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

TCLP MERCURY

Job ID: 240-16595-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

Sample IDW-01 (240-16595-7) was analyzed for TCLP mercury in accordance with EPA SW-846 Methods 1311/7470A. The samples were leached on 10/23/2012, prepared on 10/24/2012 and analyzed on 10/25/2012.

Mercury failed the recovery criteria low for the MSD of sample 240-16520-1 in batch 240-62905. Mercury exceeded the rpd limit.

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

DISSOLVED MERCURY (CVAA)

Samples IA08-MW07 (240-16595-1), IA08-MW06 (240-16595-2), IA08-MW08 (240-16595-3), RIN-04 (240-16595-4) and DUP-04 (240-16595-5) were analyzed for dissolved mercury (CVAA) in accordance with EPA SW-846 Methods 7470A. The samples were prepared on 10/22/2012 and analyzed on 10/23/2012.

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

FLASHPOINT

Sample IDW-01 (240-16595-7) was analyzed for flashpoint in accordance with EPA SW-846 Method 1010. The samples were analyzed on 10/26/2012.

No difficulties were encountered during the flashpoint analysis. All quality control parameters were within the acceptance limits.

TOTAL CYANIDE

Sample IDW-01 (240-16595-7) was analyzed for total and amenable cyanide in accordance with EPA SW-846 Method 9012A. The samples were prepared and analyzed on 10/24/2012.

No difficulties were encountered during the cyanide analysis. All quality control parameters were within the acceptance limits.

SULFIDE

Sample IDW-01 (240-16595-7) was analyzed for sulfide in accordance with EPA SW-846 Method 9034. The samples were prepared and analyzed on 10/24/2012.

No difficulties were encountered during the sulfide analysis. All quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Sample IDW-01 (240-16595-7) was analyzed for percent solids in accordance with EPA Method 160.3 MOD. The samples were analyzed on 10/22/2012.

No difficulties were encountered during the % solids analysis. 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: 240-16595-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NC
8270C	Semivolatile Organic Compounds (GC/MS)	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
1010	Ignitability, Pensky-Martens Closed-Cup Method	SW846	TAL NC
9012A	Cyanide, Total and/or Amenable	SW846	TAL NC
9034	Sulfide, Acid soluble and Insoluble (Titrimetric)	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: 240-16595-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-16595-1	IA08-MW07	Water	10/18/12 10:55	10/18/12 17:30
240-16595-2	IA08-MW06	Water	10/18/12 13:50	10/18/12 17:30
240-16595-3	IA08-MW08	Water	10/18/12 15:35	10/18/12 17:30
240-16595-4	RIN-04	WQ	10/18/12 11:55	10/18/12 17:30
240-16595-5	DUP-04	Water	10/18/12 00:00	10/18/12 17:30
240-16595-6	TB-13/101812	WQ	10/18/12 00:00	10/18/12 17:30
240-16595-7	IDW-01	Solid	10/18/12 16:00	10/18/12 17:30

Detection Summary

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

TestAmerica Job ID: 240-16595-1

Client Sample ID: IA08-MW07 — Lab Sample ID: 240-16595-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bromodichloromethane	0.72	J	1.0	0.15	ug/L	1		8260B	Total/NA
Chloroform	0.73	J	1.0	0.16	ug/L	1		8260B	Total/NA
Dibromochloromethane	0.80	J	1.0	0.18	ug/L	1		8260B	Total/NA
Trichloroethene	0.29	J	1.0	0.17	ug/L	1		8260B	Total/NA
Bis(2-ethylhexyl) phthalate	1.8	J B	2.0	0.79	ug/L	1		8270C	Total/NA
Arsenic	5.0	J	10	3.2	ug/L	1		6010B	Dissolved
Barium	87	J B	200	0.67	ug/L	1		6010B	Dissolved
Chromium	6.5		5.0	2.2	ug/L	1		6010B	Dissolved
Lead	4.0		3.0	1.9	ug/L	1		6010B	Dissolved

Client Sample ID: IA08-MW06 — Lab Sample ID: 240-16595-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.3	J	10	1.1	ug/L	1		8260B	Total/NA
Benzene	0.23	J	1.0	0.13	ug/L	1		8260B	Total/NA
2-Butanone (MEK)	0.83	J	10	0.57	ug/L	1		8260B	Total/NA
Carbon disulfide	1.0		1.0	0.13	ug/L	1		8260B	Total/NA
Chloroform	0.65	J	1.0	0.16	ug/L	1		8260B	Total/NA
Toluene	0.36	J	1.0	0.13	ug/L	1		8260B	Total/NA
Bis(2-ethylhexyl) phthalate	0.99	J B	2.0	0.78	ug/L	1		8270C	Total/NA
Arsenic	140		10	3.2	ug/L	1		6010B	Dissolved
Barium	500	B	200	0.67	ug/L	1		6010B	Dissolved
Chromium	33		5.0	2.2	ug/L	1		6010B	Dissolved
Lead	21		3.0	1.9	ug/L	1		6010B	Dissolved

Client Sample ID: IA08-MW08 — Lab Sample ID: 240-16595-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bromodichloromethane	1.3		1.0	0.15	ug/L	1		8260B	Total/NA
Carbon disulfide	0.13	J	1.0	0.13	ug/L	1		8260B	Total/NA
Chloroform	1.2		1.0	0.16	ug/L	1		8260B	Total/NA
Dibromochloromethane	1.4		1.0	0.18	ug/L	1		8260B	Total/NA
Trichloroethene	0.31	J	1.0	0.17	ug/L	1		8260B	Total/NA
Bis(2-ethylhexyl) phthalate	1.4	J B	2.0	0.82	ug/L	1		8270C	Total/NA
Arsenic	9.1	J	10	3.2	ug/L	1		6010B	Dissolved
Barium	49	J B	200	0.67	ug/L	1		6010B	Dissolved
Chromium	18		5.0	2.2	ug/L	1		6010B	Dissolved
Lead	2.5	J	3.0	1.9	ug/L	1		6010B	Dissolved

Client Sample ID: RIN-04 — Lab Sample ID: 240-16595-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.51	J	1.0	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: DUP-04 — Lab Sample ID: 240-16595-5

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
Bromodichloromethane	0.77	J	1.0	0.15	ug/L	1		8260B	Total/NA
Carbon disulfide	0.18	J	1.0	0.13	ug/L	1		8260B	Total/NA
Chloroform	0.78	J	1.0	0.16	ug/L	1		8260B	Total/NA
Dibromochloromethane	0.80	J	1.0	0.18	ug/L	1		8260B	Total/NA
Toluene	0.14	J	1.0	0.13	ug/L	1		8260B	Total/NA

Detection Summary

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

TestAmerica Job ID: 240-16595-1

Client Sample ID: DUP-04 (Continued) — Lab Sample ID: 240-16595-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.28	J	1.0	0.17	ug/L	1		8260B	Total/NA
Bis(2-ethylhexyl) phthalate	1.5	J B	2.0	0.80	ug/L	1		8270C	Total/NA
Phenol	1.9		1.0	0.60	ug/L	1		8270C	Total/NA
Arsenic	3.2	J	10	3.2	ug/L	1		6010B	Dissolved
Barium	93	J B	200	0.67	ug/L	1		6010B	Dissolved
Chromium	6.6		5.0	2.2	ug/L	1		6010B	Dissolved
Lead	1.9	J	3.0	1.9	ug/L	1		6010B	Dissolved

Client Sample ID: TB-13/101812 — Lab Sample ID: 240-16595-6

No Detections

Client Sample ID: IDW-01 — Lab Sample ID: 240-16595-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0043	J	0.50	0.0032	mg/L	1		6010B	TCLP
Barium	1.1	J B	10	0.00067	mg/L	1		6010B	TCLP
Cadmium	0.0011	J	0.10	0.00066	mg/L	1		6010B	TCLP
Chromium	0.0039	J	0.50	0.0022	mg/L	1		6010B	TCLP
Lead	0.0033	J B	0.50	0.0019	mg/L	1		6010B	TCLP
Flashpoint	>180		1.00	1.00	Degrees F	1		1010	Total/NA

Client Sample Results

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

TestAmerica Job ID: 240-16595-1

Client Sample ID: IA08-MW07

Lab Sample ID: 240-16595-1

Date Collected: 10/18/12 10:55
Date Received: 10/18/12 17:30

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	1.1	ug/L			10/28/12 13:41	1
Benzene	ND		1.0	0.13	ug/L			10/28/12 13:41	1
Bromodichloromethane	**0.72**	**J**	1.0	0.15	ug/L			10/28/12 13:41	1
Bromoform	ND		1.0	0.64	ug/L			10/28/12 13:41	1
Bromomethane	ND		1.0	0.41	ug/L			10/28/12 13:41	1
2-Butanone (MEK)	ND		10	0.57	ug/L			10/28/12 13:41	1
Carbon disulfide	ND		1.0	0.13	ug/L			10/28/12 13:41	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			10/28/12 13:41	1
Chlorobenzene	ND		1.0	0.15	ug/L			10/28/12 13:41	1
Chloroethane	ND		1.0	0.29	ug/L			10/28/12 13:41	1
Chloroform	**0.73**	**J**	1.0	0.16	ug/L			10/28/12 13:41	1
Chloromethane	ND		1.0	0.30	ug/L			10/28/12 13:41	1
cis-1,2-Dichloroethene	ND		1.0	0.17	ug/L			10/28/12 13:41	1
cis-1,3-Dichloropropene	ND		1.0	0.14	ug/L			10/28/12 13:41	1
Dibromochloromethane	**0.80**	**J**	1.0	0.18	ug/L			10/28/12 13:41	1
1,1-Dichloroethane	ND		1.0	0.15	ug/L			10/28/12 13:41	1
1,2-Dichloroethane	ND		1.0	0.22	ug/L			10/28/12 13:41	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			10/28/12 13:41	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			10/28/12 13:41	1
Ethylbenzene	ND		1.0	0.17	ug/L			10/28/12 13:41	1
2-Hexanone	ND		10	0.41	ug/L			10/28/12 13:41	1
Methylene Chloride	ND		1.0	0.33	ug/L			10/28/12 13:41	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.32	ug/L			10/28/12 13:41	1
Styrene	ND		1.0	0.11	ug/L			10/28/12 13:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			10/28/12 13:41	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/28/12 13:41	1
Toluene	ND		1.0	0.13	ug/L			10/28/12 13:41	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			10/28/12 13:41	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			10/28/12 13:41	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			10/28/12 13:41	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			10/28/12 13:41	1
Trichloroethene	**0.29**	**J**	1.0	0.17	ug/L			10/28/12 13:41	1
Vinyl chloride	ND		1.0	0.22	ug/L			10/28/12 13:41	1
Xylenes, Total	ND		2.0	0.28	ug/L			10/28/12 13:41	1
Methyl tert-butyl ether	ND		5.0	0.17	ug/L			10/28/12 13:41	1
n-Hexane	ND		1.0	0.26	ug/L			10/28/12 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*66 - 117*		*10/28/12 13:41*	*1*
Dibromofluoromethane (Surr)	*87*		*75 - 121*		*10/28/12 13:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*63 - 129*		*10/28/12 13:41*	*1*
Toluene-d8 (Surr)	*95*		*74 - 115*		*10/28/12 13:41*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.099	ug/L		10/25/12 10:35	10/29/12 14:33	1
Acenaphthylene	ND		0.20	0.099	ug/L		10/25/12 10:35	10/29/12 14:33	1
Anthracene	ND		0.20	0.099	ug/L		10/25/12 10:35	10/29/12 14:33	1
Benzo[a]anthracene	ND		0.20	0.099	ug/L		10/25/12 10:35	10/29/12 14:33	1
Benzo[a]pyrene	ND		0.20	0.099	ug/L		10/25/12 10:35	10/29/12 14:33	1
Benzo[b]fluoranthene	ND		0.20	0.099	ug/L		10/25/12 10:35	10/29/12 14:33	1

Client Sample ID: IA08-MW07

Lab Sample ID: 240-16595-1

Date Collected: 10/18/12 10:55

Matrix: Water

Date Received: 10/18/12 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	ND		0.20	0.099	ug/L		10/25/12 10:35	10/29/12 14:33	1
Benzo[k]fluoranthene	ND		0.20	0.099	ug/L		10/25/12 10:35	10/29/12 14:33	1
Bis(2-chloroethoxy)methane	ND		0.99	0.32	ug/L		10/25/12 10:35	10/29/12 14:33	1
Bis(2-chloroethyl)ether	ND		0.99	0.099	ug/L		10/25/12 10:35	10/29/12 14:33	1
Bis(2-ethylhexyl) phthalate	**1.8**	**J B**	2.0	0.79	ug/L		10/25/12 10:35	10/29/12 14:33	1
4-Bromophenyl phenyl ether	ND		2.0	0.79	ug/L		10/25/12 10:35	10/29/12 14:33	1
Butyl benzyl phthalate	ND		0.99	0.79	ug/L		10/25/12 10:35	10/29/12 14:33	1
4-Chloroaniline	ND		2.0	0.79	ug/L		10/25/12 10:35	10/29/12 14:33	1
4-Chloro-3-methylphenol	ND		2.0	0.79	ug/L		10/25/12 10:35	10/29/12 14:33	1
2-Chloronaphthalene	ND		0.99	0.099	ug/L		10/25/12 10:35	10/29/12 14:33	1
2-Chlorophenol	ND		0.99	0.29	ug/L		10/25/12 10:35	10/29/12 14:33	1
4-Chlorophenyl phenyl ether	ND		2.0	0.30	ug/L		10/25/12 10:35	10/29/12 14:33	1
Chrysene	ND		0.20	0.099	ug/L		10/25/12 10:35	10/29/12 14:33	1
Dibenz(a,h)anthracene	ND		0.20	0.099	ug/L		10/25/12 10:35	10/29/12 14:33	1
Dibenzofuran	ND		0.99	0.099	ug/L		10/25/12 10:35	10/29/12 14:33	1
1,2-Dichlorobenzene	ND		0.99	0.29	ug/L		10/25/12 10:35	10/29/12 14:33	1
1,3-Dichlorobenzene	ND		0.99	0.79	ug/L		10/25/12 10:35	10/29/12 14:33	1
1,4-Dichlorobenzene	ND		0.99	0.34	ug/L		10/25/12 10:35	10/29/12 14:33	1
3,3'-Dichlorobenzidine	ND		5.0	0.37	ug/L		10/25/12 10:35	10/29/12 14:33	1
2,4-Dichlorophenol	ND		2.0	0.79	ug/L		10/25/12 10:35	10/29/12 14:33	1
Diethyl phthalate	ND		0.99	0.59	ug/L		10/25/12 10:35	10/29/12 14:33	1
2,4-Dimethylphenol	ND		2.0	0.79	ug/L		10/25/12 10:35	10/29/12 14:33	1
Dimethyl phthalate	ND		0.99	0.29	ug/L		10/25/12 10:35	10/29/12 14:33	1
Di-n-butyl phthalate	ND		0.99	0.66	ug/L		10/25/12 10:35	10/29/12 14:33	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.4	ug/L		10/25/12 10:35	10/29/12 14:33	1
2,4-Dinitrophenol	ND		5.0	2.4	ug/L		10/25/12 10:35	10/29/12 14:33	1
2,4-Dinitrotoluene	ND		5.0	0.27	ug/L		10/25/12 10:35	10/29/12 14:33	1
2,6-Dinitrotoluene	ND		5.0	0.79	ug/L		10/25/12 10:35	10/29/12 14:33	1
Di-n-octyl phthalate	ND		0.99	0.79	ug/L		10/25/12 10:35	10/29/12 14:33	1
Fluoranthene	ND		0.20	0.099	ug/L		10/25/12 10:35	10/29/12 14:33	1
Fluorene	ND		0.20	0.099	ug/L		10/25/12 10:35	10/29/12 14:33	1
Hexachlorobenzene	ND		0.20	0.099	ug/L		10/25/12 10:35	10/29/12 14:33	1
Hexachlorobutadiene	ND		0.99	0.27	ug/L		10/25/12 10:35	10/29/12 14:33	1
Hexachlorocyclopentadiene	ND		9.9	0.79	ug/L		10/25/12 10:35	10/29/12 14:33	1
Hexachloroethane	ND		0.99	0.79	ug/L		10/25/12 10:35	10/29/12 14:33	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.099	ug/L		10/25/12 10:35	10/29/12 14:33	1
Isophorone	ND		0.99	0.27	ug/L		10/25/12 10:35	10/29/12 14:33	1
2-Methylnaphthalene	ND		0.20	0.099	ug/L		10/25/12 10:35	10/29/12 14:33	1
2-Methylphenol	ND		0.99	0.79	ug/L		10/25/12 10:35	10/29/12 14:33	1
3 & 4 Methylphenol	ND		2.0	0.74	ug/L		10/25/12 10:35	10/29/12 14:33	1
Naphthalene	ND		0.20	0.099	ug/L		10/25/12 10:35	10/29/12 14:33	1
2-Nitroaniline	ND		2.0	0.79	ug/L		10/25/12 10:35	10/29/12 14:33	1
3-Nitroaniline	ND		2.0	0.28	ug/L		10/25/12 10:35	10/29/12 14:33	1
4-Nitroaniline	ND		2.0	0.79	ug/L		10/25/12 10:35	10/29/12 14:33	1
Nitrobenzene	ND		0.99	0.040	ug/L		10/25/12 10:35	10/29/12 14:33	1
2-Nitrophenol	ND		2.0	0.28	ug/L		10/25/12 10:35	10/29/12 14:33	1
4-Nitrophenol	ND		5.0	2.4	ug/L		10/25/12 10:35	10/29/12 14:33	1
N-Nitrosodi-n-propylamine	ND		0.99	0.79	ug/L		10/25/12 10:35	10/29/12 14:33	1
N-Nitrosodiphenylamine	ND		0.99	0.31	ug/L		10/25/12 10:35	10/29/12 14:33	1
2,2'-oxybis[1-chloropropane]	ND		0.99	0.40	ug/L		10/25/12 10:35	10/29/12 14:33	1
Pentachlorophenol	ND		5.0	2.4	ug/L		10/25/12 10:35	10/29/12 14:33	1

Client Sample Results

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

TestAmerica Job ID: 240-16595-1

Client Sample ID: IA08-MW07

Date Collected: 10/18/12 10:55
Date Received: 10/18/12 17:30

Lab Sample ID: 240-16595-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		0.20	0.099	ug/L		10/25/12 10:35	10/29/12 14:33	1
Phenol	ND		0.99	0.59	ug/L		10/25/12 10:35	10/29/12 14:33	1
Pyrene	ND		0.20	0.099	ug/L		10/25/12 10:35	10/29/12 14:33	1
1,2,4-Trichlorobenzene	ND		0.99	0.28	ug/L		10/25/12 10:35	10/29/12 14:33	1
2,4,5-Trichlorophenol	ND		5.0	0.30	ug/L		10/25/12 10:35	10/29/12 14:33	1
2,4,6-Trichlorophenol	ND		5.0	0.79	ug/L		10/25/12 10:35	10/29/12 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*58*		*20 - 110*	*10/25/12 10:35*	*10/29/12 14:33*	*1*
2-Fluorophenol (Surr)	*57*		*10 - 110*	*10/25/12 10:35*	*10/29/12 14:33*	*1*
Nitrobenzene-d5 (Surr)	*60*		*21 - 110*	*10/25/12 10:35*	*10/29/12 14:33*	*1*
Phenol-d5 (Surr)	*61*		*21 - 110*	*10/25/12 10:35*	*10/29/12 14:33*	*1*
Terphenyl-d14 (Surr)	*74*		*24 - 110*	*10/25/12 10:35*	*10/29/12 14:33*	*1*
2,4,6-Tribromophenol (Surr)	*64*		*21 - 110*	*10/25/12 10:35*	*10/29/12 14:33*	*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		10/24/12 11:35	10/25/12 07:49	1
Aroclor 1221	ND		0.50	0.13	ug/L		10/24/12 11:35	10/25/12 07:49	1
Aroclor 1232	ND		0.50	0.16	ug/L		10/24/12 11:35	10/25/12 07:49	1
Aroclor 1242	ND		0.50	0.22	ug/L		10/24/12 11:35	10/25/12 07:49	1
Aroclor 1248	ND		0.50	0.099	ug/L		10/24/12 11:35	10/25/12 07:49	1
Aroclor 1254	ND		0.50	0.16	ug/L		10/24/12 11:35	10/25/12 07:49	1
Aroclor 1260	ND		0.50	0.17	ug/L		10/24/12 11:35	10/25/12 07:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*		*35 - 137*	*10/24/12 11:35*	*10/25/12 07:49*	*1*
DCB Decachlorobiphenyl	*43*		*10 - 140*	*10/24/12 11:35*	*10/25/12 07:49*	*1*

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		5.0	2.2	ug/L		10/23/12 08:50	10/25/12 15:08	1
Arsenic	**5.0**	**J**	10	3.2	ug/L		10/23/12 08:50	10/25/12 15:08	1
Barium	**87**	**J B**	200	0.67	ug/L		10/23/12 08:50	10/25/12 15:08	1
Cadmium	ND		2.0	0.66	ug/L		10/23/12 08:50	10/25/12 15:08	1
Chromium	**6.5**		5.0	2.2	ug/L		10/23/12 08:50	10/25/12 15:08	1
Lead	**4.0**		3.0	1.9	ug/L		10/23/12 08:50	10/25/12 15:08	1
Selenium	ND		5.0	4.1	ug/L		10/23/12 08:50	10/25/12 15:08	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		10/22/12 15:20	10/23/12 16:07	1

Client Sample Results

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

TestAmerica Job ID: 240-16595-1

Client Sample ID: IA08-MW06

Lab Sample ID: 240-16595-2

Date Collected: 10/18/12 13:50
Date Received: 10/18/12 17:30

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**2.3**	J	10	1.1	ug/L			10/25/12 14:58	1
Benzene	**0.23**	J	1.0	0.13	ug/L			10/25/12 14:58	1
Bromodichloromethane	ND		1.0	0.15	ug/L			10/25/12 14:58	1
Bromoform	ND		1.0	0.64	ug/L			10/25/12 14:58	1
Bromomethane	ND		1.0	0.41	ug/L			10/25/12 14:58	1
2-Butanone (MEK)	**0.83**	J	10	0.57	ug/L			10/25/12 14:58	1
Carbon disulfide	**1.0**		1.0	0.13	ug/L			10/25/12 14:58	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			10/25/12 14:58	1
Chlorobenzene	ND		1.0	0.15	ug/L			10/25/12 14:58	1
Chloroethane	ND		1.0	0.29	ug/L			10/25/12 14:58	1
Chloroform	**0.65**	J	1.0	0.16	ug/L			10/25/12 14:58	1
Chloromethane	ND		1.0	0.30	ug/L			10/25/12 14:58	1
cis-1,2-Dichloroethene	ND		1.0	0.17	ug/L			10/25/12 14:58	1
cis-1,3-Dichloropropene	ND		1.0	0.14	ug/L			10/25/12 14:58	1
Dibromochloromethane	ND		1.0	0.18	ug/L			10/25/12 14:58	1
1,1-Dichloroethane	ND		1.0	0.15	ug/L			10/25/12 14:58	1
1,2-Dichloroethane	ND		1.0	0.22	ug/L			10/25/12 14:58	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			10/25/12 14:58	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			10/25/12 14:58	1
Ethylbenzene	ND		1.0	0.17	ug/L			10/25/12 14:58	1
2-Hexanone	ND		10	0.41	ug/L			10/25/12 14:58	1
Methylene Chloride	ND	*	1.0	0.33	ug/L			10/25/12 14:58	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.32	ug/L			10/25/12 14:58	1
Styrene	ND		1.0	0.11	ug/L			10/25/12 14:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			10/25/12 14:58	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/25/12 14:58	1
Toluene	**0.36**	J	1.0	0.13	ug/L			10/25/12 14:58	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			10/25/12 14:58	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			10/25/12 14:58	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			10/25/12 14:58	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			10/25/12 14:58	1
Trichloroethene	ND		1.0	0.17	ug/L			10/25/12 14:58	1
Vinyl chloride	ND		1.0	0.22	ug/L			10/25/12 14:58	1
Xylenes, Total	ND		2.0	0.28	ug/L			10/25/12 14:58	1
Methyl tert-butyl ether	ND		5.0	0.17	ug/L			10/25/12 14:58	1
n-Hexane	ND		1.0	0.26	ug/L			10/25/12 14:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*66 - 117*		*10/25/12 14:58*	*1*
Dibromofluoromethane (Surr)	*90*		*75 - 121*		*10/25/12 14:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*63 - 129*		*10/25/12 14:58*	*1*
Toluene-d8 (Surr)	*96*		*74 - 115*		*10/25/12 14:58*	*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		10/25/12 10:35	10/29/12 14:11	1
Acenaphthylene	ND		0.20	0.098	ug/L		10/25/12 10:35	10/29/12 14:11	1
Anthracene	ND		0.20	0.098	ug/L		10/25/12 10:35	10/29/12 14:11	1
Benzo[a]anthracene	ND		0.20	0.098	ug/L		10/25/12 10:35	10/29/12 14:11	1
Benzo[a]pyrene	ND		0.20	0.098	ug/L		10/25/12 10:35	10/29/12 14:11	1
Benzo[b]fluoranthene	ND		0.20	0.098	ug/L		10/25/12 10:35	10/29/12 14:11	1

Client Sample ID: IA08-MW06

Date Collected: 10/18/12 13:50
Date Received: 10/18/12 17:30

Lab Sample ID: 240-16595-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	ND		0.20	0.098	ug/L		10/25/12 10:35	10/29/12 14:11	1
Benzo[k]fluoranthene	ND		0.20	0.098	ug/L		10/25/12 10:35	10/29/12 14:11	1
Bis(2-chloroethoxy)methane	ND		0.98	0.31	ug/L		10/25/12 10:35	10/29/12 14:11	1
Bis(2-chloroethyl)ether	ND		0.98	0.098	ug/L		10/25/12 10:35	10/29/12 14:11	1
Bis(2-ethylhexyl) phthalate	**0.99**	**J B**	2.0	0.78	ug/L		10/25/12 10:35	10/29/12 14:11	1
4-Bromophenyl phenyl ether	ND		2.0	0.78	ug/L		10/25/12 10:35	10/29/12 14:11	1
Butyl benzyl phthalate	ND		0.98	0.78	ug/L		10/25/12 10:35	10/29/12 14:11	1
4-Chloroaniline	ND		2.0	0.78	ug/L		10/25/12 10:35	10/29/12 14:11	1
4-Chloro-3-methylphenol	ND		2.0	0.78	ug/L		10/25/12 10:35	10/29/12 14:11	1
2-Chloronaphthalene	ND		0.98	0.098	ug/L		10/25/12 10:35	10/29/12 14:11	1
2-Chlorophenol	ND		0.98	0.28	ug/L		10/25/12 10:35	10/29/12 14:11	1
4-Chlorophenyl phenyl ether	ND		2.0	0.29	ug/L		10/25/12 10:35	10/29/12 14:11	1
Chrysene	ND		0.20	0.098	ug/L		10/25/12 10:35	10/29/12 14:11	1
Dibenz(a,h)anthracene	ND		0.20	0.098	ug/L		10/25/12 10:35	10/29/12 14:11	1
Dibenzofuran	ND		0.98	0.098	ug/L		10/25/12 10:35	10/29/12 14:11	1
1,2-Dichlorobenzene	ND		0.98	0.28	ug/L		10/25/12 10:35	10/29/12 14:11	1
1,3-Dichlorobenzene	ND		0.98	0.78	ug/L		10/25/12 10:35	10/29/12 14:11	1
1,4-Dichlorobenzene	ND		0.98	0.33	ug/L		10/25/12 10:35	10/29/12 14:11	1
3,3'-Dichlorobenzidine	ND		4.9	0.36	ug/L		10/25/12 10:35	10/29/12 14:11	1
2,4-Dichlorophenol	ND		2.0	0.78	ug/L		10/25/12 10:35	10/29/12 14:11	1
Diethyl phthalate	ND		0.98	0.59	ug/L		10/25/12 10:35	10/29/12 14:11	1
2,4-Dimethylphenol	ND		2.0	0.78	ug/L		10/25/12 10:35	10/29/12 14:11	1
Dimethyl phthalate	ND		0.98	0.28	ug/L		10/25/12 10:35	10/29/12 14:11	1
Di-n-butyl phthalate	ND		0.98	0.66	ug/L		10/25/12 10:35	10/29/12 14:11	1
4,6-Dinitro-2-methylphenol	ND		4.9	2.4	ug/L		10/25/12 10:35	10/29/12 14:11	1
2,4-Dinitrophenol	ND		4.9	2.4	ug/L		10/25/12 10:35	10/29/12 14:11	1
2,4-Dinitrotoluene	ND		4.9	0.26	ug/L		10/25/12 10:35	10/29/12 14:11	1
2,6-Dinitrotoluene	ND		4.9	0.78	ug/L		10/25/12 10:35	10/29/12 14:11	1
Di-n-octyl phthalate	ND		0.98	0.78	ug/L		10/25/12 10:35	10/29/12 14:11	1
Fluoranthene	ND		0.20	0.098	ug/L		10/25/12 10:35	10/29/12 14:11	1
Fluorene	ND		0.20	0.098	ug/L		10/25/12 10:35	10/29/12 14:11	1
Hexachlorobenzene	ND		0.20	0.098	ug/L		10/25/12 10:35	10/29/12 14:11	1
Hexachlorobutadiene	ND		0.98	0.26	ug/L		10/25/12 10:35	10/29/12 14:11	1
Hexachlorocyclopentadiene	ND		9.8	0.78	ug/L		10/25/12 10:35	10/29/12 14:11	1
Hexachloroethane	ND		0.98	0.78	ug/L		10/25/12 10:35	10/29/12 14:11	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.098	ug/L		10/25/12 10:35	10/29/12 14:11	1
Isophorone	ND		0.98	0.26	ug/L		10/25/12 10:35	10/29/12 14:11	1
2-Methylnaphthalene	ND		0.20	0.098	ug/L		10/25/12 10:35	10/29/12 14:11	1
2-Methylphenol	ND		0.98	0.78	ug/L		10/25/12 10:35	10/29/12 14:11	1
3 & 4 Methylphenol	ND		2.0	0.74	ug/L		10/25/12 10:35	10/29/12 14:11	1
Naphthalene	ND		0.20	0.098	ug/L		10/25/12 10:35	10/29/12 14:11	1
2-Nitroaniline	ND		2.0	0.78	ug/L		10/25/12 10:35	10/29/12 14:11	1
3-Nitroaniline	ND		2.0	0.27	ug/L		10/25/12 10:35	10/29/12 14:11	1
4-Nitroaniline	ND		2.0	0.78	ug/L		10/25/12 10:35	10/29/12 14:11	1
Nitrobenzene	ND		0.98	0.039	ug/L		10/25/12 10:35	10/29/12 14:11	1
2-Nitrophenol	ND		2.0	0.27	ug/L		10/25/12 10:35	10/29/12 14:11	1
4-Nitrophenol	ND		4.9	2.4	ug/L		10/25/12 10:35	10/29/12 14:11	1
N-Nitrosodi-n-propylamine	ND		0.98	0.78	ug/L		10/25/12 10:35	10/29/12 14:11	1
N-Nitrosodiphenylamine	ND		0.98	0.30	ug/L		10/25/12 10:35	10/29/12 14:11	1
2,2'-oxybis[1-chloropropane]	ND		0.98	0.39	ug/L		10/25/12 10:35	10/29/12 14:11	1
Pentachlorophenol	ND		4.9	2.4	ug/L		10/25/12 10:35	10/29/12 14:11	1

Client Sample Results

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

TestAmerica Job ID: 240-16595-1

Client Sample ID: IA08-MW06

Date Collected: 10/18/12 13:50
Date Received: 10/18/12 17:30

Lab Sample ID: 240-16595-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		0.20	0.098	ug/L		10/25/12 10:35	10/29/12 14:11	1
Phenol	ND		0.98	0.59	ug/L		10/25/12 10:35	10/29/12 14:11	1
Pyrene	ND		0.20	0.098	ug/L		10/25/12 10:35	10/29/12 14:11	1
1,2,4-Trichlorobenzene	ND		0.98	0.27	ug/L		10/25/12 10:35	10/29/12 14:11	1
2,4,5-Trichlorophenol	ND		4.9	0.29	ug/L		10/25/12 10:35	10/29/12 14:11	1
2,4,6-Trichlorophenol	ND		4.9	0.78	ug/L		10/25/12 10:35	10/29/12 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*62*		*20 - 110*	*10/25/12 10:35*	*10/29/12 14:11*	*1*
2-Fluorophenol (Surr)	*63*		*10 - 110*	*10/25/12 10:35*	*10/29/12 14:11*	*1*
Nitrobenzene-d5 (Surr)	*68*		*21 - 110*	*10/25/12 10:35*	*10/29/12 14:11*	*1*
Phenol-d5 (Surr)	*65*		*21 - 110*	*10/25/12 10:35*	*10/29/12 14:11*	*1*
Terphenyl-d14 (Surr)	*66*		*24 - 110*	*10/25/12 10:35*	*10/29/12 14:11*	*1*
2,4,6-Tribromophenol (Surr)	*62*		*21 - 110*	*10/25/12 10:35*	*10/29/12 14:11*	*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		10/24/12 11:35	10/25/12 08:34	1
Aroclor 1221	ND		0.50	0.13	ug/L		10/24/12 11:35	10/25/12 08:34	1
Aroclor 1232	ND		0.50	0.16	ug/L		10/24/12 11:35	10/25/12 08:34	1
Aroclor 1242	ND		0.50	0.22	ug/L		10/24/12 11:35	10/25/12 08:34	1
Aroclor 1248	ND		0.50	0.10	ug/L		10/24/12 11:35	10/25/12 08:34	1
Aroclor 1254	ND		0.50	0.16	ug/L		10/24/12 11:35	10/25/12 08:34	1
Aroclor 1260	ND		0.50	0.17	ug/L		10/24/12 11:35	10/25/12 08:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*72*		*35 - 137*	*10/24/12 11:35*	*10/25/12 08:34*	*1*
DCB Decachlorobiphenyl	*13*		*10 - 140*	*10/24/12 11:35*	*10/25/12 08:34*	*1*

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		5.0	2.2	ug/L		10/23/12 08:33	10/24/12 16:38	1
Arsenic	**140**		10	3.2	ug/L		10/23/12 08:33	10/24/12 16:38	1
Barium	**500**	B	200	0.67	ug/L		10/23/12 08:33	10/24/12 16:38	1
Cadmium	ND		2.0	0.66	ug/L		10/23/12 08:33	10/24/12 16:38	1
Chromium	**33**		5.0	2.2	ug/L		10/23/12 08:33	10/24/12 16:38	1
Lead	**21**		3.0	1.9	ug/L		10/23/12 08:33	10/24/12 16:38	1
Selenium	ND		5.0	4.1	ug/L		10/23/12 08:33	10/24/12 16:38	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		10/22/12 15:20	10/23/12 16:21	1

Client Sample Results

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

TestAmerica Job ID: 240-16595-1

Client Sample ID: IA08-MW08

Lab Sample ID: 240-16595-3

Date Collected: 10/18/12 15:35
Date Received: 10/18/12 17:30

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	1.1	ug/L			10/25/12 15:20	1
Benzene	ND		1.0	0.13	ug/L			10/25/12 15:20	1
Bromodichloromethane	**1.3**		1.0	0.15	ug/L			10/25/12 15:20	1
Bromoform	ND		1.0	0.64	ug/L			10/25/12 15:20	1
Bromomethane	ND		1.0	0.41	ug/L			10/25/12 15:20	1
2-Butanone (MEK)	ND		10	0.57	ug/L			10/25/12 15:20	1
Carbon disulfide	**0.13**	J	1.0	0.13	ug/L			10/25/12 15:20	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			10/25/12 15:20	1
Chlorobenzene	ND		1.0	0.15	ug/L			10/25/12 15:20	1
Chloroethane	ND		1.0	0.29	ug/L			10/25/12 15:20	1
Chloroform	**1.2**		1.0	0.16	ug/L			10/25/12 15:20	1
Chloromethane	ND		1.0	0.30	ug/L			10/25/12 15:20	1
cis-1,2-Dichloroethene	ND		1.0	0.17	ug/L			10/25/12 15:20	1
cis-1,3-Dichloropropene	ND		1.0	0.14	ug/L			10/25/12 15:20	1
Dibromochloromethane	**1.4**		1.0	0.18	ug/L			10/25/12 15:20	1
1,1-Dichloroethane	ND		1.0	0.15	ug/L			10/25/12 15:20	1
1,2-Dichloroethane	ND		1.0	0.22	ug/L			10/25/12 15:20	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			10/25/12 15:20	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			10/25/12 15:20	1
Ethylbenzene	ND		1.0	0.17	ug/L			10/25/12 15:20	1
2-Hexanone	ND		10	0.41	ug/L			10/25/12 15:20	1
Methylene Chloride	ND	*	1.0	0.33	ug/L			10/25/12 15:20	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.32	ug/L			10/25/12 15:20	1
Styrene	ND		1.0	0.11	ug/L			10/25/12 15:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			10/25/12 15:20	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/25/12 15:20	1
Toluene	ND		1.0	0.13	ug/L			10/25/12 15:20	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			10/25/12 15:20	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			10/25/12 15:20	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			10/25/12 15:20	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			10/25/12 15:20	1
Trichloroethene	**0.31**	J	1.0	0.17	ug/L			10/25/12 15:20	1
Vinyl chloride	ND		1.0	0.22	ug/L			10/25/12 15:20	1
Xylenes, Total	ND		2.0	0.28	ug/L			10/25/12 15:20	1
Methyl tert-butyl ether	ND		5.0	0.17	ug/L			10/25/12 15:20	1
n-Hexane	ND		1.0	0.26	ug/L			10/25/12 15:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*66 - 117*		*10/25/12 15:20*	*1*
Dibromofluoromethane (Surr)	*88*		*75 - 121*		*10/25/12 15:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*63 - 129*		*10/25/12 15:20*	*1*
Toluene-d8 (Surr)	*96*		*74 - 115*		*10/25/12 15:20*	*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		10/25/12 10:35	10/29/12 13:48	1
Acenaphthylene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:48	1
Anthracene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:48	1
Benzo[a]anthracene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:48	1
Benzo[a]pyrene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:48	1
Benzo[b]fluoranthene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:48	1

Client Sample ID: IA08-MW08

Lab Sample ID: 240-16595-3

Date Collected: 10/18/12 15:35

Matrix: Water

Date Received: 10/18/12 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:48	1
Benzo[k]fluoranthene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:48	1
Bis(2-chloroethoxy)methane	ND		1.0	0.33	ug/L		10/25/12 10:35	10/29/12 13:48	1
Bis(2-chloroethyl)ether	ND		1.0	0.10	ug/L		10/25/12 10:35	10/29/12 13:48	1
Bis(2-ethylhexyl) phthalate	**1.4**	**J B**	2.0	0.82	ug/L		10/25/12 10:35	10/29/12 13:48	1
4-Bromophenyl phenyl ether	ND		2.0	0.82	ug/L		10/25/12 10:35	10/29/12 13:48	1
Butyl benzyl phthalate	ND		1.0	0.82	ug/L		10/25/12 10:35	10/29/12 13:48	1
4-Chloroaniline	ND		2.0	0.82	ug/L		10/25/12 10:35	10/29/12 13:48	1
4-Chloro-3-methylphenol	ND		2.0	0.82	ug/L		10/25/12 10:35	10/29/12 13:48	1
2-Chloronaphthalene	ND		1.0	0.10	ug/L		10/25/12 10:35	10/29/12 13:48	1
2-Chlorophenol	ND		1.0	0.30	ug/L		10/25/12 10:35	10/29/12 13:48	1
4-Chlorophenyl phenyl ether	ND		2.0	0.31	ug/L		10/25/12 10:35	10/29/12 13:48	1
Chrysene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:48	1
Dibenz(a,h)anthracene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:48	1
Dibenzofuran	ND		1.0	0.10	ug/L		10/25/12 10:35	10/29/12 13:48	1
1,2-Dichlorobenzene	ND		1.0	0.30	ug/L		10/25/12 10:35	10/29/12 13:48	1
1,3-Dichlorobenzene	ND		1.0	0.82	ug/L		10/25/12 10:35	10/29/12 13:48	1
1,4-Dichlorobenzene	ND		1.0	0.35	ug/L		10/25/12 10:35	10/29/12 13:48	1
3,3'-Dichlorobenzidine	ND		5.1	0.38	ug/L		10/25/12 10:35	10/29/12 13:48	1
2,4-Dichlorophenol	ND		2.0	0.82	ug/L		10/25/12 10:35	10/29/12 13:48	1
Diethyl phthalate	ND		1.0	0.61	ug/L		10/25/12 10:35	10/29/12 13:48	1
2,4-Dimethylphenol	ND		2.0	0.82	ug/L		10/25/12 10:35	10/29/12 13:48	1
Dimethyl phthalate	ND		1.0	0.30	ug/L		10/25/12 10:35	10/29/12 13:48	1
Di-n-butyl phthalate	ND		1.0	0.68	ug/L		10/25/12 10:35	10/29/12 13:48	1
4,6-Dinitro-2-methylphenol	ND		5.1	2.4	ug/L		10/25/12 10:35	10/29/12 13:48	1
2,4-Dinitrophenol	ND		5.1	2.4	ug/L		10/25/12 10:35	10/29/12 13:48	1
2,4-Dinitrotoluene	ND		5.1	0.28	ug/L		10/25/12 10:35	10/29/12 13:48	1
2,6-Dinitrotoluene	ND		5.1	0.82	ug/L		10/25/12 10:35	10/29/12 13:48	1
Di-n-octyl phthalate	ND		1.0	0.82	ug/L		10/25/12 10:35	10/29/12 13:48	1
Fluoranthene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:48	1
Fluorene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:48	1
Hexachlorobenzene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:48	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L		10/25/12 10:35	10/29/12 13:48	1
Hexachlorocyclopentadiene	ND		10	0.82	ug/L		10/25/12 10:35	10/29/12 13:48	1
Hexachloroethane	ND		1.0	0.82	ug/L		10/25/12 10:35	10/29/12 13:48	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:48	1
Isophorone	ND		1.0	0.28	ug/L		10/25/12 10:35	10/29/12 13:48	1
2-Methylnaphthalene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:48	1
2-Methylphenol	ND		1.0	0.82	ug/L		10/25/12 10:35	10/29/12 13:48	1
3 & 4 Methylphenol	ND		2.0	0.77	ug/L		10/25/12 10:35	10/29/12 13:48	1
Naphthalene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:48	1
2-Nitroaniline	ND		2.0	0.82	ug/L		10/25/12 10:35	10/29/12 13:48	1
3-Nitroaniline	ND		2.0	0.29	ug/L		10/25/12 10:35	10/29/12 13:48	1
4-Nitroaniline	ND		2.0	0.82	ug/L		10/25/12 10:35	10/29/12 13:48	1
Nitrobenzene	ND		1.0	0.041	ug/L		10/25/12 10:35	10/29/12 13:48	1
2-Nitrophenol	ND		2.0	0.29	ug/L		10/25/12 10:35	10/29/12 13:48	1
4-Nitrophenol	ND		5.1	2.4	ug/L		10/25/12 10:35	10/29/12 13:48	1
N-Nitrosodi-n-propylamine	ND		1.0	0.82	ug/L		10/25/12 10:35	10/29/12 13:48	1
N-Nitrosodiphenylamine	ND		1.0	0.32	ug/L		10/25/12 10:35	10/29/12 13:48	1
2,2'-oxybis[1-chloropropane]	ND		1.0	0.41	ug/L		10/25/12 10:35	10/29/12 13:48	1
Pentachlorophenol	ND		5.1	2.4	ug/L		10/25/12 10:35	10/29/12 13:48	1

Client Sample Results

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

TestAmerica Job ID: 240-16595-1

Client Sample ID: IA08-MW08

Lab Sample ID: 240-16595-3

Date Collected: 10/18/12 15:35
Date Received: 10/18/12 17:30

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:48	1
Phenol	ND		1.0	0.61	ug/L		10/25/12 10:35	10/29/12 13:48	1
Pyrene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.29	ug/L		10/25/12 10:35	10/29/12 13:48	1
2,4,5-Trichlorophenol	ND		5.1	0.31	ug/L		10/25/12 10:35	10/29/12 13:48	1
2,4,6-Trichlorophenol	ND		5.1	0.82	ug/L		10/25/12 10:35	10/29/12 13:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*67*		*20 - 110*	*10/25/12 10:35*	*10/29/12 13:48*	*1*
2-Fluorophenol (Surr)	*71*		*10 - 110*	*10/25/12 10:35*	*10/29/12 13:48*	*1*
Nitrobenzene-d5 (Surr)	*73*		*21 - 110*	*10/25/12 10:35*	*10/29/12 13:48*	*1*
Phenol-d5 (Surr)	*72*		*21 - 110*	*10/25/12 10:35*	*10/29/12 13:48*	*1*
Terphenyl-d14 (Surr)	*71*		*24 - 110*	*10/25/12 10:35*	*10/29/12 13:48*	*1*
2,4,6-Tribromophenol (Surr)	*67*		*21 - 110*	*10/25/12 10:35*	*10/29/12 13:48*	*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		10/24/12 11:35	10/25/12 08:49	1
Aroclor 1221	ND		0.50	0.13	ug/L		10/24/12 11:35	10/25/12 08:49	1
Aroclor 1232	ND		0.50	0.16	ug/L		10/24/12 11:35	10/25/12 08:49	1
Aroclor 1242	ND		0.50	0.22	ug/L		10/24/12 11:35	10/25/12 08:49	1
Aroclor 1248	ND		0.50	0.10	ug/L		10/24/12 11:35	10/25/12 08:49	1
Aroclor 1254	ND		0.50	0.16	ug/L		10/24/12 11:35	10/25/12 08:49	1
Aroclor 1260	ND		0.50	0.17	ug/L		10/24/12 11:35	10/25/12 08:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*35 - 137*	*10/24/12 11:35*	*10/25/12 08:49*	*1*
DCB Decachlorobiphenyl	*32*		*10 - 140*	*10/24/12 11:35*	*10/25/12 08:49*	*1*

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		5.0	2.2	ug/L		10/23/12 08:58	10/24/12 21:58	1
Arsenic	**9.1**	J	10	3.2	ug/L		10/23/12 08:58	10/24/12 21:58	1
Barium	**49**	J B	200	0.67	ug/L		10/23/12 08:58	10/24/12 21:58	1
Cadmium	ND		2.0	0.66	ug/L		10/23/12 08:58	10/24/12 21:58	1
Chromium	**18**		5.0	2.2	ug/L		10/23/12 08:58	10/24/12 21:58	1
Lead	**2.5**	J	3.0	1.9	ug/L		10/23/12 08:58	10/24/12 21:58	1
Selenium	ND		5.0	4.1	ug/L		10/23/12 08:58	10/24/12 21:58	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		10/22/12 15:20	10/23/12 16:23	1

Client Sample Results

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

TestAmerica Job ID: 240-16595-1

Client Sample ID: RIN-04

Lab Sample ID: 240-16595-4

Date Collected: 10/18/12 11:55
Date Received: 10/18/12 17:30

Matrix: WQ

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	1.1	ug/L			10/28/12 15:08	1
Benzene	ND		1.0	0.13	ug/L			10/28/12 15:08	1
Bromodichloromethane	ND		1.0	0.15	ug/L			10/28/12 15:08	1
Bromoform	ND		1.0	0.64	ug/L			10/28/12 15:08	1
Bromomethane	ND		1.0	0.41	ug/L			10/28/12 15:08	1
2-Butanone (MEK)	ND		10	0.57	ug/L			10/28/12 15:08	1
Carbon disulfide	ND		1.0	0.13	ug/L			10/28/12 15:08	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			10/28/12 15:08	1
Chlorobenzene	ND		1.0	0.15	ug/L			10/28/12 15:08	1
Chloroethane	ND		1.0	0.29	ug/L			10/28/12 15:08	1
Chloroform	**0.51**	**J**	1.0	0.16	ug/L			10/28/12 15:08	1
Chloromethane	ND		1.0	0.30	ug/L			10/28/12 15:08	1
cis-1,2-Dichloroethene	ND		1.0	0.17	ug/L			10/28/12 15:08	1
cis-1,3-Dichloropropene	ND		1.0	0.14	ug/L			10/28/12 15:08	1
Dibromochloromethane	ND		1.0	0.18	ug/L			10/28/12 15:08	1
1,1-Dichloroethane	ND		1.0	0.15	ug/L			10/28/12 15:08	1
1,2-Dichloroethane	ND		1.0	0.22	ug/L			10/28/12 15:08	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			10/28/12 15:08	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			10/28/12 15:08	1
Ethylbenzene	ND		1.0	0.17	ug/L			10/28/12 15:08	1
2-Hexanone	ND		10	0.41	ug/L			10/28/12 15:08	1
Methylene Chloride	ND		1.0	0.33	ug/L			10/28/12 15:08	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.32	ug/L			10/28/12 15:08	1
Styrene	ND		1.0	0.11	ug/L			10/28/12 15:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			10/28/12 15:08	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/28/12 15:08	1
Toluene	ND		1.0	0.13	ug/L			10/28/12 15:08	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			10/28/12 15:08	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			10/28/12 15:08	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			10/28/12 15:08	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			10/28/12 15:08	1
Trichloroethene	ND		1.0	0.17	ug/L			10/28/12 15:08	1
Vinyl chloride	ND		1.0	0.22	ug/L			10/28/12 15:08	1
Xylenes, Total	ND		2.0	0.28	ug/L			10/28/12 15:08	1
Methyl tert-butyl ether	ND		5.0	0.17	ug/L			10/28/12 15:08	1
n-Hexane	ND		1.0	0.26	ug/L			10/28/12 15:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*77*		*66 - 117*		*10/28/12 15:08*	*1*
Dibromofluoromethane (Surr)	*89*		*75 - 121*		*10/28/12 15:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*63 - 129*		*10/28/12 15:08*	*1*
Toluene-d8 (Surr)	*96*		*74 - 115*		*10/28/12 15:08*	*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		10/25/12 10:35	10/29/12 13:26	1
Acenaphthylene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:26	1
Anthracene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:26	1
Benzo[a]anthracene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:26	1
Benzo[a]pyrene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:26	1
Benzo[b]fluoranthene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:26	1

Client Sample ID: RIN-04

Lab Sample ID: 240-16595-4

Date Collected: 10/18/12 11:55

Matrix: WQ

Date Received: 10/18/12 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:26	1
Benzo[k]fluoranthene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:26	1
Bis(2-chloroethoxy)methane	ND		1.0	0.32	ug/L		10/25/12 10:35	10/29/12 13:26	1
Bis(2-chloroethyl)ether	ND		1.0	0.10	ug/L		10/25/12 10:35	10/29/12 13:26	1
Bis(2-ethylhexyl) phthalate	ND		2.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:26	1
4-Bromophenyl phenyl ether	ND		2.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:26	1
Butyl benzyl phthalate	ND		1.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:26	1
4-Chloroaniline	ND		2.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:26	1
4-Chloro-3-methylphenol	ND		2.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:26	1
2-Chloronaphthalene	ND		1.0	0.10	ug/L		10/25/12 10:35	10/29/12 13:26	1
2-Chlorophenol	ND		1.0	0.29	ug/L		10/25/12 10:35	10/29/12 13:26	1
4-Chlorophenyl phenyl ether	ND		2.0	0.30	ug/L		10/25/12 10:35	10/29/12 13:26	1
Chrysene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:26	1
Dibenz(a,h)anthracene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:26	1
Dibenzofuran	ND		1.0	0.10	ug/L		10/25/12 10:35	10/29/12 13:26	1
1,2-Dichlorobenzene	ND		1.0	0.29	ug/L		10/25/12 10:35	10/29/12 13:26	1
1,3-Dichlorobenzene	ND		1.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:26	1
1,4-Dichlorobenzene	ND		1.0	0.34	ug/L		10/25/12 10:35	10/29/12 13:26	1
3,3'-Dichlorobenzidine	ND		5.0	0.37	ug/L		10/25/12 10:35	10/29/12 13:26	1
2,4-Dichlorophenol	ND		2.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:26	1
Diethyl phthalate	ND		1.0	0.60	ug/L		10/25/12 10:35	10/29/12 13:26	1
2,4-Dimethylphenol	ND		2.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:26	1
Dimethyl phthalate	ND		1.0	0.29	ug/L		10/25/12 10:35	10/29/12 13:26	1
Di-n-butyl phthalate	ND		1.0	0.67	ug/L		10/25/12 10:35	10/29/12 13:26	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.4	ug/L		10/25/12 10:35	10/29/12 13:26	1
2,4-Dinitrophenol	ND		5.0	2.4	ug/L		10/25/12 10:35	10/29/12 13:26	1
2,4-Dinitrotoluene	ND		5.0	0.27	ug/L		10/25/12 10:35	10/29/12 13:26	1
2,6-Dinitrotoluene	ND		5.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:26	1
Di-n-octyl phthalate	ND		1.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:26	1
Fluoranthene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:26	1
Fluorene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:26	1
Hexachlorobenzene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:26	1
Hexachlorobutadiene	ND		1.0	0.27	ug/L		10/25/12 10:35	10/29/12 13:26	1
Hexachlorocyclopentadiene	ND		10	0.80	ug/L		10/25/12 10:35	10/29/12 13:26	1
Hexachloroethane	ND		1.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:26	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:26	1
Isophorone	ND		1.0	0.27	ug/L		10/25/12 10:35	10/29/12 13:26	1
2-Methylnaphthalene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:26	1
2-Methylphenol	ND		1.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:26	1
3 & 4 Methylphenol	ND		2.0	0.75	ug/L		10/25/12 10:35	10/29/12 13:26	1
Naphthalene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:26	1
2-Nitroaniline	ND		2.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:26	1
3-Nitroaniline	ND		2.0	0.28	ug/L		10/25/12 10:35	10/29/12 13:26	1
4-Nitroaniline	ND		2.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:26	1
Nitrobenzene	ND		1.0	0.040	ug/L		10/25/12 10:35	10/29/12 13:26	1
2-Nitrophenol	ND		2.0	0.28	ug/L		10/25/12 10:35	10/29/12 13:26	1
4-Nitrophenol	ND		5.0	2.4	ug/L		10/25/12 10:35	10/29/12 13:26	1
N-Nitrosodi-n-propylamine	ND		1.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:26	1
N-Nitrosodiphenylamine	ND		1.0	0.31	ug/L		10/25/12 10:35	10/29/12 13:26	1
2,2'-oxybis[1-chloropropane]	ND		1.0	0.40	ug/L		10/25/12 10:35	10/29/12 13:26	1
Pentachlorophenol	ND		5.0	2.4	ug/L		10/25/12 10:35	10/29/12 13:26	1

Client Sample Results

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

TestAmerica Job ID: 240-16595-1

Client Sample ID: RIN-04

Lab Sample ID: 240-16595-4

Date Collected: 10/18/12 11:55
Date Received: 10/18/12 17:30

Matrix: WQ

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:26	1
Phenol	ND		1.0	0.60	ug/L		10/25/12 10:35	10/29/12 13:26	1
Pyrene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.28	ug/L		10/25/12 10:35	10/29/12 13:26	1
2,4,5-Trichlorophenol	ND		5.0	0.30	ug/L		10/25/12 10:35	10/29/12 13:26	1
2,4,6-Trichlorophenol	ND		5.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*56*		*20 - 110*	*10/25/12 10:35*	*10/29/12 13:26*	*1*
2-Fluorophenol (Surr)	*57*		*10 - 110*	*10/25/12 10:35*	*10/29/12 13:26*	*1*
Nitrobenzene-d5 (Surr)	*61*		*21 - 110*	*10/25/12 10:35*	*10/29/12 13:26*	*1*
Phenol-d5 (Surr)	*60*		*21 - 110*	*10/25/12 10:35*	*10/29/12 13:26*	*1*
Terphenyl-d14 (Surr)	*73*		*24 - 110*	*10/25/12 10:35*	*10/29/12 13:26*	*1*
2,4,6-Tribromophenol (Surr)	*55*		*21 - 110*	*10/25/12 10:35*	*10/29/12 13:26*	*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		10/24/12 11:35	10/25/12 09:04	1
Aroclor 1221	ND		0.49	0.13	ug/L		10/24/12 11:35	10/25/12 09:04	1
Aroclor 1232	ND		0.49	0.16	ug/L		10/24/12 11:35	10/25/12 09:04	1
Aroclor 1242	ND		0.49	0.22	ug/L		10/24/12 11:35	10/25/12 09:04	1
Aroclor 1248	ND		0.49	0.098	ug/L		10/24/12 11:35	10/25/12 09:04	1
Aroclor 1254	ND		0.49	0.16	ug/L		10/24/12 11:35	10/25/12 09:04	1
Aroclor 1260	ND		0.49	0.17	ug/L		10/24/12 11:35	10/25/12 09:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*35 - 137*	*10/24/12 11:35*	*10/25/12 09:04*	*1*
DCB Decachlorobiphenyl	*67*		*10 - 140*	*10/24/12 11:35*	*10/25/12 09:04*	*1*

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		5.0	2.2	ug/L		10/23/12 08:58	10/24/12 22:04	1
Arsenic	ND		10	3.2	ug/L		10/23/12 08:58	10/24/12 22:04	1
Barium	ND		200	0.67	ug/L		10/23/12 08:58	10/24/12 22:04	1
Cadmium	ND		2.0	0.66	ug/L		10/23/12 08:58	10/24/12 22:04	1
Chromium	ND		5.0	2.2	ug/L		10/23/12 08:58	10/24/12 22:04	1
Lead	ND		3.0	1.9	ug/L		10/23/12 08:58	10/24/12 22:04	1
Selenium	ND		5.0	4.1	ug/L		10/23/12 08:58	10/24/12 22:04	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		10/22/12 15:20	10/23/12 16:30	1

Client Sample Results

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

TestAmerica Job ID: 240-16595-1

Client Sample ID: DUP-04

Date Collected: 10/18/12 00:00
Date Received: 10/18/12 17:30

Lab Sample ID: 240-16595-5
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			10/25/12 18:20	1
Benzene	ND		1.0	0.13	ug/L			10/25/12 18:20	1
Bromodichloromethane	**0.77**	J	1.0	0.15	ug/L			10/25/12 18:20	1
Bromoform	ND		1.0	0.64	ug/L			10/25/12 18:20	1
Bromomethane	ND		1.0	0.41	ug/L			10/25/12 18:20	1
2-Butanone (MEK)	ND		10	0.57	ug/L			10/25/12 18:20	1
Carbon disulfide	**0.18**	J	1.0	0.13	ug/L			10/25/12 18:20	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			10/25/12 18:20	1
Chlorobenzene	ND		1.0	0.15	ug/L			10/25/12 18:20	1
Chloroethane	ND		1.0	0.29	ug/L			10/25/12 18:20	1
Chloroform	**0.78**	J	1.0	0.16	ug/L			10/25/12 18:20	1
Chloromethane	ND		1.0	0.30	ug/L			10/25/12 18:20	1
cis-1,2-Dichloroethene	ND		1.0	0.17	ug/L			10/25/12 18:20	1
cis-1,3-Dichloropropene	ND		1.0	0.14	ug/L			10/25/12 18:20	1
Dibromochloromethane	**0.80**	J	1.0	0.18	ug/L			10/25/12 18:20	1
1,1-Dichloroethane	ND		1.0	0.15	ug/L			10/25/12 18:20	1
1,2-Dichloroethane	ND		1.0	0.22	ug/L			10/25/12 18:20	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			10/25/12 18:20	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			10/25/12 18:20	1
Ethylbenzene	ND		1.0	0.17	ug/L			10/25/12 18:20	1
2-Hexanone	ND		10	0.41	ug/L			10/25/12 18:20	1
Methylene Chloride	ND	*	1.0	0.33	ug/L			10/25/12 18:20	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.32	ug/L			10/25/12 18:20	1
Styrene	ND		1.0	0.11	ug/L			10/25/12 18:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			10/25/12 18:20	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/25/12 18:20	1
Toluene	**0.14**	J	1.0	0.13	ug/L			10/25/12 18:20	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			10/25/12 18:20	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			10/25/12 18:20	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			10/25/12 18:20	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			10/25/12 18:20	1
Trichloroethene	**0.28**	J	1.0	0.17	ug/L			10/25/12 18:20	1
Vinyl chloride	ND		1.0	0.22	ug/L			10/25/12 18:20	1
Xylenes, Total	ND		2.0	0.28	ug/L			10/25/12 18:20	1
Methyl tert-butyl ether	ND		5.0	0.17	ug/L			10/25/12 18:20	1
n-Hexane	ND		1.0	0.26	ug/L			10/25/12 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*66 - 117*		*10/25/12 18:20*	*1*
Dibromofluoromethane (Surr)	*90*		*75 - 121*		*10/25/12 18:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 129*		*10/25/12 18:20*	*1*
Toluene-d8 (Surr)	*96*		*74 - 115*		*10/25/12 18:20*	*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		10/25/12 10:35	10/29/12 13:04	1
Acenaphthylene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:04	1
Anthracene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:04	1
Benzo[a]anthracene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:04	1
Benzo[a]pyrene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:04	1
Benzo[b]fluoranthene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:04	1

Client Sample ID: DUP-04

Date Collected: 10/18/12 00:00
Date Received: 10/18/12 17:30

Lab Sample ID: 240-16595-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:04	1
Benzo[k]fluoranthene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:04	1
Bis(2-chloroethoxy)methane	ND		1.0	0.32	ug/L		10/25/12 10:35	10/29/12 13:04	1
Bis(2-chloroethyl)ether	ND		1.0	0.10	ug/L		10/25/12 10:35	10/29/12 13:04	1
Bis(2-ethylhexyl) phthalate	**1.5**	**J B**	2.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:04	1
4-Bromophenyl phenyl ether	ND		2.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:04	1
Butyl benzyl phthalate	ND		1.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:04	1
4-Chloroaniline	ND		2.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:04	1
4-Chloro-3-methylphenol	ND		2.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:04	1
2-Chloronaphthalene	ND		1.0	0.10	ug/L		10/25/12 10:35	10/29/12 13:04	1
2-Chlorophenol	ND		1.0	0.29	ug/L		10/25/12 10:35	10/29/12 13:04	1
4-Chlorophenyl phenyl ether	ND		2.0	0.30	ug/L		10/25/12 10:35	10/29/12 13:04	1
Chrysene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:04	1
Dibenz(a,h)anthracene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:04	1
Dibenzofuran	ND		1.0	0.10	ug/L		10/25/12 10:35	10/29/12 13:04	1
1,2-Dichlorobenzene	ND		1.0	0.29	ug/L		10/25/12 10:35	10/29/12 13:04	1
1,3-Dichlorobenzene	ND		1.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:04	1
1,4-Dichlorobenzene	ND		1.0	0.34	ug/L		10/25/12 10:35	10/29/12 13:04	1
3,3'-Dichlorobenzidine	ND		5.0	0.37	ug/L		10/25/12 10:35	10/29/12 13:04	1
2,4-Dichlorophenol	ND		2.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:04	1
Diethyl phthalate	ND		1.0	0.60	ug/L		10/25/12 10:35	10/29/12 13:04	1
2,4-Dimethylphenol	ND		2.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:04	1
Dimethyl phthalate	ND		1.0	0.29	ug/L		10/25/12 10:35	10/29/12 13:04	1
Di-n-butyl phthalate	ND		1.0	0.67	ug/L		10/25/12 10:35	10/29/12 13:04	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.4	ug/L		10/25/12 10:35	10/29/12 13:04	1
2,4-Dinitrophenol	ND		5.0	2.4	ug/L		10/25/12 10:35	10/29/12 13:04	1
2,4-Dinitrotoluene	ND		5.0	0.27	ug/L		10/25/12 10:35	10/29/12 13:04	1
2,6-Dinitrotoluene	ND		5.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:04	1
Di-n-octyl phthalate	ND		1.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:04	1
Fluoranthene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:04	1
Fluorene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:04	1
Hexachlorobenzene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:04	1
Hexachlorobutadiene	ND		1.0	0.27	ug/L		10/25/12 10:35	10/29/12 13:04	1
Hexachlorocyclopentadiene	ND		10	0.80	ug/L		10/25/12 10:35	10/29/12 13:04	1
Hexachloroethane	ND		1.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:04	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:04	1
Isophorone	ND		1.0	0.27	ug/L		10/25/12 10:35	10/29/12 13:04	1
2-Methylnaphthalene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:04	1
2-Methylphenol	ND		1.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:04	1
3 & 4 Methylphenol	ND		2.0	0.75	ug/L		10/25/12 10:35	10/29/12 13:04	1
Naphthalene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:04	1
2-Nitroaniline	ND		2.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:04	1
3-Nitroaniline	ND		2.0	0.28	ug/L		10/25/12 10:35	10/29/12 13:04	1
4-Nitroaniline	ND		2.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:04	1
Nitrobenzene	ND		1.0	0.040	ug/L		10/25/12 10:35	10/29/12 13:04	1
2-Nitrophenol	ND		2.0	0.28	ug/L		10/25/12 10:35	10/29/12 13:04	1
4-Nitrophenol	ND		5.0	2.4	ug/L		10/25/12 10:35	10/29/12 13:04	1
N-Nitrosodi-n-propylamine	ND		1.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:04	1
N-Nitrosodiphenylamine	ND		1.0	0.31	ug/L		10/25/12 10:35	10/29/12 13:04	1
2,2'-oxybis[1-chloropropane]	ND		1.0	0.40	ug/L		10/25/12 10:35	10/29/12 13:04	1
Pentachlorophenol	ND		5.0	2.4	ug/L		10/25/12 10:35	10/29/12 13:04	1

Client Sample Results

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

TestAmerica Job ID: 240-16595-1

Client Sample ID: DUP-04

Lab Sample ID: 240-16595-5

Date Collected: 10/18/12 00:00
Date Received: 10/18/12 17:30

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:04	1
Phenol	**1.9**		1.0	0.60	ug/L		10/25/12 10:35	10/29/12 13:04	1
Pyrene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 13:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.28	ug/L		10/25/12 10:35	10/29/12 13:04	1
2,4,5-Trichlorophenol	ND		5.0	0.30	ug/L		10/25/12 10:35	10/29/12 13:04	1
2,4,6-Trichlorophenol	ND		5.0	0.80	ug/L		10/25/12 10:35	10/29/12 13:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*59*		*20 - 110*	*10/25/12 10:35*	*10/29/12 13:04*	*1*
2-Fluorophenol (Surr)	*60*		*10 - 110*	*10/25/12 10:35*	*10/29/12 13:04*	*1*
Nitrobenzene-d5 (Surr)	*63*		*21 - 110*	*10/25/12 10:35*	*10/29/12 13:04*	*1*
Phenol-d5 (Surr)	*63*		*21 - 110*	*10/25/12 10:35*	*10/29/12 13:04*	*1*
Terphenyl-d14 (Surr)	*74*		*24 - 110*	*10/25/12 10:35*	*10/29/12 13:04*	*1*
2,4,6-Tribromophenol (Surr)	*65*		*21 - 110*	*10/25/12 10:35*	*10/29/12 13:04*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		0.52	0.18	ug/L		10/24/12 11:35	10/25/12 09:19	1
Aroclor 1221	ND		0.52	0.13	ug/L		10/24/12 11:35	10/25/12 09:19	1
Aroclor 1232	ND		0.52	0.16	ug/L		10/24/12 11:35	10/25/12 09:19	1
Aroclor 1242	ND		0.52	0.23	ug/L		10/24/12 11:35	10/25/12 09:19	1
Aroclor 1248	ND		0.52	0.10	ug/L		10/24/12 11:35	10/25/12 09:19	1
Aroclor 1254	ND		0.52	0.16	ug/L		10/24/12 11:35	10/25/12 09:19	1
Aroclor 1260	ND		0.52	0.18	ug/L		10/24/12 11:35	10/25/12 09:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*81*		*35 - 137*	*10/24/12 11:35*	*10/25/12 09:19*	*1*
DCB Decachlorobiphenyl	*54*		*10 - 140*	*10/24/12 11:35*	*10/25/12 09:19*	*1*

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		5.0	2.2	ug/L		10/23/12 08:58	10/24/12 22:10	1
Arsenic	**3.2**	**J**	10	3.2	ug/L		10/23/12 08:58	10/24/12 22:10	1
Barium	**93**	**J B**	200	0.67	ug/L		10/23/12 08:58	10/24/12 22:10	1
Cadmium	ND		2.0	0.66	ug/L		10/23/12 08:58	10/24/12 22:10	1
Chromium	**6.6**		5.0	2.2	ug/L		10/23/12 08:58	10/24/12 22:10	1
Lead	**1.9**	**J**	3.0	1.9	ug/L		10/23/12 08:58	10/24/12 22:10	1
Selenium	ND		5.0	4.1	ug/L		10/23/12 08:58	10/24/12 22:10	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		10/22/12 15:20	10/23/12 16:32	1

Client Sample Results

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

TestAmerica Job ID: 240-16595-1

Client Sample ID: TB-13/101812

Lab Sample ID: 240-16595-6

Date Collected: 10/18/12 00:00
Date Received: 10/18/12 17:30

Matrix: WQ

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	1.1	ug/L			10/25/12 18:41	1
Benzene	ND		1.0	0.13	ug/L			10/25/12 18:41	1
Bromodichloromethane	ND		1.0	0.15	ug/L			10/25/12 18:41	1
Bromoform	ND		1.0	0.64	ug/L			10/25/12 18:41	1
Bromomethane	ND		1.0	0.41	ug/L			10/25/12 18:41	1
2-Butanone (MEK)	ND		10	0.57	ug/L			10/25/12 18:41	1
Carbon disulfide	ND		1.0	0.13	ug/L			10/25/12 18:41	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			10/25/12 18:41	1
Chlorobenzene	ND		1.0	0.15	ug/L			10/25/12 18:41	1
Chloroethane	ND		1.0	0.29	ug/L			10/25/12 18:41	1
Chloroform	ND		1.0	0.16	ug/L			10/25/12 18:41	1
Chloromethane	ND		1.0	0.30	ug/L			10/25/12 18:41	1
cis-1,2-Dichloroethene	ND		1.0	0.17	ug/L			10/25/12 18:41	1
cis-1,3-Dichloropropene	ND		1.0	0.14	ug/L			10/25/12 18:41	1
Dibromochloromethane	ND		1.0	0.18	ug/L			10/25/12 18:41	1
1,1-Dichloroethane	ND		1.0	0.15	ug/L			10/25/12 18:41	1
1,2-Dichloroethane	ND		1.0	0.22	ug/L			10/25/12 18:41	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			10/25/12 18:41	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			10/25/12 18:41	1
Ethylbenzene	ND		1.0	0.17	ug/L			10/25/12 18:41	1
2-Hexanone	ND		10	0.41	ug/L			10/25/12 18:41	1
Methylene Chloride	ND	*	1.0	0.33	ug/L			10/25/12 18:41	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.32	ug/L			10/25/12 18:41	1
Styrene	ND		1.0	0.11	ug/L			10/25/12 18:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			10/25/12 18:41	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/25/12 18:41	1
Toluene	ND		1.0	0.13	ug/L			10/25/12 18:41	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			10/25/12 18:41	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			10/25/12 18:41	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			10/25/12 18:41	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			10/25/12 18:41	1
Trichloroethene	ND		1.0	0.17	ug/L			10/25/12 18:41	1
Vinyl chloride	ND		1.0	0.22	ug/L			10/25/12 18:41	1
Xylenes, Total	ND		2.0	0.28	ug/L			10/25/12 18:41	1
Methyl tert-butyl ether	ND		5.0	0.17	ug/L			10/25/12 18:41	1
n-Hexane	ND		1.0	0.26	ug/L			10/25/12 18:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*77*		*66 - 117*		*10/25/12 18:41*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 121*		*10/25/12 18:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*63 - 129*		*10/25/12 18:41*	*1*
Toluene-d8 (Surr)	*97*		*74 - 115*		*10/25/12 18:41*	*1*

Client Sample Results

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

TestAmerica Job ID: 240-16595-1

Client Sample ID: IDW-01

Date Collected: 10/18/12 16:00
Date Received: 10/18/12 17:30

Lab Sample ID: 240-16595-7

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.025	0.0095	mg/L			10/27/12 00:21	1
1,2-Dichloroethane	ND		0.025	0.011	mg/L			10/27/12 00:21	1
2-Butanone (MEK)	ND		0.25	0.029	mg/L			10/27/12 00:21	1
Benzene	ND		0.025	0.0065	mg/L			10/27/12 00:21	1
Carbon tetrachloride	ND	*	0.025	0.0065	mg/L			10/27/12 00:21	1
Chlorobenzene	ND		0.025	0.0075	mg/L			10/27/12 00:21	1
Chloroform	ND		0.025	0.0080	mg/L			10/27/12 00:21	1
Tetrachloroethene	ND		0.025	0.015	mg/L			10/27/12 00:21	1
Trichloroethene	ND		0.025	0.0085	mg/L			10/27/12 00:21	1
Vinyl chloride	ND		0.025	0.011	mg/L			10/27/12 00:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 121*		*10/27/12 00:21*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 124*		*10/27/12 00:21*	*1*
Toluene-d8 (Surr)	*103*		*90 - 115*		*10/27/12 00:21*	*1*
Dibromofluoromethane (Surr)	*102*		*84 - 128*		*10/27/12 00:21*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.0040	0.00034	mg/L		10/24/12 12:13	10/30/12 13:24	1
2,4,5-Trichlorophenol	ND		0.020	0.00030	mg/L		10/24/12 12:13	10/30/12 13:24	1
2,4,6-Trichlorophenol	ND		0.020	0.00080	mg/L		10/24/12 12:13	10/30/12 13:24	1
2,4-Dinitrotoluene	ND		0.020	0.00027	mg/L		10/24/12 12:13	10/30/12 13:24	1
Hexachlorobenzene	ND		0.020	0.00010	mg/L		10/24/12 12:13	10/30/12 13:24	1
Hexachlorobutadiene	ND		0.020	0.00027	mg/L		10/24/12 12:13	10/30/12 13:24	1
Hexachloroethane	ND		0.020	0.00080	mg/L		10/24/12 12:13	10/30/12 13:24	1
3 & 4 Methylphenol	ND		0.040	0.00075	mg/L		10/24/12 12:13	10/30/12 13:24	1
2-Methylphenol	ND		0.0040	0.00080	mg/L		10/24/12 12:13	10/30/12 13:24	1
Nitrobenzene	ND		0.0040	0.000040	mg/L		10/24/12 12:13	10/30/12 13:24	1
Pentachlorophenol	ND		0.040	0.0024	mg/L		10/24/12 12:13	10/30/12 13:24	1
Pyridine	ND		0.020	0.00035	mg/L		10/24/12 12:13	10/30/12 13:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*65*		*30 - 110*	*10/24/12 12:13*	*10/30/12 13:24*	*1*
2-Fluorophenol (Surr)	*66*		*20 - 110*	*10/24/12 12:13*	*10/30/12 13:24*	*1*
2,4,6-Tribromophenol (Surr)	*76*		*23 - 110*	*10/24/12 12:13*	*10/30/12 13:24*	*1*
Nitrobenzene-d5 (Surr)	*68*		*28 - 110*	*10/24/12 12:13*	*10/30/12 13:24*	*1*
Phenol-d5 (Surr)	*57*		*21 - 110*	*10/24/12 12:13*	*10/30/12 13:24*	*1*
Terphenyl-d14 (Surr)	*77*		*48 - 110*	*10/24/12 12:13*	*10/30/12 13:24*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		37	24	ug/Kg	☼	10/23/12 12:42	10/25/12 15:55	1
Arochlor 1221	ND		37	18	ug/Kg	☼	10/23/12 12:42	10/25/12 15:55	1
Aroclor 1232	ND		37	16	ug/Kg	☼	10/23/12 12:42	10/25/12 15:55	1
Aroclor 1242	ND		37	15	ug/Kg	☼	10/23/12 12:42	10/25/12 15:55	1
Aroclor 1248	ND		37	19	ug/Kg	☼	10/23/12 12:42	10/25/12 15:55	1
Aroclor 1254	ND		37	19	ug/Kg	☼	10/23/12 12:42	10/25/12 15:55	1
Aroclor 1260	ND		37	19	ug/Kg	☼	10/23/12 12:42	10/25/12 15:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*74*		*29 - 151*	*10/23/12 12:42*	*10/25/12 15:55*	*1*

Client Sample Results

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

TestAmerica Job ID: 240-16595-1

Client Sample ID: IDW-01
Date Collected: 10/18/12 16:00
Date Received: 10/18/12 17:30

Lab Sample ID: 240-16595-7
Matrix: Solid
Percent Solids: 88.6

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*86*		*14 - 163*	*10/23/12 12:42*	*10/25/12 15:55*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0043**	**J**	0.50	0.0032	mg/L		10/24/12 13:10	10/25/12 23:49	1
Barium	**1.1**	**J B**	10	0.00067	mg/L		10/24/12 13:10	10/25/12 23:49	1
Cadmium	**0.0011**	**J**	0.10	0.00066	mg/L		10/24/12 13:10	10/25/12 23:49	1
Chromium	**0.0039**	**J**	0.50	0.0022	mg/L		10/24/12 13:10	10/25/12 23:49	1
Lead	**0.0033**	**J B**	0.50	0.0019	mg/L		10/24/12 13:10	10/25/12 23:49	1
Selenium	ND		0.25	0.0041	mg/L		10/24/12 13:10	10/25/12 23:49	1
Silver	ND		0.50	0.0022	mg/L		10/24/12 13:10	10/25/12 23:49	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0020	0.00012	mg/L		10/24/12 15:10	10/25/12 14:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>180**		1.00	1.00	Degrees F			10/26/12 13:59	1
Cyanide, Total	ND		0.55	0.11	mg/Kg	☼	10/24/12 10:45	10/24/12 12:15	1
Sulfide	ND		34	25	mg/Kg	☼	10/24/12 08:18	10/24/12 13:16	1

Surrogate Summary

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

TestAmerica Job ID: 240-16595-1

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	(70-124)	(84-128)	(80-121)	(90-115)
LCS 240-62977/22	Lab Control Sample	104	102	105	108

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: Solid — **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(80-121)	(70-124)	(90-115)	(84-128)
240-16595-7	IDW-01	100	98	103	102
240-16595-7 MS	IDW-01	103	105	106	102
240-16595-7 MSD	IDW-01	98	106	107	102
LB 240-62482/1-A MB	Method Blank	102	98	103	103

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: 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)
240-16595-1	IA08-MW07	75	87	91	95
240-16595-1 MS	IA08-MW07	89	90	96	101
240-16595-1 MSD	IA08-MW07	85	88	95	102
240-16595-2	IA08-MW06	79	90	92	96
240-16595-3	IA08-MW08	79	88	94	96
240-16595-5	DUP-04	82	90	99	96
LCS 240-62739/4	Lab Control Sample	88	90	98	96
LCS 240-63031/4	Lab Control Sample	90	89	96	102
MB 240-62739/5	Method Blank	80	90	91	97
MB 240-63031/5	Method Blank	76	89	91	98

Surrogate Legend

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

Surrogate Summary

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

TestAmerica Job ID: 240-16595-1

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

Matrix: WQ — **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)
240-16595-4	RIN-04	77	89	91	96
240-16595-6	TB-13/101812	77	92	95	97

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: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	NBZ	PHL	TPH	TBP
Lab Sample ID	Client Sample ID	(30-110)	(20-110)	(28-110)	(21-110)	(48-110)	(23-110)
LCS 240-62586/5-A	Lab Control Sample	79	87	83	79	90	87
MB 240-62586/4-A	Method Blank	75	86	77	78	84	78

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

Matrix: Solid — **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	TBP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(30-110)	(20-110)	(23-110)	(28-110)	(21-110)	(48-110)
240-16595-7	IDW-01	65	66	76	68	57	77
240-16595-7 MS	IDW-01	71	77	77	75	69	79

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPH = Terphenyl-d14 (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)
240-16595-1	IA08-MW07	58	57	60	61	74	64
240-16595-1 MS	IA08-MW07	81	81	88	85	87	85
240-16595-1 MSD	IA08-MW07	63	55	68	55	74	70

Surrogate Summary

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

TestAmerica Job ID: 240-16595-1

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

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)
240-16595-2	IA08-MW06	62	63	68	65	66	62
240-16595-3	IA08-MW08	67	71	73	72	71	67
240-16595-5	DUP-04	59	60	63	63	74	65
LCS 240-62729/24-A	Lab Control Sample	76	79	82	82	82	74
MB 240-62729/23-A	Method Blank	77	78	81	79	87	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: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: WQ — **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)
240-16595-4	RIN-04	56	57	61	60	73	55

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: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

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

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCB2
Lab Sample ID	Client Sample ID	(29-151)	(14-163)
240-16595-7	IDW-01	74	86
LCS 240-62436/17-A	Lab Control Sample	69	79
MB 240-62436/16-A	Method Blank	90	67

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCB2
Lab Sample ID	Client Sample ID	(35-137)	(10-140)
240-16595-1	IA08-MW07	76	43
240-16595-1 MS	IA08-MW07	83	57

Surrogate Summary

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

TestAmerica Job ID: 240-16595-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCB2
Lab Sample ID	**Client Sample ID**	**(35-137)**	**(10-140)**
240-16595-1 MSD	IA08-MW07	80	41
240-16595-2	IA08-MW06	72	13
240-16595-3	IA08-MW08	75	32
240-16595-5	DUP-04	81	54
LCS 240-62569/21-A	Lab Control Sample	82	69
MB 240-62569/20-A	Method Blank	82	78

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

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

Matrix: WQ **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCB2
Lab Sample ID	**Client Sample ID**	**(35-137)**	**(10-140)**
240-16595-4	RIN-04	79	67

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

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

Lab Sample ID: MB 240-62739/5
Matrix: Water
Analysis Batch: 62739

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			10/25/12 14:15	1
Bromodichloromethane	ND		1.0	0.15	ug/L			10/25/12 14:15	1
Bromoform	ND		1.0	0.64	ug/L			10/25/12 14:15	1
Bromomethane	ND		1.0	0.41	ug/L			10/25/12 14:15	1
2-Butanone (MEK)	ND		10	0.57	ug/L			10/25/12 14:15	1
Benzene	ND		1.0	0.13	ug/L			10/25/12 14:15	1
Carbon disulfide	ND		1.0	0.13	ug/L			10/25/12 14:15	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			10/25/12 14:15	1
Chlorobenzene	ND		1.0	0.15	ug/L			10/25/12 14:15	1
Chloroethane	ND		1.0	0.29	ug/L			10/25/12 14:15	1
Chloroform	ND		1.0	0.16	ug/L			10/25/12 14:15	1
Chloromethane	ND		1.0	0.30	ug/L			10/25/12 14:15	1
cis-1,2-Dichloroethene	ND		1.0	0.17	ug/L			10/25/12 14:15	1
cis-1,3-Dichloropropene	ND		1.0	0.14	ug/L			10/25/12 14:15	1
Dibromochloromethane	ND		1.0	0.18	ug/L			10/25/12 14:15	1
1,1-Dichloroethane	ND		1.0	0.15	ug/L			10/25/12 14:15	1
1,2-Dichloroethane	ND		1.0	0.22	ug/L			10/25/12 14:15	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			10/25/12 14:15	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			10/25/12 14:15	1
Ethylbenzene	ND		1.0	0.17	ug/L			10/25/12 14:15	1
2-Hexanone	ND		10	0.41	ug/L			10/25/12 14:15	1
Methylene Chloride	3.91		1.0	0.33	ug/L			10/25/12 14:15	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.32	ug/L			10/25/12 14:15	1
Styrene	ND		1.0	0.11	ug/L			10/25/12 14:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			10/25/12 14:15	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/25/12 14:15	1
Toluene	ND		1.0	0.13	ug/L			10/25/12 14:15	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			10/25/12 14:15	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			10/25/12 14:15	1
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			10/25/12 14:15	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			10/25/12 14:15	1
Trichloroethene	ND		1.0	0.17	ug/L			10/25/12 14:15	1
Vinyl chloride	ND		1.0	0.22	ug/L			10/25/12 14:15	1
Xylenes, Total	ND		2.0	0.28	ug/L			10/25/12 14:15	1
Methyl tert-butyl ether	ND		5.0	0.17	ug/L			10/25/12 14:15	1
n-Hexane	ND		1.0	0.26	ug/L			10/25/12 14:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*66 - 117*		*10/25/12 14:15*	*1*
Dibromofluoromethane (Surr)	*90*		*75 - 121*		*10/25/12 14:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*63 - 129*		*10/25/12 14:15*	*1*
Toluene-d8 (Surr)	*97*		*74 - 115*		*10/25/12 14:15*	*1*

Lab Sample ID: LCS 240-62739/4
Matrix: Water
Analysis Batch: 62739

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	18.7		ug/L		94	43 - 136

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

Lab Sample ID: LCS 240-62739/4
Matrix: Water
Analysis Batch: 62739

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromodichloromethane	10.0	9.57		ug/L		96	72 - 121
Bromoform	10.0	6.91		ug/L		69	40 - 131
Bromomethane	10.0	6.85		ug/L		69	11 - 185
2-Butanone (MEK)	20.0	20.6		ug/L		103	60 - 126
Benzene	10.0	10.2		ug/L		102	83 - 112
Carbon disulfide	10.0	9.06		ug/L		91	62 - 142
Carbon tetrachloride	10.0	9.01		ug/L		90	66 - 128
Chlorobenzene	10.0	9.65		ug/L		97	85 - 110
Chloroethane	10.0	7.18		ug/L		72	25 - 153
Chloroform	10.0	9.43		ug/L		94	79 - 117
Chloromethane	10.0	9.56		ug/L		96	44 - 126
cis-1,2-Dichloroethene	10.0	9.82		ug/L		98	80 - 113
cis-1,3-Dichloropropene	10.0	10.1		ug/L		101	61 - 115
Dibromochloromethane	10.0	8.50		ug/L		85	64 - 119
1,1-Dichloroethane	10.0	10.3		ug/L		103	82 - 115
1,2-Dichloroethane	10.0	10.3		ug/L		103	71 - 127
1,1-Dichloroethene	10.0	10.1		ug/L		101	78 - 131
1,2-Dichloropropane	10.0	11.1		ug/L		111	81 - 115
Ethylbenzene	10.0	9.79		ug/L		98	83 - 112
2-Hexanone	20.0	19.9		ug/L		99	55 - 133
Methylene Chloride	10.0	14.2	*	ug/L		142	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	22.7		ug/L		113	63 - 128
Styrene	10.0	9.37		ug/L		94	79 - 114
1,1,2,2-Tetrachloroethane	10.0	9.72		ug/L		97	68 - 118
Tetrachloroethene	10.0	9.29		ug/L		93	79 - 114
Toluene	10.0	9.94		ug/L		99	84 - 111
trans-1,2-Dichloroethene	10.0	9.82		ug/L		98	83 - 117
trans-1,3-Dichloropropene	10.0	9.63		ug/L		96	58 - 117
1,1,1-Trichloroethane	10.0	9.27		ug/L		93	74 - 118
1,1,2-Trichloroethane	10.0	10.5		ug/L		105	80 - 112
Trichloroethene	10.0	9.94		ug/L		99	76 - 117
Vinyl chloride	10.0	9.62		ug/L		96	53 - 127
Xylenes, Total	30.0	29.3		ug/L		98	83 - 112
Methyl tert-butyl ether	10.0	9.90		ug/L		99	52 - 144
n-Hexane	10.0	10.6		ug/L		106	66 - 137

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*88*		*66 - 117*
Dibromofluoromethane (Surr)	*90*		*75 - 121*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 129*
Toluene-d8 (Surr)	*96*		*74 - 115*

Lab Sample ID: LCS 240-62977/22
Matrix: Solid
Analysis Batch: 62977

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Butanone (MEK)	2.00	2.10		mg/L		105	49 - 120
Benzene	1.00	1.06		mg/L		106	84 - 120

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

Lab Sample ID: LCS 240-62977/22
Matrix: Solid
Analysis Batch: 62977

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	1.00	1.26	*	mg/L		126	54 - 122
Chlorobenzene	1.00	0.985		mg/L		98	88 - 111
Chloroform	1.00	0.962		mg/L		96	87 - 123
1,2-Dichloroethane	1.00	0.980		mg/L		98	81 - 114
1,1-Dichloroethene	1.00	1.13		mg/L		113	71 - 133
Tetrachloroethene	1.00	0.873		mg/L		87	79 - 134
Trichloroethene	1.00	0.985		mg/L		98	78 - 130
Vinyl chloride	1.00	1.07		mg/L		107	56 - 111

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 124*
Dibromofluoromethane (Surr)	*102*		*84 - 128*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 121*
Toluene-d8 (Surr)	*108*		*90 - 115*

Lab Sample ID: MB 240-63031/5
Matrix: Water
Analysis Batch: 63031

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			10/28/12 12:55	1
Bromodichloromethane	ND		1.0	0.15	ug/L			10/28/12 12:55	1
Bromoform	ND		1.0	0.64	ug/L			10/28/12 12:55	1
Bromomethane	ND		1.0	0.41	ug/L			10/28/12 12:55	1
2-Butanone (MEK)	ND		10	0.57	ug/L			10/28/12 12:55	1
Benzene	ND		1.0	0.13	ug/L			10/28/12 12:55	1
Carbon disulfide	ND		1.0	0.13	ug/L			10/28/12 12:55	1
Carbon tetrachloride	ND		1.0	0.13	ug/L			10/28/12 12:55	1
Chlorobenzene	ND		1.0	0.15	ug/L			10/28/12 12:55	1
Chloroethane	ND		1.0	0.29	ug/L			10/28/12 12:55	1
Chloroform	ND		1.0	0.16	ug/L			10/28/12 12:55	1
Chloromethane	ND		1.0	0.30	ug/L			10/28/12 12:55	1
cis-1,2-Dichloroethene	ND		1.0	0.17	ug/L			10/28/12 12:55	1
cis-1,3-Dichloropropene	ND		1.0	0.14	ug/L			10/28/12 12:55	1
Dibromochloromethane	ND		1.0	0.18	ug/L			10/28/12 12:55	1
1,1-Dichloroethane	ND		1.0	0.15	ug/L			10/28/12 12:55	1
1,2-Dichloroethane	ND		1.0	0.22	ug/L			10/28/12 12:55	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			10/28/12 12:55	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			10/28/12 12:55	1
Ethylbenzene	ND		1.0	0.17	ug/L			10/28/12 12:55	1
2-Hexanone	ND		10	0.41	ug/L			10/28/12 12:55	1
Methylene Chloride	0.435	J	1.0	0.33	ug/L			10/28/12 12:55	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.32	ug/L			10/28/12 12:55	1
Styrene	ND		1.0	0.11	ug/L			10/28/12 12:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.18	ug/L			10/28/12 12:55	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/28/12 12:55	1
Toluene	ND		1.0	0.13	ug/L			10/28/12 12:55	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			10/28/12 12:55	1
trans-1,3-Dichloropropene	ND		1.0	0.19	ug/L			10/28/12 12:55	1

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

Lab Sample ID: MB 240-63031/5
Matrix: Water
Analysis Batch: 63031

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.22	ug/L			10/28/12 12:55	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			10/28/12 12:55	1
Trichloroethene	ND		1.0	0.17	ug/L			10/28/12 12:55	1
Vinyl chloride	ND		1.0	0.22	ug/L			10/28/12 12:55	1
Xylenes, Total	ND		2.0	0.28	ug/L			10/28/12 12:55	1
Methyl tert-butyl ether	ND		5.0	0.17	ug/L			10/28/12 12:55	1
n-Hexane	ND		1.0	0.26	ug/L			10/28/12 12:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*66 - 117*		*10/28/12 12:55*	*1*
Dibromofluoromethane (Surr)	*89*		*75 - 121*		*10/28/12 12:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*63 - 129*		*10/28/12 12:55*	*1*
Toluene-d8 (Surr)	*98*		*74 - 115*		*10/28/12 12:55*	*1*

Lab Sample ID: LCS 240-63031/4
Matrix: Water
Analysis Batch: 63031

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	17.2		ug/L		86	43 - 136
Bromodichloromethane	10.0	9.83		ug/L		98	72 - 121
Bromoform	10.0	7.42		ug/L		74	40 - 131
Bromomethane	10.0	7.42		ug/L		74	11 - 185
2-Butanone (MEK)	20.0	18.3		ug/L		92	60 - 126
Benzene	10.0	10.0		ug/L		100	83 - 112
Carbon disulfide	10.0	9.04		ug/L		90	62 - 142
Carbon tetrachloride	10.0	9.68		ug/L		97	66 - 128
Chlorobenzene	10.0	9.97		ug/L		100	85 - 110
Chloroethane	10.0	7.02		ug/L		70	25 - 153
Chloroform	10.0	9.34		ug/L		93	79 - 117
Chloromethane	10.0	9.93		ug/L		99	44 - 126
cis-1,2-Dichloroethene	10.0	9.42		ug/L		94	80 - 113
cis-1,3-Dichloropropene	10.0	9.67		ug/L		97	61 - 115
Dibromochloromethane	10.0	9.06		ug/L		91	64 - 119
1,1-Dichloroethane	10.0	10.2		ug/L		102	82 - 115
1,2-Dichloroethane	10.0	10.2		ug/L		102	71 - 127
1,1-Dichloroethene	10.0	10.0		ug/L		100	78 - 131
1,2-Dichloropropane	10.0	10.8		ug/L		108	81 - 115
Ethylbenzene	10.0	9.97		ug/L		100	83 - 112
2-Hexanone	20.0	18.8		ug/L		94	55 - 133
Methylene Chloride	10.0	10.6		ug/L		106	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	20.4		ug/L		102	63 - 128
Styrene	10.0	9.62		ug/L		96	79 - 114
1,1,2,2-Tetrachloroethane	10.0	9.70		ug/L		97	68 - 118
Tetrachloroethene	10.0	9.72		ug/L		97	79 - 114
Toluene	10.0	10.4		ug/L		104	84 - 111
trans-1,2-Dichloroethene	10.0	9.74		ug/L		97	83 - 117
trans-1,3-Dichloropropene	10.0	10.1		ug/L		101	58 - 117
1,1,1-Trichloroethane	10.0	9.61		ug/L		96	74 - 118

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

Lab Sample ID: LCS 240-63031/4
Matrix: Water
Analysis Batch: 63031

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	10.0	10.8		ug/L		108	80 - 112
Trichloroethene	10.0	9.55		ug/L		96	76 - 117
Vinyl chloride	10.0	9.57		ug/L		96	53 - 127
Xylenes, Total	30.0	29.8		ug/L		99	83 - 112
Methyl tert-butyl ether	10.0	9.30		ug/L		93	52 - 144
n-Hexane	10.0	10.1		ug/L		101	66 - 137

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*66 - 117*
Dibromofluoromethane (Surr)	*89*		*75 - 121*
1,2-Dichloroethane-d4 (Surr)	*96*		*63 - 129*
Toluene-d8 (Surr)	*102*		*74 - 115*

Lab Sample ID: 240-16595-1 MS
Matrix: Water
Analysis Batch: 63031

Client Sample ID: IA08-MW07
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	ND		20.0	18.3		ug/L		91	33 - 145
Benzene	ND		10.0	10.1		ug/L		101	72 - 121
Bromodichloromethane	0.72	J	10.0	10.6		ug/L		99	67 - 120
Bromoform	ND		10.0	7.81		ug/L		78	32 - 128
Bromomethane	ND		10.0	7.62		ug/L		76	10 - 186
2-Butanone (MEK)	ND		20.0	18.6		ug/L		93	54 - 129
Carbon disulfide	ND		10.0	9.35		ug/L		94	57 - 147
Carbon tetrachloride	ND		10.0	9.87		ug/L		99	59 - 129
Chlorobenzene	ND		10.0	9.85		ug/L		99	80 - 110
Chloroethane	ND		10.0	7.11		ug/L		71	21 - 165
Chloroform	0.73	J	10.0	10.1		ug/L		94	76 - 118
Chloromethane	ND		10.0	10.3		ug/L		103	33 - 132
cis-1,2-Dichloroethene	ND		10.0	9.42		ug/L		94	70 - 120
cis-1,3-Dichloropropene	ND		10.0	9.53		ug/L		95	51 - 110
Dibromochloromethane	0.80	J	10.0	10.2		ug/L		94	56 - 118
1,1-Dichloroethane	ND		10.0	10.1		ug/L		101	79 - 116
1,2-Dichloroethane	ND		10.0	10.0		ug/L		100	68 - 129
1,1-Dichloroethene	ND		10.0	10.3		ug/L		103	74 - 135
1,2-Dichloropropane	ND		10.0	10.7		ug/L		107	78 - 115
Ethylbenzene	ND		10.0	9.89		ug/L		99	75 - 116
2-Hexanone	ND		20.0	18.4		ug/L		92	47 - 139
Methylene Chloride	ND		10.0	10.3		ug/L		103	63 - 128
4-Methyl-2-pentanone (MIBK)	ND		20.0	20.8		ug/L		104	56 - 131
Styrene	ND		10.0	9.57		ug/L		96	71 - 117
1,1,2,2-Tetrachloroethane	ND		10.0	9.61		ug/L		96	63 - 122
Tetrachloroethene	ND		10.0	9.73		ug/L		97	70 - 117
Toluene	ND		10.0	10.3		ug/L		103	78 - 114
trans-1,2-Dichloroethene	ND		10.0	9.66		ug/L		97	80 - 119
trans-1,3-Dichloropropene	ND		10.0	10.0		ug/L		100	46 - 116
1,1,1-Trichloroethane	ND		10.0	9.85		ug/L		98	68 - 121
1,1,2-Trichloroethane	ND		10.0	10.8		ug/L		108	75 - 115

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

Lab Sample ID: 240-16595-1 MS — **Client Sample ID: IA08-MW07**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 63031

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	0.29	J	10.0	9.72		ug/L		94	66 - 120
Vinyl chloride	ND		10.0	9.55		ug/L		96	49 - 130
Xylenes, Total	ND		30.0	29.7		ug/L		99	76 - 116
Methyl tert-butyl ether	ND		10.0	9.27		ug/L		93	46 - 144
n-Hexane	ND		10.0	10.3		ug/L		103	54 - 138

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*66 - 117*
Dibromofluoromethane (Surr)	*90*		*75 - 121*
1,2-Dichloroethane-d4 (Surr)	*96*		*63 - 129*
Toluene-d8 (Surr)	*101*		*74 - 115*

Lab Sample ID: 240-16595-1 MSD — **Client Sample ID: IA08-MW07**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 63031

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	ND		20.0	17.3		ug/L		87	33 - 145	6	30
Benzene	ND		10.0	10.2		ug/L		102	72 - 121	1	30
Bromodichloromethane	0.72	J	10.0	10.5		ug/L		98	67 - 120	1	30
Bromoform	ND		10.0	7.67		ug/L		77	32 - 128	2	30
Bromomethane	ND		10.0	7.05		ug/L		71	10 - 186	8	30
2-Butanone (MEK)	ND		20.0	17.3		ug/L		87	54 - 129	7	30
Carbon disulfide	ND		10.0	9.48		ug/L		95	57 - 147	1	30
Carbon tetrachloride	ND		10.0	10.1		ug/L		101	59 - 129	2	30
Chlorobenzene	ND		10.0	10.0		ug/L		100	80 - 110	2	30
Chloroethane	ND		10.0	6.88		ug/L		69	21 - 165	3	30
Chloroform	0.73	J	10.0	10.3		ug/L		95	76 - 118	2	30
Chloromethane	ND		10.0	10.5		ug/L		105	33 - 132	1	30
cis-1,2-Dichloroethene	ND		10.0	9.60		ug/L		96	70 - 120	2	30
cis-1,3-Dichloropropene	ND		10.0	9.53		ug/L		95	51 - 110	0	30
Dibromochloromethane	0.80	J	10.0	10.2		ug/L		94	56 - 118	0	30
1,1-Dichloroethane	ND		10.0	10.3		ug/L		103	79 - 116	2	30
1,2-Dichloroethane	ND		10.0	10.1		ug/L		101	68 - 129	1	30
1,1-Dichloroethene	ND		10.0	10.4		ug/L		104	74 - 135	1	30
1,2-Dichloropropane	ND		10.0	10.8		ug/L		108	78 - 115	1	30
Ethylbenzene	ND		10.0	9.85		ug/L		98	75 - 116	0	30
2-Hexanone	ND		20.0	18.3		ug/L		91	47 - 139	1	30
Methylene Chloride	ND		10.0	10.0		ug/L		100	63 - 128	3	30
4-Methyl-2-pentanone (MIBK)	ND		20.0	20.8		ug/L		104	56 - 131	0	30
Styrene	ND		10.0	9.62		ug/L		96	71 - 117	0	30
1,1,2,2-Tetrachloroethane	ND		10.0	9.96		ug/L		100	63 - 122	4	30
Tetrachloroethene	ND		10.0	9.98		ug/L		100	70 - 117	3	30
Toluene	ND		10.0	10.6		ug/L		106	78 - 114	3	30
trans-1,2-Dichloroethene	ND		10.0	9.95		ug/L		100	80 - 119	3	30
trans-1,3-Dichloropropene	ND		10.0	10.0		ug/L		100	46 - 116	0	30
1,1,1-Trichloroethane	ND		10.0	9.91		ug/L		99	68 - 121	1	30
1,1,2-Trichloroethane	ND		10.0	10.9		ug/L		109	75 - 115	1	30
Trichloroethene	0.29	J	10.0	9.93		ug/L		96	66 - 120	2	30

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

Lab Sample ID: 240-16595-1 MSD — **Client Sample ID: IA08-MW07**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 63031

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Vinyl chloride	ND		10.0	9.79		ug/L		98	49 - 130	2	30
Xylenes, Total	ND		30.0	29.9		ug/L		100	76 - 116	1	30
Methyl tert-butyl ether	ND		10.0	9.35		ug/L		93	46 - 144	1	30
n-Hexane	ND		10.0	10.7		ug/L		107	54 - 138	4	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*85*		*66 - 117*
Dibromofluoromethane (Surr)	*88*		*75 - 121*
1,2-Dichloroethane-d4 (Surr)	*95*		*63 - 129*
Toluene-d8 (Surr)	*102*		*74 - 115*

Lab Sample ID: LB 240-62482/1-A MB — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 62977

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	ND		0.25	0.029	mg/L			10/26/12 23:57	1
Benzene	ND		0.025	0.0065	mg/L			10/26/12 23:57	1
Carbon tetrachloride	ND		0.025	0.0065	mg/L			10/26/12 23:57	1
Chlorobenzene	ND		0.025	0.0075	mg/L			10/26/12 23:57	1
Chloroform	ND		0.025	0.0080	mg/L			10/26/12 23:57	1
1,2-Dichloroethane	ND		0.025	0.011	mg/L			10/26/12 23:57	1
1,1-Dichloroethene	ND		0.025	0.0095	mg/L			10/26/12 23:57	1
Tetrachloroethene	ND		0.025	0.015	mg/L			10/26/12 23:57	1
Trichloroethene	ND		0.025	0.0085	mg/L			10/26/12 23:57	1
Vinyl chloride	ND		0.025	0.011	mg/L			10/26/12 23:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 124*		*10/26/12 23:57*	*1*
Dibromofluoromethane (Surr)	*103*		*84 - 128*		*10/26/12 23:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 121*		*10/26/12 23:57*	*1*
Toluene-d8 (Surr)	*103*		*90 - 115*		*10/26/12 23:57*	*1*

Lab Sample ID: 240-16595-7 MS — **Client Sample ID: IDW-01**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 62977

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Butanone (MEK)	ND		2.00	2.04		mg/L		102	49 - 117
Benzene	ND		1.00	1.02		mg/L		102	85 - 119
Carbon tetrachloride	ND	*	1.00	1.20	F	mg/L		120	60 - 110
Chlorobenzene	ND		1.00	0.934		mg/L		93	85 - 113
Chloroform	ND		1.00	0.930		mg/L		93	86 - 124
1,2-Dichloroethane	ND		1.00	0.948		mg/L		95	80 - 115
1,1-Dichloroethene	ND		1.00	1.08		mg/L		108	67 - 139
Tetrachloroethene	ND		1.00	0.820		mg/L		82	74 - 138
Trichloroethene	ND		1.00	0.925		mg/L		93	75 - 134
Vinyl chloride	ND		1.00	1.01		mg/L		101	51 - 118

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

Lab Sample ID: 240-16595-7 MS
Matrix: Solid
Analysis Batch: 62977

Client Sample ID: IDW-01
Prep Type: TCLP

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 124
Dibromofluoromethane (Surr)	102		84 - 128
1,2-Dichloroethane-d4 (Surr)	103		80 - 121
Toluene-d8 (Surr)	106		90 - 115

Lab Sample ID: 240-16595-7 MSD
Matrix: Solid
Analysis Batch: 62977

Client Sample ID: IDW-01
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Butanone (MEK)	ND		2.00	2.13		mg/L		107	49 - 117	4	30
Benzene	ND		1.00	1.06		mg/L		106	85 - 119	3	30
Carbon tetrachloride	ND	*	1.00	1.27	F	mg/L		127	60 - 110	6	30
Chlorobenzene	ND		1.00	0.941		mg/L		94	85 - 113	1	30
Chloroform	ND		1.00	0.948		mg/L		95	86 - 124	2	30
1,2-Dichloroethane	ND		1.00	0.956		mg/L		96	80 - 115	1	30
1,1-Dichloroethene	ND		1.00	1.12		mg/L		112	67 - 139	4	30
Tetrachloroethene	ND		1.00	0.869		mg/L		87	74 - 138	6	30
Trichloroethene	ND		1.00	0.964		mg/L		96	75 - 134	4	30
Vinyl chloride	ND		1.00	1.07		mg/L		107	51 - 118	6	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 124
Dibromofluoromethane (Surr)	102		84 - 128
1,2-Dichloroethane-d4 (Surr)	98		80 - 121
Toluene-d8 (Surr)	107		90 - 115

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

Lab Sample ID: MB 240-62586/4-A
Matrix: Solid
Analysis Batch: 63089

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 62586

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	ND		0.020	0.00035	mg/L		10/24/12 12:13	10/29/12 12:57	1
1,4-Dichlorobenzene	ND		0.0040	0.00034	mg/L		10/24/12 12:13	10/29/12 12:57	1
2,4-Dinitrotoluene	ND		0.020	0.00027	mg/L		10/24/12 12:13	10/29/12 12:57	1
Hexachlorobenzene	ND		0.020	0.00010	mg/L		10/24/12 12:13	10/29/12 12:57	1
Hexachlorobutadiene	ND		0.020	0.00027	mg/L		10/24/12 12:13	10/29/12 12:57	1
Hexachloroethane	ND		0.020	0.00080	mg/L		10/24/12 12:13	10/29/12 12:57	1
2-Methylphenol	ND		0.0040	0.00080	mg/L		10/24/12 12:13	10/29/12 12:57	1
3 & 4 Methylphenol	ND		0.040	0.00075	mg/L		10/24/12 12:13	10/29/12 12:57	1
Nitrobenzene	ND		0.0040	0.000040	mg/L		10/24/12 12:13	10/29/12 12:57	1
Pentachlorophenol	ND		0.040	0.0024	mg/L		10/24/12 12:13	10/29/12 12:57	1
2,4,5-Trichlorophenol	ND		0.020	0.00030	mg/L		10/24/12 12:13	10/29/12 12:57	1
2,4,6-Trichlorophenol	ND		0.020	0.00080	mg/L		10/24/12 12:13	10/29/12 12:57	1

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

Lab Sample ID: MB 240-62586/4-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 63089 — **Prep Batch: 62586**

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	75		30 - 110	10/24/12 12:13	10/29/12 12:57	1
2-Fluorophenol (Surr)	86		20 - 110	10/24/12 12:13	10/29/12 12:57	1
Nitrobenzene-d5 (Surr)	77		28 - 110	10/24/12 12:13	10/29/12 12:57	1
Phenol-d5 (Surr)	78		21 - 110	10/24/12 12:13	10/29/12 12:57	1
Terphenyl-d14 (Surr)	84		48 - 110	10/24/12 12:13	10/29/12 12:57	1
2,4,6-Tribromophenol (Surr)	78		23 - 110	10/24/12 12:13	10/29/12 12:57	1

Lab Sample ID: LCS 240-62586/5-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 63089 — **Prep Batch: 62586**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyridine	0.0800	0.0695		mg/L		87	30 - 110
1,4-Dichlorobenzene	0.0800	0.0667		mg/L		83	48 - 110
2,4-Dinitrotoluene	0.0800	0.0736		mg/L		92	54 - 110
Hexachlorobenzene	0.0800	0.0671		mg/L		84	50 - 110
Hexachlorobutadiene	0.0800	0.0631		mg/L		79	34 - 110
Hexachloroethane	0.0800	0.0650		mg/L		81	41 - 110
2-Methylphenol	0.0800	0.0788		mg/L		99	44 - 111
3 & 4 Methylphenol	0.160	0.135		mg/L		84	48 - 110
Nitrobenzene	0.0800	0.0693		mg/L		87	40 - 110
Pentachlorophenol	0.0800	0.0644		mg/L		81	12 - 110
2,4,5-Trichlorophenol	0.0800	0.0719		mg/L		90	51 - 110
2,4,6-Trichlorophenol	0.0800	0.0679		mg/L		85	46 - 110

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	79		30 - 110
2-Fluorophenol (Surr)	87		20 - 110
Nitrobenzene-d5 (Surr)	83		28 - 110
Phenol-d5 (Surr)	79		21 - 110
Terphenyl-d14 (Surr)	90		48 - 110
2,4,6-Tribromophenol (Surr)	87		23 - 110

Lab Sample ID: MB 240-62729/23-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 63043 — **Prep Batch: 62729**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 08:53	1
Acenaphthylene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 08:53	1
Anthracene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 08:53	1
Benzo[a]anthracene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 08:53	1
Benzo[a]pyrene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 08:53	1
Benzo[b]fluoranthene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 08:53	1
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 08:53	1
Benzo[k]fluoranthene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 08:53	1
Bis(2-chloroethoxy)methane	ND		1.0	0.32	ug/L		10/25/12 10:35	10/29/12 08:53	1
Bis(2-chloroethyl)ether	ND		1.0	0.10	ug/L		10/25/12 10:35	10/29/12 08:53	1
Bis(2-ethylhexyl) phthalate	1.03	J	2.0	0.80	ug/L		10/25/12 10:35	10/29/12 08:53	1

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

Lab Sample ID: MB 240-62729/23-A
Matrix: Water
Analysis Batch: 63043

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 62729

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	ND		2.0	0.80	ug/L		10/25/12 10:35	10/29/12 08:53	1
Butyl benzyl phthalate	ND		1.0	0.80	ug/L		10/25/12 10:35	10/29/12 08:53	1
4-Chloroaniline	ND		2.0	0.80	ug/L		10/25/12 10:35	10/29/12 08:53	1
4-Chloro-3-methylphenol	ND		2.0	0.80	ug/L		10/25/12 10:35	10/29/12 08:53	1
2-Chloronaphthalene	ND		1.0	0.10	ug/L		10/25/12 10:35	10/29/12 08:53	1
2-Chlorophenol	ND		1.0	0.29	ug/L		10/25/12 10:35	10/29/12 08:53	1
4-Chlorophenyl phenyl ether	ND		2.0	0.30	ug/L		10/25/12 10:35	10/29/12 08:53	1
Chrysene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 08:53	1
Dibenz(a,h)anthracene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 08:53	1
Dibenzofuran	ND		1.0	0.10	ug/L		10/25/12 10:35	10/29/12 08:53	1
1,2-Dichlorobenzene	ND		1.0	0.29	ug/L		10/25/12 10:35	10/29/12 08:53	1
1,3-Dichlorobenzene	ND		1.0	0.80	ug/L		10/25/12 10:35	10/29/12 08:53	1
1,4-Dichlorobenzene	ND		1.0	0.34	ug/L		10/25/12 10:35	10/29/12 08:53	1
3,3'-Dichlorobenzidine	ND		5.0	0.37	ug/L		10/25/12 10:35	10/29/12 08:53	1
2,4-Dichlorophenol	ND		2.0	0.80	ug/L		10/25/12 10:35	10/29/12 08:53	1
Diethyl phthalate	ND		1.0	0.60	ug/L		10/25/12 10:35	10/29/12 08:53	1
2,4-Dimethylphenol	ND		2.0	0.80	ug/L		10/25/12 10:35	10/29/12 08:53	1
Dimethyl phthalate	ND		1.0	0.29	ug/L		10/25/12 10:35	10/29/12 08:53	1
Di-n-butyl phthalate	ND		1.0	0.67	ug/L		10/25/12 10:35	10/29/12 08:53	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.4	ug/L		10/25/12 10:35	10/29/12 08:53	1
2,4-Dinitrophenol	ND		5.0	2.4	ug/L		10/25/12 10:35	10/29/12 08:53	1
2,4-Dinitrotoluene	ND		5.0	0.27	ug/L		10/25/12 10:35	10/29/12 08:53	1
2,6-Dinitrotoluene	ND		5.0	0.80	ug/L		10/25/12 10:35	10/29/12 08:53	1
Di-n-octyl phthalate	ND		1.0	0.80	ug/L		10/25/12 10:35	10/29/12 08:53	1
Fluoranthene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 08:53	1
Fluorene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 08:53	1
Hexachlorobenzene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 08:53	1
Hexachlorobutadiene	ND		1.0	0.27	ug/L		10/25/12 10:35	10/29/12 08:53	1
Hexachlorocyclopentadiene	ND		10	0.80	ug/L		10/25/12 10:35	10/29/12 08:53	1
Hexachloroethane	ND		1.0	0.80	ug/L		10/25/12 10:35	10/29/12 08:53	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 08:53	1
Isophorone	ND		1.0	0.27	ug/L		10/25/12 10:35	10/29/12 08:53	1
2-Methylnaphthalene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 08:53	1
2-Methylphenol	ND		1.0	0.80	ug/L		10/25/12 10:35	10/29/12 08:53	1
3 & 4 Methylphenol	ND		2.0	0.75	ug/L		10/25/12 10:35	10/29/12 08:53	1
Naphthalene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 08:53	1
2-Nitroaniline	ND		2.0	0.80	ug/L		10/25/12 10:35	10/29/12 08:53	1
3-Nitroaniline	ND		2.0	0.28	ug/L		10/25/12 10:35	10/29/12 08:53	1
4-Nitroaniline	ND		2.0	0.80	ug/L		10/25/12 10:35	10/29/12 08:53	1
Nitrobenzene	ND		1.0	0.040	ug/L		10/25/12 10:35	10/29/12 08:53	1
2-Nitrophenol	ND		2.0	0.28	ug/L		10/25/12 10:35	10/29/12 08:53	1
4-Nitrophenol	ND		5.0	2.4	ug/L		10/25/12 10:35	10/29/12 08:53	1
N-Nitrosodi-n-propylamine	ND		1.0	0.80	ug/L		10/25/12 10:35	10/29/12 08:53	1
N-Nitrosodiphenylamine	ND		1.0	0.31	ug/L		10/25/12 10:35	10/29/12 08:53	1
2,2'-oxybis[1-chloropropane]	ND		1.0	0.40	ug/L		10/25/12 10:35	10/29/12 08:53	1
Pentachlorophenol	ND		5.0	2.4	ug/L		10/25/12 10:35	10/29/12 08:53	1
Phenanthrene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 08:53	1
Phenol	ND		1.0	0.60	ug/L		10/25/12 10:35	10/29/12 08:53	1
Pyrene	ND		0.20	0.10	ug/L		10/25/12 10:35	10/29/12 08:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.28	ug/L		10/25/12 10:35	10/29/12 08:53	1

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

Lab Sample ID: MB 240-62729/23-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 63043 — **Prep Batch: 62729**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.30	ug/L		10/25/12 10:35	10/29/12 08:53	1
2,4,6-Trichlorophenol	ND		5.0	0.80	ug/L		10/25/12 10:35	10/29/12 08:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*77*		*20 - 110*	*10/25/12 10:35*	*10/29/12 08:53*	*1*
2-Fluorophenol (Surr)	*78*		*10 - 110*	*10/25/12 10:35*	*10/29/12 08:53*	*1*
Nitrobenzene-d5 (Surr)	*81*		*21 - 110*	*10/25/12 10:35*	*10/29/12 08:53*	*1*
Phenol-d5 (Surr)	*79*		*21 - 110*	*10/25/12 10:35*	*10/29/12 08:53*	*1*
Terphenyl-d14 (Surr)	*87*		*24 - 110*	*10/25/12 10:35*	*10/29/12 08:53*	*1*
2,4,6-Tribromophenol (Surr)	*63*		*21 - 110*	*10/25/12 10:35*	*10/29/12 08:53*	*1*

Lab Sample ID: LCS 240-62729/24-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 63043 — **Prep Batch: 62729**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	20.0	16.2		ug/L		81	47 - 110
Acenaphthylene	20.0	16.4		ug/L		82	49 - 110
Anthracene	20.0	16.0		ug/L		80	52 - 110
Benzo[a]anthracene	20.0	15.4		ug/L		77	52 - 110
Benzo[a]pyrene	20.0	12.7		ug/L		64	44 - 110
Benzo[b]fluoranthene	20.0	15.0		ug/L		75	48 - 110
Benzo[g,h,i]perylene	20.0	15.9		ug/L		80	50 - 110
Benzo[k]fluoranthene	20.0	15.3		ug/L		77	49 - 110
Bis(2-chloroethoxy)methane	20.0	16.2		ug/L		81	43 - 110
Bis(2-chloroethyl)ether	20.0	16.7		ug/L		84	40 - 110
Bis(2-ethylhexyl) phthalate	20.0	15.4		ug/L		77	39 - 116
4-Bromophenyl phenyl ether	20.0	15.7		ug/L		78	45 - 110
Butyl benzyl phthalate	20.0	15.6		ug/L		78	55 - 110
4-Chloroaniline	20.0	14.1		ug/L		70	44 - 110
4-Chloro-3-methylphenol	20.0	15.6		ug/L		78	52 - 110
2-Chloronaphthalene	20.0	16.3		ug/L		81	43 - 110
2-Chlorophenol	20.0	16.5		ug/L		82	29 - 110
4-Chlorophenyl phenyl ether	20.0	15.8		ug/L		79	47 - 110
Chrysene	20.0	16.3		ug/L		81	55 - 110
Dibenz(a,h)anthracene	20.0	14.5		ug/L		72	49 - 110
Dibenzofuran	20.0	16.0		ug/L		80	51 - 110
1,2-Dichlorobenzene	20.0	15.9		ug/L		80	38 - 110
1,3-Dichlorobenzene	20.0	15.5		ug/L		77	35 - 110
1,4-Dichlorobenzene	20.0	15.9		ug/L		80	39 - 110
3,3'-Dichlorobenzidine	20.0	8.93		ug/L		45	22 - 110
2,4-Dichlorophenol	20.0	15.9		ug/L		79	41 - 110
Diethyl phthalate	20.0	16.7		ug/L		83	58 - 110
2,4-Dimethylphenol	20.0	12.1		ug/L		60	32 - 110
Dimethyl phthalate	20.0	16.3		ug/L		81	57 - 110
Di-n-butyl phthalate	20.0	16.7		ug/L		84	57 - 110
4,6-Dinitro-2-methylphenol	20.0	14.8		ug/L		74	31 - 110
2,4-Dinitrophenol	20.0	12.7		ug/L		63	10 - 110
2,4-Dinitrotoluene	20.0	17.0		ug/L		85	53 - 110

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

Lab Sample ID: LCS 240-62729/24-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 63043 — **Prep Batch: 62729**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,6-Dinitrotoluene	20.0	17.1		ug/L		86	54 - 110
Di-n-octyl phthalate	20.0	13.0		ug/L		65	40 - 110
Fluoranthene	20.0	16.6		ug/L		83	54 - 110
Fluorene	20.0	16.6		ug/L		83	52 - 110
Hexachlorobenzene	20.0	15.5		ug/L		78	50 - 110
Hexachlorobutadiene	20.0	15.1		ug/L		75	33 - 110
Hexachlorocyclopentadiene	20.0	6.94	J	ug/L		35	10 - 110
Hexachloroethane	20.0	15.4		ug/L		77	35 - 110
Indeno[1,2,3-cd]pyrene	20.0	14.6		ug/L		73	50 - 110
Isophorone	20.0	16.8		ug/L		84	49 - 110
2-Methylnaphthalene	20.0	16.0		ug/L		80	45 - 110
2-Methylphenol	20.0	15.7		ug/L		78	42 - 110
3 & 4 Methylphenol	40.0	32.0		ug/L		80	44 - 110
Naphthalene	20.0	16.2		ug/L		81	44 - 110
2-Nitroaniline	20.0	17.5		ug/L		87	54 - 110
3-Nitroaniline	20.0	15.4		ug/L		77	53 - 110
4-Nitroaniline	20.0	16.1		ug/L		81	54 - 110
Nitrobenzene	20.0	16.7		ug/L		83	42 - 110
2-Nitrophenol	20.0	16.6		ug/L		83	40 - 110
4-Nitrophenol	20.0	17.4		ug/L		87	33 - 112
N-Nitrosodi-n-propylamine	20.0	17.6		ug/L		88	47 - 110
N-Nitrosodiphenylamine	20.0	15.9		ug/L		80	50 - 110
2,2'-oxybis[1-chloropropane]	20.0	18.1		ug/L		91	37 - 110
Pentachlorophenol	20.0	11.1		ug/L		55	18 - 110
Phenanthrene	20.0	16.5		ug/L		83	53 - 110
Phenol	20.0	16.7		ug/L		83	33 - 110
Pyrene	20.0	15.9		ug/L		80	52 - 110
1,2,4-Trichlorobenzene	20.0	15.0		ug/L		75	35 - 110
2,4,5-Trichlorophenol	20.0	15.8		ug/L		79	48 - 110
2,4,6-Trichlorophenol	20.0	16.0		ug/L		80	45 - 110

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*76*		*20 - 110*
2-Fluorophenol (Surr)	*79*		*10 - 110*
Nitrobenzene-d5 (Surr)	*82*		*21 - 110*
Phenol-d5 (Surr)	*82*		*21 - 110*
Terphenyl-d14 (Surr)	*82*		*24 - 110*
2,4,6-Tribromophenol (Surr)	*74*		*21 - 110*

Lab Sample ID: 240-16595-1 MS — **Client Sample ID: IA08-MW07**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 63043 — **Prep Batch: 62729**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	ND		20.4	17.5		ug/L		86	35 - 110
Acenaphthylene	ND		20.4	17.8		ug/L		87	33 - 110
Anthracene	ND		20.4	17.3		ug/L		85	26 - 110
Benzo[a]anthracene	ND		20.4	16.6		ug/L		81	16 - 110
Benzo[a]pyrene	ND		20.4	13.9		ug/L		68	10 - 110

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

Lab Sample ID: 240-16595-1 MS
Matrix: Water
Analysis Batch: 63043

Client Sample ID: IA08-MW07
Prep Type: Total/NA
Prep Batch: 62729

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo[b]fluoranthene	ND		20.4	15.7		ug/L		77	10 - 110
Benzo[g,h,i]perylene	ND		20.4	17.5		ug/L		86	10 - 110
Benzo[k]fluoranthene	ND		20.4	16.7		ug/L		82	10 - 110
Bis(2-chloroethoxy)methane	ND		20.4	17.6		ug/L		86	27 - 110
Bis(2-chloroethyl)ether	ND		20.4	17.5		ug/L		86	24 - 110
Bis(2-ethylhexyl) phthalate	1.8	J B	20.4	17.3		ug/L		76	10 - 112
4-Bromophenyl phenyl ether	ND		20.4	17.1		ug/L		84	26 - 110
Butyl benzyl phthalate	ND		20.4	17.5		ug/L		86	31 - 110
4-Chloroaniline	ND		20.4	12.4		ug/L		61	15 - 110
4-Chloro-3-methylphenol	ND		20.4	18.1		ug/L		88	38 - 110
2-Chloronaphthalene	ND		20.4	17.4		ug/L		85	28 - 110
2-Chlorophenol	ND		20.4	17.3		ug/L		85	20 - 110
4-Chlorophenyl phenyl ether	ND		20.4	17.2		ug/L		84	30 - 110
Chrysene	ND		20.4	17.8		ug/L		87	17 - 110
Dibenz(a,h)anthracene	ND		20.4	16.1		ug/L		79	10 - 111
Dibenzofuran	ND		20.4	17.6		ug/L		86	36 - 110
1,2-Dichlorobenzene	ND		20.4	16.4		ug/L		80	25 - 110
1,3-Dichlorobenzene	ND		20.4	15.8		ug/L		78	24 - 110
1,4-Dichlorobenzene	ND		20.4	16.5		ug/L		81	25 - 110
3,3'-Dichlorobenzidine	ND		20.4	ND	F	ug/L		0	10 - 110
2,4-Dichlorophenol	ND		20.4	18.0		ug/L		88	28 - 110
Diethyl phthalate	ND		20.4	18.1		ug/L		89	42 - 110
2,4-Dimethylphenol	ND		20.4	15.1		ug/L		74	15 - 110
Dimethyl phthalate	ND		20.4	18.1		ug/L		89	42 - 110
Di-n-butyl phthalate	ND		20.4	19.1		ug/L		94	35 - 110
4,6-Dinitro-2-methylphenol	ND		20.4	19.1		ug/L		93	10 - 110
2,4-Dinitrophenol	ND		20.4	19.9		ug/L		98	10 - 124
2,4-Dinitrotoluene	ND		20.4	18.4		ug/L		90	37 - 110
2,6-Dinitrotoluene	ND		20.4	18.7		ug/L		91	38 - 110
Di-n-octyl phthalate	ND		20.4	15.5		ug/L		76	10 - 118
Fluoranthene	ND		20.4	18.5		ug/L		91	31 - 110
Fluorene	ND		20.4	18.3		ug/L		90	36 - 110
Hexachlorobenzene	ND		20.4	17.4		ug/L		85	23 - 110
Hexachlorobutadiene	ND		20.4	16.1		ug/L		79	15 - 110
Hexachlorocyclopentadiene	ND		20.4	7.61	J	ug/L		37	10 - 110
Hexachloroethane	ND		20.4	16.0		ug/L		79	10 - 122
Indeno[1,2,3-cd]pyrene	ND		20.4	16.0		ug/L		78	10 - 110
Isophorone	ND		20.4	18.3		ug/L		90	33 - 110
2-Methylnaphthalene	ND		20.4	17.5		ug/L		86	32 - 110
2-Methylphenol	ND		20.4	16.8		ug/L		82	27 - 110
3 & 4 Methylphenol	ND		40.8	34.8		ug/L		85	31 - 110
Naphthalene	ND		20.4	17.9		ug/L		88	28 - 110
2-Nitroaniline	ND		20.4	19.4		ug/L		95	38 - 110
3-Nitroaniline	ND		20.4	14.5		ug/L		71	22 - 110
4-Nitroaniline	ND		20.4	16.9		ug/L		83	18 - 110
Nitrobenzene	ND		20.4	18.1		ug/L		89	15 - 110
2-Nitrophenol	ND		20.4	18.1		ug/L		89	26 - 110
4-Nitrophenol	ND		20.4	19.9		ug/L		98	16 - 111
N-Nitrosodi-n-propylamine	ND		20.4	18.7		ug/L		92	32 - 110
N-Nitrosodiphenylamine	ND		20.4	17.5		ug/L		86	10 - 110

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

Lab Sample ID: 240-16595-1 MS
Matrix: Water
Analysis Batch: 63043

Client Sample ID: IA08-MW07
Prep Type: Total/NA
Prep Batch: 62729

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,2'-oxybis[1-chloropropane]	ND		20.4	18.9		ug/L		93	10 - 145
Pentachlorophenol	ND		20.4	17.6		ug/L		86	10 - 123
Phenanthrene	ND		20.4	18.2		ug/L		89	34 - 110
Phenol	ND		20.4	17.3		ug/L		85	25 - 110
Pyrene	ND		20.4	17.1		ug/L		84	32 - 110
1,2,4-Trichlorobenzene	ND		20.4	16.1		ug/L		79	23 - 110
2,4,5-Trichlorophenol	ND		20.4	18.0		ug/L		88	36 - 110
2,4,6-Trichlorophenol	ND		20.4	18.1		ug/L		89	33 - 110

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*81*		*20 - 110*
2-Fluorophenol (Surr)	*81*		*10 - 110*
Nitrobenzene-d5 (Surr)	*88*		*21 - 110*
Phenol-d5 (Surr)	*85*		*21 - 110*
Terphenyl-d14 (Surr)	*87*		*24 - 110*
2,4,6-Tribromophenol (Surr)	*85*		*21 - 110*

Lab Sample ID: 240-16595-1 MSD
Matrix: Water
Analysis Batch: 63043

Client Sample ID: IA08-MW07
Prep Type: Total/NA
Prep Batch: 62729

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	ND		20.0	13.7		ug/L		68	35 - 110	24	30
Acenaphthylene	ND		20.0	13.7		ug/L		68	33 - 110	26	30
Anthracene	ND		20.0	14.2		ug/L		71	26 - 110	20	37
Benzo[a]anthracene	ND		20.0	13.8		ug/L		69	16 - 110	18	30
Benzo[a]pyrene	ND		20.0	11.5		ug/L		58	10 - 110	19	60
Benzo[b]fluoranthene	ND		20.0	13.3		ug/L		67	10 - 110	16	45
Benzo[g,h,i]perylene	ND		20.0	13.9		ug/L		69	10 - 110	23	60
Benzo[k]fluoranthene	ND		20.0	14.2		ug/L		71	10 - 110	16	48
Bis(2-chloroethoxy)methane	ND		20.0	13.5		ug/L		67	27 - 110	26	33
Bis(2-chloroethyl)ether	ND		20.0	13.2		ug/L		66	24 - 110	28	42
Bis(2-ethylhexyl) phthalate	1.8	J B	20.0	14.2		ug/L		62	10 - 112	20	71
4-Bromophenyl phenyl ether	ND		20.0	14.0		ug/L		70	26 - 110	20	35
Butyl benzyl phthalate	ND		20.0	14.5		ug/L		73	31 - 110	18	37
4-Chloroaniline	ND		20.0	10.1		ug/L		51	15 - 110	20	73
4-Chloro-3-methylphenol	ND		20.0	14.6		ug/L		73	38 - 110	21	35
2-Chloronaphthalene	ND		20.0	13.2		ug/L		66	28 - 110	27	37
2-Chlorophenol	ND		20.0	13.0		ug/L		65	20 - 110	29	70
4-Chlorophenyl phenyl ether	ND		20.0	13.6		ug/L		68	30 - 110	23	36
Chrysene	ND		20.0	14.6		ug/L		73	17 - 110	20	30
Dibenz(a,h)anthracene	ND		20.0	13.1		ug/L		66	10 - 111	20	63
Dibenzofuran	ND		20.0	13.6		ug/L		68	36 - 110	26	30
1,2-Dichlorobenzene	ND		20.0	12.3		ug/L		62	25 - 110	28	40
1,3-Dichlorobenzene	ND		20.0	11.9		ug/L		60	24 - 110	28	42
1,4-Dichlorobenzene	ND		20.0	12.3		ug/L		61	25 - 110	30	39
3,3'-Dichlorobenzidine	ND		20.0	ND	F	ug/L		0	10 - 110	NC	99
2,4-Dichlorophenol	ND		20.0	13.9		ug/L		70	28 - 110	25	69
Diethyl phthalate	ND		20.0	14.7		ug/L		74	42 - 110	21	30

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

Lab Sample ID: 240-16595-1 MSD — **Client Sample ID: IA08-MW07**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 63043 — **Prep Batch: 62729**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-Dimethylphenol	ND		20.0	11.9		ug/L		59	15 - 110	24	36
Dimethyl phthalate	ND		20.0	14.6		ug/L		73	42 - 110	21	30
Di-n-butyl phthalate	ND		20.0	15.8		ug/L		79	35 - 110	19	37
4,6-Dinitro-2-methylphenol	ND		20.0	15.1		ug/L		75	10 - 110	23	93
2,4-Dinitrophenol	ND		20.0	16.0		ug/L		80	10 - 124	22	70
2,4-Dinitrotoluene	ND		20.0	15.2		ug/L		76	37 - 110	19	56
2,6-Dinitrotoluene	ND		20.0	15.1		ug/L		76	38 - 110	21	54
Di-n-octyl phthalate	ND		20.0	12.2		ug/L		61	10 - 118	24	92
Fluoranthene	ND		20.0	15.2		ug/L		76	31 - 110	19	30
Fluorene	ND		20.0	14.4		ug/L		72	36 - 110	24	30
Hexachlorobenzene	ND		20.0	14.0		ug/L		70	23 - 110	21	30
Hexachlorobutadiene	ND		20.0	11.4		ug/L		57	15 - 110	34	49
Hexachlorocyclopentadiene	ND		20.0	5.55	J	ug/L		28	10 - 110	31	99
Hexachloroethane	ND		20.0	11.8		ug/L		59	10 - 122	31	44
Indeno[1,2,3-cd]pyrene	ND		20.0	13.0		ug/L		65	10 - 110	21	58
Isophorone	ND		20.0	14.3		ug/L		71	33 - 110	25	31
2-Methylnaphthalene	ND		20.0	13.5		ug/L		67	32 - 110	26	33
2-Methylphenol	ND		20.0	12.6		ug/L		63	27 - 110	29	42
3 & 4 Methylphenol	ND		40.0	26.4		ug/L		66	31 - 110	27	42
Naphthalene	ND		20.0	13.3		ug/L		66	28 - 110	30	80
2-Nitroaniline	ND		20.0	15.3		ug/L		77	38 - 110	23	32
3-Nitroaniline	ND		20.0	12.5		ug/L		62	22 - 110	15	69
4-Nitroaniline	ND		20.0	13.1		ug/L		65	18 - 110	26	60
Nitrobenzene	ND		20.0	13.7		ug/L		69	15 - 110	27	34
2-Nitrophenol	ND		20.0	13.9		ug/L		69	26 - 110	26	64
4-Nitrophenol	ND		20.0	16.3		ug/L		82	16 - 111	20	65
N-Nitrosodi-n-propylamine	ND		20.0	14.5		ug/L		72	32 - 110	26	32
N-Nitrosodiphenylamine	ND		20.0	14.5		ug/L		73	10 - 110	19	38
2,2'-oxybis[1-chloropropane]	ND		20.0	14.7		ug/L		73	10 - 145	25	43
Pentachlorophenol	ND		20.0	13.9		ug/L		69	10 - 123	24	76
Phenanthrene	ND		20.0	15.0		ug/L		75	34 - 110	19	30
Phenol	ND		20.0	11.6		ug/L		58	25 - 110	40	74
Pyrene	ND		20.0	14.3		ug/L		72	32 - 110	17	30
1,2,4-Trichlorobenzene	ND		20.0	12.0		ug/L		60	23 - 110	30	43
2,4,5-Trichlorophenol	ND		20.0	14.3		ug/L		72	36 - 110	23	60
2,4,6-Trichlorophenol	ND		20.0	13.9		ug/L		70	33 - 110	26	63

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*63*		*20 - 110*
2-Fluorophenol (Surr)	*55*		*10 - 110*
Nitrobenzene-d5 (Surr)	*68*		*21 - 110*
Phenol-d5 (Surr)	*55*		*21 - 110*
Terphenyl-d14 (Surr)	*74*		*24 - 110*
2,4,6-Tribromophenol (Surr)	*70*		*21 - 110*

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

Lab Sample ID: 240-16595-7 MS — **Client Sample ID: IDW-01**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 63215 — **Prep Batch: 62586**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyridine	ND		0.0800	0.0592		mg/L		74	21 - 110
1,4-Dichlorobenzene	ND		0.0800	0.0608		mg/L		76	31 - 110
2,4-Dinitrotoluene	ND		0.0800	0.0651		mg/L		81	42 - 110
Hexachlorobenzene	ND		0.0800	0.0605		mg/L		76	42 - 110
Hexachlorobutadiene	ND		0.0800	0.0580		mg/L		73	28 - 110
Hexachloroethane	ND		0.0800	0.0578		mg/L		72	26 - 110
2-Methylphenol	ND		0.0800	0.0628		mg/L		79	33 - 112
3 & 4 Methylphenol	ND		0.160	0.125		mg/L		78	29 - 110
Nitrobenzene	ND		0.0800	0.0618		mg/L		77	32 - 110
Pentachlorophenol	ND		0.0800	0.0508		mg/L		63	10 - 124
2,4,5-Trichlorophenol	ND		0.0800	0.0601		mg/L		75	41 - 110
2,4,6-Trichlorophenol	ND		0.0800	0.0625		mg/L		78	35 - 110

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*71*		*30 - 110*
2-Fluorophenol (Surr)	*77*		*20 - 110*
Nitrobenzene-d5 (Surr)	*75*		*28 - 110*
Phenol-d5 (Surr)	*69*		*21 - 110*
Terphenyl-d14 (Surr)	*79*		*48 - 110*
2,4,6-Tribromophenol (Surr)	*77*		*23 - 110*

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

Lab Sample ID: MB 240-62436/16-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 62670 — **Prep Batch: 62436**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		33	21	ug/Kg		10/23/12 12:42	10/25/12 16:21	1
Arochlor 1221	ND		33	16	ug/Kg		10/23/12 12:42	10/25/12 16:21	1
Aroclor 1232	ND		33	14	ug/Kg		10/23/12 12:42	10/25/12 16:21	1
Aroclor 1242	ND		33	13	ug/Kg		10/23/12 12:42	10/25/12 16:21	1
Aroclor 1248	ND		33	17	ug/Kg		10/23/12 12:42	10/25/12 16:21	1
Aroclor 1254	ND		33	17	ug/Kg		10/23/12 12:42	10/25/12 16:21	1
Aroclor 1260	ND		33	17	ug/Kg		10/23/12 12:42	10/25/12 16:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*90*		*29 - 151*	*10/23/12 12:42*	*10/25/12 16:21*	*1*
DCB Decachlorobiphenyl	*67*		*14 - 163*	*10/23/12 12:42*	*10/25/12 16:21*	*1*

Lab Sample ID: LCS 240-62436/17-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 62670 — **Prep Batch: 62436**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	333	286		ug/Kg		86	62 - 120
Aroclor 1260	333	238		ug/Kg		71	56 - 122

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

Lab Sample ID: LCS 240-62436/17-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 62670 — **Prep Batch: 62436**

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	69		29 - 151
DCB Decachlorobiphenyl	79		14 - 163

Lab Sample ID: MB 240-62569/20-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62657 — **Prep Batch: 62569**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		0.50	0.17	ug/L		10/24/12 11:35	10/25/12 09:49	1
Aroclor 1221	ND		0.50	0.13	ug/L		10/24/12 11:35	10/25/12 09:49	1
Aroclor 1232	ND		0.50	0.16	ug/L		10/24/12 11:35	10/25/12 09:49	1
Aroclor 1242	ND		0.50	0.22	ug/L		10/24/12 11:35	10/25/12 09:49	1
Aroclor 1248	ND		0.50	0.10	ug/L		10/24/12 11:35	10/25/12 09:49	1
Aroclor 1254	ND		0.50	0.16	ug/L		10/24/12 11:35	10/25/12 09:49	1
Aroclor 1260	ND		0.50	0.17	ug/L		10/24/12 11:35	10/25/12 09:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	82		35 - 137	10/24/12 11:35	10/25/12 09:49	1
DCB Decachlorobiphenyl	78		10 - 140	10/24/12 11:35	10/25/12 09:49	1

Lab Sample ID: LCS 240-62569/21-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62657 — **Prep Batch: 62569**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	5.00	4.21		ug/L		84	56 - 130
Aroclor 1260	5.00	4.43		ug/L		89	43 - 126

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	82		35 - 137
DCB Decachlorobiphenyl	69		10 - 140

Lab Sample ID: 240-16595-1 MS — **Client Sample ID: IA08-MW07**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62657 — **Prep Batch: 62569**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	ND		5.00	4.21		ug/L		84	58 - 126
Aroclor 1260	ND		5.00	4.09		ug/L		82	14 - 141

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	83		35 - 137
DCB Decachlorobiphenyl	57		10 - 140

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

Lab Sample ID: 240-16595-1 MSD — **Client Sample ID: IA08-MW07**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62657 — **Prep Batch: 62569**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016	ND		4.90	4.04		ug/L		82	58 - 126	4	30
Aroclor 1260	ND		4.90	3.36		ug/L		68	14 - 141	20	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*80*		*35 - 137*
DCB Decachlorobiphenyl	*41*		*10 - 140*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 240-62596/2-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 62864 — **Prep Batch: 62596**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.50	0.0032	mg/L		10/24/12 13:10	10/25/12 22:04	1
Barium	ND		10	0.00067	mg/L		10/24/12 13:10	10/25/12 22:04	1
Cadmium	ND		0.10	0.00066	mg/L		10/24/12 13:10	10/25/12 22:04	1
Chromium	ND		0.50	0.0022	mg/L		10/24/12 13:10	10/25/12 22:04	1
Lead	ND		0.50	0.0019	mg/L		10/24/12 13:10	10/25/12 22:04	1
Selenium	ND		0.25	0.0041	mg/L		10/24/12 13:10	10/25/12 22:04	1
Silver	ND		0.50	0.0022	mg/L		10/24/12 13:10	10/25/12 22:04	1

Lab Sample ID: LCS 240-62596/3-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 62864 — **Prep Batch: 62596**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	2.00	2.17		mg/L		108	50 - 150
Barium	2.00	2.13	J	mg/L		106	50 - 150
Cadmium	0.0500	0.0533	J	mg/L		107	50 - 150
Chromium	0.200	0.214	J	mg/L		107	50 - 150
Lead	0.500	0.533		mg/L		107	50 - 150
Selenium	2.00	2.20		mg/L		110	50 - 150
Silver	0.0500	0.0569	J	mg/L		114	50 - 150

Lab Sample ID: MB 240-62365/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 62695 — **Prep Batch: 62365**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10	3.2	ug/L		10/23/12 08:33	10/24/12 13:31	1
Barium	1.33	J	200	0.67	ug/L		10/23/12 08:33	10/24/12 13:31	1
Cadmium	ND		2.0	0.66	ug/L		10/23/12 08:33	10/24/12 13:31	1
Chromium	ND		5.0	2.2	ug/L		10/23/12 08:33	10/24/12 13:31	1
Lead	ND		3.0	1.9	ug/L		10/23/12 08:33	10/24/12 13:31	1
Selenium	ND		5.0	4.1	ug/L		10/23/12 08:33	10/24/12 13:31	1
Silver	ND		5.0	2.2	ug/L		10/23/12 08:33	10/24/12 13:31	1

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

Lab Sample ID: LCS 240-62365/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 62695 — **Prep Batch: 62365**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	2000	1830		ug/L		92	80 - 120
Barium	2000	1970		ug/L		98	80 - 120
Cadmium	50.0	49.3		ug/L		99	80 - 120
Chromium	200	207		ug/L		103	80 - 120
Lead	500	496		ug/L		99	80 - 120
Selenium	2000	2030		ug/L		102	80 - 120
Silver	50.0	51.6		ug/L		103	80 - 120

Lab Sample ID: MB 240-62370/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 62955 — **Prep Batch: 62370**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10	3.2	ug/L		10/23/12 08:50	10/25/12 14:53	1
Barium	1.16	J	200	0.67	ug/L		10/23/12 08:50	10/25/12 14:53	1
Cadmium	ND		2.0	0.66	ug/L		10/23/12 08:50	10/25/12 14:53	1
Chromium	ND		5.0	2.2	ug/L		10/23/12 08:50	10/25/12 14:53	1
Lead	ND		3.0	1.9	ug/L		10/23/12 08:50	10/25/12 14:53	1
Selenium	ND		5.0	4.1	ug/L		10/23/12 08:50	10/25/12 14:53	1
Silver	ND		5.0	2.2	ug/L		10/23/12 08:50	10/25/12 14:53	1

Lab Sample ID: LCS 240-62370/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 62955 — **Prep Batch: 62370**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	2000	1870		ug/L		94	80 - 120
Barium	2000	1730		ug/L		87	80 - 120
Cadmium	50.0	43.1		ug/L		86	80 - 120
Chromium	200	186		ug/L		93	80 - 120
Lead	500	452		ug/L		90	80 - 120
Selenium	2000	1830		ug/L		92	80 - 120
Silver	50.0	47.0		ug/L		94	80 - 120

Lab Sample ID: MB 240-62375/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 62695 — **Prep Batch: 62375**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10	3.2	ug/L		10/23/12 08:58	10/24/12 20:50	1
Barium	1.16	J	200	0.67	ug/L		10/23/12 08:58	10/24/12 20:50	1
Cadmium	ND		2.0	0.66	ug/L		10/23/12 08:58	10/24/12 20:50	1
Chromium	ND		5.0	2.2	ug/L		10/23/12 08:58	10/24/12 20:50	1
Lead	ND		3.0	1.9	ug/L		10/23/12 08:58	10/24/12 20:50	1
Selenium	ND		5.0	4.1	ug/L		10/23/12 08:58	10/24/12 20:50	1
Silver	ND		5.0	2.2	ug/L		10/23/12 08:58	10/24/12 20:50	1

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

Lab Sample ID: LCS 240-62375/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 62695 — **Prep Batch: 62375**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	2000	2060		ug/L		103	80 - 120
Barium	2000	2070		ug/L		104	80 - 120
Cadmium	50.0	51.6		ug/L		103	80 - 120
Chromium	200	206		ug/L		103	80 - 120
Lead	500	515		ug/L		103	80 - 120
Selenium	2000	2080		ug/L		104	80 - 120
Silver	50.0	52.4		ug/L		105	80 - 120

Lab Sample ID: 240-16595-1 MS — **Client Sample ID: IA08-MW07**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 62955 — **Prep Batch: 62370**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	ND		50.0	49.0		ug/L		98	75 - 125
Arsenic	5.0	J	2000	1970		ug/L		98	75 - 125
Barium	87	J B	2000	1880		ug/L		90	75 - 125
Cadmium	ND		50.0	46.4		ug/L		93	75 - 125
Chromium	6.5		200	195		ug/L		94	75 - 125
Lead	4.0		500	472		ug/L		94	75 - 125
Selenium	ND		2000	1930		ug/L		97	75 - 125

Lab Sample ID: 240-16595-1 MSD — **Client Sample ID: IA08-MW07**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 62955 — **Prep Batch: 62370**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	ND		50.0	50.0		ug/L		100	75 - 125	2	20
Arsenic	5.0	J	2000	2010		ug/L		100	75 - 125	2	20
Barium	87	J B	2000	1900		ug/L		91	75 - 125	1	20
Cadmium	ND		50.0	46.7		ug/L		93	75 - 125	1	20
Chromium	6.5		200	199		ug/L		96	75 - 125	2	20
Lead	4.0		500	482		ug/L		96	75 - 125	2	20
Selenium	ND		2000	1960		ug/L		98	75 - 125	1	20

Lab Sample ID: LB 240-62474/1-B LB — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 62864 — **Prep Batch: 62596**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.50	0.0032	mg/L		10/24/12 13:10	10/25/12 21:58	1
Barium	0.00244	J	10	0.00067	mg/L		10/24/12 13:10	10/25/12 21:58	1
Cadmium	ND		0.10	0.00066	mg/L		10/24/12 13:10	10/25/12 21:58	1
Chromium	ND		0.50	0.0022	mg/L		10/24/12 13:10	10/25/12 21:58	1
Lead	0.00250	J	0.50	0.0019	mg/L		10/24/12 13:10	10/25/12 21:58	1
Selenium	ND		0.25	0.0041	mg/L		10/24/12 13:10	10/25/12 21:58	1
Silver	ND		0.50	0.0022	mg/L		10/24/12 13:10	10/25/12 21:58	1

QC Sample Results

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

TestAmerica Job ID: 240-16595-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-62267/1-A
Matrix: Water
Analysis Batch: 62471

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 62267

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		10/22/12 15:20	10/23/12 16:03	1

Lab Sample ID: LCS 240-62267/2-A
Matrix: Water
Analysis Batch: 62471

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 62267

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	5.00	4.70		ug/L		94	81 - 123

Lab Sample ID: MB 240-62597/2-A
Matrix: Solid
Analysis Batch: 62905

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 62597

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0020	0.00012	mg/L		10/24/12 15:10	10/25/12 13:42	1

Lab Sample ID: LCS 240-62597/3-A
Matrix: Solid
Analysis Batch: 62905

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 62597

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00500	0.00444		mg/L		89	50 - 150

Lab Sample ID: 240-16595-1 MS
Matrix: Water
Analysis Batch: 62471

Client Sample ID: IA08-MW07
Prep Type: Dissolved
Prep Batch: 62267

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		1.00	0.986		ug/L		99	69 - 134

Lab Sample ID: 240-16595-1 MSD
Matrix: Water
Analysis Batch: 62471

Client Sample ID: IA08-MW07
Prep Type: Dissolved
Prep Batch: 62267

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		1.00	1.00		ug/L		100	69 - 134	2	20

Lab Sample ID: LB 240-62474/1-C LB
Matrix: Solid
Analysis Batch: 62905

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 62597

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0020	0.00012	mg/L		10/24/12 15:10	10/25/12 13:41	1

Method: 1010 - Ignitability, Pensky-Martens Closed-Cup Method

Lab Sample ID: LCS 240-62958/1
Matrix: Solid
Analysis Batch: 62958

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	83.00		Degrees F		102	97 - 103

Method: 9012A - Cyanide, Total and/or Amenable

Lab Sample ID: MB 240-62516/3-A
Matrix: Solid
Analysis Batch: 62599

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 62516

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.50	0.099	mg/Kg		10/24/12 10:45	10/24/12 12:09	1

Lab Sample ID: LCS 240-62516/4-A
Matrix: Solid
Analysis Batch: 62599

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 62516

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	2.44	2.11		mg/Kg		87	68 - 123

Lab Sample ID: MRL 240-62599/6 MRL
Matrix: Solid
Analysis Batch: 62599

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.0100	0.00976	J	mg/L		98	70 - 130

Method: 9034 - Sulfide, Acid soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 240-62503/1-A
Matrix: Solid
Analysis Batch: 62554

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 62503

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		30	22	mg/Kg		10/24/12 08:18	10/24/12 10:56	1

Lab Sample ID: LCS 240-62503/2-A
Matrix: Solid
Analysis Batch: 62554

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 62503

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	88.4	89.7		mg/Kg		102	70 - 130

QC Association Summary

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

TestAmerica Job ID: 240-16595-1

GC/MS VOA

Leach Batch: 62482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-7	IDW-01	TCLP	Solid	1311	
240-16595-7 MS	IDW-01	TCLP	Solid	1311	
240-16595-7 MSD	IDW-01	TCLP	Solid	1311	
LB 240-62482/1-A MB	Method Blank	TCLP	Solid	1311	

Analysis Batch: 62739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-2	IA08-MW06	Total/NA	Water	8260B	
240-16595-3	IA08-MW08	Total/NA	Water	8260B	
240-16595-5	DUP-04	Total/NA	Water	8260B	
240-16595-6	TB-13/101812	Total/NA	WQ	8260B	
LCS 240-62739/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-62739/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 62977

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-7	IDW-01	TCLP	Solid	8260B	62482
240-16595-7 MS	IDW-01	TCLP	Solid	8260B	62482
240-16595-7 MSD	IDW-01	TCLP	Solid	8260B	62482
LB 240-62482/1-A MB	Method Blank	TCLP	Solid	8260B	62482
LCS 240-62977/22	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 63031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-1	IA08-MW07	Total/NA	Water	8260B	
240-16595-1 MS	IA08-MW07	Total/NA	Water	8260B	
240-16595-1 MSD	IA08-MW07	Total/NA	Water	8260B	
240-16595-4	RIN-04	Total/NA	WQ	8260B	
LCS 240-63031/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-63031/5	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Leach Batch: 62474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-7	IDW-01	TCLP	Solid	1311	
240-16595-7 MS	IDW-01	TCLP	Solid	1311	

Prep Batch: 62586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-7	IDW-01	TCLP	Solid	3510C	62474
240-16595-7 MS	IDW-01	TCLP	Solid	3510C	62474
LCS 240-62586/5-A	Lab Control Sample	Total/NA	Solid	3510C	
MB 240-62586/4-A	Method Blank	Total/NA	Solid	3510C	

Prep Batch: 62729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-1	IA08-MW07	Total/NA	Water	3520C	
240-16595-1 MS	IA08-MW07	Total/NA	Water	3520C	
240-16595-1 MSD	IA08-MW07	Total/NA	Water	3520C	
240-16595-2	IA08-MW06	Total/NA	Water	3520C	
240-16595-3	IA08-MW08	Total/NA	Water	3520C	

GC/MS Semi VOA (Continued)

Prep Batch: 62729 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-4	RIN-04	Total/NA	WQ	3520C	
240-16595-5	DUP-04	Total/NA	Water	3520C	
LCS 240-62729/24-A	Lab Control Sample	Total/NA	Water	3520C	
MB 240-62729/23-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 63043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-1	IA08-MW07	Total/NA	Water	8270C	62729
240-16595-1 MS	IA08-MW07	Total/NA	Water	8270C	62729
240-16595-1 MSD	IA08-MW07	Total/NA	Water	8270C	62729
240-16595-2	IA08-MW06	Total/NA	Water	8270C	62729
240-16595-3	IA08-MW08	Total/NA	Water	8270C	62729
240-16595-4	RIN-04	Total/NA	WQ	8270C	62729
240-16595-5	DUP-04	Total/NA	Water	8270C	62729
LCS 240-62729/24-A	Lab Control Sample	Total/NA	Water	8270C	62729
MB 240-62729/23-A	Method Blank	Total/NA	Water	8270C	62729

Analysis Batch: 63089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 240-62586/5-A	Lab Control Sample	Total/NA	Solid	8270C	62586
MB 240-62586/4-A	Method Blank	Total/NA	Solid	8270C	62586

Analysis Batch: 63215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-7	IDW-01	TCLP	Solid	8270C	62586
240-16595-7 MS	IDW-01	TCLP	Solid	8270C	62586

GC Semi VOA

Prep Batch: 62436

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-7	IDW-01	Total/NA	Solid	3540C	
LCS 240-62436/17-A	Lab Control Sample	Total/NA	Solid	3540C	
MB 240-62436/16-A	Method Blank	Total/NA	Solid	3540C	

Prep Batch: 62569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-1	IA08-MW07	Total/NA	Water	3510C	
240-16595-1 MS	IA08-MW07	Total/NA	Water	3510C	
240-16595-1 MSD	IA08-MW07	Total/NA	Water	3510C	
240-16595-2	IA08-MW06	Total/NA	Water	3510C	
240-16595-3	IA08-MW08	Total/NA	Water	3510C	
240-16595-4	RIN-04	Total/NA	WQ	3510C	
240-16595-5	DUP-04	Total/NA	Water	3510C	
LCS 240-62569/21-A	Lab Control Sample	Total/NA	Water	3510C	
MB 240-62569/20-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 62657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-1	IA08-MW07	Total/NA	Water	8082	62569
240-16595-1 MS	IA08-MW07	Total/NA	Water	8082	62569
240-16595-1 MSD	IA08-MW07	Total/NA	Water	8082	62569

GC Semi VOA (Continued)

Analysis Batch: 62657 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-2	IA08-MW06	Total/NA	Water	8082	62569
240-16595-3	IA08-MW08	Total/NA	Water	8082	62569
240-16595-4	RIN-04	Total/NA	WQ	8082	62569
240-16595-5	DUP-04	Total/NA	Water	8082	62569
LCS 240-62569/21-A	Lab Control Sample	Total/NA	Water	8082	62569
MB 240-62569/20-A	Method Blank	Total/NA	Water	8082	62569

Analysis Batch: 62670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-7	IDW-01	Total/NA	Solid	8082	62436
LCS 240-62436/17-A	Lab Control Sample	Total/NA	Solid	8082	62436
MB 240-62436/16-A	Method Blank	Total/NA	Solid	8082	62436

Metals

Prep Batch: 62267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-1	IA08-MW07	Dissolved	Water	7470A	
240-16595-1 MS	IA08-MW07	Dissolved	Water	7470A	
240-16595-1 MSD	IA08-MW07	Dissolved	Water	7470A	
240-16595-2	IA08-MW06	Dissolved	Water	7470A	
240-16595-3	IA08-MW08	Dissolved	Water	7470A	
240-16595-4	RIN-04	Dissolved	WQ	7470A	
240-16595-5	DUP-04	Dissolved	Water	7470A	
LCS 240-62267/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 240-62267/1-A	Method Blank	Total/NA	Water	7470A	

Prep Batch: 62365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-2	IA08-MW06	Dissolved	Water	3005A	
LCS 240-62365/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-62365/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 62370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-1	IA08-MW07	Dissolved	Water	3005A	
240-16595-1 MS	IA08-MW07	Dissolved	Water	3005A	
240-16595-1 MSD	IA08-MW07	Dissolved	Water	3005A	
LCS 240-62370/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-62370/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 62375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-3	IA08-MW08	Dissolved	Water	3005A	
240-16595-4	RIN-04	Dissolved	WQ	3005A	
240-16595-5	DUP-04	Dissolved	Water	3005A	
LCS 240-62375/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-62375/1-A	Method Blank	Total Recoverable	Water	3005A	

Analysis Batch: 62471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-1	IA08-MW07	Dissolved	Water	7470A	62267

Metals (Continued)

Analysis Batch: 62471 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-1 MS	IA08-MW07	Dissolved	Water	7470A	62267
240-16595-1 MSD	IA08-MW07	Dissolved	Water	7470A	62267
240-16595-2	IA08-MW06	Dissolved	Water	7470A	62267
240-16595-3	IA08-MW08	Dissolved	Water	7470A	62267
240-16595-4	RIN-04	Dissolved	WQ	7470A	62267
240-16595-5	DUP-04	Dissolved	Water	7470A	62267
LCS 240-62267/2-A	Lab Control Sample	Total/NA	Water	7470A	62267
MB 240-62267/1-A	Method Blank	Total/NA	Water	7470A	62267

Leach Batch: 62474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-7	IDW-01	TCLP	Solid	1311	
LB 240-62474/1-B LB	Method Blank	TCLP	Solid	1311	
LB 240-62474/1-C LB	Method Blank	TCLP	Solid	1311	

Prep Batch: 62596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-7	IDW-01	TCLP	Solid	3010A	62474
LB 240-62474/1-B LB	Method Blank	TCLP	Solid	3010A	62474
LCS 240-62596/3-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 240-62596/2-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 62597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-7	IDW-01	TCLP	Solid	7470A	62474
LB 240-62474/1-C LB	Method Blank	TCLP	Solid	7470A	62474
LCS 240-62597/3-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 240-62597/2-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 62695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-2	IA08-MW06	Dissolved	Water	6010B	62365
240-16595-3	IA08-MW08	Dissolved	Water	6010B	62375
240-16595-4	RIN-04	Dissolved	WQ	6010B	62375
240-16595-5	DUP-04	Dissolved	Water	6010B	62375
LCS 240-62365/2-A	Lab Control Sample	Total Recoverable	Water	6010B	62365
LCS 240-62375/2-A	Lab Control Sample	Total Recoverable	Water	6010B	62375
MB 240-62365/1-A	Method Blank	Total Recoverable	Water	6010B	62365
MB 240-62375/1-A	Method Blank	Total Recoverable	Water	6010B	62375

Analysis Batch: 62864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-7	IDW-01	TCLP	Solid	6010B	62596
LB 240-62474/1-B LB	Method Blank	TCLP	Solid	6010B	62596
LCS 240-62596/3-A	Lab Control Sample	Total/NA	Solid	6010B	62596
MB 240-62596/2-A	Method Blank	Total/NA	Solid	6010B	62596

Analysis Batch: 62905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-7	IDW-01	TCLP	Solid	7470A	62597
LB 240-62474/1-C LB	Method Blank	TCLP	Solid	7470A	62597
LCS 240-62597/3-A	Lab Control Sample	Total/NA	Solid	7470A	62597

QC Association Summary

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

TestAmerica Job ID: 240-16595-1

Metals (Continued)

Analysis Batch: 62905 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-62597/2-A	Method Blank	Total/NA	Solid	7470A	62597

Analysis Batch: 62955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-1	IA08-MW07	Dissolved	Water	6010B	62370
240-16595-1 MS	IA08-MW07	Dissolved	Water	6010B	62370
240-16595-1 MSD	IA08-MW07	Dissolved	Water	6010B	62370
LCS 240-62370/2-A	Lab Control Sample	Total Recoverable	Water	6010B	62370
MB 240-62370/1-A	Method Blank	Total Recoverable	Water	6010B	62370

General Chemistry

Analysis Batch: 62190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-7	IDW-01	Total/NA	Solid	Moisture	

Prep Batch: 62503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-7	IDW-01	Total/NA	Solid	9030B	
LCS 240-62503/2-A	Lab Control Sample	Total/NA	Solid	9030B	
MB 240-62503/1-A	Method Blank	Total/NA	Solid	9030B	

Prep Batch: 62516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-7	IDW-01	Total/NA	Solid	9012A	
LCS 240-62516/4-A	Lab Control Sample	Total/NA	Solid	9012A	
MB 240-62516/3-A	Method Blank	Total/NA	Solid	9012A	

Analysis Batch: 62554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-7	IDW-01	Total/NA	Solid	9034	62503
LCS 240-62503/2-A	Lab Control Sample	Total/NA	Solid	9034	62503
MB 240-62503/1-A	Method Blank	Total/NA	Solid	9034	62503

Analysis Batch: 62599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-7	IDW-01	Total/NA	Solid	9012A	62516
LCS 240-62516/4-A	Lab Control Sample	Total/NA	Solid	9012A	62516
MB 240-62516/3-A	Method Blank	Total/NA	Solid	9012A	62516
MRL 240-62599/6 MRL	Lab Control Sample	Total/NA	Solid	9012A	

Analysis Batch: 62958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-16595-7	IDW-01	Total/NA	Solid	1010	
LCS 240-62958/1	Lab Control Sample	Total/NA	Solid	1010	

Lab Chronicle

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

TestAmerica Job ID: 240-16595-1

Client Sample ID: IA08-MW07

Lab Sample ID: 240-16595-1

Date Collected: 10/18/12 10:55
Date Received: 10/18/12 17:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	63031	10/28/12 13:41	RQ	TAL NC
Total/NA	Prep	3520C			62729	10/25/12 10:35	AC	TAL NC
Total/NA	Analysis	8270C		1	63043	10/29/12 14:33	TH	TAL NC
Total/NA	Prep	3510C			62569	10/24/12 11:35	SE	TAL NC
Total/NA	Analysis	8082		1	62657	10/25/12 07:49	LH	TAL NC
Dissolved	Prep	7470A			62267	10/22/12 15:20	AS	TAL NC
Dissolved	Analysis	7470A		1	62471	10/23/12 16:07	RT	TAL NC
Dissolved	Prep	3005A			62370	10/23/12 08:50	AS	TAL NC
Dissolved	Analysis	6010B		1	62955	10/25/12 15:08	SG	TAL NC

Client Sample ID: IA08-MW06

Lab Sample ID: 240-16595-2

Date Collected: 10/18/12 13:50
Date Received: 10/18/12 17:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	62739	10/25/12 14:58	RQ	TAL NC
Total/NA	Prep	3520C			62729	10/25/12 10:35	AC	TAL NC
Total/NA	Analysis	8270C		1	63043	10/29/12 14:11	TH	TAL NC
Total/NA	Prep	3510C			62569	10/24/12 11:35	SE	TAL NC
Total/NA	Analysis	8082		1	62657	10/25/12 08:34	LH	TAL NC
Dissolved	Prep	7470A			62267	10/22/12 15:20	AS	TAL NC
Dissolved	Analysis	7470A		1	62471	10/23/12 16:21	RT	TAL NC
Dissolved	Prep	3005A			62365	10/23/12 08:33	AS	TAL NC
Dissolved	Analysis	6010B		1	62695	10/24/12 16:38	KC	TAL NC

Client Sample ID: IA08-MW08

Lab Sample ID: 240-16595-3

Date Collected: 10/18/12 15:35
Date Received: 10/18/12 17:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	62739	10/25/12 15:20	RQ	TAL NC
Total/NA	Prep	3520C			62729	10/25/12 10:35	AC	TAL NC
Total/NA	Analysis	8270C		1	63043	10/29/12 13:48	TH	TAL NC
Total/NA	Prep	3510C			62569	10/24/12 11:35	SE	TAL NC
Total/NA	Analysis	8082		1	62657	10/25/12 08:49	LH	TAL NC
Dissolved	Prep	7470A			62267	10/22/12 15:20	AS	TAL NC
Dissolved	Analysis	7470A		1	62471	10/23/12 16:23	RT	TAL NC
Dissolved	Prep	3005A			62375	10/23/12 08:58	AS	TAL NC
Dissolved	Analysis	6010B		1	62695	10/24/12 21:58	KC	TAL NC

Lab Chronicle

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

TestAmerica Job ID: 240-16595-1

Client Sample ID: RIN-04

Lab Sample ID: 240-16595-4

Date Collected: 10/18/12 11:55
Matrix: WQ
Date Received: 10/18/12 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	63031	10/28/12 15:08	RQ	TAL NC
Total/NA	Prep	3520C			62729	10/25/12 10:35	AC	TAL NC
Total/NA	Analysis	8270C		1	63043	10/29/12 13:26	TH	TAL NC
Total/NA	Prep	3510C			62569	10/24/12 11:35	SE	TAL NC
Total/NA	Analysis	8082		1	62657	10/25/12 09:04	LH	TAL NC
Dissolved	Prep	7470A			62267	10/22/12 15:20	AS	TAL NC
Dissolved	Analysis	7470A		1	62471	10/23/12 16:30	RT	TAL NC
Dissolved	Prep	3005A			62375	10/23/12 08:58	AS	TAL NC
Dissolved	Analysis	6010B		1	62695	10/24/12 22:04	KC	TAL NC

Client Sample ID: DUP-04

Lab Sample ID: 240-16595-5

Date Collected: 10/18/12 00:00
Matrix: Water
Date Received: 10/18/12 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	62739	10/25/12 18:20	RQ	TAL NC
Total/NA	Prep	3520C			62729	10/25/12 10:35	AC	TAL NC
Total/NA	Analysis	8270C		1	63043	10/29/12 13:04	TH	TAL NC
Total/NA	Prep	3510C			62569	10/24/12 11:35	SE	TAL NC
Total/NA	Analysis	8082		1	62657	10/25/12 09:19	LH	TAL NC
Dissolved	Prep	7470A			62267	10/22/12 15:20	AS	TAL NC
Dissolved	Analysis	7470A		1	62471	10/23/12 16:32	RT	TAL NC
Dissolved	Prep	3005A			62375	10/23/12 08:58	AS	TAL NC
Dissolved	Analysis	6010B		1	62695	10/24/12 22:10	KC	TAL NC

Client Sample ID: TB-13/101812

Lab Sample ID: 240-16595-6

Date Collected: 10/18/12 00:00
Matrix: WQ
Date Received: 10/18/12 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	62739	10/25/12 18:41	RQ	TAL NC

Client Sample ID: IDW-01

Lab Sample ID: 240-16595-7

Date Collected: 10/18/12 16:00
Matrix: Solid
Date Received: 10/18/12 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			62482	10/23/12 17:40	DJ	TAL NC
TCLP	Analysis	8260B		1	62977	10/27/12 00:21	TL	TAL NC
TCLP	Leach	1311			62474	10/23/12 16:17	BF	TAL NC
TCLP	Prep	3510C			62586	10/24/12 12:13	SE	TAL NC
TCLP	Analysis	8270C		1	63215	10/30/12 13:24	JG	TAL NC
Total/NA	Prep	3540C			62436	10/23/12 12:42	LM	TAL NC
Total/NA	Analysis	8082		1	62670	10/25/12 15:55	LH	TAL NC

Lab Chronicle

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

TestAmerica Job ID: 240-16595-1

Client Sample ID: IDW-01
Date Collected: 10/18/12 16:00
Date Received: 10/18/12 17:30

Lab Sample ID: 240-16595-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			62474	10/23/12 16:17	BF	TAL NC
TCLP	Prep	3010A			62596	10/24/12 13:10	SG	TAL NC
TCLP	Analysis	6010B		1	62864	10/25/12 23:49	KC	TAL NC
TCLP	Prep	7470A			62597	10/24/12 15:10	SG	TAL NC
TCLP	Analysis	7470A		1	62905	10/25/12 14:01	RT	TAL NC
Total/NA	Analysis	Moisture		1	62190	10/22/12 09:00	TH	TAL NC
Total/NA	Prep	9030B			62503	10/24/12 08:18	BW	TAL NC
Total/NA	Analysis	9034		1	62554	10/24/12 13:16	BW	TAL NC
Total/NA	Prep	9012A			62516	10/24/12 10:45	CN	TAL NC
Total/NA	Analysis	9012A		1	62599	10/24/12 12:15	CN	TAL NC
Total/NA	Analysis	1010		1	62958	10/26/12 13:59	TH	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: 240-16595-1

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	NELAC	9	01144CA	06-30-13
Connecticut	State Program	1	PH-0590	12-31-13
Florida	NELAC	4	E87225	06-30-13
Georgia	State Program	4	N/A	06-30-13
Illinois	NELAC	5	200004	07-31-13
Kansas	NELAC	7	E-10336	01-31-13
Kentucky	State Program	4	58	11-16-12
L-A-B	DoD ELAP		L2315	02-28-13
Minnesota	NELAC	5	039-999-348	12-31-12
Nevada	State Program	9	OH-000482008A	07-31-13
New Jersey	NELAC	2	OH001	06-30-13
New York	NELAC	2	10975	04-01-13
Ohio VAP	State Program	5	CL0024	01-19-14
Pennsylvania	NELAC	3	68-00340	08-31-13
Texas	NELAC	6		08-03-13
USDA	Federal		P330-11-00328	08-26-14
Virginia	NELAC	3	460175	09-14-13
Washington	State Program	10	C971	01-12-13
West Virginia DEP	State Program	3	210	12-31-12
Wisconsin	State Program	5	999518190	08-31-13

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: TRC	Client Project Manager: Kathie Teuscher	Site Contact: Mike Bitto	Lab Contact: Jeff Smith	COC No: 050465
Address: 1382 W. 9th St. Suite 200	Telephone: 216-344-3072	Telephone: 216-344-3072	Telephone: 330-497-9396	1 of 1 COCs
City/State/Zip: Cleveland, OH 44113	Email: KTeuscher@trcsolutions.com	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:
Phone: 216-344-3072				
Project Name: Canton Drop Forge	Method of Shipment/Carrier: Drop-off			
Project Number: 196663	Shipping/Tracking No:			
PO# TBD				

Analyses

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite (C/Grab G)	VOC	SVOC	PCB	RCRA Metals	TCLP Metals	Cyanide	Sulfide	Moisture			Sample Specific Notes / Special Instructions:
IA08-MW07	10/18/12	1055		X					3	9			12		N	G	X	X	X	X							MS/MSD
IA08-MW06	10/18/12	1350		X					1	3			4		Y	G	X	X	X	X							Dissolved RCRA Metals, Field Filtered
IA08-MW08	10/18/12	1535		X					1	3			4		N	G	X	X	X	X							
RIN-04	10/18/12	1155		X					1	3			4		N	G	X	X	X	X							
DUP-04	10/18/12	—		X					1	3			4		N	G	X	X	X	X							
TB-13/101812	10/18/12	—		X		X				2			[illegible]		N	G	X										
IDW-01	10/18/12	1600											4		N	C	X		X		X	X	X	X			

Loc: 240
16595

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 / IA08-MW07 includes MS/MSD

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	TRC	10/18/12 1730			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: [signature]	Company: TA/Canton	Date/Time: 10/18/12 1730

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TAL 0018-1 (04/10)

TestAmerica Canton Sample Receipt Form/Narrative **Login # :** 16595

Client TRC Site Name Canton Forge By: Terry Burns (Signature)

Cooler Received on 10/18/12 Opened on 10/19/12

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

TestAmerica Cooler # _____ Foam Box Client Cooler Box Other Multiple

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 0°C) Observed Sample Temp._____°C	Corrected Sample Temp._____°C	
IR GUN# 4G	(CF –1°C) Observed Sample Temp._____°C	Corrected Sample Temp._____°C	Multiple on Back
IR GUN# 5G	(CF –1°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 each 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 _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

VOC = TCLP per Kathleen Teuscher (Total on COC) for IDW-01.

Per Kathleen Teuscher add TCLP SVOC + flashpoint to IDW-01 (not on COC)

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# 041911-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
MW07	<2, <2, <2	10/19/12	TB
6	<2		
8	<2		
RIN-04	<2		
DUP-04	<2		

Cooler #	Observed Sample Temp. °C	Corrected Sample Temp. °C	IR #	Coolant
A76	4.6	4.6	8	ICE
CANTON	5.6	5.6		
A370	3.4	3.4		
A464	5.2	5.2		

Login Sample Receipt Checklist

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-16595-1

Login Number: 16595
List Number: 1
Creator: Burns, Terry

List Source: TestAmerica Canton

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